Swine Catalog

MIDWEST
LIVESTOCK

For your construction, equipment and replacement parts needs:

Beatrice, NE
888.342.5657

Audubon, IA
712.588.1201

Frankfort, IN
765.670.7061

www.midwestlivestock.com

MIDWEST LIVESTOCK

OUR GUARANTEE

PROFESSIONALLY DESIGNED. PROFESSIONALLY BUILT.

CUSTOMER SERVICE

We provide personal service beyond the sale. We will do what we say and deliver on time. Our product specialists will listen to your needs and offer a solution—even if you don't know the product description or part number.

- Sales representatives with real knowledge of our products.
- Installation professionals recognized as experts in their field.
- Service and repair technicians who can help install your equipment and keep it operating smoothly.

REMODELING

Don't wait to update, retrofit, expand, or convert an existing structure. Our remodeling specialists will ensure that your project exceeds your expectations. No matter if it is a small or big project, we are creative problem solvers who have:

- Solutions for increased efficiency and productivity.
- Expertise to incorporate technological advances.
- Design assistance to make the most of current facilities.

EQUIPMENT

Our equipment specialists will help you determine the best setup for your operation. We offer an extensive product offering with the highest quality items for your operation.

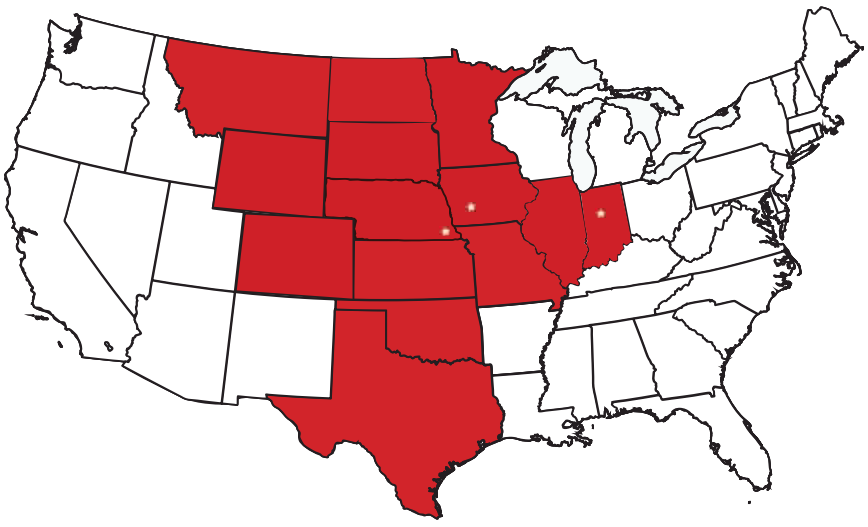
- Three warehouses with thousands of items in stock and shipped daily.

DESIGN AND CONSTRUCTION

Details matter. With highly trained technicians we can make your vision a reality. We will bring our know-how and work ethic to finish the job to your satisifaction.

- Everything you'll need to build from the ground up, including general contracting, project management, facility design, and equipment specialists.
- Professional drafting team to make sure details are the way you want them.

We are your high quality partner who delivers expectional service, attention to detail and know-how on every project, installation or consultation.



☆ = MLS Warehouse location

Wherever you are located, we will have a team to serve your project needs. The states highlighted showcase where we have completed swine building projects.

We can ship products directly to you from our warehouse locations:

Beatrice, Nebraska
Audubon, Iowa
Frankfort, Indiana

DEMOLITION AND REMOVAL OF OLD EQUIPMENT

Demolition of drop feeding concrete floor slabs and pen gestation equipment.

Gang Slat replacement as needed.

INSTALLATION OF NEW EQUIPMENT

10-head stanchion feeding pens with solid divides

New AP Chain Disk feed systems with universial drops and new poly feed bins.

Installation of replacement Stainless Steel dump style flush tanks.

Installation of new water distribution plumbing and SS cup waterers.

Electrical upgrade for new equipment

We will work around your farm's production schedule and follow industry biosecurity standards.

REMODEL PROJECT: 5,000 HEAD SOW FARM: ROCHESTER, INDIANA
GESTATION BARN: PENS TO SHOULDER STANCHIONS.

Work with the experts. We have options.

Table of CONTENTS

Building Products 5-14
Cooling Systems 15-17
Curtain Systems 18-24
- Curtain Machines . . . . .
- Curtains & Accessories . . . . .

Electrical & Motors 25-28
- Electrical Supplies . . . . .
- Lighting . . . . .
- Motors . . . . .

Feeders & Feed Systems 29-45
- Feeders . . . . .
- Feed Storage Bins . . . . .
- Feed Bin Accessories . . . . .
- Feed Systems . . . . .

Flooring 46-49
Gating & Stalls 50-52
Hardware 53-54
Heaters & Parts 55-62
Manure Handling 63-67
Mortality Management 68
Plumbing & Water Systems 69-77
- Drinkers & Filters . . . . .
- Nipple Waterers . . . . .
- Medicators & Meters . . . . .
- Plumbing Products . . . . .

Power Washers & Parts 78-80
- Power Washers 79
- Power Washer Parts . . . . .

Scales 81
Ventilation & Alarms 82-97
- Alarms . . . . .
- Ventilation Controls . . . . .
- Ventilation Fans & Parts . . . . .
- Ventilation Inlets . . . . .
- Ventilation Accessories . . . . .

Miscellaneous Products 98
- Disinfecting & Biosecurity Aids

New Products 104-106
Index 107-112
Policy 113
Credit Application 114-115

Note: *Prices are subject to change without notice.*

BUILDING PRODUCTS

Ribbed Steel Panel 7
Closure Strips 7
Steel Panel Accessories 7
Corrugated Plastic Liner Panel 7
One Step Screw 8
Stainless Steel Nails 8
Sharp Point Fastening Screw 8
White Nylon Rivets 8
White Aluminum Molding 8
Deck Screw 8
Hired-Hand® Rollseal Doors
- Model RS-400 Dairy Door 9
- Model RS-300 Dairy Door 9

Eagen Bifold Door 9
Barn Door Latch 9
Stainless Steel Door Latches 9
Galvanized Bar Latch 9
White Vinyl Molding 9
White Sheet Plastic 10
Rolled Plastic Sheeting 10
PVC Planking 10
Laminated Panel 4' x 8' 10
Thorp Stainless Steel Doors 14
Plyco Insulated Wall Vents 12
Low-Profile Ridge Vent 12
Plyco Insulated Utility Doors
- 99 Series 12
- 99 Series Panel Only 12
- 98 Series Rugged Duty 12

9" Throat Ridge Vent 12
EPS Soffit Snow Door 14
* Stainless Steel Sliding Soffit Door 14

** Indicates New Product*

Panel-Loc Plus™

Get it quick! ***48-hour turnaround*** on most orders.

Panel-Loc Plus gives residential, agricultural, and light commercial projects the protection of steel with an attractive appearance. It features an extra striation on top of the rib to give it superior durability and protection against extreme weather.

- Features our CentralGuard® paint system with a lifetime paint warranty!
- Available in Galvalume® painted AZ50/bare AZ55 and galvanized G90.

Find more information, call
402-223-5281

RECOMMENDED 2½:12 PITCH AND ABOVE	29 OR 26 GAUGE	36" OVERALL COVERAGE	¾" MAXIMUM RIB HEIGHT

Choose from over 30 colors!

Customers love our on-line color visualizer. They can easily upload a photo of their home to quickly test different color combinations and choose the perfect color.

MIDWEST LIVESTOCK

CENTRAL® STATES MANUFACTURING, INC.
METAL BUILDING COMPONENTS

centralstatesmfg.com

BUILDING PRODUCTS

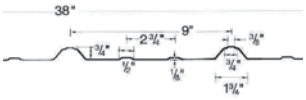
RIBBED STEEL PANEL

Tough, durable ribbed steel paneling.

- Color performance
- Precision-rolled from grade E, 29-gauge steel
- Order in lengths of 4′ to 40′ in 1″ increments, cut to length
- Total width of the steel panel is 38″ with 36″ net coverage after overlap
- Rib height is 3/4″

MODEL NO.	DESCRIPTION	PRICE PER SQUARE
MW-Painted	Painted	
ABC-Galv. Steel	Galvanized	CALL FOR PRICING
MW-Panel	Aluminum	
ABC-Liner	Liner	

Prices subject to change. Note: Cannot be shipped UPS.



Matching skylights available in 8' and 12' lengths.

- Durable and easy to maintain
- Produce an even, diffused light

CLOSURE STRIPS

Available in many standard configurations.

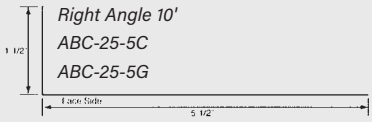
- Standard thickness 1/4″
- Neutral gray color
- 1″ wide, closed-cell, cross-linked, expanded polyethylene
- Ethylene vinyl acetate (EVA) added to increase UV stability

MODEL NO.	DESCRIPTION	PRICE EACH
PLY-C1-70-ABC	Outside Closure Strip	$.45
PLY-C1-71-ABC	Inside Closure Strip	.45

STEEL PANEL ACCESSORIES

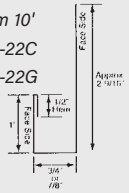
TOUGH, DURABLE STEEL ACCESSORIES OF 29-GAUGE STEEL.

Right Angle 10'
ABC-25-5C
ABC-25-5G

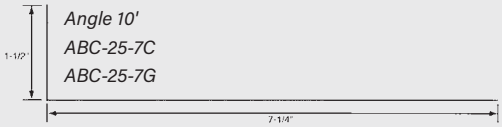


Ridge Cap 14" x 10' 6"
ABC-URC120
ABC-URC120G

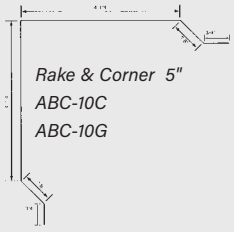
J-Trim 10'
ABC-22C
ABC-22G



Angle 10'
ABC-25-7C
ABC-25-7G

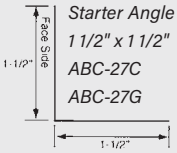


Rake & Corner 5"
ABC-10C
ABC-10G

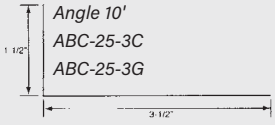


Z-Trim 10'
ABC-21W
ABC-21G

Starter Angle 10'
1 1/2" x 1 1/2"
ABC-27C
ABC-27G



Angle 10'
ABC-25-3C
ABC-25-3G



MODEL NO.	DESCRIPTION	PRICE
ABC-25-5C	Painted	
ABC-25-5G	Galvanized	
ABC-10C	Painted	
ABC-10G	Galvanized	
ABC-27C	Painted	
ABC-27G	Galvanized	
ABC-25-7C	Painted	
ABC-25-7G	Galvanized	
ABC-25-3C	Painted	
ABC-25-3G	Galvanized	
ABC-21W	Painted	
ABC-21G	Galvanized	
ABC-URC120	Painted	
ABC-URC120G	Galvanized	
ABC-22C	Painted	
ABC-22G	Galvanized	

DUE TO CURRENT MARKET TRENDS, PLEASE CALL FOR CURRENT PRICING

Prices subject to change.
Note: Cannot be shipped UPS.

CORRUGATED PLASTIC LINER PANEL

A very popular choice for replacing or covering rusted-out metal liner panels in hog, poultry, or dairy facilities. These rust-resistant panels are manufactured from top quality PVC resins compounded with stabilizers and inhibitors, to give exceptional UV resistance and weather-ability. It's high gloss surface finish cleans easily and will not support moss, algae, or fungus growth. Dirt retention is low and it is also resistant to most chemicals.

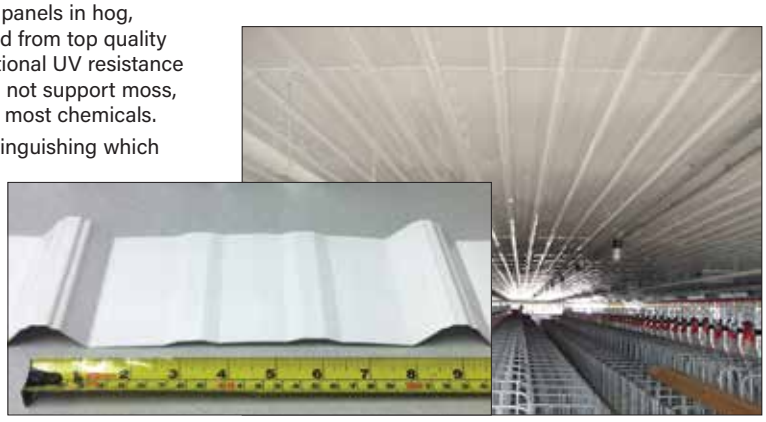
This strong durable material has good fire performance and is self-extinguishing which increases the safety value. The panel is cut easily with a plywood blade in a circular saw run backwards.

A standard sheet is 20′4″ long and 38″ wide with a total coverage of 36″ after overlap with corrugations 9″ OC.

Note: Plastic liner panels expand and contract with changes in temperature. Must be attached with special "One Step" screws that bore a larger hole in the material.

Notice: Thermal expansion properties of PVC may cause plastic liner panel to be wavy or sag.

CALL FOR PRICING



ONE STEP SCREW

This revolutionary design self-drills expansion hole, automatically centers screw in expansion hole, and allows installed panels to float—preventing cracking caused by expansion and contraction.

MODEL NO.	DESCRIPTION	PRICE
PLY-12-14X1 1/4 HWH	1-1/4" Master One Step Hex Head Screw	$.12
PLY-12-14X1 1/4 SHWH	1-1/4" Master One Step Hex Head Screw Stainless Steel	.26
PLY-12-14X1 ¼ SSWH	SCREW 12-14X1-1/4 ONE STEP SS WHITE	
PLY-12-14X1 ¼ WHWH	SCREW 12-14X1-1/4 ONE STEP WHITE	

**More sizes available.*

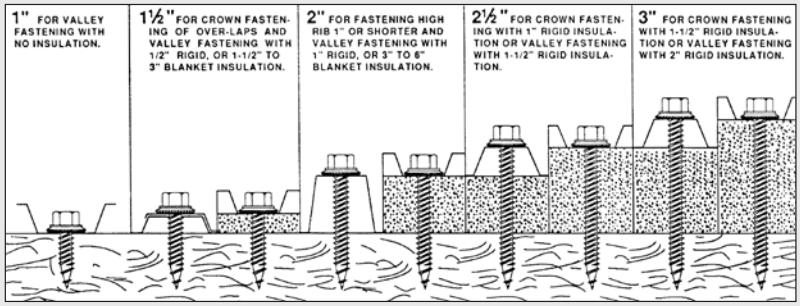
STAINLESS STEEL NAILS

MODEL NO.	DESCRIPTION	PRICE
NU-N-200	2" SS Ring Shank Nails	$9.95/lb
NU-N-150	1 1/2" SS Ring Shank Nails	9.95/lb

SHARP POINT FASTENING SCREW

MODEL NO.	DESCRIPTION	PRICE
PLY-10x1"G	1" Galvanized	$.05
PLY-10x11/2"G	1 1/2" Galvanized	.06
PLY-10x2"G	2" Galvanized	.07
PLY-10x21/2"G	2 1/2" Galvanized	.08
PLY-10x3"G	3" Galvanized	.10
PLY-10x1"W	1" White	.07
PLY-10x11/2"W	1 1/2" White	.07
PLY-10x2"W	2" White	.08
PLY-10x21/2"W	2 1/2 " White	.09
PLY-10x3"W	3" White	.10
PLY-10x1"SS	1" Stainless Steel	.12
PLY-10x11/2"SS	1 1/2" Stainless Steel	.15
PLY-10x2"SS	2" Stainless Steel	.17
PLY-10x21/2"SS	2 1/2" Stainless Steel	.19
PLY-10x3"SS	3" Stainless Steel	.22

- Steel sheet-to-wood frame
- 20-gauge galvanized steel
- Vulcanized washer–1/2" across flats



WHITE NYLON RIVETS

- Plastic pin rivet fastens panel to wood, masonry, metal, or gypsum
- Plastic pin rivet fastens panel into or behind substrate
- Available in white, beige, almond, gray, and brown

MODEL NO.	DESCRIPTION	PRICE
NU-R75-P	3/4" Plastic Pin	$.10
NU-R100-P	1" Plastic Pin	.12
NU-R150-P	1 1/2" Plastic Pin	.23
NU-R200-P	2" Plastic Pin*	.27

**White, beige, and gray only.*

WHITE ALUMINUM MOLDING BATTEN STRIP

- Exterior and interior use
- White smooth finish
- Paint is thermosetting polyester applied by spray application

MODEL NO.	DESCRIPTION	PRICE
NU-A-14	Batten strip 8' (1.75" face)	$4.80
NU-A-14-10	Batten strip 10' (1.75" face)	7.25

DECK SCREW

- Star drive/Flat head
- Yellow zinc coated
- High quality steel
- Heat treated and hardened

For treated lumber

MODEL NO.	DESCRIPTION	PRICE
TH-YTX8112	8" x 1 1/2" Gold Star Wood Screw	$.03
TH-YTX9200	9" x 2" Gold Star Wood Screw	.05
TH-YTX9300	9" x 3" Gold Star Wood Screw	.07
TH-YTX104	10" x 4" Gold Star Wood Screw	.14
TH-YTX105	10" x 5" Gold Star Wood Screw	.21

BUILDING PRODUCTS

HIRED-HAND® ROLLSEAL DOORS

MODEL RS-400 DOOR

MODEL NO.	SIZE
HH-6621-6510	12' w x 10' h
HH-6621-6507	14' w x 10' h
HH-6621-6501	15' w x 10' h
HH-6621-6506	15' w x 12' h
HH-6621-6502	18' w x 10' h
HH-6621-6505	18' w x 12' h
HH-6621-6503	20' w x 10' h
HH-6621-6504	20' w x 12' h
HH-6621-6508	14' w x 14' h

MODEL RS-300 DOOR

MODEL NO.	SIZE
HH-6621-6100	8' w x 8' h
HH-6621-6101	8' w x 10' h
HH-6621-6102	8' w x 12' h
HH-6621-6103	10' w x 8' h
HH-6621-6104	10' w x 10' h
HH-6621-6105	10' w x 12' h
HH-6621-6106	12' w x 8' h
HH-6621-6107	12' w x 10' h
HH-6621-6108	12' w x 12' h

Tired of replacing or repairing damaged overhead doors on sheds? RollSeal doors offer a unique design providing outstanding seal against weather and air infiltration. Available in several materials, fabrics, speeds, and accessories in sizes up to 30 ft wide by 20 ft high.

RS-400 Only

- Totally enclosed box motor operator
- Manual override: crank door up or down during power outage

RS-300 & RS-400

- Aluminum tracks/cover
- RollSeal patented seal system, 3 plies of fabric, double seal with dead air space
- Custom sizes available by special order
- Motorized units have high-speed open and close
- If damaged by tractors or skid loaders, fabric can be repaired or easily replaced

EAGEN BIFOLD DOOR

FOLDING DOORS WITH NEW STURDY DRIVE HOIST SYSTEM

- New **STURDY DRIVE** Hoist System has many improvements with no cost increase.
  - Faster install
  - More efficient operation
  - Revolutionary door kicker system (patent pending) starts the opening process as soon as the door is unlatched
  - Allows for easy access for operation in instances of close proximity to equipment (e.g. fans, cool cells, entrance doors, etc.)
- New fully integrated seal system eliminates seal installation
  - Offers improved sealing performance
- Polyurethane foam injected door panels with an R-7 insulation value
- Skin on the inside of the door can be black to aid in room darkening
- Door comes complete with all necessary hardware
- Quality product that will last for years to come

BARN DOOR LATCH

Heavy-duty, self latching, and zinc-coated. For installation on 3/4" to 2 1/4" thick doors. Handle to prevent flattening when door swings back. Padlock can be inserted to lock latch. Twelve 1 x 9 oval screws and hold-open catch come with latch. Measures 4 1/2" x 3 5/8".

MODEL NO.	DESCRIPTION	PRICE
PLY-B/latch Complete	Barn Latch	**$23.75**

STAINLESS STEEL DOOR LATCHES

MLS rod style door latches are made from heavy duty 304 SS material. Simple to install and easy to operate, these latches provide safe closure without the hassle of having to push and pull the handle to get it to latch in place.

MODEL NO.	DESCRIPTION	PRICE
BMD-ROD LATCH SS	Stainless Steel Standard Rod Latch	**$27.95**

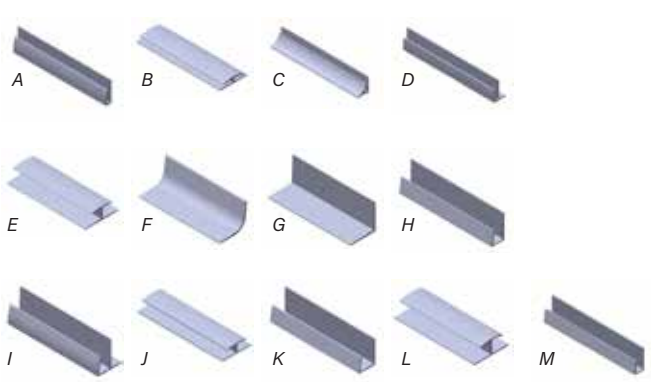
GALVANIZED BAR LATCH

MODEL NO.	DESCRIPTION	PRICE
BMD-BAR LATCH	Galvanized Bar Latch	**$25.30**

WHITE VINYL MOLDING

MODEL NO.		DESCRIPTION	PRICE
NU-V-1	A	Cap for .090 Panel	**$1.25**
NU-V-3	B	Division Bar for .090 Panel	**1.65**
NU-V-5	C	Inside Corner and Cover .090	**1.45**
NU-V-7	D	Outside Corner for 0.090	**1.55**
NU-V9	E	Division Bar for 3/8" Panel	**3.15**
NU-V-13	F	Inside Corner Angle 1 1/4" x 1 1/4"	**4.10**
NU-V15	G	Outside Corner Angle 1 1/4" x 1 1/4"	**4.10**
NU-V-19	H	Cap for 3/8" Panel	**2.10**
NU-V-23	I	Outside Corner for 3/8"	**3.05**
NU-V-31	J	Division Bar for 1/4" Panel	**2.30**
NU-V41	K	Cap for 1/2" Panel	**2.30**
NU-V-43	L	Division Bar for 1/2" Panel	**3.70**
NU-V-63	M	Cap for 1/4" Panel	**2.10**

- USDA-accepted
- 8' lengths
- Colors available
- Custom lengths on request



WHITE SHEET PLASTIC

A NEW SHEETING ALTERNATIVE

- Made of 100% recycled, high-density polyethylene
- Nonporous surface keeps materials from bonding to it
- Resistant to most chemicals, mold, mildew and dry rot
- Available in extruded white
- Animals will not chew it, and rodents can't climb it
- 4' x 8' sheets

Use for:

- Wall liner
- Pickup bed liner
- Silage pit liner
- Grain storage liner
- Sewage pit liner
- Creep divide in farrowing

MODEL NO.	DESCRIPTION	PRICE
VAN-1/8x4x8 RP	1/8" 4' x 8'	$31.45
VAN-3/16x4x8 RP	3/16" 4' x 8'	47.10
VAN-1/4x4x8 RP	1/4" 4' x 8'	62.85
VAN-3/8x4x8RP	3/8" 4' x 8'	94.25
VAN-1/2x4x8 RP	1/2" 4' x 8'	125.60

Note: Cannot be shipped UPS.

ROLLED PLASTIC SHEETING

CONVENIENT SHEETING ALTERNATIVE

Use for agriculture, construction, home, and hobby.

- Flat, non-corrugated material
- 100% recycled high-density polyethylene
- Nonporous surface resistant to chemicals, mold, mildew, and dry rot
- Available in white, 4' x 100' rolls
- Special order sizes available upon request
- Black plastic rolls on request
- Sheeting can be machined with any woodworking tool (A skill saw or table saw using a 20-tooth, carbide-tipped blade is recommended.)

MODEL NO.	DESCRIPTION	PRICE
VAN-4FT x .060	.060 (1/16") Thick	$2.00/ft.
VAN-4X100POLY	.090 (3/32") Thick	2.85/ft.
VAN-4X100 RP	.125 (1/8") Thick	3.95/ft.

Note: Cannot be shipped UPS.

LAMINATED PANEL 4' X 8'

Laminated panels are ideal for new or retrofit construction as they install directly to studs, ceiling joists, furring strips, or solid surfaces. Glassboard panels may be used for interior applications and are low-maintenance, cost-competitive, and corrosion-, scratch-, and impact-resistant. Glassboard panels are durable and will not hold dirt particles. They resist moisture, stains, odors, and chemicals.

PANELS: 4' x 8' panels are a fiberglass reinforced plastic (FRP) overlay factory laminated to 3/8" OSB, fluted plastic, or plywood substrate.

MODEL NO.	FACE THICKNESS	PRICE
NU-F3C320-8	.030" 3/8" Fluted Back	$77.10
NU-F9C320-8	.090" (All-Plastic Substrate)	95.30
NU-F3W375-8	.030" 3/8" OSB Back	61.50
NU-F9W375-8	.090" (Nonstock)	73.60
NU-F3P375	.030" 3/8" Plywood	71.80
NU-F9P375-8	.090"	86.35
NU-SE3P375-8	Smooth Poly on 3/8" Plywood	55.00
NU-SE3C375-8	Smooth Poly on 3/8" Fluted	62.80
NU-SE3W375-8	.400" FlutedPoly (Substrate only)	49.25

Fluted Back

PVC PLANKING

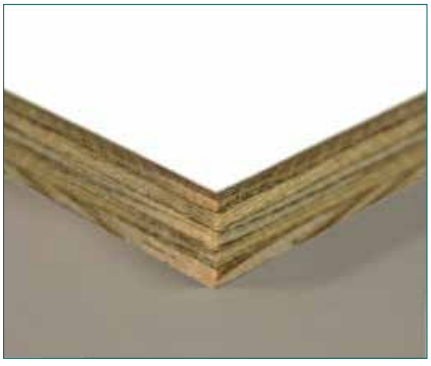
The most economical, durable, and disease-resistant building material on the market is now an even wiser choice. Internal reinforcement means it is as strong as walls made of several narrower planks but lighter, easier to install, easier to clean, and less costly. By the foot, cut to length, or in 10' or 24' lengths. Light, strong, versatile, low-maintenance PVC planking material. Available in $^{7}/_{8}$" x 20", 1½" x 30", 2" x 8", and 1¾" x 32" panels.

Use for:

- Doors
- Pen dividers
- Slide gates
- Wall panels
- Feed bunks

1 3/4" material especially made for quick wall construction. Two-piece top U-Channel for topping wall sections into place.

MODEL NO.	DESCRIPTION	PRICE
	7/8 INCH	
AP-CP7820-1P	7/8" x 20" x 21' Plank	$96.90
AP-CP118UC-1P	1 1/8" x 20' U-Channel	30.45
AP-CP78UC-1P	7/8" x 20' U-Channel	20.50
AP-CP78C-1P	7/8" x 20' Corner Channel	OBSOLETE
AP-CP78HC-1P	7/8" x 20' H-Channel	OBSOLETE
	1 1/2 INCH	
AP-NP1530-24	1 1/2" x 30" x 24' Plank	205.00
AP-NP15UC-1P	1 1/2" x 20' U-Channel	23.00
AP-NP15HC-1P	1 1/2" x 20' H-Channel	53.45
AP-NPDRE-1P	1 1/2" x 20' Drop Rod Channel	36.65
	1 3/4 INCH	
AP-WP17532-24	1 3/4" x 32" Panel Tongue & Groove 24' Length	242.90
AP-WP175UC-1	1 3/4" Floor U-Channel 20' Length	30.50
AP-WP175CB-1	1 3/4" Ceiling Base-Channel 20' Length	40.40
AP-WP175PL-1	1 3/4" Ceiling Pivot-Leg Channel 10' Length	7.10
	2 INCH	
AP-FP2824-1P	2" x 8" x 24' Tongue & Groove Plank	70.85
AP-FP2820-1P	2" x 8" x 20' Tongue & Groove Plank	59.00
AP-FP2UC-1P	2" x 20' U-Channel	44.10
AP-FP2HC-1P	2" x 20' H-Channel	OBSOLETE
AP-FP1DRE-1P	2" x 20' Drop Rod Channel	52.20



The ideal paneling for sanitation, durability, and easy maintenance. Prelaminated for walls, ceilings, and dividers.

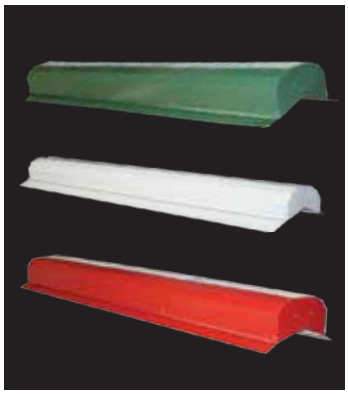
Note: Cannot be shipped UPS.

MADE IN AMERICA

Making a World of Difference

with Quality & Service

Since 1951, Plyco has stood by you and their products. Plyco offers a complete line of building products that surpass building codes and customer expectations. At Plyco, we've become the leader by delivering the quality products you and your customers demand.



PLYCO CORPORATION

HIGH PERFORMANCE PRODUCTS

800.558.5895 ◆ www.plyco.com

DOORS • WINDOWS • CUPOLAS • FASTENERS • RIDGE VENTS • SDR PACKAGES

PLYCO INSULATED UTILITY DOORS

CUSTOM DOORS AVAILABLE UPON REQUEST.

99 Series—Low-maintenance, energy-saving, economical, durable with an attractive appearance and easy installation. Features a polyurethane foam core for superior sound-deadening and insulating qualities. 9.5 R-value; odorless. Full-perimeter weather stripping. Back-set plate ensures added strength. White-painted, embossed steel skins. Three 4" x 4" butt hinges per door. Special sweep available for use with in-swinging applications. Noncorrosive fiberglass or aluminum skins optional. Aluminum frame.

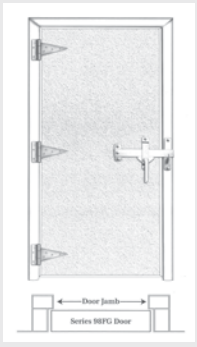
98 Series—A complete fiberglass jamb and door panel. The entire door system is rugged, non-rusting and is noncorrosive in most environments. It is available with stainless steel strap hinges that are bolted through the door panel. The door panel is nearly 2" thick and foam-filled to an R-value of 12.5. The door is prehung with a nailing flange attached.

Blank

Series 99 with window Left Hang Swing

Series 99 Pre-Hung

Standard Window



PLYCO CORPORATION

Deadbolt

Knob set

MODEL NO.	DESCRIPTION	PRICE
99 SERIES		
PLY-99ST-2068	24" x 6'8" Blank 2068 Door with Frame	**$298.00**
PLY-99ST-2068 PA	24" x 6'8" Blank 2068 Door Panel only	**296.15**
PLY-99ST-2668	30" x 6'8" Blank 2668 Door with Frame	**298.00**
PLY-99ST-2668 SLAB	30" x 6'8" Blank 2668 Door Panel only	**189.20**
PLY-99ST-3068	36" x 6'8" Blank 3068 Door with Frame	**298.00**
PLY-99ST-3068 SLAB	36" x 6'8" Blank 3068 Door Panel only	**203.40**
98 SERIES RUGGED DUTY		
PLY-98FG-3068S	36" x 6'8" 3068 Heavy Duty Door with Frame	**663.80**
AVAILABLE OPTIONS		
PLY-CTB3020SHSPW	CTB500 Step Saver 3020 Horizontal Sliding Window	**279.35**
PLY-1LA	20" x 24" Standard Window for 1 1/2" thick door	**76.35**
PLY-1LA-2	20" x 24" Standard Window for Doors 1 3/4-2"	**76.35**
PLY-LOCK-EZ-2K/K	Stainless Steel Locking Knob–Set	**41.70**
PLY-LOCK-EZ-2K/LDLK	Locking Dead bolt	**CALL**

Note: Cannot be shipped UPS.

9" THROAT RIDGE VENT

Sides, Skirt, Diverter:
29-gauge, lock-forming, quality prepainted steel
Braces, Damper:
26-gauge, lock-forming, galvanized steel
DAMPER RODS: 3/8" plated steel
BIRD SCREEN: 1/2" galvanized hardware cloth
FASTENERS: Aluminum rivets

MODEL NO.	DESCRIPTION	PRICE
PLY-MWCRV-904	Ridge Vent – 4' Long	**$177.25**

Note: Cannot be shipped UPS.

LOW-PROFILE RIDGE VENT

Available in many standard configurations.

- 1/2" mesh on top opening
- Exposed edges are hemmed
- Diverter completely overlaps throat opening
- Continuous drainage
- 1 1/2" wide nailing flange
- Optional bottom mesh
- Each vent comes with flashing
- 29-gauge brown or white prepainted steel construction
- 10' length

MODEL NO.	DESCRIPTION	PRICE
PLY-MW-100-35	Low-Profile Ridge Vent – 10' Long	**$164.10**

Note: Cannot be shipped UPS.

PLYCO INSULATED WALL VENTS

1 1/4" insulated polyurethane solid foam core. White embossed skins on interior and exterior. .055 extended aluminum panel. Surrounded with weatherstrip. 9.5 R-value. Top-hinged or pivoted. Four styles available in a variety of sizes.

MODEL NO.	DESCRIPTION	PRICE
PLY-I-7220	Top Hinge	**$308.75**
PLY-P1-8636	Center Pivot	**500.90**

Note: Cannot be shipped UPS.

NONSTOCKED ITEM. AVAILABLE ON SPECIAL ORDER BASIS.
Additional information available upon request.

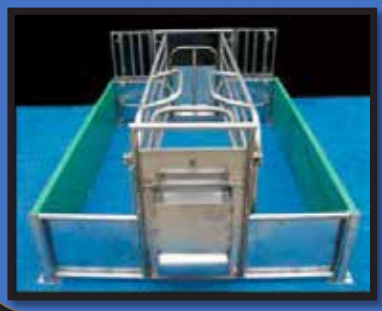
Made in U.S.A

THORP EQUIPMENT INC.

Quality Custom Stainless Steel Fabrication

N14160 County Road M Thorp,WI 54771
Phone: 1-715-669-5050 Toll Free: 1-800-827-5052
Fax: 1-715-669-5050
www.thorpequipment.com

Danish Farrow Free Stall



All Stainless Steel Crate made in the USA
Designed for commercial operations
Easy sow management and user friendly
Large square footage available
Adjustable width
Custom designed to meet your needs
Increased creep area
Animal welfare compliant
Available with many feeding options

Stainless Steel Doors

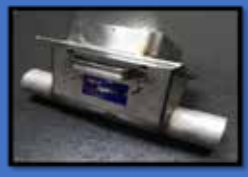
For interior and exterior use that is affordable and long-lasting
Great for any corrosive area
Single or Double Doors available
Door Construction:
Flush door with edge seam
Constructed of 18 ga.304 Stainless steel with vertical grain
Insulated with polystyrene core or optional fire rated plywood
Argon gas or Safety glass available

PVC & Stainless Gating

With vertical and horizontal stainless tubing. Available in a variety of sizes, style and colors.
Custom sizes of plastic available for panels

Color Options:

Single Unloader Box



Auger System that comes fully assembled, made from 304 Stainless Steel.

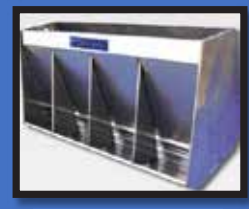
Double Unloader Box

Many accessories available. Call for Pricing!

Shelf Feeder

Best Seller

Dry Feeder



Heavy Duty

INLETS

Thorp's new air inlet was designed and tested to keep the most constant air flow ever seen in today's market.

Thorp Paneltim Pit Covers

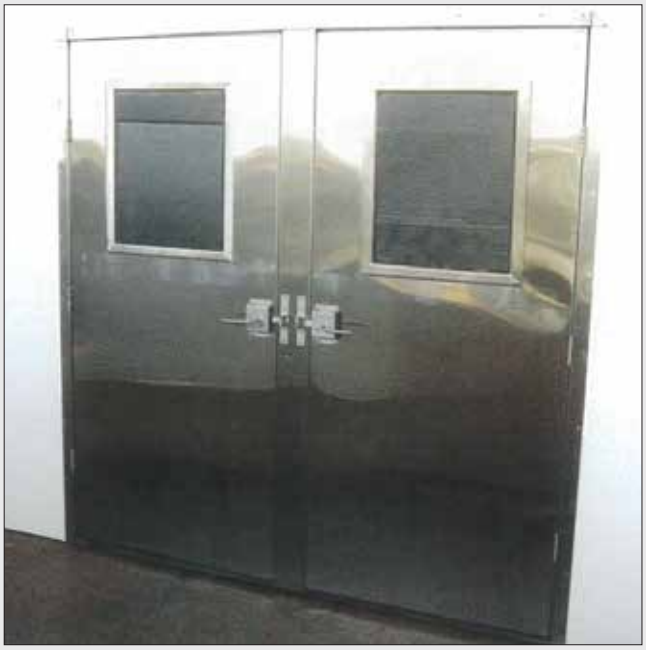
- Made out of 2"high density Polypropylene Plastic
- Extremely Durable
- No Assembly Required
- We offer custom sizes with or without a fan hole
- Variety of colors offered: White, Black, Green and Blue

THORP STAINLESS STEEL DOORS

Thorp Stainless Steel doors are available in 4 widths – 36", 42", 44" and 48". They can be ordered with or without a window. Double doors also may be ordered with or without windows. Double doors may be 36", 42", 44" or 48" or custom combinations are available. Windows may be ordered with insulated glass or safety impact glass with wire. All hardware comes stainless steel including different options in door handles, panic push bar, push-pull plate and door closure.

Left or right swing available.

CALL FOR PRICING



EPS SOFFIT SNOW DOOR

- Prebuilt soffit covering with "swing down" door
- Comes with bird screen attached
- Allows 3.5 ft of opening per 12" x 96" eave section
- Durable 5/8" plywood with white aluminum skin

MODEL NO.	DESCRIPTION	PRICE
EPS-Fibervent	12" x 96"	CALL

STAINLESS STEEL SLIDING SOFFIT DOOR

- 8' Sections
- Made of Stainless Steel for long lasting durability

CALL FOR PRICING

Closed

Open

Closed

Open

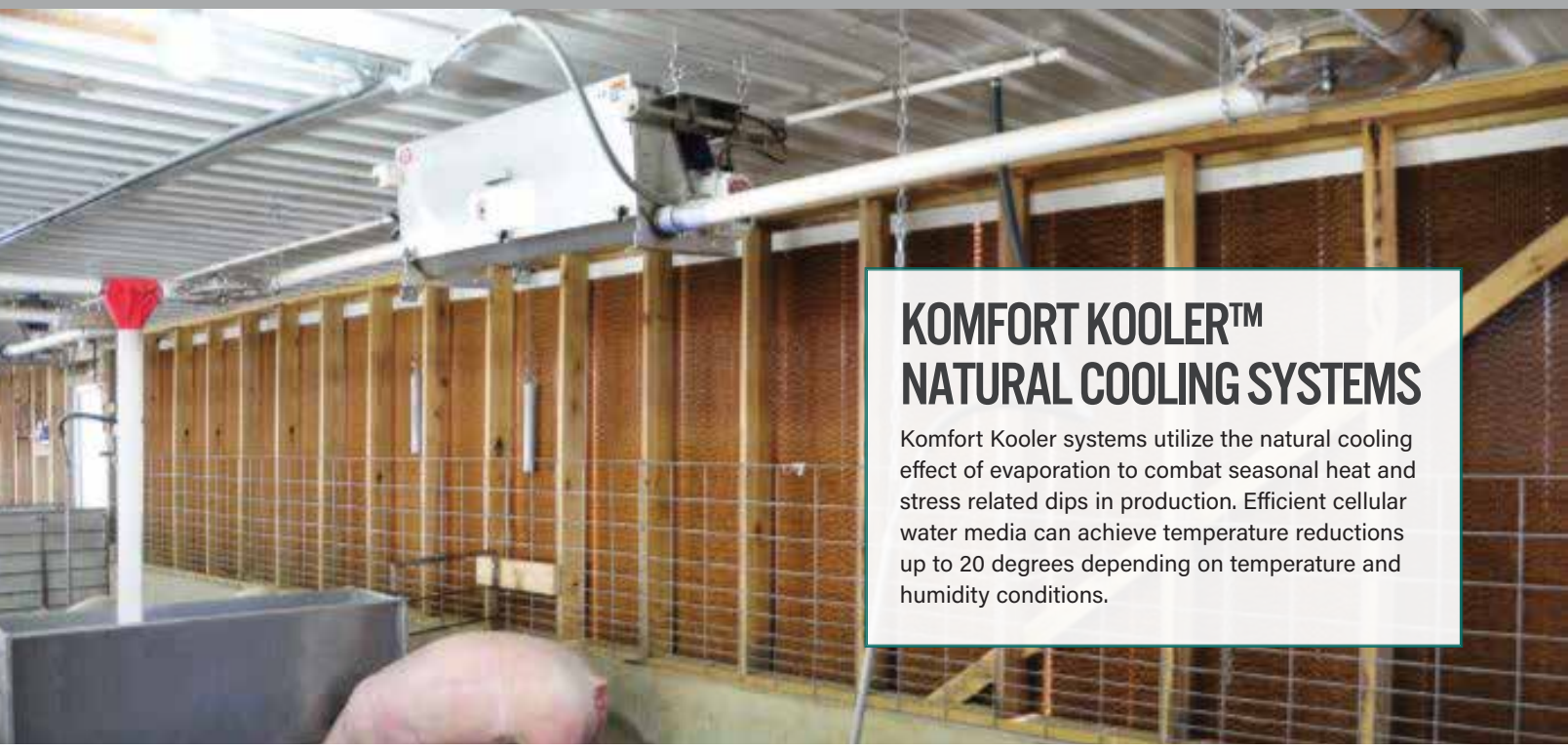
COOLING PRODUCTS

Jet Pump System 15
Komfort Kooler Open-Top System 15
AP Evaporative Cooling System Components - Open Top
- 6″ Base Kits 16
- Open Top Pad Options 16
- Open Top Recirculation Stainless Steel . . . 16

AP Evaporative Cooling System Components - Closed Top
- 6″ Base Kits 16
- Evaporative Cooling Pumps 16
- Evaporative Cooling Pads with Edge Guard 16
- Pad Retainers 16
- 6″ Distribution System - PVC 16
- Self-Contained System 16

Cool Stock Swine Cooling System
- Cool Stock Universal Control & Add-On Kits 17
- Cool Stock Components 17

Cool Stock 4-Zone Control System 17
Replacement Cool Cell Pumps 17
Edstrom Drip & Spray Cooling System 17



KOMFORT KOOLER™ NATURAL COOLING SYSTEMS

Komfort Kooler systems utilize the natural cooling effect of evaporation to combat seasonal heat and stress related dips in production. Efficient cellular water media can achieve temperature reductions up to 20 degrees depending on temperature and humidity conditions.

JET PUMP SYSTEM

Automatic float valve for matching the water supply with system demand. Includes priming basket so the pump can be installed above water level if necessary. Can be end mounted, center mounted, used as a dual pump system. Includes (2) unions allowing easy removal and storage during the winter months. 3/4 HP, 208/230v, 50/60 Hz, PSC continuous duty CSA approved motor. Center mount design for long runs allows system to continue seamlessly (no breaking pad or additional components).

MODEL NO.	DESCRIPTION	PRICE
HH-1062-5027	Jet Pump	**$313.10**

AP EVAPORATIVE COOLING SYSTEM COMPONENTS - OPEN TOP

AP OPEN TOP EVAPORATIVE COOLING SYSTEM

The Open Top system offers the grower easy access to manage and maintain their evaporative cooling system. It utilizes a combination of PVC and high quality stainless steel or aluminum for years of dependable operation.

- Manufactured from aluminum or stainless steel
- Allows for easy access to water jets & pressure checking
- No hassle access to the spray bar for cleaning
- Pre-punched components simplify installation
- Water deflectors insure pad wetting is uniform
- Cam-Lock system allows toolless pad installation & replacement

OPEN TOP RECIRCULATION-ALUMINUM

MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-RCS20OTA	Recirculating Cooling System–6" Pad x 20' Length	84.93	$375.20
AP-RCS10OTA	Recirculating Cooling System–6" Pad x 10' Length	46.57	205.00
AP-RCS50OTA	Recirculating Cooling System–6" Pad x 5' Length	26.32	142.90

ECS=Evaporative Cooling System

When ordering Wrap-Around Kit, two (2) Base Kits MUST be ordered.

6" BASE KITS - STAINLESS STEEL - OPEN TOP

MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-BK-62RCSOT	Evap Cooling Kit 2' h	10.22	$95.65
AP-BK-63RCSOT	Evap Cooling Kit 3' h	13.07	100.65
AP-BK-64RCSOT	Evap Cooling Kit 4' h	15.93	107.45
AP-BK-65RCSOT	Evap Cooling Kit 5' h	18.78	117.40
AP-BK-66RCSOT	Evap Cooling Kit 6' h	21.64	125.50

OPEN TOP RECIRCULATION - STAINLESS STEEL

MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-RCS-5-OT	Recirculating Cooling System–6" Pad x 5' Length	34.33	$175.80
AP-RCS-10-OT	Recirculating Cooling System–6" Pad x 10' Length	60.41	251.10
AP-RCS-20-OT	Recirculating Cooling System–6" Pad x 20' Length	112.61	496.95

AP EVAPORATIVE COOLING SYSTEM COMPONENTS - CLOSED TOP

AP CLOSED TOP EVAPORATIVE COOLING SYSTEM

6" BASE KITS - CLOSED TOP

MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-BK-62RCS	Evap Cooling Kit 2' h	5.8	$95.65
AP-BK-63RCS	Evap Cooling Kit 3' h	7.3	99.40
AP-BK-64RCS	Evap Cooling Kit 4' h	8.8	107.45
AP-BK-65RCS	Evap Cooling Kit 5' h	10.8	117.40
AP-BK-66RCS	Evap Cooling Kit 6' h	12.6	125.50
AP-60-0267	Coupler Trough		9.00
AP-60-0268	End Cap		8.40
AP-60-0269	End Cap with Drain		8.60

Items may be built to order. Longer lead times may be necessary.

Note: When ordering Wrap-Around Kit, two (2) Base Kits MUST be ordered.

ORDERING EXAMPLE:

MODEL NO.	DESCRIPTION	QTY
AP-BK-65RCS	6" RCS Evap Base Kit–5' h	1
AP-RCS-20	Recirculating Cooling System–6" Pad 20' Length	1
AP-RCS-10	Recirculating Cooling System–6" Pad 10' Length	1
AP-RCS-5	Recirculating Cooling System–6" Pad 5' Length	1
AP-EP-65	6" Evap Pad–5' h	30
AP-RSS	Recirculating Sump System	1
AP-ECP-6	Pump for Systems up to 65' Length	1
AP-PR-6RCS	6" Pad Retainer – RCS	29

If a 30' length x 5' height x 6" pad RCS evaporative cooling system is required, an order should be placed as shown above.

SELF-CONTAINED SYSTEM - FOR OPEN AND CLOSED TOP

MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-RSS	Recirculating Sump System for 6" ECS	14.7	$350.35
AP-WA-1RCS	Wrap-Around Kit RCS ECS	4.9	101.25
AP-RSS-JET	Recirculating Sump System for Jet Pump	56.40	308.75

ECS=Evaporative Cooling System

When ordering Wrap-Around Kit, two (2) Base Kits MUST be ordered.

EVAPORATIVE COOLING PUMPS

MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-ECP-8	Evaporative Cooling Pump, 60hz, 115V, 1pH	22	$211.80
†AP-ECP-7X	Evaporative Cooling Pump, 50/60hz, 230V, 1pH	21	CALL
AP-ECP-10	Evaporative Cooling Pump, 60hz, 230V, 1pH	37	329.25
†AP-ECP-10X	Evaporative Cooling Pump, 50/60hz, 230V, 1pH	37	387.60

†Items may be built to order. Longer lead times may be necessary.

6" DISTRIBUTION SYSTEM - PVC

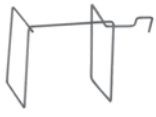
MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-RCS-5	Recirculating Cooling System–6" Pad x 5' Length	20.6	$141.00
AP-RCS-10	Recirculating Cooling System–6" Pad x 10' Length	38.8	254.70
AP-RCS-20	Recirculating Cooling System–6" Pad x 20' Length	68.7	501.30

EVAPORATIVE COOLING PADS WITH EDGE GUARD FOR OPEN & CLOSED TOP

MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-EP-64EGGS	6" Evaporative Cooling Pad 4' h x 12" w	2.1	
AP-EP-65EGGS	6" Evaporative Cooling Pad 5' h x 12" w	2.6	CALL FOR PRICING
AP-EP-66EGGS	6" Evaporative Cooling Pad 6' h x 12" w	3.1	

Items may be built to order. Longer lead times may be necessary. NOTE: Special pricing on truckload quantities. Call for quantities and pricing. Pad without edge guard available by Special Order. Call for pricing and details.

PAD RETAINERS



MODEL NO.	DESCRIPTION	WEIGHT (KG)	PRICE
AP-PR-6RCS	6" Pad Retainer – RCS	.01	$2.80
AP-PR-6RCSBX20	6" Pad Retainer – RCS Box of 20	1.30	52.80

COOLING SYSTEMS

COOLSTOCK SWINE COOLING SYSTEM

(FORMERLY KNOWN AS VISIONS, INC. AND METER-MAN)

ECONO COOL UNIVERSAL CONTROL

Econo-Cool offers producers an economical way to keep hogs comfortable and profitable during periods of warm weather.

The controller regulates the flow of water through the system. Controller automatically turns on and allows water to flow to the emitters.

Controller will cycle on and off at preset intervals. Quick, easy installation with snap-on emitters and mister. No drilling necessary!

Solenoids

MODEL NO.	DESCRIPTION	PRICE
MET-ECS500	Universal Control – Econo	$220.50
MET-UCS03 -D	Droplet Add Kit 24 drippers, hose, loop clamps	69.80
MET-UCS03-S180	180º Sprinkler Kit 12 sprinkler nozzles	69.80
MET-UCSO3-S360	360º Sprinkler Kit 12 sprinkler nozzles	69.80

QUAD COOL CONTROL

The Quad-Cool EC140 controller has four zones to reduce water demands. All four zones can be programmed independently and will cycle in sequence and the controller will step through all programmed zones until air temperature drops below thermostat temperature

- Four cooling zones
- Three temperature stages
- Easy to program
- 1 to 999 second On-time
- 1 to 999 minute Off-time
- Continuous temperature display in F or C
- 50 foot temperature sensor
- Relay output for optional pump
- Optional humidity override

MODEL NO.	DESCRIPTION	PRICE
MET-EC140	4-Zone System	$274.25
MET-UCS158-12V	1 1/2" 12V Solenoid	100.00
MET-UCS152-12S	1" 12V Solenoid	61.25
MET-UCS152	1" 115V Solenoid Valve	61.25

COOL STOCK COMPONENTS

A

B

C

D

E

F

MODEL NO.	DESCRIPTION	PRICE
MET-UCS152	1" Solenoid 115V ***[F]***	$61.25
MET-UCS04B	Dripper Nozzle ***[A]***	1.00
MET-UCS56	Coupling	1.10
MET-UCS06	Goof Plug	.21
MET-UCS07	Hole Punch	.70
MET-UCS08	Pressure Regulator 15 psi	8.40
MET-UCS10	Female Swivel Coupler Comp.	1.95
MET-UCS11	Male End Cap	1.40
MET-UCS60	Check Valve	11.35
MET-UCS12	Comp. Tee	1.70
MET-UCS24	Comp. Elbow	1.40
MET-UCS16	Loop Clamp	.05
MET-UCS13	.60 Tube 125'	.20/ft
MET-UCS14	.125 ID Tube 100'	.14/ft
MET-UCS15	Nylon Tie 12"	.08
MET-UCS17	3/4" Screw - Stainless Steel	.07
MET-UCS22	Transfer Barb	.20
MET-UCS23	360º Sprinkler (5/32" Base) ***[B]***	1.66
MET-UCS64	180º Sprinkler (5/32" Base) ***[C]***	1.20
MET-UCS65	360º 1/2" Soaker Nozzle ***[D]***	2.80
MET-UCS05	Mister ***[E]***	.55
AA-6 3560-00-319	Saddle Valve w/ Shutoff (blue)	1.65
RC-RCT-51	1/4" Male Plug	.40
RC-0404172	Double Swivel	6.75

REPLACEMENT COOL CELL PUMPS

Little Giant®

Little Giant® submersible pumps provide a quality and efficient supply of water to your evaporative cooling system. Call for assistance in selecting the correct pump for your specific system.

MODEL NO.	DESCRIPTION	PRICE
LIT-506266	6-CIM 3/10 hp 230V Manual	
LIT-506271	6-CIM 3/10 hp 115V Manual	
LIT-506158	6-CIA 3/10 hp 115V Automatic	
LIT-506166	6-CIA 3/10 hp 230V Automatic	CALL FOR PRICING
LIT-508057	8-CIM 4/10 hp 115V Manual	
LIT-508157	8-CIA 4/10 hp 115V Automatic	
LIT-510055	10-CIM 1/2 hp 115V Manual	
LIT-510155	10-CIA 1/2 hp 115V Automatic	
LIT-512155	12-CIA 1/2 hp 115V Automatic	

EDSTROM DRIP & SPRAY COOLING SYSTEM

MODEL NO.	DESCRIPTION	PRICE
E-7400-8940-015	C-440S Controller	$535.50
E-7400-8945-140	Solenoid Valve	124.55
E-7400-5255	Drip cool Add-On Kit	124.60
E-7400-5245	Spray Cool Add-On Kit	151.05
E-2320-5316-050	Spray Tip	6.75
E-2320-6004-050	Nozzle Spray Assbly w/ .5 Tip	8.50
E-2320-4491-110B	Dripper Nozzle	.60
E-6600-1727	Nylon Tie	.12
E-4500-4492	Hole Punch	4.00
E-2100-5234-015	Regulator	19.35
E-2000-5247-100B	Pinch Clamp	.42
E-1610-5359-005	1/2" Barb Elbow	1.00
E-1610-4496	5/32" x 5/32" Barb Connector	.25
E-1610-4493	5/32" Barb Plug (Goof Plug)	.10
E-1610-0845	1/2" Barb Connector	.70
E-1200-1713-016	Loop Clamp	.18
E-1610-0841	1/2" Tee Barb	.92
E-1600-4498-100	5/32" hose	.18/ft
E-1600-3304-100	1/2" Blue Hose	.50/ft

CURTAIN PRODUCTS

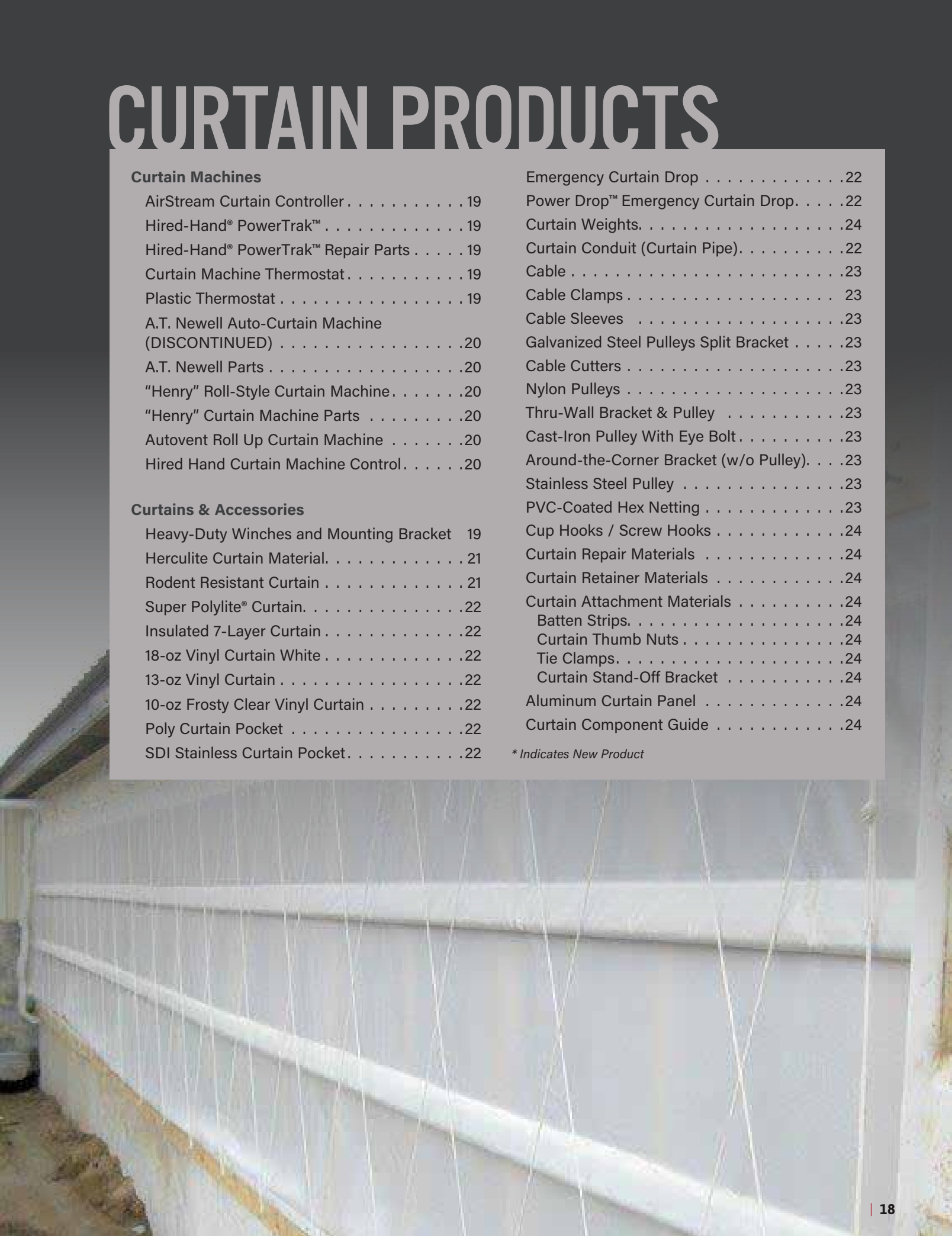
Curtain Machines

AirStream Curtain Controller 19
Hired-Hand® PowerTrak™ 19
Hired-Hand® PowerTrak™ Repair Parts 19
Curtain Machine Thermostat 19
Plastic Thermostat 19
A.T. Newell Auto-Curtain Machine (DISCONTINUED) 20
A.T. Newell Parts 20
"Henry" Roll-Style Curtain Machine 20
"Henry" Curtain Machine Parts 20
Autovent Roll Up Curtain Machine 20
Hired Hand Curtain Machine Control 20

Curtains & Accessories

Heavy-Duty Winches and Mounting Bracket 19
Herculite Curtain Material 21
Rodent Resistant Curtain 21
Super Polylite® Curtain 22
Insulated 7-Layer Curtain 22
18-oz Vinyl Curtain White 22
13-oz Vinyl Curtain 22
10-oz Frosty Clear Vinyl Curtain 22
Poly Curtain Pocket 22
SDI Stainless Curtain Pocket 22
Emergency Curtain Drop 22
Power Drop™ Emergency Curtain Drop 22
Curtain Weights 24
Curtain Conduit (Curtain Pipe) 22
Cable 23
Cable Clamps 23
Cable Sleeves 23
Galvanized Steel Pulleys Split Bracket 23
Cable Cutters 23
Nylon Pulleys 23
Thru-Wall Bracket & Pulley 23
Cast-Iron Pulley With Eye Bolt 23
Around-the-Corner Bracket (w/o Pulley) 23
Stainless Steel Pulley 23
PVC-Coated Hex Netting 23
Cup Hooks / Screw Hooks 24
Curtain Repair Materials 24
Curtain Retainer Materials 24
Curtain Attachment Materials 24
Batten Strips 24
Curtain Thumb Nuts 24
Tie Clamps 24
Curtain Stand-Off Bracket 24
Aluminum Curtain Panel 24
Curtain Component Guide 24

** Indicates New Product*



CURTAIN SYSTEMS

HIRED-HAND® POWERTRAK™

Super-strength, power pulley system boasts many new performance and durability enhancing features.

- Modular construction for ease of service
- 5,000-lb capacity
- Built-in head bracket with needle-bearing pulleys
- 15% increase in load block support surface
- Easy-adjust spring cam limit switch system
- Convenient hinged springlock door

Ceiling Mount

MODEL NO.	DESCRIPTION	PRICE
HH-6602-0200	1' Standard, 15 rpm	$773.95
HH-6602-3236	3' Sand Seal, 30 rpm	978.35
HH-6607-1600	Curtain Machine Control (PT-CU)	468.30

AIRSTREAM CURTAIN CONTROLLER

MODEL NO.	DESCRIPTION	PRICE
AIR-CC4830	Curtain Controller 48" 30RPM AVS	$1,059.10
AIR-CC3630	Curtain Controller 36" 30RPM AVS	945.40

HEAVY-DUTY WINCHES AND MOUNTING BRACKET

Superior-quality winches built of durable materials for longer life. Designed for strength and reliability.

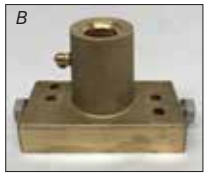
Ratchet

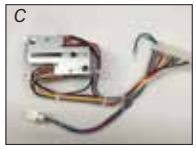
Mounting Bracket

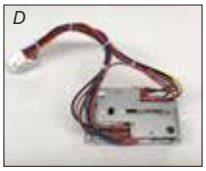
Worm Gear Winches

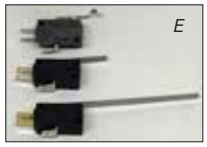
MODEL NO.	DESCRIPTION	PRICE
FE-DLW4010	5,000 lb Overhead D&L	$129.50
FE-8WN11500-WG	1,500 lb Worm gear, Single Drum	41.65
FE-8WN12000-WG	2,000 lb Worm Gear, Single Drum	42.65
FE-WORM1500	1,500 lb Worm Gear, Split Drum	44.75
FE-8WN12000-WG/SD	2,000 lb Worm Gear, Split Drum	47.85
FE-8WN10800	800 lb Ratchet	13.45
FE-8WN11000	1,000 lb Ratchet	CALL
	1,200 lb Ratchet	21.10
FE-8WN21400	1,400 lb Ratchet	23.95
FE-8WN22000	2,000 lb Ratchet	CALL
FE-RW2500	2,500 lb Ratchet	29.50
AIR-1821	3"x3"x9" Winch Mounting Bracket	21.75
BL17000	4"x4"x5" Galvanized Winch Mounting Bracket	7.95

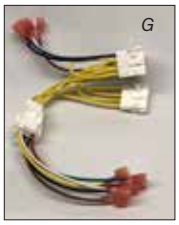
HIRED-HAND® POWERTRAK™ REPAIR PARTS











MODEL NO.	DESCRIPTION	PRICE
HH-6450-5038	NS Load Nut w/ Snap Ring	$37.90
HH-6450-5119	NS Load Block Assembly ***[A]***	112.45
HH-6402-1254	OS Brass Load Nut ***[B]***	65.25
HH-6402-2056	Limit Switch Assbly, 3-Wire ***[C]***	118.65
HH-6402-0125	Limit Switch Assbly, 9-Wire ***[D]***	96.25
HH-6402-0145	Limit Switch w/ Formed Lever ***[E]***	6.00
HH-3001-1572	Upper Limit Switch	6.60
HH-3001-1573	Rocker Switch	37.90
HH-3001-1570	Rocker Switch Short	6.60
HH-3001-1571	Lower Limit Switch	7.90
HH-6650-5024	Wiring Harness ***[F]***	72.70
HH-6650-5021	Wiring Harness ***[G]***	82.65
HH-6650-0062	15 rpm Motor 115V ***[I]***	351.60
HH-6650-0063	30 rpm Motor 115V	351.60
HH-6650-0064	60 rpm Motor 115V	404.40
HH-6607-1600	Curtain Control with Timer ***[J]***	408.30

CURTAIN MACHINE THERMOSTAT

MODEL NO.	DESCRIPTION	PRICE
AIR-AC28	Thermostat w/o cord	$170.80
AIR-AC28B	Thermostat w/ 50' cord	226.75

PLASTIC THERMOSTAT

MODEL NO.	DESCRIPTION	PRICE
HH-3005-2130	Plastic Thermostat	$61.50

A.T. NEWELL AUTO-CURTAIN MACHINE

After many years of service in the field, on Jan 1 of 2017 the production of new AT Newell curtain machines was discontinued by the manufacturer. Some replacement parts for this industry workhorse will continue to be available while supplies last. Midwest Livestock Systems will continue to maintain a working inventory of these replacement parts for as long as they are available from the manufacturer.

A.T. NEWELL PARTS

MODEL NO.	DESCRIPTION	PRICE
AIR-1439	1/2 hp Motor *[A]*	$282.00
AIR-1738	Timer Assembly *[B]*	130.45
AIR-1739	Timer Motor Only *[C]*	45.35
AIR-1412	Motor Pulley *[D]*	13.70
AIR-1423	Gear Case Pulley *[D]*	28.80
AIR-1351	V-Belt *[D]*	14.30
AIR-1558-1	Reversing Relay *[E]*	121.15
AIR-1572	Limit Switch *[F]*	17.40
AIR-1775	Raise-Lower Switch *[F]*	7.95
AIR-1776	Door Interlock Switch *[F]*	10.00
AIR-1573	Limit Switch Cover *[F]*	4.35
AIR-1126	Limit Switch Actuator *[G]*	23.90
AIR-1111	Drive Shaft *[I]*	68.65
AIR-1292	3/4" Bearing *[J]*	23.50
AIR-1121	Grooved Drum *[K]*	101.75

**Replacement gearboxes are no longer available.*

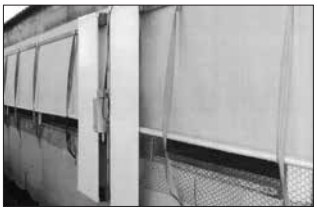
"HENRY" ROLL-STYLE CURTAIN MACHINE

Easy to install and maintain. No lift ropes or cables to break or snag. Fewer parts to replace.

ROLLER—Rolls curtain from bottom to top. Gear motor and control box moves with curtain. Moves in stainless steel track. Curtain is tight at all times. Helps eliminate wind whipping and excess abrasion.

Power Unit

Includes:
- Track mounting clips
- 2 pieces of 12" roll pipe (connectors)
- Power unit
- Stainless steel track
- Limit switches


Complete Assembly

Stainless Steel Track

MODEL NO.	DESCRIPTION	PRICE
ASH-C-MACH	Curtain Machine	$1,143.30

ALSO AVAILABLE IN MANUAL SYSTEM. PLEASE CALL FOR PRICING.

HIRED HAND CURTAIN MACHINE CONTROL

MODEL NO.	DESCRIPTION	PRICE
HH-6607-1600	Curtain Machine Control (PT-CU)	$468.30

"HENRY" CURTAIN MACHINE PARTS

MODEL NO.	DESCRIPTION	PRICE
ASH-301-002	NS Cast Iron Gear Box	$241.05
ASH-4GB50KA	Gear Motor	116.75
ASH-4RJ20GB-AUL	Motor	106.20
ASH-301-003	Bushing Adapter	24.60
ASH-303-001	Limit Switch w/Roller (shown)	41.85
ASH-2X901	Limit Switch	9.80

AUTOVENT ROLL-UP CURTAIN SYSTEM

The Curtain Drive Motor System has a "Simplistic Design". It uses a 24 volt motors and no electrician is needed.

- Takes the work out of curtain ventilation
- Simplicity in design for straightforward functionality
- Motors connect directly to manual or thermostat control or optionally controlled directly by the new computerized system VentGenie
- Fifteen feet of wire on the motor with cord guide to keep wire from getting tangled or ruined
- Cord guide pre-mounted and wire threaded from the factory
- Safe 24 volt motors, no electrician needed simple installation for DIY

CURTAIN SYSTEMS

HERCULITE CURTAIN MATERIAL

Herculite® curtain materials offer Livestock Producers a high quality option for their natural or tunnel facilities. Herculite is recognized in the United States for its toughness and durability. It's not the least expensive product, but a very solid value for the investment.

Manufactured and processed in the USA, Herculite products are quality material from beginning to end.

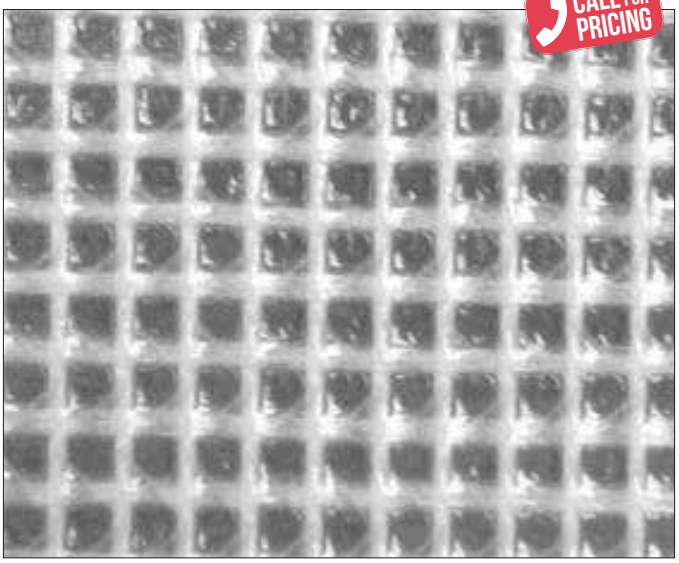
- Manufactured in the USA
- Available in 9.5 oz., 10 oz., and 18 oz. translucent options
- Special order options for 13 oz. and 18 oz. white material
- Standard hem is 4"
- Widths shown are finished measurement

MODEL NO.	DESCRIPTION	PRICE
HER-9.5 CLEAR 5'	5' 9.5 oz Frosty Vinyl	$2.10
HER-13 CLEAR 5'	5' 13 oz Transluscent	3.35
HER-18 CLEAR 5'	5' 18 oz Transluscent	5.95
HER-9.5 CLEAR 6'	6' 9.5 oz Frosty Vinyl	2.55
HER-13 CLEAR 6'	6' 13 oz Transluscent	3.90
HER-18 CLEAR 6'	6' 18 oz Transluscent	6.80
HER-9.5 CLEAR 7'	7' 9.5 oz Frosty Vinyl	3.25
HER-13 CLEAR 7'	7' 13 oz Transluscent	6.05
HER-18 CLEAR 7'	7' 18 oz Transluscent	7.70

RODENT RESISTANT CURTAIN

Herculite's new innovative 13 oz. Ag Curtain with R²X is designed with a proprietary formulation of natural additives designed to reduce common wear and tear inherent to use in an agricultural curtain environment. Additives aid in reducing rodent chewing activity on curtain material. When combining Herculite 13 oz. Ag Curtains with R²X, with good curtain care and maintenance, you will increase the life and performance of your curtain. Available in White and Frosty Clear.

R2X curtain is not guaranteed against rodent damage.



HERCULITE®
Powered by Innovation • Proven by Performance

Livestock Curtain Fabrics

Our long-life curtains are the industry standard for poultry, hog, and dairy applications. Proudly manufactured in the USA, they regulate ventilation quickly, conveniently and efficiently.

www.herculite.com
800-772-0036
Emigsville, PA

CURTAIN SYSTEMS

QUANTITY DISCOUNTS AVAILABLE

Grommets and second hem options available.

Deduct 4" for hem when figuring finished size of all non-insulated curtains with one hem.

Example: 36"–4" hem = 32" actual usable curtain

SUPER POLYLITE® CURTAIN

10" x 10" weave. 4.5 oz. Super-strength, lightweight curtain. Economy style. Woven clear polyethylene.

MODEL NO.	DESCRIPTION	PRICE
SS-SUH301	36" w	$.55
SS-SUH401	48" w	.70
SS-SUH501	60" w	.83
SS-SUH601	72" w	.98
SS-SUH701	84" w	1.17

Note: Polyethylene curtain is also available in 8 oz.

INSULATED 7-LAYER CURTAIN

7-layer curtain with estimated R-value of 3–4. Approximately 1/10" thick (when compressed). Widths shown are finished dimensions.

MODEL NO.	DESCRIPTION	PRICE
SS-INS.401	48" w - 4'	$5.90
SS-INS.501	60" w - 5'	6.20
SS-INS.601	72" w - 6'	7.00

18-OZ VINYL CURTAIN WHITE

MODEL NO.	DESCRIPTION	PRICE
SS-WVH501	60" w	$2.55
SS-WVH601	72" w	2.95
SS-WVH701	84" w	3.35

Available by special order.

13-OZ VINYL CURTAIN

Heavy-duty curtain material where natural light is desired.

MODEL NO.	DESCRIPTION	PRICE
SS-CVH501	60" w	$2.45
SS-CVH601	72" w	2.80
SS-CVH701	84" w	3.35
SS-CVH801	96" w	3.78

Note: Deduct 4" for hem. Deduct 3" for seam on curtain larger than 72". Also available in 48".

10-OZ FROSTY CLEAR VINYL CURTAIN

MODEL NO.	DESCRIPTION	PRICE
SS-CV0501	60" w	$1.90
SS-CV0601	72" w	2.10

Available drop ship only.

POLY CURTAIN POCKET

For use on curtain ventilated buildings. Vacuum-formed, noncorrosive polyethylene. UV-stabilized. Priced per pair.

MODEL NO.	DESCRIPTION	PRICE PER PAIR
PP-PCP-2066	20" x 66" Curtain Pocket	$108.50
LL-16498	18" x 84" Curtain Pocket	CALL

SDI STAINLESS CURTAIN POCKET

MODEL NO.	DESCRIPTION	PRICE PER PAIR
SDI-CPT84-01	Curtain Pocket 18" x 84" SS	$224.35
SDI-CPT66-01	Curtain Pocket 18" x 66" SS	179.50

EMERGENCY CURTAIN DROP

Automatically drops the side curtain of your confinement house in the event of power failure or (with optional thermostat) in the event of high-temperature extremes.

- 5-year warranty
- Simple 3-wire hookup
- 5-minute time delay
- Curtain chain kit to set drop distance

MODEL NO.	DESCRIPTION	PRICE
HH-6608-0100	Curt-O-Matic CMII 120V w/o thermostat	$165.25
HH-6608-0101	Curt-O-Matic CMII 120V w/ thermostat	218.05
HH-6608-0105	Curt-O-Matic CMII 240V w/o thermostat	165.25
HH-6608-0106	Curt-O-Matic CMII 240V w/ thermostat	218.05

POWER DROP™ EMERGENCY CURTAIN DROP

- Drops curtain during power failure
- Spring-loaded forced release
- Stainless steel construction
- Epoxy-sealed electromagnet
- Not affected by cold weather
- 5-minute drop delay

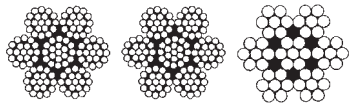
MODEL NO.	DESCRIPTION	PRICE
CT-PD240	Power Drop™ Emergency Curtain Drop	$212.95

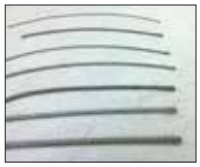
CURTAIN CONDUIT (CURTAIN PIPE)

MODEL NO.	DESCRIPTION	PRICE PER FT
65-00-1002	1/2" Galv., Swedged	CALL
WSS-0922120	3/4" Conduit, Galv., Swedged	.60
MEAD-TOP RAIL-16	1 3/8" Top Rail 16 ga, for Rolltop Curtain	1.50

CURTAIN SYSTEMS

CABLE





MODEL NO.	CABLE SIZE	BREAKING STRENGTH	PRICE
STAINLESS STEEL 7 X 19			
FE-2S9125	1/8"	1,760 lb/ft	$.24
FE-2S9156	5/32"	2,400	.32
FE-2S9187	3/16"	3,700	.43
FE-2S9250	1/4"	6,400	.62
FE-2S9312	5/16"	9,000	.95
FE-2S9375	3/8"	12,000	1.30
GALVANIZED 7 X 19			
FE-2G9125	1/8"	2,000 lb/ft	.10
FE-2G9187	3/16"	4,200	.16
FE-2G9250	1/4"	7,000	.25
FE-2G9312	5/16"	9,800	.36
7 X 7 PREFORMED CABLE-GALVANIZED			
FE-2G7062	1/16"	480 lb/ft	.03
FE-2G7093	3/32"	920	.05
FE-2G7125	1/8"	1,700	.06
FE-2G7156	5/32"	2,600	.11
FE2G7187	3/16"	3,700	.12

GALVANIZED STEEL PULLEYS SPLIT BRACKET

Preferred for heavy winching applications. For use with cable diameters up to 3/16".

MODEL NO.	DESCRIPTION	PRICE
FE-6PUL-1500	1 1/2" Pulley	$.65
FE-6SPUL-2500	2 1/2" Pulley	1.60

NYLON PULLEYS

Economical nylon swivel pulleys.

MODEL NO.	DESCRIPTION	PRICE
FE-6NPS-50750	3/4" Swivel	$.18
FE-6NPS-1750	1 3/4" Swivel	.60

CAST-IRON PULLEY WITH EYE BOLT

Pulley available with or without eye bolt. Use for most heavy winching applications. For use with cable diameters up to 1/4".

MODEL NO.	DESCRIPTION	PRICE
FE-6PUL-3500	3 1/2" Pulley w/ eye Bolt	$4.00
FE-6PUL-4500	3 1/2" Pulley w/o eye Bolt	3.40
HH-6450-1759	3 1/2" Pulley w/o Eye Bolt w Needle bearing & Zerk	4.95

STAINLESS STEEL PULLEY

MODEL NO.	DESCRIPTION	PRICE
BS-18076	7/8" SS Nylon Swivel Pulley	$.40
BS-18138	1 3/8" SS Split	1.50
SA-P15ST	1 1/2" SS Pulley H.D.	5.55
SA-P30ST	3" SS Pulley H.D.	13.05
SA-P1538BM	1 1/2" SS Pulley Base Mount	11.50

CABLE CLAMPS

MODEL NO.	DESCRIPTION	PRICE
STAINLESS STEEL CLAMPS		
FE-6WRCS125X1	1/8" Ss Cable Clamp	$1.26
FE-6WRCS187X1	3/16" SS Cable Clamp	1.42
FE-WRCS250	1/4" SS Cable Clamp	1.60
FE-SWRC312	5/16" SS Cable Clamp	2.45
FE-SWRC375	3/8" SS Cable Clamp	3.70
GALVANIZED CABLE CLAMPS		
FE-WRCG125	1/8" Galv. Cable Clamp	.11
FE-WRCG187	3/16" Galv. Cable Clamp	.16
FE-WRCG250	1/4" Galv. Cable Clamp	.25
FE-WRCG312	5/16" Galv. Cable Clamp	.30
FE-WRCG375	3/8" Galv. Cable Clamp	.50
FE-WRCG500	1/2" Galv. Cable Clamp	.75
FE-WRCG625	3/4" Galv. Cable Clamp	.95
FE-WRCG750	5/8" Galv. Cable Clamp	.95

CABLE SLEEVES

Join cable or form loops with aluminum cable sleeves. Use hand swage tool to install.

MODEL NO.	DESCRIPTION	PRICE
FE-1/16 SLEEVE	1/16" Sleeve	$.04
FE-1/8 SLEEVE	1/8" Sleeve	.06
FE-1/8-3/16 SLEEVE	1/8" x 3/16" Sleeve	.12
FE-6ASL187	3/16" Sleeve	.12

CABLE CUTTERS

MODEL NO.	DESCRIPTION	PRICE
TS-102446 (112235)	3/16" Cable Cutter	CALL
TS-A59020	3/8" Cable Cutter	CALL
BI-637	5/32" Cable Cutter	25.60

THRU-WALL BRACKET & PULLEY

MODEL NO.	DESCRIPTION	PRICE
HH-6450-0123	Thru-Wall Bracket & Pulley	$7.05

AROUND-THE-CORNER BRACKET *(w/o pulley)*

MODEL NO.	DESCRIPTION	PRICE
AIR-1820	Around-the-Corner Bracket	$34.81

PVC-COATED HEX NETTING

150-ft rolls of tensile steel wire mesh. Galvanized with pure zinc after twisting. Coated with PVC.

MODEL NO.	DESCRIPTION	PRICE
SHEP-1C wire	1x150' Roll	$28.85
SHEP-2C wire	2x150' Rolls	53.50
SHEP-3C wire	3x150' Rolls	77.90
SHEP-4C wire	4x150' Rolls	104.40
SHEP-5C wire	5x150' Rolls	120.25
SHEP-6C wire	6x150' Rolls	153.30

CURTAIN SYSTEMS

CUP HOOKS / SCREW HOOKS

Used to hang curtain pulleys.

Screw Eye – Overall Length: 3 5/8";
Stem Length: 2 5/8";
Thread Length: 1 1/8"; Eye I.D.: 9/16".

Screw Hook – Overall Length: 3 1/2";
Stem Length: 2 1/2";
Thread Length: 1 5/8";
Hook Opening 1/4".

MODEL NO.	DESCRIPTION	PRICE
FE-7LAGHOOK250	1/4" x 4" Screw Hook (zinc)	$.20
99-50-0004	3/8" x 4" Screw Hook (zinc)	.40
MW-140212/OE	1/4" x 3 3/4" Open Eye Screw (zinc)	.64
MW-140212	1/4" x 3 3/4" Closed Eye Screw (zinc)	.52
MW-140212/OE-SS	1/4" x 3 3/4" Open Eye Screw SS	1.25
FE-LAGHOOK250-SS	1/4" x 4" Screw Hook SS	1.10

Stainless steel recommended for use in treated lumber and aluminum ceilings.

CURTAIN RETAINER MATERIALS

MODEL NO.	DESCRIPTION	PRICE
SC-294-040-70	1/8" x 1,000' Nylon Cord	$.07/ft
SC-294-060-70	3/16" x 1,000' Nylon Cord	.12/ft
SR-150-22-90	2" Curtain Strapping (Seatbelt)	.55/yd
FAST-6253900	2" Beveled Washer	.15 ea

ALUMINUM CURTAIN PANEL

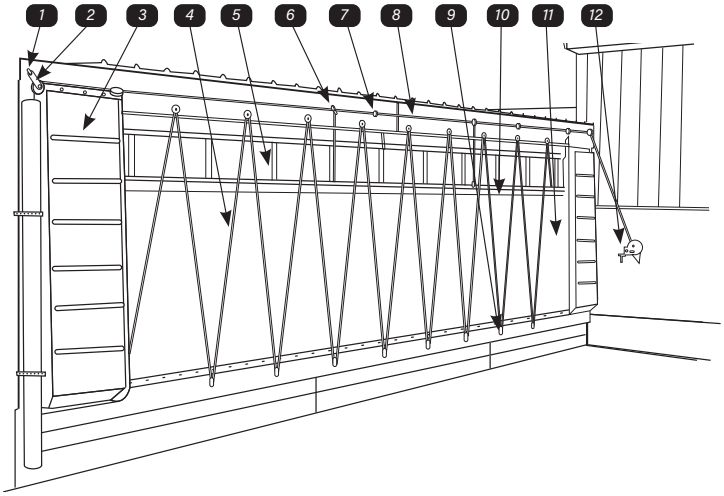
- Pre-formed product for top of curtain opening
- Hemmed bottom—no sharp edges
- Won't shrink and buckle like treated lumber

MODEL NO.	DESCRIPTION	PRICE
ABC-16102	16" Aluminum Curtain Panel—10'	$24.95

CURTAIN COMPONENT GUIDE

1. 3/8 x 4" Screw Hook
2. 2 1/2" Steel Pulley
3. Curtain Pocket
4. Curtain Cord 1/8" or 3/16"
5. PVC-Coated Bird Wire
6. 3/4" Nylon Swivel Pulley
7. Tie Clamp
8. Cable–1/8" or 3/16", Galv. or Stainless Steel
9. Closed Eye Screw
10. Curtain Conduit 1/2", 3/4", or 1"
11. Curtain Material
12. Hand Winch

Match numbers with the diagram to the right. This will help show you what the part looks like and what it is used for.



CURTAIN REPAIR MATERIALS

MODEL NO.	DESCRIPTION	PRICE
CURTAIN REPAIR TAPE		
SS-RTC320	60' roll Tape	$19.05

Apply to both sides of the curtain area. Use on poly and vinyl curtains.

CURTAIN GLUE		
HER-111907	CVVD Adhesive qt	$21.40

Adhesive cement to attach curtain remnants.

**Cannot be shipped UPS.*

BELT AND CURTAIN REPAIR THREAD		
BS-66500	Sewing thread 1 lb	$30.90
BS-66501	Waxed sewing thread 27 yd	4.40
BS-66600	Bent sack needles	1.85

Waxed thread for sewing curtain by hand.
Sewing thread for splicing with a machine.
3-inch bent sack needles for sewing by hand.

CURTAIN ATTACHMENT MATERIALS

BATTEN STRIPS

MODEL NO.	DESCRIPTION	PRICE
NU-A-14	Aluminum Batten Strip 8'	$4.80
NU-A-14-13"	Aluminum Batten Strip 8' w/ Predrilled Holes	5.50
NU-A-14-10	Aluminum Batten Strip 10'	7.25
TH-144718	#10 x 1 1/2 Tek Screw (Self Tap) w/ Neo Washer	.16

CURTAIN THUMB NUTS

MODEL NO.	DESCRIPTION	PRICE
BI-1041	1/8" Curtain Thumb Nut	$.38
BI-1042	3/16" Curtain Thumb Nut	.38

TIE CLAMPS

MODEL NO.	DESCRIPTION	PRICE
99-50-0328	Open 1/8"	$.10
BS-16181	Closed 1/8"	CALL
FE-WRGC187	3/16" Galv. Cable Clamp	.16

Used to attach curtain lift cords to cable.

CURTAIN STAND-OFF BRACKET

MODEL NO.	DESCRIPTION	PRICE
P-C001	Stand-Off Bracket	$5.95 ea

A secure antibillowing cord at bottom of insulated curtain creates gap to allow insulated curtain to fold and stack.

CURTAIN WEIGHTS

MODEL NO.	DESCRIPTION	PRICE
P-WEIGHT	Curtain Weight – All Metal	$24.10

ELECTRICAL & MOTORS

Orion Lighting Fixtures

Apollo Vaportight Narrow Body Fixture - VTON1 25
Apollo Vaportight Narrow Body Fixture - WTLED2 25
VLACO RAYDOT Surge Protector 25

Electrical Supplies

PVC Toggle Switch Covers. 26
Switches. 26
Duplex Receptacles 26
Single Receptacles 26

Lighting

Retroliter® Heat Lamp. 26
Halco® Incandescent Bulbs 26
Spiral Screw-In Lamps 26
SATCO 23W Replacement Bulbs 26
Glass Globe Jar Light 26
Greenlite Agricultural Lighting 26
Q-Lux Retrofit LED Utility Light 27
Q-Lux New Construction LED Utility Light . . 27
Comfort Zone 20. 27
Herdstar Micro Zone 27
Microzone Heat Lamp Accessories. 27
Wire 27

Motors

Leeson Variable Speed Fan Motors 28
Leeson Direct Drive Auger Motors 28
Leeson Farm Duty Motors 28
Motor Replacement Cord. 28
Marathon Fan Motors. 28
MTU-Onsite PTO Alternators 28
MTU-Onsite Generators 28
Power Twist Plus V-Belts 28

** Indicates New Product*

ORION LIGHTING FIXTURES

APOLLO® VAPORTIGHT NARROW BODY FIXTURE - VTON1

Orion Energy Systems product is Splash Zone Certified.

Durable, versatile fixture suitable for demanding environments that require a dust-proof fixture or watertight seal.

- Offered in both 4' and 8' lengths
- Acrylic, impact resistant, shallow ribbed frosted lens
- High pressure washdown up to 1500 PSI
- Available in 120-277v, 347v and 480v. Hardwired power connection is standard with additional power connection options available.
- 125,000 hours per L70 TM-21 @25°C

APOLLO® VAPORTIGHT NARROW BODY FIXTURE - WTLED2

APOLLO WTLED2 was designed for demanding interior environments that require a wet-rated enclosed fixture in both high and low bay settings such as agricultural and exterior industry, business, industrial and warehouse docks.

- Sealed and gasketed powder coated aluminum body and lens frame
- Available in 120-277v, 347v and 480v
- 125,000 hours per L70 TM-21 @ 25°C
- Available options with Lumen range from 12,000 to 32,000

CALL FOR QUOTE & SPECIFIC DETAILS FOR YOUR APPLICATION

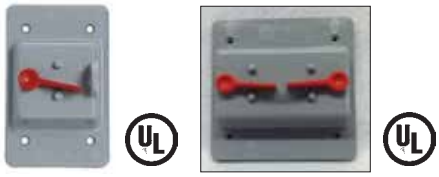
VAL-CO RAYDOT SURGE PROTECTOR

- Lightning/surge suppression tool
- Economical protection for ventilation controls and telephone lines
- Enhance surge suppression built into electronic equipment

MODEL NO.	DESCRIPTION	PRICE
PAX-VE-013-001	Deadbolt, Phone Surge Suppressor	CALL
PAX-VE-016-001	Deadbolt, Control Circuit Surge Suppressor	145.75

PVC TOGGLE SWITCH COVERS

MODEL NO.	DESCRIPTION	PRICE
GEN-e98tsc	Single Toggle	$6.45
EFS-e9g2ssn	Double Toggle	CALL



SWITCHES

- Grounding and side-wired
- Clear plating provides some corrosion resistance

MODEL NO.	DESCRIPTION	VAC	AMPS	PRICE
EL-PAS 660	Single Pole	120-227	15	$1.10
EL-PAS 663-IG	3-Way	120-227	15	CALL
EL-PAS CS20AC1	Single Pole	120-227	20	CALL
EL-PAS CS20AC3	3-Way	120-227	20	CALL

DUPLEX RECEPTACLES

- Duplex
- 2-pole, 3-wire
- Straight blade
- Side-wired
- 125V
- NEMA 5
- UL-listed

MODEL NO.	AMPS	COLOR	PRICE
GEN-PAS3232B	15	Brown	$.85
GEN-PAS3232I	15	Ivory	.852
GEN-PAScr20I	20	Ivory	CALL
GEN-PAScr20	20	Brown	CALL
EXTRA HEAVY-DUTY			
GEN-5652	15	Brown	CALL FOR PRICING
GEN-5652i	15	Ivory	
GEN-5352	20	Brown	
GEN-5352i	20	Ivory	

SINGLE RECEPTACLES

MODEL NO.	DESCRIPTION	PRICE
GEN-525II	Single 15A, Straight Blade	CALL FOR PRICING
GEN-535Ii	Single 20A, Straight/Side-Wired	

RETROLITER® HEAT LAMP

- Adjustable hanger attached to the 9′ cord for easy adjustment
- Lamp holder is fully enclosed to protect against breakage and water penetration
- Shock-absorbing nonmetallic shade/enclosure will not dent or corrode and reduces the risk of damage to the heat lamp
- UL-approved
- Unconditional 3-year warranty

MODEL NO.	DESCRIPTION	PRICE 1-63	PRICE 64+
RET-HSHLF	Retroliter	$16.50	$15.00
RET-HSHLCHA	Cord & Holder Assbly.	10.25	-
RET-HSHLCHA-COM	Cord & Holder Assbly.	16.90	-
RET-HSHLFHA	Complete Hanger Assbly.	1.25	-

HALCO® INCANDESCENT BULBS

MODEL NO. Frosted	MODEL NO. Clear	DESCRIPTION	PRICE
HLC-H6319	HLC-H6318	25W	
HLC-H6320	HLC-H6324	40W	
HLC-H6321	HLC-H6325	60W	CALL FOR PRICING
HLC-H6322	HLC-H6326	75W	
HLC-H6323	HLC-H6327	100W	
HLC-H6029	HLC-H6028	150W	
HLC-H6031	HLC-H6030	200W	

SATCO 23 WATT REPLACEMENT BULB

MODEL NO.	DESCRIPTION	PRICE
SAT-S6023	Replacement 28W Bulb	CALL

GLASS GLOBE JAR LIGHT

MODEL NO.	DESCRIPTION	PRICE
EL-EPC 15015	Glass Globe Jar Light	$5.25
GEN-EPC15050B	Incandescent Fixture	10.25
GEN-EPC15090	Base Only	10.60
GEN-EPC15047	Junction Box	5.35
RET-15247	Spider Junction Box 3/4"	7.50

SPIRAL SCREW-IN LAMPS

MODEL NO.	DESCRIPTION	PRICE
RET-23W/ELS/27K	23W 2,700 K Lamp	CALL
RET-399205	40W 2,700 K Lamp	$6.10

GREENLITE AGRICULTURAL LIGHTING

Energy-efficient fluorescent lamps cut lighting bills by as much as 85%.

- 5 times more efficient than incandescent bulbs
- All ballasts are gravity-dipped in a 100% polyester resin
- Ballast is virtually immune to moisture
- Average ballast life of 45,000 hours
- Average lamp life of 10,000 hours

MODEL NO.	DESCRIPTION	PRICE
LAMPS OR ADAPTER ONLY		
RET-5W27KLAMP	5W Fluorescent Lamp	$.95
REt-7W27KLAMP	7W Fluorescent Lamp	1.00
RET-9W27KLAMP	9W Fluorescent Lamp	1.10
RET-13W27KLAMP	13W Fluorescent Lamp	1.10
RET-5WULAdapter	5W Adapter	5.25
RET-7WULAdapter	7W Adapter	5.25
RET-9WULAdapter	9W Adapter	5.25

ELECTRICAL & MOTORS

Q-LUX RETROFIT 12 WATT LED UTILITY LIGHT

The Q-Lux™ retrofit LED utility light is a rugged, long-lasting LED light designed to replace the existing light bulb and glass jar in a traditional jar fixture. No additional wiring is necessary. The Q-Lux is able to be pressure washed for easy cleaning.

Features:

- Replaceable polycarbonate lens with wide angle optics
- Long life - 50,000 hours +
- Fits most jar bases (3-1/4" dia. threads for easy installation)
- No additional wiring necessary
- Dimmable for customizable lighting conditions

MODEL NO.	DESCRIPTION	PRICE
KSP-QX1205R	Retrofit 5000K Q-Lux™ (swine)	**$49.00**

COMFORT ZONE 20™ *Heat Lamp Bulb*

- Helps spread uniform heat, unlike traditional bulbs
- Provides larger comfort zone for pigs, reducing "hot spot"directly under the bulb that pigs avoid

MODEL NO.	DESCRIPTION	PRICE 1-34 PCS	PRICE 35+ PCS (2 CASES)
RET-CZ20	Heat Lamp Bulb	**CALL**	**CALL**

HERDSTAR MICRO ZONE CONTROL

- Group heat lamp and heat mat control
- Regulate creep zone temperature for optimal piglet comfort
- Reduce pre-wean mortality
- 0-100% variable power output
- Ramps temperature down as pigs get older
- Each Power Modulator will operate one 20 Amp circuit
- Each MicroZone Controller will manage up to 12 Power Modulators

Independent Power Company tests confirm **20%** power savings over 1 year.

MODEL NO.	DESCRIPTION
GM-ASY-000023	MicroZone MC100 Lamp & Mat Controller
GM-ASY-000046	MicroZone MPM100 Power Modulator
GM-ASY-000049	MicroZone MPS100 Power Supply 110VAC
GM-ASY-000049	Temperature Sensor TS3

CALL FOR PRICING

Q-LUX NEW CONSTRUCTION 12 WATT LED UTILITY LIGHT

The Q-Lux™ is a rugged, long-lasting LED light designed for new construction that easily locks into Energyficient's Q-Box™. No assembly screws, no gasket to handle, simply twist and lock and it's dustproof and watertight! The Q-Lux™ is able to be pressure washed for easy cleaning.

MODEL NO.	DESCRIPTION	PRICE
KSP-QX1205C	New Construction 5000K Q-Lux™ (swine)	**$43.25**
KSP-QH1000S	New Construction Q Hub Base (A)	**5.95**

**Hub required for new construction bulb.*

HEAT LAMP ACCESSORIES

MODEL NO.	DESCRIPTION	PRICE
VALUE BULB		
AG-125W-HEAT LAMP	125W Heat Lamp Bulb	**$1.85**
AG-250W-HEAT LAMP	250W Heat Lamp Bulb	**1.85**
PHILLIPS HEAT LAMP BULB		
RET-175 Phillips	Heat Lamp, par 38/175W Bulb	**CALL**
HEAT LAMP REFLECTORS & PARTS		
MS-BJ209	Brooder w/ 9' Cord (w/o Bulb)	**8.85**
MS-S20	Porcelain Socket	**1.40**
MS-SC18	Spring Clamp	**CALL**
REPLACEMENT CORD		
MS-BJ209CORD	18-2 9' 110V Replacement Cord	**2.65**

WIRE

MODEL NO.	DESCRIPTION	PRICE
EL-TEL24-4PC5E	UV Rated Nonburial CAT5E 4PR Wire	**$.24/ft.**

LEESON

LEESON VARIABLE SPEED FAN MOTORS

MODEL NO.	HP	RPM	SHAFT	FRAME	PRICE
GEN-100803	1/4	1,625	1/2"	482	$145.00
GEN-100824	1/4	1,075	1/2"	482	158.50
GEN-100804	1/3	1,625	1/2"	482	158.50
GEN-100767	1/3	1,625	5/8"	56	171.25
GEN-100825	1/3	1,075	1/2"	48	171.25
GEN-100806	1/3	1,075	5/8"	56	184.75
GEN-111323	1/2	1,625	5/8"	56	175.50
GEN-101645	1/2	1,075	1/2"	48	251.30
GEN-111321	1/2	1,075	5/8"	56	206.85
GEN-111919	1/2	825	5/8"	56	263.05
GEN-111324	3/4	1,625	5/8"	56	CALL

LEESON DIRECT DRIVE AUGER MOTORS

MODEL NO.	HP	RPM	SHAFT	PRICE
GEN-117887	1/3	1,800	1/2"	$201.75
GEN-117888	1/2	1,725	1/2"	221.75
GEN-117889	3/4	1,800	1/2"	259.10
GEN-117883	1	1,800	5/8"	227.95
GEN-117884	1 1/2	1,800	5/8"	345.50

LEESON FARM DUTY MOTORS

Dust-tight. Fully gasketed. Capacitor start motor. Heavy-duty ball bearings. Electronic or protected mechanical starting switch.

MODEL NO.	HP	RPM	SHAFT	FRAME	PRICE
GEN-113256	1/3	1,725	5/8"	56	$192.75
GEN-110086	1/2	1,725	5/8"	56	209.15
GEN-110087	3/4	1,725	5/8"	56	251.70
GEN-110088	1	1,725	5/8"	56	2891.35
GEN-110089	1 1/2	1,725	5/8"	56H	341.70
GEN-110090	2	1,725	7/8"	56HZ	396.50
GEN-131542	3	1,740	1 1/8"	184T	551.20
GEN-131543	5	1,740	1 1/8"	184T	663.95
GEN-140130	7 1/2	1,740	1 3/8"	215T	865.65
GEN-140414	10	1,740	1 3/8"	215T	1039.40

MOTOR REPLACEMENT CORD

110V. Replacement cord sets available in 6', 9', and 12' lengths. Cord sets complete with ends. Black rubber cord.

MODEL NO.	DESCRIPTION	PRICE
MS-MR68	6' 110V Male 18/3	
MS-MR98	9' 110V male 18/3	
MS-MR128	12' 110V male 18/2	CALL FOR PRICING
MS-MR364	6' 110V male 14/3	
MS-MR394	9' 110V male 14/3	

220V available upon request.

MARATHON FAN MOTORS

- High torque
- Ball bearings
- Rigid base
- Single phase

MODEL NO.	HP	RPM	SHAFT	PRICE
TS-MR3010	1/4	1,700	1/2"	
TS-MR3030	1/3	1,700	1/2"	CALL FOR PRICING
TS-MR3031	1/3	1,100	1/2"	
TS-MR3050	1/2	1,700	1/2"	

MTU-ONSITE PTO ALTERNATORS

- Five-year warranty
- 1% automatic voltage regulation
- Easy-to-use speed indicator light for precise RPM and voltage control
- The highest efficiency ratings in the industry
- Four-pole slow speed, 1800 RPM, totally brushless design
- Full-load connector through 105kW, receptacle, and circuit breaker standard
- Full-load testing of each and every production unit
- Solid-state, full-wave brushless exciter for reliability and superior motor starting
- 100% copper windings
- Helical gear drive

formerly Katolight

PHASE	MODEL	kW RANGE	VOLTAGE
1 Phase	KLM1	25, 40, 50, 60, 75 & 100	120/240
3 Phase	KLM3	45, 55, 65, 85, 105 & 135	120/240,120/208, 277/480

MTU-ONSITE GENERATORS

Since 1952, world-class generator sets have been helping farmers meet their need for reliable power in hog and poultry confinement facilities, greenhouse environments, dairy operations, aquaculture, and a host of other critical farm power needs.

formerly Katolight

POWER TWIST PLUS V-BELTS

Power Twist Plus V-belts outperform conventional rubber drive belts and all other link V-belts. A high-performance, polyurethane elastomer reinforced with multiple plies of polyester fabric provides an incredibly strong, yet flexible belt with the same horsepower ratings as classical section V-belts. The best materials give excellent resistance to extremes of temperature, abrasion, exposure, oils, grease, water, steam, and common industrial solvents and chemicals.

Unique Twist Lock Design V-belt

MODEL NO.	DESCRIPTION	PRICE PER FOOT
GRA-3ZP07	A/4L (100' Roll)	$11.50
GRA-6L772	B/5L (25' Roll)	13.50

FEEDERS & FEED SYSTEMS

Feeders

AP Schauer Electronic Sow Feeding System . 30
* Jyga Technologies Gestal Group Housing Feed System 30
Lactation Feeders AP 32
SDI Lactating Sow Ad Lib Feeder 31
Dry Wean-to-Finish Max Feeder Series 31
SDI Stainless Steel Hog Feeders
Nursery Single 31
Nursery Double 31
Finish Double 31
Wean-to-Finish 31
Farmweld® Feeders
Jumbo Wean-to-Finish Feeders 32
Nursery Feeders 32
R Adjust 32
Crystal Spring Feeders and Nipples
Original Crystal Spring Wet/Dry Feeder 34
Maximum Capacity High-Pile Hopper Extension and Feed Drop Guard 34
Extended Height Crystal Spring Wet/Dry Feeder 34
Crystal Spring Nipple & Waterlines 34
Slat Savers 38
Osborne® Big Wheel® Feeder 38
Mini Hopper Pan Feeder 38
Flip-to-Clean Feeder Post 38

Feed Storage Bins

Meridian Feed Storage 45
25/16 Bin Bottom Conversion Kit 39
Sioux Steel® Hog Feeders 45
VALCO Bulk Bins with 40° Roof 39
* VALCO Way-Back Lid 42
Prairie Pride Poly Bins 42
9′ 6″ Prairie Pride Bin 42
Prairie Pride Portable Bins 42
* PWA Poly Bin - 8′ Series 42
Schuld/Bushnell Bins 45

Feed Bin Accessories

E-Z Power Head Drop Sensor With Time Delay 44
* Tube Clamp 44
Chain 44
Indicators
Model 640M 44
Model 640 & 640XL 44
Flo-Rite Bottom-Mount Agitator 43
Bintrac™ Feed Weighing System 44
Smart IR Feed Sensor 38
Bin Master FeedView 38

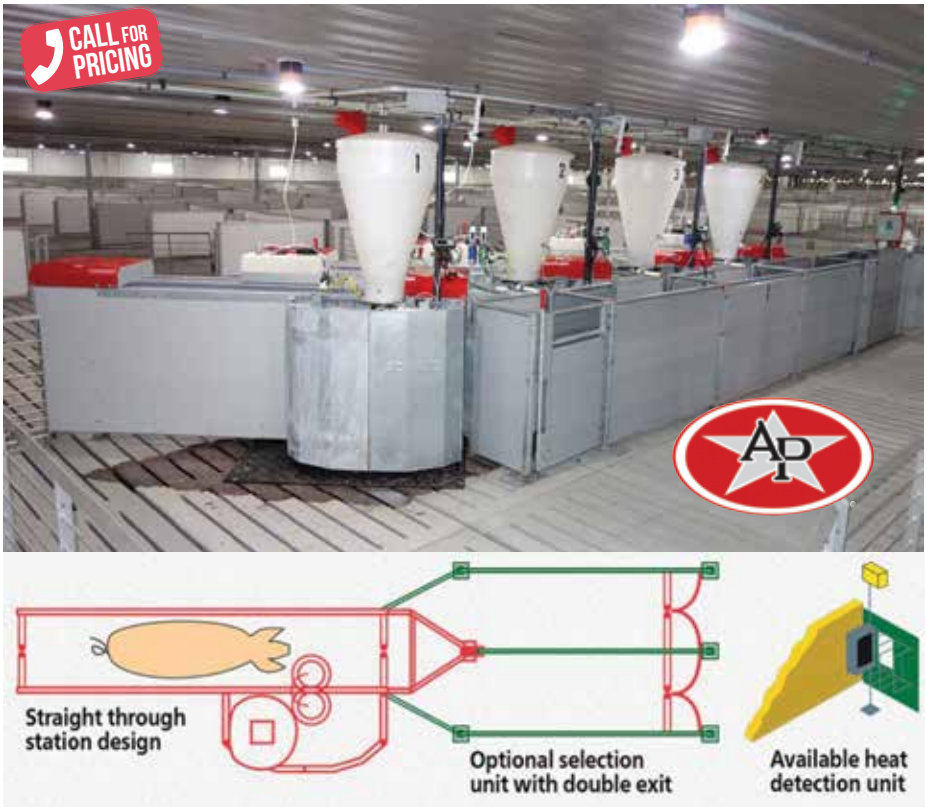
Feed Systems

Automated Production Feed Systems
AP Bulk Feed Tanks 35
AP Bin Lid 35
Flow Hammer 35
Flex-Flo Clean-Out Door Kit 35
FLX 220 Feeding System Components 36
FLX 300 Feeding System Components 36
Automated Production Flex Auger Parts 37
Automated Production Chain Disk Parts . . . 38
VALCO Volumetric Drop 38
AP Ultra Drop 44
VALCO/PAX Feed System
PAX Flexible Auger Automatic Feed System
PAX 2.2″5 Feeding System Components . . . 40
PAX 3″ Feeding System Components 40
VALCO/PAX Flexible Auger Automatic Feed System
Clear Plastic Transitions 41
Bearing & Anchor Assemblies 41
Pinions 41
Flex Auger 41
VALCO All-Out Feed Drop Kit 41
Mix Mill Products
CX Screens 43
D Screens 43
Hammers 43
Hub & Hammer Sets 43
SmartIR Feed Sensor 43
Halo Feed System Control 43
Choretime Anchors & Pinions 43

** Indicates New Product*

AP SCHAUER ELECTRONIC SOW FEEDING SYSTEM

- Feed station recognizes sow through RFID tag
- Trough extends if sow has not consumed daily allowance
- Feed is mixed with water to improve palatability and allow sows to eat more efficiently
- Micro-doser allows for computer-controlled supplementation of diets
- Sow can enter station even after she has eaten; therefore no negative reinforcement is displayed
- Station can be programmed to sort animals based on production criteria
- Two different color-marking options available
- Extremely durable feeder with years of proven reliability
- Superior feeder design allows up to 80 sows to be fed per day per feeder
- Exit chutes allow timid sows to time their exit while the next sow is eating



JYGA TECHNOLOGIES GESTAL GROUP HOUSING FEED SYSTEM

Imitating an individual gestation crate, the Gestal 3G feeding stations need only minimal training time. Engineered for pork producers, by pork producers, our products are strongly built and reliable. The crate is heavy built and so simple that there is not much that can go wrong. All of our Gestal products are certified ip66 and Nema 4x (waterproof and extreme weather resistant).

- Easy to install and adapt to any building type or size (new or retrofit).
- Reliable wireless system, each unit is 100% autonomous.
- Simpler for sows to adapt than traditional ESF systems.
- Decreases competition and aggression over feed access.
- Offers pen design flexibility to optimize sow welfare for your specific project.
- Easy use of handheld tablets and automated reports to improve in-barn sow monitoring.
- Improve individual sow body condition management.
- Best price/quality ratio in the industry.
- Using two feed lines, the 3G is able to blend multiple diets according to each sow's prescribed needs.

SDI STAINLESS STEEL HOG FEEDERS

SDI provides Nursery Feeder Solutions uniquely adapted to each customer. All models use 20-gauge, 304 stainless steel. Selectable to 20 positively locked feed settings for optimum feeding efficiency. Available in single- or double-sided models. Proven systems with a professional edge.

SDI provides Wean-To-Finish Solutions uniquely adapted to each customer. All models use 18-gauge, 304 stainless steel (16-gauge components available). Selectable to 20 positively locked feed settings for optimum feeding efficiency. Available in single- or double-sided models. Proven systems with a professional edge.

NURSERY SINGLE

MODEL NO.	MODEL	LENGTH	WIDTH	HEIGHT	CAPACITY	PRICE
SDI-NM24-104	NS-6	36 1/4"	12"	31"	136 lb	CALL FOR PRICING

NURSERY DOUBLE

MODEL NO.	MODEL	LENGTH	WIDTH	HEIGHT	CAPACITY	PRICE
SDI-NM36-206	ND-6	36 1/4"	17"	31"	160 lb	CALL FOR PRICING

FINISH DOUBLE

MODEL NO.	MODEL	LENGTH	WIDTH	HEIGHT	CAPACITY	PRICE
SDI-FM60-206	FD-6	60 1/4"	25"	34"	391 lb	CALL FOR PRICING

WEAN-TO-FINISH

MODEL NO.	MODEL	SIDES	HOLES	LENGTHS	PRICE
SDI-WF30-222	WFDH-2	2	2	30"	
SDI-WF42-223	WFDH-3	2	3	42"	
SDI-WF56-224	WFDH-4	2	4	56"	CALL FOR PRICING
SDI-WF70-225	wfDh-5	2	5	70"	
SDI-WF84-226	WFDH-6	2	6	84"	

SDI LACTATING SOW AD LIB FEEDER

PUT YOUR SCOOP AND FEED CART AWAY! THERE IS A BETTER SOLUTION!

Provides better feed consistency, while still keeping the lactation feed intake high. Low-cost, low-maintenance - Saves your staff time and labor that can be used to save more pigs! Feed wastage and spoilage eliminated! Use SDI's sow feeder with a feed tube that is easily adjusted and set.

- Heavy Duty 16 GA, 304 stainless steel
- Sloped Bottom - Keep more feed accessible to the sow
- Available in 14" and 16" widths
- Available in left or right hand
- Sloped or flat bottom option
- Three adjustment options available

Adapter kit available to retro existing sow feeders with ad lib adjustable feed tube assembly.

DRY WEAN-TO-FINISH MAX FEEDER SERIES

The Wean-to-Finish MAX feeder is 2" DEEPER in the trough feed spaces than the traditional Wean-to-Finish feeder, to give more head space to large finishing pigs. The MAX feeder is especially designed to provide adequate eating space for hogs being finished at 300+ lbs., a growing trend in the current market!

Features

- Deep Feed Spaces - for hogs being finished at heavier weights
- Option of EZ Adjustment or Hand Crank Adjustment system
- Solid Panel Dividers or V-Guard Dividers - either option available
- Traditional Feed Space Dimensions (14" or more) - designed for hog comfort and accessibility of feed
- Feed Saving Lip - saves feed and money

MAX with solid divides

MAX with V divides

FARMWELD® FEEDERS

JUMBO WEAN-TO-FINISH FEEDERS

- Heaviest available 16-gauge end panel and divider stainless steel construction
- 18-gauge stainless steel hopper
- 36" high for more feed capacity
- 14" holes, max. 8–10 pigs per hole
- 12" deep feed spaces, 70% more than competitors
- Multispace dividers reduce fighting and promote performance

CALL FOR PRICING

MODEL NO.	DESCRIPTION
FW-CF42DASO	3-Hole Double-Sided 42"
FW-CF56DASO	4-Hole Double-Sided 56"
FW-CF70DASO	5-Hole Double-Sided 70"

NURSERY FEEDERS

- Heavy-duty 18-gauge end panel stainless steel
- 20-gauge stainless steel hopper
- 30" high
- 6" holes, crank-style adjustment
- Recommended 4 pigs per hole

CALL FOR PRICING

MODEL NO.	DESCRIPTION
FW-CN24DAOO	4-Hole Double-Sided 24"
FW-CN30DAOO	5-Hole Double-Sided 30"
FW-CN36DAOO	6-Hole Double-Sided 36"
FW-CN42DAOO	7-Hole Double-Sided 42"
FW-CN48DAOO	8-Hole Double-Sided 48"
FW-CN60DAOO	10-Hole Double-Sided 60"

LACTATION FEEDERS

FOR LACTATING SOWS

The Intak dispenser's patented design provides reliable feed flow and delivers a regulated amount of feed to sows with each actuation.

- Fresh feed available 24 hours a day
- Increase feed intake during lactation
- Decrease feed waste
- More contented sows
- Improved sow condition and breed-back
- Heavier, healthier pigs at weaning
- Save time and labor cost

MODEL NO.	DESCRIPTION	PRICE
AP-3921	Intak Feed Dispenser	$51.55
AP-4328	Intak Hopper	29.80
AP-4318	Flat Bottom Sow Feeder	CALL

R ADJUST™

The revolutionary R Adjust™ System, available on Farmweld feeders, provides INFINITE control over feed adjustments, better control over feed costs, and easier management all with no more clicks. The R Adjust System's innovative assembly uses a combination of tension, friction, and leverage for concise, worry-free control over feed dispersion.

Farmweld feeders come with the standard adjustments or with the new R Adjust System if requested.

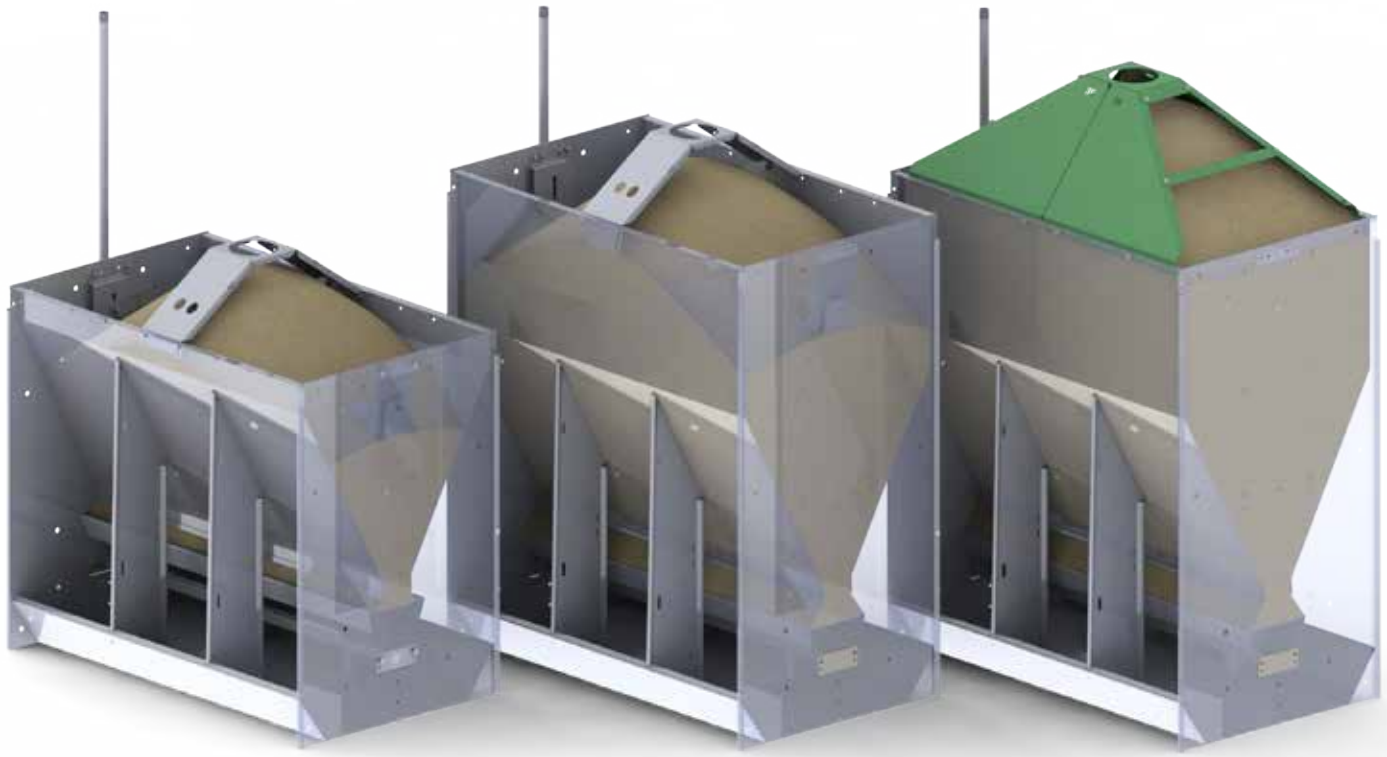
THE TRUE AMERICAN FEEDER

▪ Certified 304 stainless steel ▪ MADE IN THE USA

855-306-6354 | www.sdimfg.com

CRYSTAL SPRING

HOG EQUIPMENT



Maximize Capacity to Increase Productivity, Decrease Waste and Reduce Management

All Crystal Spring® Wet/Dry Grow-Finish and Wean-Finish Feeders are available in both the traditional 31" (0.79M) and 41" (1.04M) height for 80% more feed storage capacity.

With the new **Maximum Capacity High-Pile Hopper Extension and Feed Drop Guard**, feed storage capacity can be increased by 60-90% while reducing feed drops and protecting the feed pile from heavier market-weight hogs. Available for both new and existing installations of larger (4'+) Crystal Spring® Wet/Dry Grow-Finish and Wean-Finish Feeders.

Crystal Spring Hog Equipment, Ltd. • crystalspring.com • (402) 227-8228 • info@cshe.com

CRYSTAL SPRING FEEDERS AND NEW NIPPLES

ORIGINAL CRYSTAL SPRING WET/DRY FEEDER

Crystal Spring Wet/Dry Feeders are designed for today's production environments. Configurations are readily available for early wean, early-wean to finish, wean-finish and grow-finish with between 1 to 12 feed spaces per feeder. The only nipple engineered specifically for use in a wet/dry feeder increases the operating window of pressures to optimize gain with a wet/dry feeder and eliminates the need for a second pressure regulator in most cases.

Standard mounting hole locations across the product line and multiple mounting options are also available to ship with orders.

CRYSTAL SPRING FEEDER SERIES

Wet/Dry Feeder-to Finish (40–280+ lbs)..... **F1**
Wet/Dry Wean-to-Finish (14–280+ lbs)..... **F2**
Single Sided Wet/Dry Feeder-to-Finish (40–280+ lbs)..... **F3***
Water-Space Wean-to-Finish (40–280+ lbs)..... **F16**
Water-Space Wean-to-Finish + Two-Stage Feed Shelf (8–280+ lbs) ..**WF8**
Wet/Dry Wean-to-Finish + Two-Stage Feed Shelf (8–280+ lbs)... **WF9**
Water-Space Nursery Feeder (8–50+ lbs)..... **N2****
Wet/Dry Sow Feeder..... **S2****

Add 80% more feed capacity with an Extended Hopper X Series , 40" tall option available.

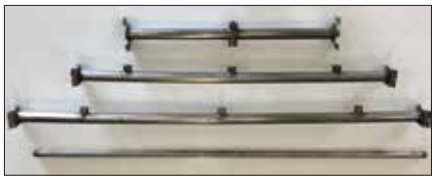
Patented EZ-Adjust provides precise control for standard and two-stage feed shelves.

MODEL NO.	PIGS PER SIDE	DESCRIPTION	PRICE
GM-SERIES-115	12–16	15" 1-Hole per side	
GM-SERIES-230	24–32	30" 2-Hole per side	
GM-SERIES-342	33–42	42" 2-Hole per side	
GM-SERIES-348	36–48	48" 3-Hole per side	CALL FOR PRICING
GM-SERIES-460	48–64	60" 4-Hole per side	
GM-SERIES-572	60–80	72" 5-Hole per side	
GM-SERIES-686	72–96	86" 6-Hole per side	

**Single-sided feeders feed half the pigs as a double-sided model.*

***Ask for Nursery & Sow model details.*

REPLACEMENT WATER LINES FOR CRYSTAL SPRINGS FEEDERS



MODEL NO.	DESCRIPTION	PRICE
GM-P12-0501-348	Water Line 48" Round	$115.40
GM-P12-0501-460	Water Line 60" Round	139.75
GM-H12-0053	Water Pipe 48" Vertical	27.00
GM-P12-0501-224	Water Line 24" New Style	79.50
GM-P12-0501- _36	Water Line 36"	98.75

FEED TUBE RETAINER

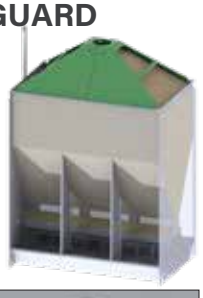
MODEL NO.	DESCRIPTION	PRICE
GM-P11-1071	Feed Tub Retainer	$21.45

MAXIMUM CAPACITY HIGH-PILE HOPPER EXTENSION AND FEED DROP GUARD ELBOWS & BRACKETS

Available for both new and existing installations of larger (4'+) Crystal Spring® Wet/Dry

Grow-Finish and Wean-Finish Feeders, the High-Pile Extension and Feed Drop Guard increases feed storage capacity by up to 90% while reducing feed outages and protecting the feed pile from heavier market-weight hogs.

** Shown in green and only for 2007 and newer feeders.*



MODEL NO.	DESCRIPTION	PRICE
GM-M14-0050-48	48" High Pile Extension	$56.40
GM-M14-0050-60	60" High Pile Extension	$61.50
GM-M14-0050-72	72" High Pile Extension	$75.50
GM-H12-0017	Elbow SS Oldstyle F/F	5.00
GM-H12-0018	Elbow 90° Street	6.70
GM-M14-001	Pipe Support Bracket SS Vertical	2.30

EXTENDED HEIGHT CRYSTAL SPRING WET/DRY FEEDER

Crystal Spring Wet/Dry Feeders are available in a 41" tall extended hopper configuration feeder as well as the original 31" tall feeder which increases storage capacity by 80% and is better suited for current market-weight hogs.

CALL FOR PRICING

CRYSTAL SPRING NIPPLE

The only nipple engineered specifically for use in a wet/dry feeder with a patented design to help water flow to the nipple adapt to variable water pressure in the barn and increase the operating window of pressures to optimize gain with a wet/dry feeder.

MODEL NO.	DESCRIPTION	PRICE
GM-H19-0034	Crystal Springs Nipple Green (Nursery)	$11.20
GM-H19-0037	Crystal Springs Nipple Orange (Finishing)	$11.20

AP BULK FEED TANKS

The high quality of AP's bulk feed tanks begins by using the best raw materials available. Each stage of manufacturing–from corrugation to die-cut shaping to precision finishing–is controlled at our own facilities to assure quality is maintained

- Durable - High tensile, galvanized sidewall sheets
- Deep Corrugation - 2.66" corrugation
- High Strength Ladders - Roll formed sides, dimpled rungs for better grip
- Stable - Roll formed 6 bend legs
- Hopper slope options - 60* or 67*

DIMENSIONS & SPECIFICATIONS 6' - 15' DIAMETER BULK FEED TANKS

DIAMETER (FEET)	DIAMETER (METERS)	NO. OF RINGS	ANGLE OF HOPPER	FILL HEIGHT (FEET), 30° ROOF	FILL HEIGHT (METERS), 30° ROOF	FILL HEIGHT (FEET), 40° ROOF	FILL HEIGHT (METERS), 40° ROOF	*MAX CAPACITY (BU), 30° ROOF	*MAX CAPACITY (BU), 40° ROOF	*MAX CAPACITY (CU.FT.), 30° ROOF	*MAX CAPACITY (CU.FT.), 40° ROOF	*MAX CAPACITY (M.TONS), 30° ROOF	*MAX CAPACITY (M.TONS), 40° ROOF	*MAX CAPACITY (US.TONS), 30° ROOF	*MAX CAPACITY (US.TONS), 40° ROOF
6'	1.83	1	60°	10' 9"	11' 3"	3.28	3.43	111	118	138.0	147.60	2.50	2.67	2.76	2.95
6'	1.83	2	60°	13' 5"	13' 11"	4.09	4.25	171	178	212.6	222.21	3.86	4.03	4.25	4.44
6'	1.83	3	60°	16' 1"	16' 7"	4.90	5.06	231	238	287.2	296.82	5.21	5.38	5.74	5.93
6'	1.83	4	60°	18' 9"	19' 3"	5.72	5.87	291	298	361.8	371.43	6.56	6.74	7.24	7.42
7'	2.13	1	67°	13' 8"	14' 3"	4.16	4.35	185	196	230.1	244.96	4.17	4.44	4.60	4.89
7'	2.13	2	67°	16' 4"	16' 11"	4.97	5.16	266	278	331.6	346.51	6.02	6.29	6.63	6.93
7'	2.13	3	67°	19' 0"	19' 7"	5.78	5.97	348	360	433.2	448.06	7.86	8.13	8.66	8.96
7'	2.13	4	67°	21' 8"	22' 3"	6.60	6.78	430	441	534.7	549.61	9.70	9.97	10.96	10.99
7'	2.13	5	67°	24' 4"	24' 11"	7.41	7.60	511	523	636.3	651.16	11.54	11.82	12.73	13.02
7'	2.13	6	67°	27' 0"	27' 7"	8.22	8.41	593	604	737.8	752.71	13.39	13.66	14.76	15.05
9'	2.74	1	60°	14' 3"	15' 1"	4.33	4.59	308	332	383.9	413.81	6.96	7.51	7.69	8.27
9'	2.74	2	60°	16' 11"	17' 9"	5.15	5.41	443	467	551.8	581.68	10.01	10.56	11.04	11.63
9'	2.74	3	60°	19' 7"	20' 5"	5.96	6.24	578	602	719.6	749.55	13.06	13.60	14.39	14.99
9'	2.74	4	60°	22' 3"	23' 1"	6.77	7.04	713	737	887.5	917.42	16.10	16.65	17.75	18.34
9'	2.74	5	60°	24' 11"	25' 9"	7.59	7.85	848	872	1055.3	1085.28	19.15	19.70	21.11	21.70
9'	2.74	6	60°	27' 7"	28' 5"	8.40	8.66	983	1007	1223.2	1253.15	22.19	22.75	24.46	25.06
12'	3.66	2	60°	20' 8"	21' 11"	6.29	6.67	887	946	1109.7	1177.87	20.15	21.38	22.18	23.55
12'	3.66	3	60°	23' 4"	24' 7"	7.10	7.49	1126	1186	1407.7	1476.30	25.57	26.80	28.15	29.52
12'	3.66	4	60°	26' 0"	27' 3"	7.91	8.30	1365	1426	1706.1	1774.73	30.99	32.22	34.12	35.49
12'	3.66	5	60°	28' 8"	29' 11"	8.73	9.11	1604	1666	2004.5	2073.17	36.42	37.64	40.08	41.46
12'	3.66	6	60°	31' 4"	32' 7"	9.54	9.93	1842	1905	2302.9	2371.60	41.84	43.05	46.05	47.43
15'	4.57	2	60°	24' 2"	25' 10"	7.37	7.87	1554	1658	1934.8	2064.39	35.12	37.48	38.69	41.28
15'	4.57	3	60°	26' 10"	28' 6"	8.18	8.68	1929	2033	2401.1	2530.69	43.59	45.94	48.02	50.61
15'	4.57	4	60°	29' 6"	31' 2"	8.99	9.50	2304	2408	2867.4	2996.99	52.06	54.41	57.34	59.93
15'	4.57	5	60°	32' 2"	33' 10"	9.80	10.31	2678	2783	3333.7	3463.29	60.52	62.87	66.67	69.26

* 6' - 15' BULK FEED TANKS (BFT - 60 & 67 DEGREE HOPPERS)

- Designed for the storage of free flowing material having a maximum density of 40 lbs. per cubic foot
- Bushel capacities are calculated with no compaction and to full cubic foot capacities
- Weight capacities are calculated at 40 lbs. per cubic foot
- Add 19" to the fill height for top of cap height

WARNING! Non-free flowing materials including (but not limited to) soybean meal and meat by-products should not be stored in these tanks due to their inherent nature of bridging. Check with your material supplier on the flowability of your product prior to purchasing a tank. If in doubt about a specific product, contact the AP engineering department for additional recommendations. Some features are optional and may be available only on certain models. Consult your local AP dealer for details.

AP BIN LID

- Available for 30˚ and 40˚ roof profiles
- Plastic lid that is rugged & durable
- Factory assembled for easy installation
- Simplified clamp-band installation of lid assembly to peak ring
- Reinforced rubber bumper provides additional protection to peak ring
- Internal magnet adds additional force to keep lid closed
- Clamp-band design allows installation in 360˚ orientation

MODEL NO.	DESCRIPTION	PRICE
BLK-13080	BFT Lid with 30 degree Peak Ring and Hardware	**$314.35**
BLK-13101	BFT Lid with 40 degree Peak Ring and Hardware	**314.35**

FLOW HAMMER

- Helps minimize feed bridging events to keep feed flowing consistently to animals
- Can be installed on a full or empty bulk feed tank
- Low maintenance and simple installation (no field modifications to the tank are required)
- Control unit has both timed and sensor-controlled modes:
  - The timed mode uses an "on" time and a "cycle" time to control the Flow Hammer when the feed system is running
  - The sensor mode uses a sensing device to detect a feed flow issue and activates the Flow Hammer. Once the event has ended, the Flow Hammer shuts off.
- 240 volt power supply required
- Simple and concise control units with test mode
- Control unit can be remotely mounted or tank mounted with optional leg bracket

CALL FOR PRICING

FLEX-FLO CLEAN-OUT DOOR KIT

Designed to allow the user to have vision to what is happening on the inside of the Flex-Flo unloaders. Optional replacement for the FLX-4239 Clean-Out Plate Assembly that comes standard. For models 220, 300, 350, HR, & 500. Single unloaders require one Flex-Flo Clean-Out Door Kit, twin unloaders require two.

MODEL NO.	DESCRIPTION	SIZE	PRICE
FLX-5127	Flex-Flo Clean-Out Door Kit	8.5"w x 5.25"h	**$23.00**

AUTOMATED PRODUCTION FLEX FEED SYSTEM

FLX 220 FEEDING SYSTEM COMPONENTS

MODEL NO.	DESCRIPTION	PRICE
FLX-2459	1/2 hp Direct Drive Motor and Gearbox 358 rpm	$414.30
FLX-2460	3/4 hp Direct Drive Motor and Gearbox 358 rpm	451.00
FLX-2461	1 hp Direct Drive Motor and Gearbox 358 rpm	542.90
FLX-2462	1-1/2 hp Direct Drive Motor and Gearbox 358 rpm	654.10
FLX-2432	220 Drop Kit w/Pull Cord	10.90
FLX-5298	Control Models 220 / 330 with hardware *Includes:* ***[D]***	159.00
	1 FLX-5226A Control Unit Body	36.65
	1 FLX-5230 Inspection Door	6.05
	1 FLX-5350 Control Box	106.25
FLX-5275	Model 220 Direct Drive Driver w/Plastic Tube	38.50
FLX-4682	Single Out Lower Boot with hardware *Includes:* ***[A]***	205.00
	1 FLX-4646 Anchor & Bearing	64.00
FLX-4408	Unloader w/o Anchor & Bearing	156.55
FLX-4682A	FLX-4682 kit including an Adapter Panel ***[B]***	172.05
BLK-11137	*Also needed to complete single out boot*	54.70
	1 Single Trnsfr Plate	
FLX-4694DT	Twin Out Lower Boot with hardware *Includes*:	315.55
	2 FLX-4646 Anchor & Bearing	64.00 ea.
	1 FLX-3937 Unloader	196.30
	1 FLX-4234 Double Transfer Plate	86.35
FLX-3937DT	220 Unloader w/Double Transfer Plate	
	with hardware *Includes*:	205.60
	1 FLX-3937 Unloader	196.30
	1 FLX-4234 Double Transfer Plate	86.35
FLX-4408	Unloader w/o Anchor & Bearing	156.55
BLK-11137	*Also needed to complete single pass thru boot*	54.70
	1 Single Trnsfr Plate	
FLX-2194C	30* Clear Plastic Boot	48.50
FLX-2195C	Straight Clear Plastic Boot	57.80
PVC-1101	45* Elbow	19.25
PVC-1004	Tube 10'	14.95
FLX-2537	Model 220 Couplers	2.65
FLXA-1520	Auger Model 220-*priced per foot*	1.95
25-03-1075	Drop Tube Pin (holds PVC Tube onto Drop)	0.90
FLX-4951	Smart IR	242.25
AP-4738	Clear Protection Cover for Smart IR	21.15
APCD-109	Kwik Attach Drop Kit	9.00
FLX-2425	Drop Tube	17.40

FLX 300 FEEDING SYSTEM COMPONENTS

MODEL NO.	DESCRIPTION	PRICE
FLX-2459	1/2 hp Direct Drive Motor and Gearbox 358 rpm	$414.30
FLX-2460	3/4 hp Direct Drive Motor and Gearbox 358 rpm	451.60
FLX-2461	1 hp Direct Drive Motor and Gearbox 358 rpm	542.90
FLX-2462	1-1/2 hp Direct Drive Motor and Gearbox 358 rpm	654.10
FLX-2433	Drop Kit w/Pull Cord	11.25
AP-2276	Kwik Attach Drop Kit	9.70
FLX-5298	Control Models 220 / 330 with hardware *Includes*:	159.00
	1 FLX-5226A Control Unit Body	36.65
	1 FLX-5230 Inspection Door	6.05
	1 FLX-5350 Control Box	106.25
FLX-5279	Direct Drive Driver w/Plastic Tube	52.80
FLX-4684	Single Lower Boot with hardware *Includes*:	208.10
	1 FLX-2243 Single Out Unloader	147.83
	1 FLX-4648 Anchor & Bearing	79.50
FLX-4684A	Unloader Single Out w/Anchor & Bearing and Adapter	205.00
BLK-11137	*Also needed to complete single out boot*	54.70
	1 Sngle Trnsfr Plate	
FLX-4696DT	Twin Out Unloader with hardware *Includes*: ***[E]***	350.35
	1 FLX-2243 Twin Unloader	147.85
	2 FLX-4648 Anchor & Bearing	79.50 ea.
	1 FLX-4234 Double Transfer Plate	86.35
FLX-2586DT	Twin Pass Thru Unloader with hardware *Includes*:	214.30
	1 FLX-2243 Twin Unloader	147.85
	1 FLX-4234 Double Transfer Plate	86.35
FLX-2243	Single Pass Thru Boot	147.85
FLX-2194C	30* Clear Plastic Boot	48.50
FLX-2195C	Straight Clear Plastic Boot	57.80
PVC-1001	45* Elbow	19.90
PVC-1005	Tube 10'	23.00
FLX-2538	Model 300 Couplers	5.00
FLXA-2390	Auger Model 300- priced per foot	3.70
25-03-1075	Drop Tube Pin (holds PVC Tube onto Drop)	0.90
FLX-4951	Smart IR	242.25
AP-4738	Clear Protection Cover for Smart IR	21.15
FLX-2425	Drop Tube	17.40
FLX-5214DT	Unloader 300P (pellets) w/Anchor & Bearing ***[F]***	350.35

A

B

C

D

E

F

AUTOMATED PRODUCTION FLEX AUGER PARTS

Flex-Flo™ Feed Delivery System adapts to a variety of configurations and capacities to meet specific production requirements.

A *Flex Auger Model 220*

B *Flex Auger Model 300*

C *Model 220 Flex Flo PVC Tube*

D *Model 300 Flex Flo PVC Tube*

E *45° Elbow, 5° Radius*

F *Tube Drop 2" & 3" see below*

G *Direct Drive Spindle Positive Lock*

H *Coupler 2" & 3"*

I *Rubber Tubing 50'*

J *Universal Feed Sensor Horizontal Mounting*

K *Gear Box 1-½ HP*

L *Anchor & Bearing New Style 2" & 3"*

M *30° Clear Boot*

N *Tube Clamp*

O *Relay*

P *Hardware Package*

Q *Smart Flex Feed System*

R *Gear Box*

S *Anchor & Bearing Old Style 2" & 3"*

T *Straight Clear Boot*

U *Locking Pin for Drop Tube*

V *Unloader Hardware Package*

W *Flex Flo Relay 240V*

X *Gear Pinion ¾ - 1½*

Y *Control Unit with Sensor*

Z *Flex Flo Control Unit*

AA *Plastic Tube Anchor Direct Drive 2" & 3"*

BB *Power Unit ¾HP 358 RPM*

CC *Plate & Slide Gate Package*

	MODEL NO.	PRICE
A	FLXA-1520	$1.95
B	FLXA-2390	3.65
C	PVC-1004	14.95
D	PVC-1005	23.00
E	PVC-1001/PVC-1101	19.90/19.35
F	FLX-2425	17.40
G	AP-APCD-112	19.90
H	FLX-2537 2", FLX-2538 3"	2.65/5.00

	MODEL NO.	PRICE
I	AP-3833	$3.75
J	AP-2983	141.65
K	FLX-4277	144.75
L	FLX-4672 2", FLX-4648 3"	37.10/78.25
M	FLX-2194C	48.50
N	AP-S-4320	3.40
O	AP-E260-1036	30.45
P	AP-HDW-0001	10.95

	MODEL NO.	PRICE
Q	AP-2984	$112.25
R	FLX-4403	168.95
S	FLX-2189 2", FLX-2227 3"	58.65/80.75
T	FLX-2195C	57.80
U	25-03-1075	0.90
V	FLX-4456	8.70
W	AP-E260-1036	30.45
X	FLX-4276	24.85

	MODEL NO.	PRICE
Y	FLX-5280	$115.00
Z	FLX-5298	159.00
AA	FLX-5279	52.80
BB	FLX-2460	451.60
CC	BLK-11137	54.70

AUTOMATED PRODUCTION CHAIN DISK PARTS

Chain Disk fee delivery systems have the flexibility to adapt to all types of swine production facilities overcoming the performance and reliability constraints of other systems.

	MODEL NO.	DESCRIPTION	PRICE
A	AP-APCD-500T	Top Control Board F/APCD-500 & 295	$652.20
B	AP-APCD-500B	Bottom Control Board F/APCD-500 & 295	689.50
C	AP-APCD-113	Coupler Model 236	1.50
D	AP-APCD-217-0	Electric Weld Tube 2.375" OD	29.85
E	AP-APCD-760	Corner Wheel Assembly	105.20
F	AP-APCD-605-150	Chain & Disks Model 236 150'	500.65
G	AP-APCD-408	Coupler 2.375" Pipe Sleeve	6.10
H	AP-APCD-608-160	Chain Disk Gearmotor 1PH 60Hz	1,214.35
I	AP-APCD-112	PVC Tube	19.90

A

B

C

D

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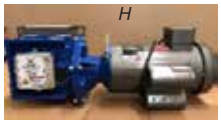
H 

I

SMART*IR* FEED SENSOR

Take advantage of reliable Smart*IR* infra-red feed sensing technology. Smart*IR** utilizes infra-red technology to detect the level of feed and control all functions of the feed delivery system.

- Digital display with push button operation
- Delay timer to delay the start of the auger
- Maximum run timer
- Alarm contact can be wired to an Agri-Alert alarm system or on-site alarm
- Internal relay compatible on all flexible auger feed delivery systems

MODEL NO.	DESCRIPTION	PRICE
FLX-4951	Smart IR Sensor	$242.25
AP-4738	Clear Faceplate Protector	21.15

BIN MASTER FEEDVIEW FEED MANAGEMENT SOLUTION

HOG FEED INVENTORY MANAGEMENT TRANSFORMED

FeedView® is a comprehensive feed management solution that combines wireless, battery-powered level sensors with a cloud-based, simple-to-use SaaS. Automatically measure bin levels, product consumption, record the use of medicated feeds, and know when to schedule deliveries .. anytime, anywhere with FeedView.

- FVL-200 FeedView Level Sensor
- 35 ft. maximum measurement,
- Wireless LoRa output
- Includes batteries.

**Must be used with the FeedView software.*

BINMASTER

For more information on the BinMaster Feedview Feed Management System see page 106.

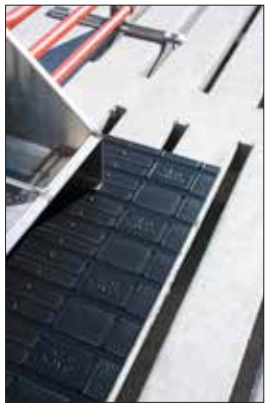
SLAT SAVERS

- Place under feeders to protect slats from pitting and wear
- Durable material
- The original Slat Saver mat!

MODEL NO.	DESCRIPTION	PRICE
WAH-SS-4	46 3/4 x 48	$70.50
WAH-SS-4X5	46 3/4 x 60	87.50
WAH-SS-4X6	46 3/4 x 72	105.80

Slot locks to secure to slats are extra.

ORIGINAL PRODUCT • NEW DESIGN & PRICING



MINI HOPPER PAN FEEDER

- Hermatically sealed lid
- Lid without edges avoids opening by piglets
- Curved rim and wings to prevent feed wastage
- Easy adjustments to ration feed
- Handle with arrow for rapid connection to any slatted floor

MODEL NO.	DESCRIPTION	PRICE
AR-MIN0C20	Pan Feeder	$52.95

OSBORNE® BIG WHEEL® FEEDER

MINIMIZE FEED WASTE AND MANAGEMENT TIME

Big Wheel feeders keep profits high by eliminating the main causes of feed waste with practically no human intervention required. The mixing action of the feed wheel stops pigs from sorting out and wasting feed components. Feeder design also limits waste by stopping the flow of feed into the trough when pigs stop eating and start playing. Regulated feed flow and the smooth, self-cleaning trough completely eliminate spoilage.

MODEL NO.	DESCRIPTION	FEEDING CAP.	PRICE
OS-FF-000RN3	3.0 bu Nursery	40 Head	
OS-FF-000RN1	4.5 bu Nursery	60 Head	CALL FOR PRICING
OS-FF-000RF1	7.5 bu Finisher	60 Head	
OS-FF-000RF3	15 bu Finisher	60 Head	

Other sizes are available.

FLIP-TO-CLEAN FEEDER POST

Flip-to-clean feeder post. Feeder not included.

CALL FOR PRICING

MODEL NO.	DESCRIPTION
P-Post.fcf	Flip-to-Clean Feeder Post, Stand Alone

FEEDERS & FEED SYSTEMS

25/16 BIN BOTTOM CONVERSION KIT

- Convert old or unusual bulk bin bottoms to modern 16" opening
- Replace rusted-out bin bottoms

MODEL NO.	DESCRIPTION	PRICE
PAX-509500	25/16 Extension Kit w/ Collar	$146.25

VALCO VOLUMETRIC DROP

10-LB VOLUMETRIC DROP FOR BREEDING & GESTATION

Capacity: 0–10 lb Outlet Diameter: 3″

Fits 2.25″ (55mm) Auger Lines

MODEL NO.	DESCRIPTION	PRICE
780100	VALCO Feed Drop	$26.05

- New and improved feed drop
- Simple slide adjustment
- Center-mounted to hang straight
- Lift string pulleys to reduce pull and drag

VALCO BULK BINS WITH 40˚ ROOFS

BIN MODEL NO.	DESCRIPTION	APPROX. CAPACITY 2,000# TON	40# / CUBIC FT BUSHELS	FILL HEIGHT FEET	BIN PRICE*	LADDER MODEL NO.	LADDER PKG PRICE	RIGID OPENER NO.	RIGID OPENER PRICE
PAX-506W41	1 Ring x 6'	2.90	116	10' 11"	$1,068.00	PAX-506921	$118.50	PAX-570641	$117.85
PAX-506W42	2 Ring x 6'	4.40	177	13' 7"	1,230.10	PAX-506922	139.45	PAX-570642	131.80
PAX-506W43	3 Ring x 6'	5.91	237	16' 3"	1,402.60	PAX-506923	160.80	PAX-570643	145.80
PAX-506W44	4 Ring x 6'	7.42	298	18' 11"	1,524.80	PAX-506924	182.20	PAX-570644	160.60
PAX-507W41	1 Ring x 7'	4.82	194	14' 7"	1,724.25	PAX-507921	165.00	PAX-570741	144.00
PAX-507W42	2 Ring x 7'	6.87	276	17' 3"	1,906.20	PAX-507922	163.90	PAX-570742	162.40
PAX-507W43	3 Ring x 7'	8.92	358	19' 11"	2,104.30	PAX-507923	185.25	PAX-570743	183.40
PAX-507W44	4 Ring x 7'	10.97	441	22' 7"	2,300.65	PAX-507924	206.65	PAX-570744	201.65
PAX-507W45	5 Ring x 7'	13.02	523	25' 3"	2,877.55	PAX-507925	294.40	PAX-570745	212.55
PAX-507W46	6 Ring x 7'	15.08	606	27' 11"	3,077.40	PAX-507926	249.40	PAX-570746	226.55
PAX-509W41	1 Ring x 9'	8.12	326	15' 6"	2,216.45	PAX-509921	144.10	PAX-570941	132.00
PAX-509W42	2 Ring x 9'	11.51	463	18' 2"	2,463.10	PAX-509922	163.80	PAX-570942	156.15
PAX-509W43	3 Ring x 9'	14.90	599	20' 10"	2,816.85	PAX-509923	184.55	PAX-570943	181.90
PAX-509W44	4 Ring x 9'	18.29	735	23' 6"	3,112.30	PAX-509924	205.95	PAX-570944	197.20
PAX-509W45	5 Ring x 9'	21.68	871	26' 2"	3,977.20	PAX-509925	227.70	PAX-570945	210.95
PAX-509W46	6 Ring x 9'	25.07	1007	28' 10"	4,192.90	PAX-509926	248.60	PAX-570946	226.60
PAX-512W41	1 Ring x 12'	17.32	696	19' 1"	5,223.80	PAX-512921	207.95	PAX-571241	167.10
PAX-512W42	2 Ring x 12'	23.35	938	21' 9"	5,714.10	PAX-512922	233.55	PAX-571242	181.10
PAX-512W43	3 Ring x 12'	29.38	1180	24' 5"	6,296.75	PAX-512923	260.00	PAX-571243	195.55
PAX-512W44	4 Ring x 12'	35.41	1423	27' 1"	6,828.15	PAX-512924	273.40	PAX-571244	209.50
PAX-512W45	5 Ring x 12'	41.44	1665	29' 9"	7,339.60	PAX-512925	293.00	PAX-571245	223.55
PAX-512W46	6 Ring x 12'	47.47	1907	32' 5"	9,639.10	PAX-512926	312.85	PAX-571246	237.50
PAX-512W47	7 Ring x 12'	53.49	2149	35' 1"	10,310.65	PAX-512927	330.85	PAX-571247	251.90

6', 7', and 9' diameter bins are available from 113 to 990 bushel capacity. 12' diameter bins available. Call for information. All bins are priced unassembled.

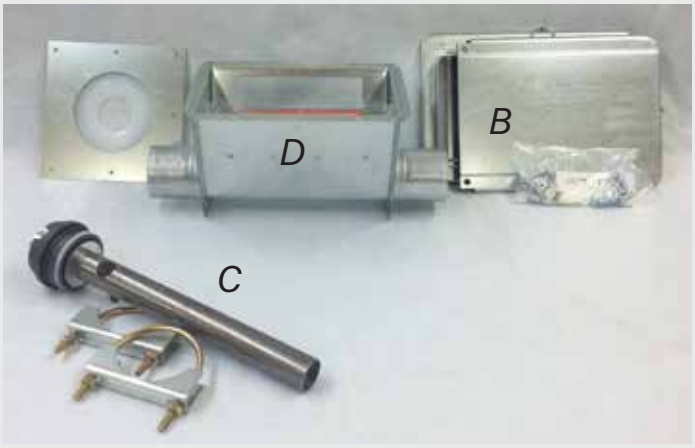
- Weather-tight, die-formed roof with reinforcing rib for added strength and easier assembly
- Easy-to-operate, warp-resistant, 22" diameter top lid opens past vertical to stay clear of the fill auger
- Heavy, corrugated bin sheets with G-90 galvanized coating – corrugation is 2 2/3" wide x 1/2" deep
- Taper hopper sections are offset for smooth feed flow – 67˚ hopper on 7' bins, 60˚ hoppers on 6' and 9' bins
- Formed, galvanized legs with simple leg anchor system for greater stability
- Sturdy leg-bracing systems for greater strength and structural support
- Sturdy ladder support to both roof and side walls – roof ladder on all models
- High-strength bin bolts with built-in weather seal
- Variety of bottom attachments – boots for flexible or rigid augers and slide valves

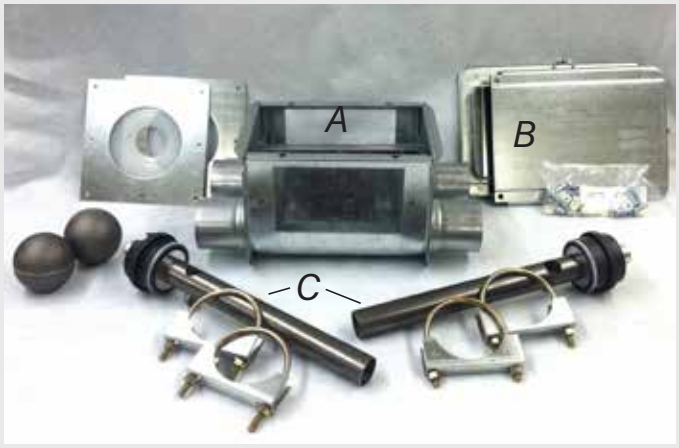
Lid shown with lid opener.

MODEL NO.	DESCRIPTION	PRICE
PAX-500650	Way-Back-Lid CTN Complete	$214.60

PAX FLEXIBLE AUGER AUTOMATIC FEED SYSTEM

**PLEASE SPECIFY IF YOU NEED 2.25" OR 3" COMPONENTS*





PAX 2.25" FEEDING SYSTEM COMPONENTS

MODEL NO.	DESCRIPTION	PRICE
PAX-735380	2.25" 1/2 hp Direct Drive, Motor & Gearbox	$420.00
PAX-735381	2.25" 3/4 hp Direct Drive, Motor & Gearbox	442.55
PAX-735382	2.25" 1 hp Direct Drive, Motor & Gearbox	516.00
PAX-720097	Hopper-Level Control Switch	112.30
PAX-720550	2" All-Out Drop	11.20
PAX-730533	Steel Discharge Head *Includes:*	
	1 PAX-730462 Basic Unit	71.05
	1 PAX-730505 Control Box	163.45
PAX-720304	2.25" Direct Drive Port & Driver Kit	86.50
PAX-720963	2.25" Single Out Lower Boot Kit ***[Top Left]*** *Includes:*	
	1 PAX-720839 2.25" Boot ***[D]***	93.35
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	1 PAX-720785 2.25" Anchor & Bearing ***[C]***	84.80
PAX-720965	2.25" Twin Out Lower Boot Kit ***[Top Right]*** *Includes:*	
	1 PAX-720849 2.25" Twin Boot ***[A]***	200.40
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	2 PAX-720785 2.25" Anchor & Bearing ***[C]***	84.80
PAX-720940	2.25" Single Pass Thru Lower Boot Kit *Includes:*	
	1 PAX-720839 2.25" Boot ***[D]***	93.33
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	1 PAX-720885 2.25" Pass Thru Kit	10.80
	1 PAX-730875 Single Boot Baffle	22.65
PAX-720960	2.25" Twin Pass Thru Lower Boot Kit *Includes:*	
	1 PAX-720849 2.25" Twin Boot ***[A]***	200.40
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	2 PAX-720885 2.25" Pass Thru Kit	10.80
	1 PAX-730878 Twin Boot Baffle	43.50
PAX-500475	30* Plastic Upper Boot Transition	32.50
PAX-500485	Straight Plastic Upper Boot Transition	30.30
PAX-720498	2.25"x45* PVC Formed Tube	14.50
PAX-720434	2.25"X10' Straight PVC Tube	16.55
PAX-720435	2.25" PVC Tube Splice (coupler)	1.95
PAX-713220	Tube Hanger	1.95
PAX-720440	1.52" O.D. Auger-per Foot	2.25
25-03-1075	Drop Tube Pin (holds PVC tube onto drop)	1.00

3.5" Feed System Components also available

PAX 3" FEEDING SYSTEM COMPONENTS

MODEL NO.	DESCRIPTION	PRICE
PAX-735380	1/2 hp Direct Drive, Motor & Gearbox	$420.00
PAX-735381	3/4 hp Direct Drive, Motor & Gearbox	442.55
PAX-735382	1 hp Direct Drive, Motor & Gearbox	516.00
PAX-735383	1 1/2 hp Direct Drive, Motor & Gearbox	829.25
PAX-720097	Hopper-Level Control Switch	112.30
PAX-730550	3" All-Out Drop	13.05
PAX-730533	Steel Discharge Head *Includes:*	
	1 PAX-730462 Basic Unit	71.05
	1 PAX-730505 Control Box	163.45
PAX-730304	3" Direct Driver Port & Driver Kit	57.65
PAX-730943	3" Single Out Lower Boot Kit *Includes:*	
	1 PAX-730839 3" Boot ***[D]***	75.50
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	1 PAX-731008 3" Anchor & Bearing ***[C]***	98.00
PAX-730945	3" Twin Out Lower Boot Kit *Includes:*	
	1 PAX-730849 3" Twin Boot ***[A]***	170.95
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	2 PAX-731008 3" Anchor & Bearing ***[C]***	98.00
PAX-730940	3" Single Pass Thru Lower Boot Kit *Includes:*	
	1 PAX-730839 3" Boot ***[D]***	75.50
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	1 PAX-730885 3" Pass Thru Kit	13.75
	1 PAX-730875 Single Boot Baffle	22.65
PAX-730960	3" Twin Pass Thru Lower Boot Kit *Includes:*	
	1 PAX-730849 3" Twin Boot ***[A]***	170.95
	1 PAX-500471 Single Slide Valve ***[B]***	53.45
	2 PAX-730885 3" Pass Thru Kit	13.75
	1 PAX-730878 Twin Boot Baffle	43.50
PAX-500475	30* Upper Boot Transition	32.50
PAX-500485	Straight Plastic Boot Transition	30.50
PAX-730499	3"X45* PVC Formed Tube	16.50
PAX-730434	3"X10' Straight PVC Tube	23.30
PAX-730435	3" PVC Tube Splice	3.55
PAX-730220	3" Tube Hanger	2.20
PAX-730440	2.38" O.D. Auger-per foot	3.30
25-03-1075	Drop Tube Pin (holds drop tube onto all-out drop)	1.00
PAX-730615	3" IDx12' Plastic Downspout Tube	16.60
PAX-730437	3" Plastic Y Fitting for Downspout Tube	8.40
PAX-730438	3" Plastic 45* Fitting for Downspout Tube	5.90

VALCO/PAX FLEXIBLE AUGER AUTOMATIC FEED SYSTEM

Provide high-efficiency/low-labor automatic feeding. Quality designed and built for longer life, reliability, and top performance. Easy installation and low maintenance costs.

Variety of components – lets you build a system to meet your exact requirements. Systems available for (1) 2" system (2) 3" system (3) high volume and (4) high moisture up to 25% and pelleted feed delivery.

CLEAR PLASTIC TRANSITIONS

MODEL NO.	DESCRIPTION	PRICE
PAX-500575	16" 30º Clear Boot	$52.25
PAX-500585	16" Straight Clear Boot	58.75

Pax's clear transition allows producers to verify at a glance while driving by that feed is present in the bin. This heavy-walled boot is injected molded from a specially formulated ultraviolet stabilized clear polycarbonate blend to provide years of trouble-free service.

BEARING & ANCHOR ASSEMBLIES

MODEL NO.	DESCRIPTION	PRICE
PAX-720452	2.25" OS Shaft & Bearing Assembly	CALL
PAX-730030	3" OS Shaft & Bearing Assembly	CALL
PAX-735030	3.5" HV OS Shaft & Bearing Assembly	CALL
PAX-720785	2.25" NS Shaft & Bearing Assembly	$84.80
PAX-731008	3" NS Shaft & Bearing Assembly	98.00
PAX-735030	3.5" HV OS Shaft & Bearing Assembly	CALL
PAX-735041	3.5" HM OS Shaft & Bearing Assembly	CALL
PAX-735878	3.5" HV NS Shaft & Bearing Assembly	111.80
PAX-735880	3.5" HM NS Shaft & Bearing Assembly	95.70

Shaft & Bearing Assembly

(OS=old style w/cap, NS=new style w/insert)

PINIONS (DIE CAST ALUMINUM)

MODEL NO.	DESCRIPTION	PRICE
PAX-450366	1/2" B DCA Gear Box 2 1/8" Long 14 Tooth	$24.50
PAX-730094	5/8" B DCA Gear Box 2 1/2" Long 14 Tooth	21.80

FLEX AUGER

MODEL NO.	APPROX. LBS/HR*	MAX. LENGTH*
(1) 2" System	900	250 ft
(2) 3" System	2,700	200 ft
(3) High Volume	5,400	150 ft
(4) High Moisture	3,000	150 ft

*Rates based on dry ground corn at 40 lb/cu ft. Actual delivery rate may vary depending on system configuration and material conveyed. Longer systems can be achieved by connecting multiple units.

VALCO ALL-OUT FEED DROP KIT

The All-Out Feed Drop Kit installs quickly and easily and attaches securely to avoid feed spills. The All-Out Feed Drop Kit allows for complete clean-out of feed.

MODEL NO.	DESCRIPTION	PRICE
PAX-720550	2.25" All-Out Feed Drop	$11.20
PAX-730550	3" All-Out Feed Drop	13.05
PAX-735550	3.5" All-Out Feed Drop	11.40

PRAIRIE PRIDE POLY BINS

- Corrosion-resistant for long life
- Large poly bins have 60˚ cone and ultra smooth interior finish for easy, even feed flow
- Easy to assemble
- Visible feed level
- Large poly bins have 35˚ roof for maximizing fill height
- Strong enough to handle concentrate material
- Heavy-duty steel ring and support stand
- Large 22" fill opening
- Ideal strength and flow characteristics for high moisture feeds, corn, soybean meal, and concentrates (premix)
- **10-year warranty**

BOTTOM MODEL	BIN MODEL	CAPACITY CU FT	BUSHELS	CAPACITY @ 40 LB / CU FT TONS (2,000 LB)	MAX WEIGHT CAPACITY / CU FT	HEIGHT	PRICE*
4' Diameter PL-80	PL-80	83	66	1.67	85 lb	11' 0"	**$1,221.70**
5' Diameter PL-40	PL-70	72	58	1.44	85 lb	9' 1"	**1,258.10**
	PL-90	94	75	1.88	85 lb	10' 9"	**1,315.00**
7' Diameter PL-115	PL-140	140	112	2.80	85 lb	9' 6"	**2,186.70**
	PL-235	234	187	4.68	85 lb	12' 3"	**2,435.00**
	PL-300	302	241	6.04	85 lb	14' 0"	**2,600.00**
	PL-480	480	384	9.60	55 lb	19' 4"	**3,095.00**
7' Diameter PL-340	PL-365	365	292	7.30	75 lb	15' 4"	**3,331.70**
	PL-460	459	367	9.18	60 lb	18' 2"	**3,580.00**
	PL-525	527	421	10.54	55 lb	19' 10"	**3,745.00**
	PL-705	705	564	14.10	40 lb	25' 2"	**4,240.00**

**All prices exclude optional ladder kits.*

9' 6" PRAIRIE PRIDE BIN

- Visible feed level
- 7-year warranty, the longest in the industry
- Corrosion-resistant for long life
- Large poly bins have 60˚ cone and ultra smooth interior finish for easy, even feed flow
- Reduced feed outages with ultra smooth cone feed flow
- Large poly bins have 35˚ roof for maximizing fill height
- Easy to assemble
- Heavy-duty steel ring and support stand
- Large 22" fill opening

PART NO.	DESCRIPTION	WEIGHT	HEIGHT	PRICE
PP-PL-610	One Piece Bin	12.24 Tons	17' 2"	**$5,155.00**
PP-PL-770	One Piece Bin	15.42 Tons	19' 5"	**5,455.00**
PP-PL-885	One Piece Bin	17.68 Tons	21' 2"	**5,711.50**

PRAIRIE PRIDE PORTABLE BINS

MODEL NO.	CAPACITY CU FT	BUSHELS	CAPACITY @ 40 LB / CU FT TONS (2,000 LB)	METRIC TONS (2,200 LB)	5' DIAMETER X HEIGHT	MAX WEIGHT (LBS)
PP-PL-40PB	40	32	.80	.73	61"	85
PP-PL-45PB	45	36	.90	.82	72"	85
PP-PL-70PB	72	58	1.44	1.31	92"	60
PP-PL-90PB	94	75	1.88	1.71	112"	45

PWA POLY BIN - 8' DIAMETER SERIES, ONE PIECE

PWA Technologies has developed another line of the Futures Bin.
This Poly Bin has everything you want in a bin:

- Visible Feed Level
- Swing Clear Lid & Opener
- Rugged polyethylene construction withstands the toughest handling and use
- 7 Year Warranty
- Corrosion resistant for an extra-long life
- Ultra-smooth Cone for reduced feed outages and feed separation
- Heavy duty galvanized Steel Ring and Support Stand
- Large 22" fill opening

MODEL	CAPACITY CU. FT.	BUSHELS	TONS (2000 LBS.)	FILL HT.	PRICE*
PL-335	336	269	6.72	13'10"	**$3,059.40**
PL-430	432	346	8.64	15'9"	**3,586.90**
PL-530	528	422	10.56	17'8"	**3,502.20**
PL-635	633	506	12.66	19'9"	**3,871.90**

**All prices exclude optional ladder kits.*

MIX MILL PRODUCTS

MIX MILL CX SCREENS

MODEL NO.	DESCRIPTION	PRICE
BLU-93056703	3/16"	$47.40
BLU-93056704	1/4"	47.40
BLU-93056705	5/16"	47.40
BLU-93056706	3/8"	47.40
BLU-93056708	1/2"	47.40
BLU-93056709	5/8"	47.40
BLU-93056710	3/4"	47.40
BLU-93056713	5/32"	47.40
BLU-93056714	7/32"	47.40
BLU-93056715	3/32"	47.40
BLU-93056716	1/8"	47.40

MIX MILL D SCREENS

MODEL NO.	DESCRIPTION	PRICE
BLU-92000210	3/32"	$47.40
BLU-92000211	5/32"	47.40
BLU-92000212	3/16"	47.40
BLU-92000213	7/32"	47.40
BLU-92000214	1/4"	47.40
BLU-92000215	5/16"	47.40
BLU-92000216	3/8"	47.40
BLU-92000218	1/2"	47.40
BLU-92000219	5/8"	47.40
BLU-92000220	3/4"	47.40
BLU-92000221	1/8"	47.40

MIX MILL HAMMERS

MODEL NO.	DESCRIPTION	PRICE
BLU-92000278	CX & D Hammers	$63.35
BLU-70011508	CX Mill Hub Bolts	5.50
BLU-66754500	Hex Nut Jam Lock 3/8-16	0.65
BLU-70011504	D-Mill Hub Bolts	5.50

CALL FOR ALL OTHER MILL PARTS AND SUPPLIES.

MIX MILL HUB & HAMMER SETS

MODEL NO.	DESCRIPTION	PRICE
BLU-92000234	D Hub & Hammer	$484.60
BLU-93000972	CX Hub & Hammer	197.50

SMART*IR* FEED SENSOR

Take advantage of reliable Smart*IR* infra-red feed sensing technology. Smart*IR** utilizes infra-red technology to detect the level of feed and control all functions of the feed delivery system.

- Digital display with push button operation
- Delay timer to delay the start of the auger
- Maximum run timer
- Alarm contact can be wired to an Agri-Alert alarm system or on-site alarm
- Internal relay compatible on all flexible auger feed delivery systems

MODEL NO.	DESCRIPTION	PRICE
FLX-4951	Smart IR Sensor	$236.05
AP-4738	Clear Faceplate Protector	20.20

HALO FEED SYSTEM CONTROL

MODEL NO.	DESCRIPTION
CT-HALOJRMAX	Halo Jr Max
CT-HALO	Halo Complete

CALL FOR PRICING

The Halo Feed System Control is designed to control a livestock feeding system. Halo uses infrared technology to sense feed at the last drop of the system. This infrared sensor combined with included electronic controls completes the Halo system. Halo electronics contain all timing and alarm functions to efficiently control a livestock feeding system.

Halo electronics feature a delay start timer, maximum run timer, cumulative timer, and maximum run alarm outputs. Halo can operate with or without an existing time clock. If a time clock is also used to control the system, Halo will recognize the time clock and bypass its own delay start time.

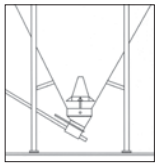
Halo infrared sensor design allows the sensor to detect a variety of feed densities and flow rates without adjustment. The sensor is impervious to changes in air temperature and humidity.

The Halo Jr Max adapts to an existing control unit.

FLO-RITE BOTTOM-MOUNT AGITATOR

- Simple installation
  - -Bin Agitator mounted at the bottom of bin
  - -No suspension from top of bin
- Aids in reducing feed bridging in bins
- Helps reduce "rat holing" of feed in bin
- Polyethylene cone mounted on steel base

MODEL NO.	DESCRIPTION	PRICE
PP-PLFLO-RITEBM2	Flo-Rite Bottom-Mount Agitator	$155.10



CHORETIME ANCHORS & PINIONS

MODEL NO.	DESCRIPTION	PRICE
BP-39405	Model 55 Anchor & Bearing Assembly *[1]*	$58.85
BP-37346	Model 75 Anchor & Bearing Assembly *[2]*	41.65
BP-35343	Model 90 Anchor & Bearing Assembly *[3]*	59.80
BP-35344	Model HMC Anchor & Bearing Assembly *[4]*	47.40
BP-35767	Model 108 Anchor & Bearing Assembly *[5]*	59.40
BP-6104R	5/8" Curved Pinion *[6]*	16.15
BP-5046R	1/2" Curved Pinion *[7]*	15.40
BP-3249R	1/2" Straight Pinion *[8]*	19.85

5 4 3 2 1

Pinions

8 7 6

CHAIN

MODEL NO.	DESCRIPTION	PRICE
FE-EGDL-100X-SS	Chain, Double Loop #1 SS	$0.65/ ft

TUBE CLAMP

MODEL NO.	DESCRIPTION	PRICE
11-00-1080	Tube Clamp 2"	$1.85

INDICATORS

MODEL 640M

This small, compact general purpose indicator gives simple, yet accurate and reliable weighing for a number of applications such as grain carts, livestock scales, feed bins, and weigh carts

MODEL 640 & 640XL

The 640/640XL indicator gives simple, yet accurate and reliable weighing for TMR mixers, grain carts, livestock scales, feed bins, and weigh carts and many more applications.

ALL MODELS:

- Seamless polycarbonate enclosure protects against impact, moisture and dust.
- Designed to withstand all the hazards of a farm environment.
- Backlit LCD display with large numerals for easy readability.
- Carry a minimum 3-year warranty
- Vibration isolators and stainless steel mounting bracket for long lasting performance.

BINTRAC™ FEED WEIGHING SYSTEM

An integrated system providing real bin weight and feed use data.

- Real-time bin inventory by weight
- Bin side display of current weight for individual bins
- Increased safety by eliminating bin climbing
- Simple installation on existing bins
- Optional interface to feed mill or feed management system

MODEL NO.	DESCRIPTION
MLB-200000-4	Set of 4 - Single 10K Bracket w/ Loadcell
MLB-200000-6	Set of 6 - Single 10K Bracket w/ Loadcell
MSA-04000	4 Loadcell Summing Box
MSA-06000	6 Loadcell Summing Box
ASG-00067	Power Supply 110V to 12VAC

CALL FOR PRICING

BINTRAC®

E-Z POWER HEAD DROP SENSOR WITH TIME DELAY

- E-Z 1071T
- Power head
- Drop sensor with time delay
- Attaches directly to control unit on power head
- Ideal for use with tube feeders.

MODEL NO.	DESCRIPTION	PRICE
EZ-1071-T/F	220 VAC	CALL
EZ-1071-T/F	110 VAC	CALL
EZ-EZ100934	110 VAC Relay	25.00
EZ-EZ100935	220 VAC Relay	25.00
EZ-EZ103940	220 VAC Time Delay	76.00
EZ-T/F	Flex Line Drop Tube	CALL
EZ-1071	1071 R 110 VAC Back Time Delay	228.50
EZ-EZ902324	1071 R 220 VAC Back Time Delay	CALL

AP ULTRA DROP

The Ultra-Drop feeder is specifically designed to meet the requirements of automated feeding of both lactating and gestating sows. A half turn of the convenient adjustment knob adjusts the feeder from 1 to 8 pounds, low enough for multiple feedings in lactation and high enough for once a day feedings in gestation. The semi-transparent feeder body allows for visual confirmation of the feed level and proper operation of the feeder at a glance. A weighted ball valve securely closes off the feeder and provides agitation as it is lifted through the feed, ensuring complete clean out. Ultra-Drop feeders can be dumped manually using either a lever or winch, or they can be equipped with electric or pneumatic actuators for timed automated feedings.

MODEL NO.	DESCRIPTION	PRICE
AP-3800	Model 220/236 Complete	$29.20

FEEDERS & FEED SYSTEMS

SCHULD/BUSHNELL BINS

Schuld/Bushnell bins feature a one-piece hp (42˚) or LP (11˚) roof and a one-piece 45˚, 60˚, or 66˚ hopper without bolted seams. Side and top ladders are available in aluminum with rungs press formed to extruded side rails or welded galvanized steel (your choice). Ladders are prepunched so OSHA cages can be installed when required.

Additional commercial accessories include:

- Vacuum pressure relief valves
- Guard rails and toe boards
- Landing platforms
- Crosswalks
- Roof stairs

CALL FOR PRICING

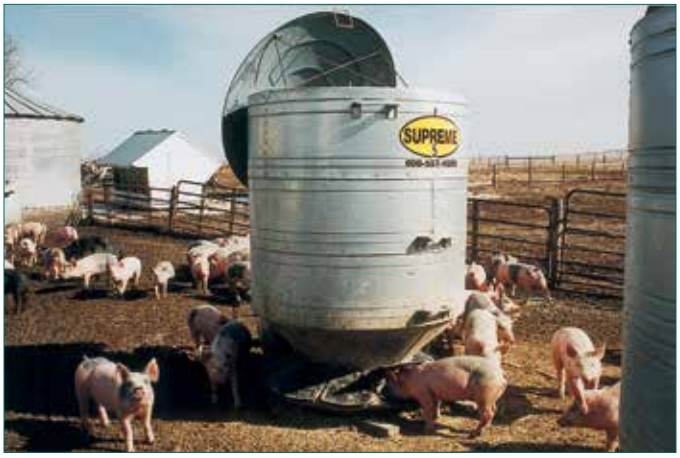
SCHULD BUSHNELL

SIOUX STEEL® HOG FEEDERS

SIOUX STEEL COMPANY

Heights and weights are with poly lid and stiffener ring. Other sizes available, please call for more information.

- No rust, no rot, no corrosion
- Feeds up to 100 head
- Save more feed
- Better feed down



MERIDIAN FEED STORAGE

Meridian bins are available for storing any type of feed, premix, or dry flowable products.

- Fully welded, smooth-walled design
- Feed stays fresh longer
- No ledges for contamination
- Ideal for bulk feed storage

Bins are guaranteed to stand up with heavy product, such as soybean meal, dical, etc.

AVAILABLE BY SPECIAL ORDER

FEED BINS

Model #	Bushels Approx.	Cubic Feet	Tons	Bin Height
6' Diameter Bins				
FRI 605	178	209	4	13'-2"
FRI 608	250	294	6	16'-2"
FRI 610	298	350	7	18'-2"
FRI 612	346	407	8	20'-2"
8' Diameter Bins				
FRI 805	351	413	8	15'-6"
FRI 808	479	564	11	18'-6"
FRI 810	564	664	13	20'-6"
FRI 812	650	765	15	22'-6"
9' Diameter Bins				
FRI 908	629	740	15	19'-8"
FRI 910	737	867	17	21'-8"
FRI 912	845	994	20	23'-8"
FRI 915	1007	1185	24	26'-8"
10' Diameter Bins				
FRI 1010	938	1103	22	22'-10"
FRI 1012	1025	1206	24	24'-10"
FRI 1015	1271	1495	30	27'-10"

Tonnage capacities based on 40 lbs/cu.ft

Standard Features

60 degree cone bottom, steel tube legs, all welded construction, 24" discharge clearance, epon ester primer, bone white enamel paint finish, 22" top lid, access ladder

1-800-437-2334

STEEP CONE BINS

Model #	Bushels Approx.	Cubic Feet	Tons 40lbs/cu.ft	Tons 62lbs/cu.ft	Bin Height
12' Diameter Bins					
FRI 1205-55	889	1046	21	32	18'-10"
FRI 1208-55	1177	1385	28	43	21'-10"
FRI 1210-55	1369	1611	32	50	23'-10"
FRI 1212-55	1561	1837	37	57	25'-10"
FRI 1215-55	1850	2177	44	67	28'-10"
FRI 1217-55	2043	2403	48	74	30'-10"
FRI 1220-55	2331	2742	55	85	33'-10"
FRI 1225-55	2812	3308	66	103	38'-10"
13'6" Diameter Bins					
FRI 1410-55	1799	2116	42	66	25'-5"
FRI 1412-55	2042	2402	48	74	27'-5"
FRI 1415-55	2406	2831	57	88	30'-5"
FRI 1417-55	2650	3118	62	97	32'-5"
FRI 1420-55	3015	3547	71	110	35'-5"
FRI 1425-55	3624	4263	85	132	40'-5"
FRI 1428-55	3988	4692	94	145	43'-5"
FRI 1430-55	4232	4979	100	154	45'-5"
16' Diameter Bins					
FRI 1610-55	2678	3151	63	98	28'-1"
FRI 1612-55	3020	3553	71	110	30'-1"
FRI 1615-55	3533	4156	83	129	33'-1"
FRI 1617-55	3874	4558	91	141	35'-1"
FRI 1620-55	4387	5161	103	160	38'-1"
FRI 1625-55	5242	6167	123	191	43'-1"
FRI 1630-55	6096	7172	143	222	48'-1"

Standard Features

Rack & pinion slide gate w/crank, 55 degree cone bottom, steel tube legs, all welded construction, 24" discharge clearance, epon ester primer, bone white enamel paint finish, epoxy interior, 22" top lid, access ladder

www.meridianmfg.com

MERIDIAN MANUFACTURING GROUP

The Smooth Wall Option

.....that's delivered fully assembled!

FLOORING

Southwest Agri Plastics Dura-Tuff® Flooring . . . 47
Interlock Ductile Cast Sow Flooring 47
Plastic Nursery Flooring 47
Fiberglass Floor Support System. 47
Stainless Steel Coving 47
Double L Group Excelerator Nursery Floor. . . . 48
Double L Group Premier Nursery Floor* 48
Woven Wire Creep Decks 48
Farmweld Flooring System 48
MLS Tri-Floor All Metal Flooring 48
Specialty Bolts for Anchoring
Ergofix Anchor 49
Rocker T-Bolt 49
Boss Hog Woven Wire Flooring 49
Value Ductile Cast Sow Farrowing Flooring . . . 49

** Indicates New Product*

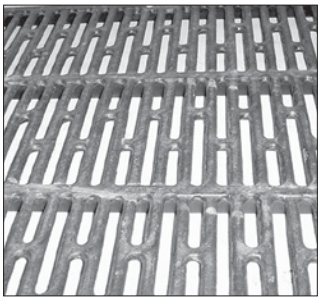
FLOORING

SOUTHWEST AGRI PLASTICS DURA-TUFF® FLOORING

SOUTHWEST AGRI-PLASTICS, INC.

INTERLOCK DUCTILE CAST SOW FLOORING

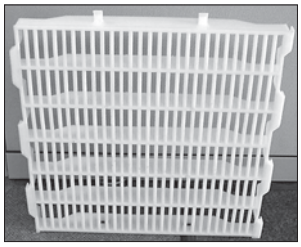
- Interlocking ductile cast for added stability
- Interlocks with Dura-Tuff plastic creep flooring
- Can be used with leg supports for longer span widths
- Ductile flooring is stronger yet lighter weight



MODEL NO.	DESCRIPTION	PRICE
SW-DT 24x18 FICB	Flat Interlock Ductile Cast 24" x 18"	
SW-DT 24x24 FICB	Flat Interlock Ductile Cast 24" x 24"	CALL FOR PRICING
SW-DT 24x42 FICB	Flat Interlock Ductile Cast 24" x 42"	
SW-DT 24x48 FICB	Flat Interlock Ductile Cast 24" x 48"	
SW-FGB3T	Fiber Beam 3"	$2.75/ft
SW-FGB5T	Fiber Beam 5"	3.00/ft
SW-BMP-B	Mounting Plate Open	.75
SW-BMP-C	Mounting Plate Closed	.75
SW-BSBC	Base Support & Clip	1.20
SW-BSR	1" Fiberglass Rod	2.35/ft

PLASTIC NURSERY FLOORING

- 24" wide value-priced nursery flooring
- Supported 18" or 24" on center
- Maximum span of 10 feet



MODEL NO.	DESCRIPTION	PRICE
SW-DT24x24N	24" x 24" Nursery Flooring – White	$17.30
SW-DT24x18N	24" x 18" Nursery Flooring – White	13.30
SW-DT18x24N	18" x 24" Nursery Flooring – White	12.50
SW-DT18x18N	18" x 18" Nursery Flooring – White	10.35

FIBERGLASS FLOOR SUPPORT SYSTEM

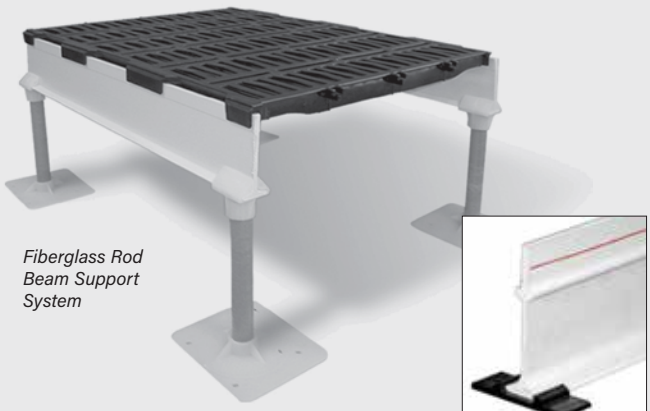
Fiberglass Support Beam

Corrosion-free, stronger than steel, lighter than aluminum, and outlasts other support materials.

The tie down bar is used to secure the farrowing crate to the flooring system under a sow.

DOUBLE L GROUP

MODEL NO.	DESCRIPTION	PRICE
LL-12303	Fiber Beam 3"	CALL
LL-12305	5" Fiber Beam	3.30
LL-12318	Plastic Foot for Beam - low	.70 ea
LL-12319	Beam Mounting Bracket - tall	1.15 ea
P-770430	Spacer Bar - top of beams	CALL
P-770440	Tie Down Bar - hooks under beams	CALL

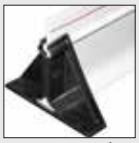


Fiberglass Rod Beam Support System

Plastic Foot

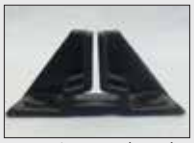
Tie Down Bar

Spacer Bar



Beam Mounting Bracket

Support Leg Bracket



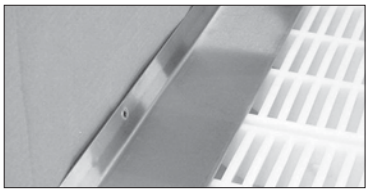
Beam & Mounting Plate

STAINLESS STEEL COVING

Stainless steel coving used to cover expansion joints.

MODEL NO.	DESCRIPTION	PRICE
MW-COVING1.5x4 SS	1.5" x 4" SS Coving	$4.05/ft
MW-COVING1.5x6 SS	1.5" x 6" SS Coving	6.90/ft

SDI

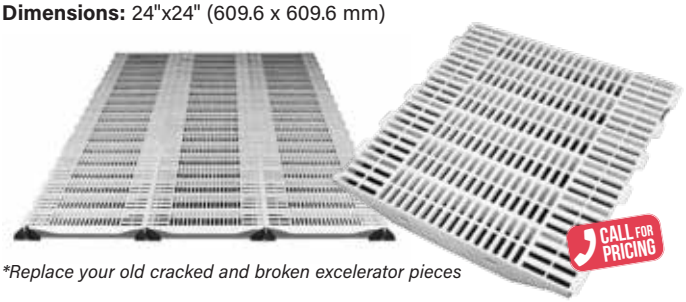


DOUBLE L GROUP FLOORING SYSTEM

DOUBLE L GROUP EXCELERATOR NURSERY FLOOR

- 50% open space filtration with 7/16" (11.1mm) openings; a cleaner floor while helping protect animals from bacteria-causing illness
- Less supports needed; reduces cost of installation
- Reliable interlocking feature

WHITE Part #: LL-13125
BLACK Part #: LL-13125-1
Dimensions: 24"x24" (609.6 x 609.6 mm)



**Replace your old cracked and broken excelerator pieces*

DOUBLE L GROUP PREMIER NURSERY FLOOR

- Engineered for deep pit buildings. Heavy-duty rugged virgin polypropylene slat with excellent impact resistance
- High/low superior traction bars and deep cross ribs enhance strength
- Slats are reversible for easy installation
- Solid plastic construction is rust / corrosion proof and resists bacteria build-up, shedding waste easily

Part #: LL-13120
Dimensions: 24"x24"

WOVEN WIRE CREEP DECKS

- Heavy duty support decks with 3/8" woven wire surface
- No special decking structure needed to support woven wire
- All metal, hot-dipped galvanized construction
- Strength and durability of woven wire in a "Self Span" form
- Can be used in combination with ductile/cast iron sow flooring; wire creep decks support sow flooring
- Custom sizes may be ordered with appropriate lead time

CALL FOR PRICING

Underside of deck on bottom

FARMWELD FLOORING SYSTEM

PLASTIC CREEP OR NURSERY FLOORING

Tired of broken plastic flooring? Look into one of the strongest flooring panels available.

- Durable
- Productive
- Versatile

The Farmweld flooring system includes an interlocking design that firmly connects panels to each other. Farmweld flooring is textured for superior traction and rapid "shearing" of waste. Bright orange color makes it easy to spot areas that are not clean. Supports are 18" O.C. Can span 12' with up to 25 pigs/pen. Also ideal as a creep panel for farrowing flooring. Also available in 24" x 24" size for maximum spans of 10' with 5" beam.

MODEL NO.	DESCRIPTION	PRICE PER PIECE
FW-LNU00000	18" x 24" Farmweld Flooring	$17.50
FW-LNV00000	24" x 24" Farmweld Flooring	CALL
FW-HSTCABOK	3/8" x 3" SS T-Bolt	3.75

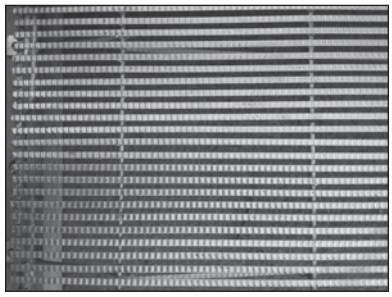
Nursery Application

FLOORING

MLS TRI-FLOOR ALL METAL FLOORING

MLS Tri-Floor is an extra heavy duty hot-dipped galvanized creep flooring.

- All metal for aggressive sanitation and flame treatment
- Hot dipped galvanized for durability
- Heavy duty built-in support Bridgework for self-span capability
- Textured surface for excellent traction
- Easy cleaning
- Ideal in combination with ductile or cast iron sow flooring
- Custom sizes may be ordered with appropriate lead time



Underside of Flooring

CALL FOR PRICING

SPECIALTY BOLTS FOR ANCHORING

ERGOFIX ANCHOR

MODEL NO.	DESCRIPTION	PRICE
AR-ERG010	Ergofix Anchor – Plastic	$3.10

See page 80 for additional information.

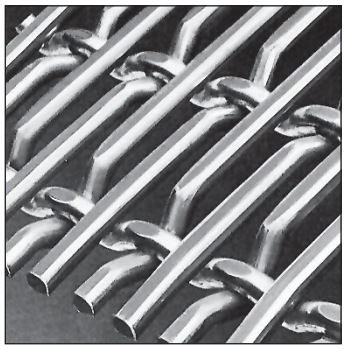
ROCKER T-BOLT

Stainless steel, ideal for securing posts, gates or crates to woven wire or metal flooring in nurseries or farrowing.

MODEL NO.	DESCRIPTION	PRICE
MW-516262	5/16 x 2" Rocker T-Bolt	1.95

BOSS HOG WOVEN WIRE FLOORING

- Woven wire offers superior sow footing
- Reduces chances of injury–cleanest, driest flooring available
- Wire flooring is unequalled for thorough flushing and self-cleaning



MODEL NO.	DESCRIPTION	PRICE
JLW-Wire	Mesh 5/16 Woven Wire	5.9# per sq ft
JLW-Wire	Mesh 3-gauge Woven Wire Steel Deck for Woven Wire Support	4.35# per sq ft CALL FOR PRICING

Sold per square foot, call for pricing and lead time.

J&L WIRE

VALUE DUCTILE CAST SOW SLAT FARROWING FLOORING

- Raised floor graduates from 1" to 3/8" for traction
- 2 pieces of 42" ductile iron for a 7' (84") crate
- Ductile iron sow slats keep sows comfortable
- Plastic creep attracts piglets away from cooler ductile iron
- Ductile iron durability and longevity

MODEL NO.	DESCRIPTION	PRICE
BMD-24X42	24" x 42"	$74.25
BMD-24X48	24" x 48"	80.85

GATING & STALLS

Replacement Stainless Steel Loop Feet 51
Steel Posts 51
MLS Hybrid Farrowing Crate 51
Delphi Creep Divides 50
Durebol Farrowing Crates
Flip-Bar Crate 51
SDI Stainless Steel Creep Divides 50
Durebol Gating & Stalls
Finisher Gating 52
Stalls 52
Gestation & Breeding Gating. 52
Nursery Bar Gating 52
Traditional MLS Finger-Bar Crate 52

SDI STAINLESS STEEL CREEP DIVIDES

- All 304 Stainless Steel for strong, permanent installation
- Horizontal "Break" for extra strength
- Ultimate in cleanliness and sanitation

DELPHI CREEP DIVIDES

Delphi Panels are Custom Cut to Specific Size Requirements

Amazingly strong material for creep area divides and front/back between farrowing crates.

- Smooth easy cleaning plastic exterior cover
- Strong metal inside sandwiched between plastic
- **WILL NOT BREAK** if jumped on by sow
- Smooth edge cover for animal & human comfort

GATING & STALLS

MLS HYBRID FARROWING CRATE

Combines the benefits of the traditional finger style crate and the sow control of the "Anti-Crush" flip bar design.

- Drop-back design allows for easy access to back of sow
- Adjustable "Swinging Door" rump guards
- Anti-jump top guard
- Heavy duty solid rod construction of main framework
- Unbreakable "Delphi" panel rear door
- Bolt down strap with end extensions for attachment flexibility
- Hot dipped galvanized for extra durability
- Front door can be modified for preferred feeder
- Available in 7', 7' 6" or 8' versions

MODEL NO.	DESCRIPTION
BMD-CRATE 7	MLS Hybrid Farrowing Crate

CALL FOR PRICING

DUREBOL FARROWING CRATES

FLIP-BAR CRATE

- Horizontal bar design with top jump rail
- Crate is constructed of 3/4" solid rod frame
- Bolt down is 1/4" x 2" flat strap
- Fits 5' x 7' deck (7'6 or 8' lengths available)
- 3/4" solid flip-bar with smooth radius protects pigs
- Rump guard built-in door
- Universal nipple waterer mounting brackets
- Painted, galvanized, or powder-coated options available

CALL FOR PRICING

Flip-bar crate available in combination with finger-style as shown

REPLACEMENT STAINLESS STEEL LOOP FEET

- Bolts onto any horizontal rod gate
- Quickly replace rusted off, unstable gate feet
- Sturdy vertical straps make attaching quick and simple
- Weld-On Loop Foot available

MODEL NO.	DESCRIPTION	PRICE
P-750032	SS Bolt-On Loop Foot	$37.85
P-Foot	SS Weld-On Loop Foot	22.65
P-770478	2" x 2 1/2" SS Beveled Washer	1.90

STEEL POSTS

Heavy-duty mild steel posts to secure gates or feeders.

- Made from heavy wall tube steel 3/16" thick
- Welded-on cap
- 3/8" heavy-duty slotted base plate for stability and durability
- 2" x 2" or 3" x 3" sizes available, 32" high

Any special hole punching or loop placement are extra.

MODEL NO.	DESCRIPTION	PRICE
P-770560	2" x 2" x 3/16" x 32" High Post	CALL
P-770570	3" x 3" x 3/16" x 32" High Post	CALL

Standard post is unpainted.

Plymouth Industries

DUREBOL GATING & STALLS

FINISHER GATING

- 1 1/2" x 3/16" angle-iron top rail
- 3/4" solid rod bottom rail
- 1/2" solid rod horizontal, 5 bars
- 15" stainless steel loop foot and 2" leg
- Vertical supports maximum 48" OC
- ISO wean-to-finish spacing available, 7 bars
- Quick-latch or drop-pin connections
- Painted, galvanized, or powder-coated options available

DESCRIPTION	PRICE
32" Horizontal Bar Gating, Uncoated	
36" Horizontal Bar Gating, Uncoated	
Water Bracket Mounting Plate	
Wall Bracket	CALL FOR PRICING
Feeder Bracket	
Cup Drinker Mounting Plate	

STALLS

Vertical bar design with top jump bars. Crate is constructed of 3/4" solid rod frame with 5/8" vertical solid rods. Standard 7' length. Other lengths custom-built. Inside dimension options from 20" to 24". Designed with slope front or straight front. Heavy-duty construction built to withstand animal wear. Permanently attached drop-in pin/handle avoids loss of pins. Optional 2 3/8" O.D., 11-gauge steel feed tube. Optional stainless steel legs and mounting strap available. Painted, galvanized, or powder-coated options available.

DESCRIPTION	PRICE
Drop Back Gestation, Uncoated	
Boar Stall, Uncoated	CALL FOR PRICING

Optional feed tubes shown.

GESTATION & BREEDING GATING

- 3" x 3" x 1/4" square tubing end posts
- 3/8" mild steel floor plate 1-, 2-, or 3-way loops for add on or wall mount
- Swing gate attached to pen divider
- Posts on either end
- Feeders can be mounted in front gate or pen divider panels
- Side panel with pass-through gate

DESCRIPTION	PRICE
Vertical Bar Gating, Uncoated	
Mounting Post, Uncoated	CALL FOR PRICING

NURSERY BAR GATING

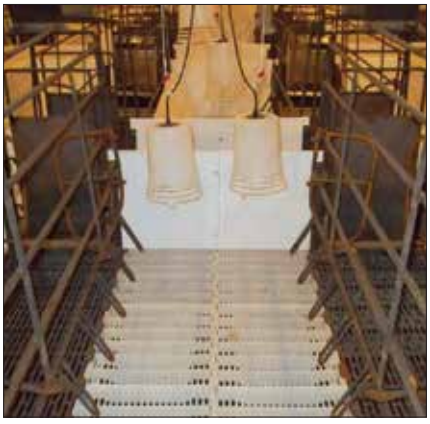
- 3/4" solid rod frame
- 3/8" solid rod interiors
- 2" rod spacing
- Mild steel feet, SS optional
- Painted, galvanized, or powder-coated options available

DESCRIPTION	PRICE
28" Vertical Bar Gating, Uncoated	
28" Horizontal Bar Gating, Uncoated	
Water Bracket Mounting Plate	
Wall Bracket	CALL FOR PRICING
Feeder Bracket	
Cup Drinker Mounting Plate	

Vertical Rod Gating also available.

TRADITIONAL MLS FINGER-BAR CRATE

- Horizontal bar design with top jump rail
- Crate is constructed of 3/4" solid rod frame
- Bolt down is 1/4" x 2" flat strap
- Available for 7' or 7' 6" length
- Rump guard built-in door
- Universal nipple waterer mounting brackets
- 1/2" solid fingers of bent rod with smooth radius designed for better piglet nursing access
- Painted, galvanized, or powder-coated options available
- Available with or without flip bar



DESCRIPTION	
Finger-Bar Crate, Non-Painted	CALL FOR PRICING

HARDWARE

Ductile Wedge 53
Rocker T-Bolt 53
T-Bolt 53
Ergofix Anchor 53
Stainless Steel Anchor Bolts 54
Plated Anchor Bolts 54
Stainless Steel T-Bolts 54
Stainless Steel J-Bolts 54
Stainless Steel U-Bolt Only 54
Nylock Nuts & Washers for J- & T-Bolts 54
Stainless Steel Flat Washers 54
Stainless Steel & Plated Threaded Rod 54
Stainless Steel Self-Drilling Hex Screws 54
Stainless Steel Slotted Hex Washer-Head Sheet-Metal Screw 54
Stainless Steel Pan-Head Screw 54
Slot Lock 54
Stainless Steel Square Washer 54
Zinc-Plated S-Hook 54

We stock a full line of 1/4", 5/16", 3/8", and 1/2" stainless steel and plated bolts. Call for availability and pricing.

DUCTILE WEDGE

Heavy duty ductile fastener to secure penning to concrete slats.

MODEL NO.	DESCRIPTION	PRICE
BMD-WEDGE3/8	Ductile Wedge (does not include bolt)	**$2.50**
BMD-380063	3/8" x 5" All Thread Bolt	**.85**
BMD-380071	3/8" x 6" All Thread Bolt	**1.00**
BMD-WASHER	3/8" SS Washer (thick)	**.25**

Order 5" bolts for use with 4" thick slats, order 6" bolts for use with 5" thick slats.

T-BOLT

MODEL NO.	DESCRIPTION	PRICE
FW-HST-CABOK	T-Bolt 3/8"x3" Stainless w/Nut and Washer	**$3.15**

ROCKER T-BOLT

Stainless steel, ideal for securing posts, gates or crates to woven wire or metal flooring in nurseries or farrowing.

MODEL NO.	DESCRIPTION	PRICE
MW-516262	5/16 x 2" Rocker T-Bolt	**$1.95**

ERGOFIX ANCHOR

Ergofix slat anchors have been designed to overcome installation problems arising from current anchoring systems.

Made from polyamide and stainless steel, the Ergofix slat anchors are installed simply from the top surface of plastic slatted floors for fixation of feeders and farrowing crates, etc., without the need for installation tools. The Ergofix-Plastic requires a minimum slot width of 9.5mm.

The Ergofix Plastic needs minimum slot width of 9.5 mm.

MODEL NO.	DESCRIPTION	PRICE
AR-ERG010	Ergofix Anchor – Plastic	**$3.10**

STAINLESS STEEL ANCHOR BOLTS

MODEL NO.	DESCRIPTION	PRICE EACH
MW-140100	1/4" x 2 1/4"	$1.15
MW-140106	1/4" x 3"	1.25
MW-380101	3/8" x 2 3/4"	1.30
MW-380104	3/8" x 3"	1.35
MW-380100	3/8" x 3 3/4"	1.65
MW-380107	3/8" x 5"	3.00
MW-120101	1/2" x 3 3/4"	2.75
MW-120108	1/2" x 5 1/2"	3.25

Nuts and washers included.

PLATED ANCHOR BOLTS

MODEL NO.	DESCRIPTION	PRICE EACH
MW-140102	1/4" x 2 1/4"	$1.45
MW-140215	1/4" x 3"	.45
MW-380103	3/8" x 3"	.88
MW-380110	3/8" x 3 3/4"	.60
MW-380108	3/8" x 5"	.70
MW-120100	1/2" x 3 3/4"	.90
MW-120105	1/2" x 5 1/2"	1.10

Nuts and washers included.

STAINLESS STEEL FLAT WASHERS

MODEL NO.	DESCRIPTION	PRICE EACH
MW-516014	5/16" Stainless Steel Flat Washer	$.10
MW-380014	3/8" Stainless Steel Flat Washer	.11
MW-120014	1/2" Stainless Steel Flat Washer	.15
BMD-WASHER	Washer 3/8" Extra Thick Stainless	

STAINLESS STEEL & PLATED THREADED ROD

MODEL NO.	DESCRIPTION	PRICE EACH
TH-160612	1/4" x 6' Stainless Steel	$5.75
TH-160140	1/4" x 6' Plated	1.65
TH-160604	5/16" x 6' Stainless Steel	6.50
TH-160141	5/16" x 6' Plated	2.85
TH-160605	3/8" x 6' Stainless Steel	8.90
TH-160142	3/8" x 6' Plated	3.25
TH-160618	1/2" x 6' Stainless Steel	18.05
TH-160144	1/2" x 6' Plated	6.00

STAINLESS STEEL T-BOLTS

MODEL NO.	DESCRIPTION	PRICE EACH
MW-380549	3/8" x 5"	$3.45
MW-380551	3/8" x 6"	4.35
MW-380554	3/8" x 7"	5.35
MW-120112	1/2" x 5 1/2"	4.60
MW-120115	1/2" x 5 3/4"	5.00
MW-120117	1/2" x 6"	5.40
MW-120111	1/2" x 6 1/2"	7.70
MW-120113	1/2" x 7"	7.70

Nuts and washers must be ordered separately. See below.

STAINLESS STEEL J-BOLTS

MODEL NO.	DESCRIPTION	PRICE EACH
MW-516078	5/16" x 2 1/2"	$2.87
MW-516086	5/16" x 4"	2.45
MW-516147	5/16" x 5 1/2"	2.50
MW-516151	5/16" x 6 1/2"	2.75
MW-380096	3/8" x 2 1/2"	1.95
MW-380075	3/8" x 3 1/2"	2.05
MW-380152	3/8" x 3 3/4"	4.00
MW-380145	3/8" x 4 1/2"	4.45
MW-380151	3/8" x 5 3/4"	4.75
MW-380144	3/8" x 6"	5.00
MW-380146	3/8" x 6 1/2"	5.25
MW-380143	3/8" x 7"	5.90

Nuts and washers must be ordered separately. See below.

STAINLESS STEEL U-BOLT ONLY

MODEL NO.	DESCRIPTION	PRICE
FAST-74619	1/4" x 1"	$1.45

NYLOCK NUTS & WASHERS FOR J- & T-BOLTS

MODEL NO.	DESCRIPTION	PRICE EACH
MW-516006	5/16" Stainless Steel Nylock Nut	$.17
MW-380006	3/8" Stainless Steel Nylock Nut	.23
MW-120006	1/2" Stainless Steel Nylock Nut	.55

STAINLESS STEEL SELF-DRILLING HEX SCREWS

MODEL NO.	DESCRIPTION	PRICE/100
TH-171596	#10 x 3/4"	$12.50
TH-171600	#10 x 1"	15.40
TH-171605	#10 x 1 1/2"	19.50

STAINLESS STEEL SLOTTED HEX WASHER-HEAD SHEET-METAL SCREW

MODEL NO.	DESCRIPTION	PRICE/100
TH-171609	#10 x 3/4"	$9.85
TH-171610	#10 x 1"	10.85
TH-171620	#10 x 1 1/2"	11.85

STAINLESS STEEL PAN-HEAD SCREW

MODEL NO.	DESCRIPTION	PRICE/100
TH-171484	#10 x 3/4"	CALL
TH-171486	#10 x 1"	CALL
TH-171490	#10 x 1 1/2"	CALL

SLOT LOCK

- Simple anchoring system for gates on concrete slats
- Spin-down, top-side installation
- Includes washer, 3/8" x 4" SS bolt

MODEL NO.	DESCRIPTION	PRICE EACH
WAH-BOLT	Slot Lock	$2.90

STAINLESS STEEL SQUARE WASHER

- Beveled edges
- Ideal for use with slot-lock bolt to attach penning to slats

MODEL NO.	DESCRIPTION	PRICE
P-770478	2"x2 1/2" Square Washer	$1.90

ZINC-PLATED S-HOOK

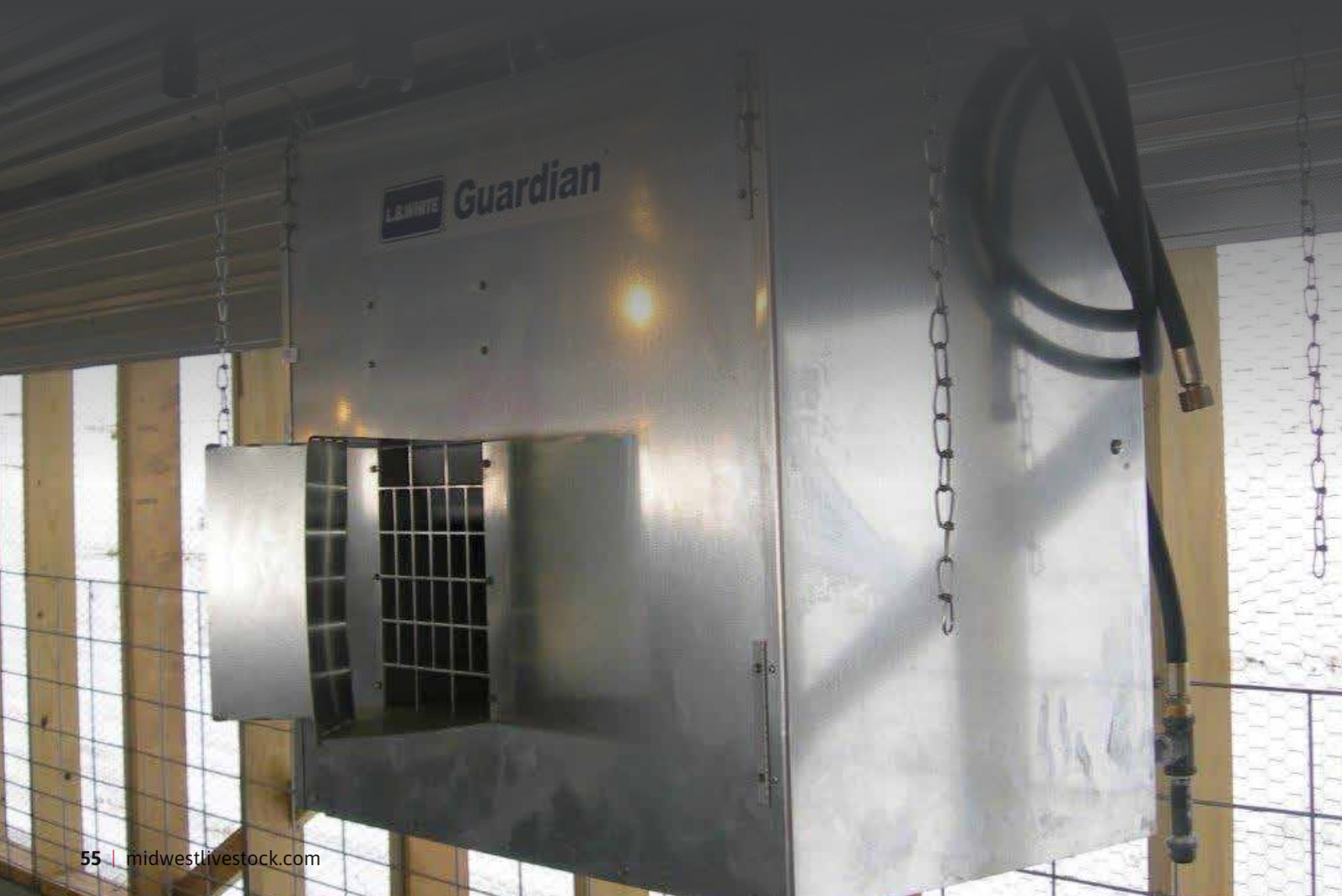
MODEL NO.	DESCRIPTION	PRICE EACH
99-50-1029	1" Plated S-Hook	$.07
99-50-0325	1 1/2" Plated S-Hook	.09
99-50-0005	2 1/8" Plated S-Hook	.20

Use S-hook to attach cable to equipment. Zinc-plated S-hook is 5/32" diameter in lengths of 1", 1 1/2", or 2 1/8".

HEATERS & PARTS

Retroliter® Heat Lamp. 56
Stanfield® Heat Mats & Control. 56
Kane Heat Mats & Control 56
* Hog Hearth 56
Heat Lamps, Bulbs & Accessories 57
Comfort Zone 20™ Heat Lamp Bulb. 57
Stanfield Controls 56
Kane Controls. 56
SBM Infrared Heaters
Nursery Heaters 57
Farrowing Heaters 57
Heat-Mate Parts. 57
Hired-Hand® Heaters
Super Saver XL Outside-Mount. 58
Super Saver XL Inside-Mount. 58
Accessory Kit. 58
Hired-Hand® Heater Repair Parts. 58
L.B. White® Heaters
Pilot Ignition Heaters. 59
Spark Ignition Heater 59
Indoor/Outdoor Hot Surface Ignition Heaters 59
Guardian Accessories. 59
Pilot Heaters. 59
L.B. White® Heater Repair Parts
Hot Surface Ignition Heaters (HSI). 60
L.B. White® Spark Ignition Parts 60
L.B. White Smart Sense Heaters. 61
Infraconic® Radiant Heater 61
Herdstar Micro Zone 61
AP Purafire Heater Parts. 62
AP Variflame Heaters. 62

** Indicates New Product*



HEATERS & PARTS

KANE HEAT MATS

- CSA/UL, CE tested and approved for safe reliable performance
- Large heated surface, supplies uniform heat and ZERO heat loss to the bottom side of the mat
- Operates 35 degrees above room temperature
- Easy to clean, with non-slip surface made of durable high density polyethylene
- 110V, 10' cord, SS spring protection, PVC cord guard with PHMS/D48
- On-site repairable element and insulation

MODEL NO.	DESCRIPTION	PRICE
SINGLES		
KANE-PHMS-36	13.5" x 36" Mat	**$80.90**
KANE-PHMS-48	13.5" x 48" Mat	**95.45**
KANE-PHMS-60	13.5" x 60" Mat	**132.00**
DOUBLES		
KANE-PHMD-36	27" x 36" Mat	**134.65**
KANE-PHMD-48	27" x 48" Mat	**156.35**
KANE-PHMD-60	27" x 60" Mat	**184.10**

KANE CONTROLS

- TD1-15II automatically controls 1 zone/room
- Includes temperature sensor & 30Amp load module
- Add additional 30Amp load modules as needed
- Electronic LED with simple operation
- Easy to program and manage
- Programmable ramping: Automatically decreases mat surface temperature daily as pigs grow
- Saves up to 50% energy consumption when used to manage heat mats
- 120/240Vac & CE certified

MODEL NO.	DESCRIPTION	PRICE
KANE-TD1-15II	30 Amp	**$341.20**
KANE-RU-30AMP	Slave Unit Relay 110V 30 amp	**CALL**
KANE-PHM-36C	Sensor Mat	**117.85**
KANE-HMR-300	Rheostat 300W	**43.50**

HOG HEARTH HEAT MATS

Innovative Heating

The Hog Hearth Heat Mat provides continuous antimicrobial surface protection from disease-causing microbes and bacteria. The antimicrobial additive lasts a lifetime eliminating stains, odors and surface deterioration.

- Reduce crate heating costs by up to 65%
- Fire rated 5VA enclosure
- Tough long lasting construction with medical grade plastic shell
- New non-slip, easy-clean surface
- Even and consistent heat–get the right amount of heat to your pigs at the right time
- Less crushing and lay-ons, leading to lower mortality rate
- Consistent improved weight per litter
- Safe operation– no shocks–no fires

MODEL NO.	DESCRIPTION	PRICE
INT-HH-CP-V1	Cord Protector	**$12.20**
INT-HH-HMC2	Heat Mat Controller	**508.75**
INT-HH-HMC2-S	Heat Mat Slave Unit	**217.15**
HOG HEARTH DOUBLE MAT *Designed to service two farrowing crates*		
INT-HH-135-120	24"x48" 4' Double Heat Mat 120v	**230.80**
INT-HH-180-120	24"x60" 5' Double Heat Mat 120V	**318.50**
HOG HEARTH SINGLE MAT		
INT-HH-75-120	14"x48" 4' Single Heat Mat 120V	**184.60**
INT-HH-90-120	14"x60" 5' Single Heat Mat 120V	**220.50**

**Connection placement on mats vary, please specify if top or bottom placement is needed.*

**Voltage also comes in 120, 208 or 240 volts.*

**Each control/slave unit will operate 13 double mats when wired with 120 volts.*

STANFIELD® HEAT MATS

MODEL NO.	DESCRIPTION	PRICE
OS-FH-RS2B30-1	2' x 3' Mat	**$147.00**
OS-FH-RS2B40-1	2' x 4' Mat	**182.00**
OS-FH-RS2B50-1	2' x 5' Mat	**217.00**
OS-FH-RS1B30	1' x 3' Mat	**97.00**

STANFIELD CONTROLS

MODEL NO.	DESCRIPTION	PRICE
OS-FE-00F920A	Automatic Heat Mat Control 2400W cap.	**$435.00**
OS-FE-00F920D	Automatic Heat Mat Control 4800W cap.	**580.00**
OS-FE-00F911	Manual Heat Mat Control 600W max.	**65.00**

RETROLITER® HEAT LAMP

- Adjustable hanger attached to the 9' cord for easy adjustment
- Lamp holder is fully enclosed to protect against breakage and water penetration
- Shock-absorbing nonmetallic shade/enclosure will not dent or corrode and reduces the risk of damage to the heat lamp
- UL-approved
- Unconditional 3-year warranty

MODEL NO.	DESCRIPTION	PRICE 1-63	PRICE 64+
RET-HSHLF	Retroliter	**$16.50**	**$15.00**
RET-HSHLCHA	Cord & Holder Assbly.	**10.25**	**–**
RET-HSHLCHA-COM	Cord & Holder Assbly.	**16.90**	**–**
RET-HSHLFHA	Complete Hanger Assbly.	**1.25**	**–**

HEATERS & PARTS

SBM INFRARED HEATERS

- **Put the heat at the pigs' level.**
- **Energy savings—heat the pig, not the air.**
- **Create a "Comfort Zone" for the pigs.**

NURSERY HEATERS

SBMs in Nurseries

- Operate rooms at lower temperature.
- Clearly defined rest area
- Pigs start faster and healthier
- Improved comfort

MODEL NO.	DESCRIPTION	PRICE
SBM-3032005	4,450 BTU 3ZRFS	$137.70*
SBM-3062005	10,000 BTU 6ZRFS	153.00

**Excludes controls, valves, and accessories.*

FARROWING HEATERS

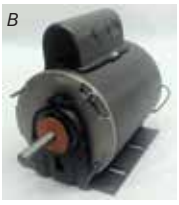
MODEL NO.	DESCRIPTION	PRICE
SBM-3012005	1,700 BTU 1ZRFS	$120.05*
SBM-3022005	3,250 BTU 2ZRFS	129.75

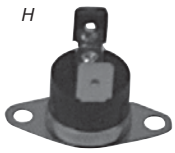
**Excludes controls, valves, and accessories.*
Call for quotes on natural gas.

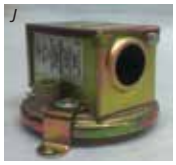
HEAT LAMPS, BULBS & ACCESSORIES

MODEL NO.	DESCRIPTION	PRICE
VALUE BULB		
AG-125W-HEAT LAMP	125W Heat Lamp Bulb	$1.85
AG-250W-HEAT LAMP	250W Heat Lamp Bulb	1.85
PHILLIPS HEAT LAMP BULB		
RET-175 Phillips	Heat Lamp, par 38/175W Bulb	CALL
HEAT LAMP REFLECTORS & PARTS		
MS-BJ209	Brooder w/ 9' Cord (w/o Bulb)	8.30
MS-S20	Porcelain Socket	1.40
MS-SC18	Spring Clamp	CALL
REPLACEMENT CORD		
MS-BJ209CORDS	18-2 9' 110V Replacement Cord	2.65

HEAT-MATE PARTS







MODEL NO.	DESCRIPTION	PRICE
HME-18-7	Hi/Low Thermostat ***[A]***	$151.10
HME-69	CPC 10C Prewired Thermostat ***[A]***	140.00
HME-33-15	1/2 hp Motor ***[B]***	CALL
HME-33-30	3/4 hp Motor ***[B]***	CALL
HME-6	Pressure Gauge ***[C]***	72.95
HME-18-5	Relay Control ***[D]***	23.90
HME-10	Hi/Low Bypass Solenoid Valve ***[E]***	61.70
HME-9	100% Solenoid Valve ***[E]***	66.35
HME-18-10	.1 amp Circuit Breaker ***[F]***	8.30
HME-18-9	20 amp Circuit Breaker ***[F]***	13.40
HME-18-8	3 amp Circuit Breaker ***[F]***	16.00
HME-32-30	Blower Wheel ***[G]***	105.35
HME-47	Limit Switch ***[H]***	18.10
HME-12	Electrode ***[I]***	23.20
HME-21	Dwyer Switch ***[J]***	57.85
HME-18-6	Ignition Board ***[K]***	187.50

Other parts are available – please call.

COMFORT ZONE 20™ HEAT LAMP BULB

- Helps spread uniform heat, unlike traditional bulbs
- Provides larger comfort zone for pigs, reducing "hot spot" directly under the bulb that pigs avoid

MODEL NO.	DESCRIPTION	PRICE 1-34 PCS	PRICE 35+ PCS (2 CASES)
RET-CZ20	Heat Lamp Bulb	CALL	CALL

HIRED-HAND® HEATERS

HOG BARNS, POULTRY BUILDINGS, DAIRY

UTILITY ROOMS, SHOPS & MACHINE SHEDS

- Easy-access, electrical control unit
- Manual-reset, high-temperature limit switch
- Diagnostic light for troubleshooting ease
- 110 volt, totally enclosed, thermally protected motor
- Electronic hot surface, instant-on ignition
- 40,000 to 225,000 BTU
- LP or natural gas
- Safety shutoff after failure detection
- Available in stainless steel or galva-zinc
- Backup safety sail switch
- Quick-disconnect wiring harness for easy service; gold-plated contacts prevent corrosion

SUPER SAVER XL OUTSIDE-MOUNT

Outside Mount Heater for Swine and Livestock Confinement Buildings

- Quick component access
- Highly efficient, direct-fired, gas-circulating heater designed for outside mounting
- Superior combustion is provided by fresh outside air
- Enclosed electrical control unit with quick-disconnect wiring harness
- Preassembled replacement modules makes unit easy to service in field
- Unit is accessible through side-swinging door
- LP or natural gas
- Enclosed, thermally protected motor with sealed ball bearings
- 225,000 BTU

MODEL NO.	DESCRIPTION	PRICE
HH-6601-7028	XL Outside-Mount	CALL

SUPER SAVER XL INSIDE-MOUNT

Inside-Mount Heater for Swine and Livestock Confinement Buildings

- Highly efficient, direct-fired, gas-circulating heater
- Designed for suspension mounting
- New side-swinging door design gives easy access to internal cabinet
- New Service Saver control unit and powerful blower motor
- 40,000 to 225,000 BTU
- LP or natural gas
- Available in stainless steel or galva-zinc finish
- Enclosed, thermally protected motor with sealed ball bearings

MODEL NO.	DESCRIPTION	PRICE
HH-6601-0104	75,000 Btu	$718.05
HH-6601-7024	225,000 Btu	798.00

Heater only on all of the above, accessory kit extra–see below.

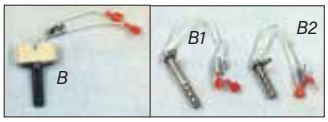
ACCESSORY KIT

MODEL NO.	DESCRIPTION	PRICE
HH-6650-0435	Includes Hose, Regulator, and Watertight Thermostat	$191.95

Natural gas heaters available.

HIRED-HAND® HEATER REPAIR PARTS

MODEL NO.	DESCRIPTION	PRICE
HH-3004-1301	LP Gas Valve (White Rodgers) *[A]*	$96.90
HH-6401-1301	NG Gas Valve (White Rodgers)	96.90
HH-3004-0100	LP Gas Valve (Honeywell)	92.55
HH-3004-0101	NG Gas Valve (Honeywell)	94.45
HH-6450-3002	O.S. Igniter *[B]*	27.95
HH-3002-3000	4" Igniter *[B1]*	44.10
HH-3002-5000	2.5" Igniter *[B2]*	47.20
HH-3005-0107	High Limit Switch (225,000 BTU) (Blue) *[C]*	11.70
HH-3005-0108	High Limit Switch (75,000 BTU) (Yellow)	11.70
HH-3001-1740	Sail Switch *[D]*	8.75
HH-6450-0091	4" Flame Sensor *[E]*	13.05
HH-3003-5010	1.25" Flame Sensor	13.05
HH-3001-0111	Low Pressure Gas Switch *[F]*	42.85
HH-3591-1851	HSI Module *[G]*	89.45
HH-3017-1301	Motor (225,000 BTU) *[H]*	159.65
HH-3017-1302	Motor (75,000 BTU) *[I]*	134.20
HH-6401-1726	Blower Wheel (75,000 BTU)	52.20
HH-6401-1308	Blower Wheel (225,000 BTU) *[J]*	53.45



HEATERS & PARTS

L.B. WHITE® HEATERS

HOG BARNS, POULTRY BUILDINGS, DAIRY UTILITY ROOMS, SHOPS & MACHINE SHEDS

FLEXIBLE AND ECONOMICAL HEAT

- Models meet different needs with heat outputs from 30,000 to 325,000 BTU, plus variable outputs for greater heating efficiency
- All models are available for use with propane or natural gas

RELIABLE AND DURABLE

- Sentinel System III advanced diagnostic controls monitor all primary heater functions for dependable, worry-free operation
- High-quality components and solid-case construction provide years of dependable service in corrosive environments

SAFETY

- All models are A.G.A. and C.G.A. certified to ensure they meet or exceed the highest recognized standards for safety and quality

10-YEAR WARRANTY ON CASE AND HEAT CHAMBER

- Standard Accessory Kit includes – Weather-tight thermostat (Nema 4X, 20 ft cord w/series tap plug); pressure regulator; 10 ft hose and remote mount, manual, gas shut-off valve
- Outdoor Mounting Kit includes – Mounting hardware; double-wall air duct (suitable for insulating); take-off and wall flanges; damper assembly and mounting template

PILOT IGNITION HEATERS

MODEL NO.	DESCRIPTION	BTU
LBW-346J	346 LP Complete	60,000
LBW-377G	377 LP Complete	115,000
LBW-408G	408 LP Complete	170,000
LBW-AB250LP	Guardian 250 Pilot Heater Only	160,000–250,000

CALL FOR PRICING

SPARK IGNITION HEATER

MODEL NO.	DESCRIPTION	BTU
LBW-AD250BSPN	Guardian 250 Spark Ignition Heater Only	160,000–250,000

INDOOR/OUTDOOR HOT SURFACE IGNITION HEATERS

MODEL NO.	DESCRIPTION	BTU
LBW-AW060AHPD	Guardian 60 LP Heater Only	30,000–60,000
LBW-AW100AHPD	Guardian 100 LP Heater Only	50,000–100,000
LBW-AW250AHPD	Guardian 250 LP Heater Only	100,000–250,000

GUARDIAN ACCESSORIES

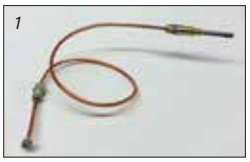
MODEL NO.	DESCRIPTION	PRICE
LBW-20176	Nema 4x Thermostat	
LBW-21993	Guardian 60–100 10' Hose	
LBW-20714	Guardian 250 10' Hose	
LBW-21973	Guardian 60–100 Piping Hardware	
LBW-08752	Guardian 250 Piping Hardware	
LBW-06553	Gas Regulator	
LBW-08749	Guardian 60–100 Eyebolt & Chain	
LBW-08748	Guardian 250 Eyebolt & Chain	
LBW-20111	Guardian 60 Air Diverter	
LBW-23127	Guardian 100 Air Diverter	
LBW-20048	Guardian 250 Air Diverter	
LBW-08752	Piping Hardware	

CALL FOR PRICING

PILOT HEATER REPAIR PARTS

MODEL NO.	DESCRIPTION	PRICE
LBW-03497	Thermocoupler (All Pilot Models) [1]	
LBW-02689	LP Orifice (346, 377) [2]	
LBW-07829	LP Pilot Light Bracket w/Orifice [3]	
LBW-02740	NG Orifice (348, 378, 410)	
LBW-02691	LP Orifice (408)	
LBW-02309	LP Gas Valve (346, 377, 408) [4]	
LBW-86302	LP Gas Valve (346-K) use LBW-21615 [6]	
LBW-21410	NG Gas Valve (346-K, 377-K) use LBW-21616	
LBW-21839	LP Gas Valve (377-K, 408-K) use LBW-21615	
LBW-21840	NG Gas Valve (408-K) use LBW-21616	
LBW-20436	Pilot Tubing for 250 Guardian Heater [7]	
LBW-02680	Sail Switch (All Pilot Models)	
LBW-05566	High Limit Switch (All Pilot Models) [5]	
LBW-05568	Thermostat (346, 348, 377, 379, 408, 410) [8]	
LBW-20290	Motor (346, 348) [9]	
LBW-20554	Motor (377, 379, 408, 410)	
LBW-20169	Motor (AB250)	
LBW-02808	Blower Wheel (346, 348) [10]	
LBW-03531	Blower Wheel (377, 379)	
LBW-02684	Blower Wheel (408, 410)	
LBW-09050	Blower Wheel (AB250)	

CALL FOR PRICING



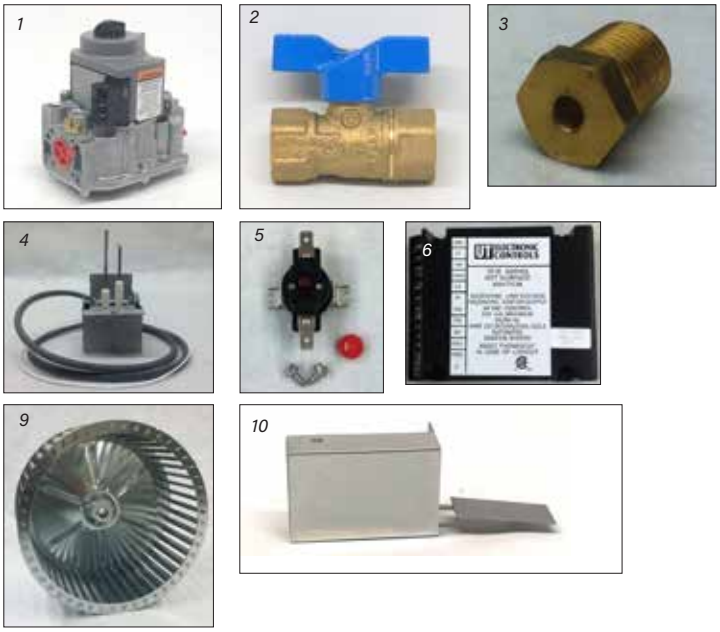
L.B. WHITE® HEATER REPAIR PARTS

HOT SURFACE IGNTION HEATER REPAIR PARTS

MODEL NO.	DESCRIPTION	PRICE
LBW-09201	Igniter w/o Bracket [A Top]	
LBW-573641	Igniter Conversion Kit f/ 60, 100 [A Bottom]	
LBW-09298	HSI Ignition Board (Models AW060, AW100, AW250) [B]	
LBW-08117	HSI Ignition Board (Model AW075) use LBW-22010	
LBW-22010	HSI Ignition Board Kit	
LBW-09368	LP Gas Valve (Models AW060, AW100, AW250) [C] use LBW-22076	
LBW-09428	NG Gas Valve (Models AW060, AW100, AW250) use LBW-22078	
LBW-09321	LP Gas Valve (Model AW075) use LBW-22039	
LBW-09320	NG Gas Valve (Model AW075) use LBW-22094	
LBW-05566	High Limit Switch (Model AW250) [D]	
LBW-03933	High Limit Switch (Models AW060, AW100, AW075) [E]	
LBW-09626	Flame Sensor (Models AW060, AW100) [F]	
LBW-08366	Flame Sensor (Model AW075)	CALL FOR PRICING
LBW-20139	Flame Sensor (Model AW250)	
LBW-09836	Air Flow Switch (Models AW060, AW100) [G]	
LBW-02680	Air Flow Switch (Model AW250) [H]	
LBW-20292	Motor (Models AW100, AW075) [I]	
LBW-20290	Motor (Model AW060)	
LBW-20169	Motor (Model AW250)	
LBW-02808	Blower Wheel (Model AW060) [J]	
LBW-03531	Blower Wheel (Model AW100)	
LBW-08177	Blower Wheel (Model AW075)	
LBW-09050	Blower Wheel (Model AW250)	
LBW-09615	Transformer (Models AW060, AW100, AW250) [K]	
LBW-08260	Transformer (Model AW075)	
LBW-09454	Piggy Back Thermostat [L]	
LBW-20714	LP Hose 1/2" 10' w/fittings [M]	
LBW-21993	LP Hose 3/8" 10' w/fittings [M]	
LBW-08748	Eyebolts and Chain Kit for Guardian 60, 100 [N]	
LBW-08749	Eyebolts and Chain Kit for Guardian 250 [N]	
LBW-09594	LP Orifice Main Burner [O]	

L.B. WHITE® SPARK IGNITION PARTS

MODEL NO.	DESCRIPTION	PRICE
LBW-22076	LP Gas Valve [1]	
LBW-20143	LP Throttle Valve [2]	
LBW-20141	LP Burner Orifice [3]	
LBW-22473	Igniter & Sensor Assembly [4]	
LBW-05566	High Limit Switch [5]	CALL FOR PRICING
LBW-24900	Ignition Control [6]	
LBW-09615	120/24 Transformer [7]	
LBW-20169	1/3 hp Motor [8]	
LBW-09050	Fan Wheel [9]	
LBW-24157	Airflow Switch Assembly [10]	



HEATERS & PARTS

L.B. WHITE SMART SENSE HEATERS

Smart Sense is a technologically-advanced swine facility heating solution. This innovative heating technology eliminates the inefficiency of standard on/off controls by managing the heat automatically through the house control. Smart Sense Heaters are managed by the ventilation control for buildings with an OEM house control that supports variable rate heat. Forced air heaters with automatic variable rate heat managed by an OEM environmental control that has the required software and capacity to manage Smart Sense heaters.

The LB White system generates only the amount of heat required to reach, maintain and hold a desired temperature by modulating Btu output.

- Saves up to 35% in fuel costs (annualized) with greatest savings seen in Spring and Fall
- Runs more frequently, but operates at firing rates as low as 25% of max Btu/h
- Consistant room temperature
- Enhanced animal welfare
- Improved air quality
- Features water tight casing and connections
- Includes sediment trap and 10' power cord
- Works with AP, Maximus, Genius/Monitrol, Multifan/Vostermans and Dicam environmental controls.

HEATER	MODEL NO.	BTU/H	FUEL	PRICE
GUARDIAN 60	LBW-AW060CHPD	15,000 / 60,000	LP OR NG	
GUARDIAN 100	LBW-AW100CHPD	25,000 / 100,000	LP OR NG	CALL FOR PRICING
GUARDIAN 250	LBW-AW250CHPD	65,000 / 250,000	LP OR NG	

Available in HSI & Spark Ignition. All heaters will be call for pricing.

Call today for your replacement parts!

We stock replacement parts for L.B. White® and Hired-Hand® heaters.

MLS has certified heater technicians on staff.

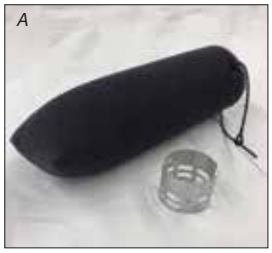
INFRACONIC® RADIANT HEATER

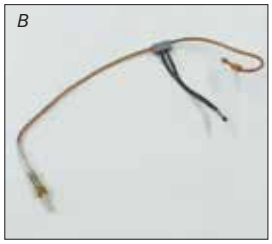
The Infraconic's patented design delivers more radiant energy to the ground than other heating solutions. This means you get a broader, more consistent heat pattern with less fuel. Your pigs stay warm, so they eat more and grow faster. And you save money because you're providing better heating with less fuel.

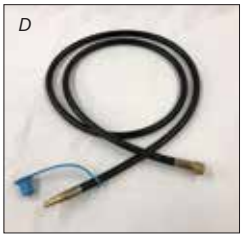
By creating a broader comfort zone with even heat distribution and no dead spots, the Infraconic helps you improve your productivity and reduce time to market through:

- Healthier lying patterns that minimize piling
- Better rates of gain
- Lower mortality
- Lower feed and medical costs

Based on independent testing, the 17,100 BTU/h Infraconic I-17 provided coverage for 170 weaner pigs within a typical 90 to 92° comfort zone compared to only 150 pigs covered by a competitive radiant product. What's more, the I-17 uses 20% less fuel than the competitive model to deliver the larger coverage area.







MODEL NO.	DESCRIPTION	PRICE
LBW-I5P-Z	5000 btu Zone Controlled	
LBW-I17P-Z	17,000 btu Zone Controlled	
LBW-09688	Medium-Capacity Modulating Control Panel	
LBW-09856	High-Capacity Modulating Zone Control Panel	CALL FOR PRICING
LBW-573167	Thermocoupler	
LBW-20427	Filter Kit [A]	
LBW-09416	Thermostatic Head w/ Sensor	
LBW-572733	Valve, Safety Control I17 "D" IND. [C]	
LBW-09574	Thermocoupler I17 [B]	
LBW-21333	Hose, 6' Male Quick Coupler [D]	
LBW-09597	Injector Tube I17 Brooder Heater [E]	

Available in propane or natural gas. Call for other parts, heater sizing, and pricing.

HERDSTAR MICRO ZONE *REDUCE ELECTRIC COSTS, IMPROVE PRODUCTION*

- Group heat lamp and heat mat control
- Regulate creep zone temperature for optimal piglet comfort
- Reduce pre-wean mortality
- 0-100% variable power output
- Ramps temperature down as pigs get older
- Each Power Modulator will operate one 20 Amp circuit
- Each MicroZone Controller will manage up to 12 Power Modulators

MODEL NO.	DESCRIPTION
GM-ASY-000023	MicroZone MC100 Lamp & Mat Controller
GM-ASY-000046	MicroZone MPM100 Power Modulator
GM-ASY-000049	MicroZone MPS100 Power Supply 110VAC
GM-ASY-000024	Temperature Sensor TS3

Independent Power Company tests confirm ***20%*** *power savings over 1 year*

AP PURAFIRE HEATER PARTS

MODEL NO.	DESCRIPTION	PRICE
AIR-20-5001	WR Valve On-Off Circuit Board [A]	$135.00
AIR-20-5046	350º High Limit Thermostat [B]	14.30
AIR-20-5047M	Metal Igniter [C]	41.65
AIR-5430-1-904	Air Proving Switch [D]	19.25
AIR-20-5045	Flame Probe [E]	13.70
AIR-20-5068	Flame Safeguard Relay [F]	29.80
AIR-20-5070K	LP Gas Valve [G]	152.20
AIR-20-5110	Blower Wheel (C225M) [H]	50.35
AIR-20-5099D	1/3 hp 120V Motor (C225M) [I]	205.60

A

B

C

D

E

F

G

H

I

AP VARIFLAME HEATERS

VARIABLE RATE HEATING WITH LESS HASSLE

The VariFlame variable rate heater offers producers more control, easier access and increased longevity compared to any other unit available on the market today. Pair the VariFlame in legacy mode with any controller, seamlessly synchronizing and adjusting with the temperature curves set in the controller to maintain desired room temperature.

VARIFLAME™

The standard on/off VariFlame heater offers manual control over heater output. Various output levels can be easily verified and set with a simple handle adjustment.

VARIFLAME™ EDGE

The VariFlame with EDGE™ Connect is designed to work with the AP EDGE control system, providing additional features including stir fan mode, exercise mode, remote access and diagnostics.

MODEL NO.	DESCRIPTION	PRICE
AP-VF-16-OPG	V-60HZ, ON-OFF, PROPANE, GALVANIZED	$844.80
AP-VF-16-OPP	VARIFLAME, 120V-60HZ, ON-OFF, PROPANE, PAINTED	929.25
AP-VF-16-OPS	VARIFLAME, 120V-60HZ, ON-OFF PROPANE, STAINLESS STEEL	1,114.35
	**Natural Gas Models Available Upon Request*	
VARIFLAME VARIABLE RATE HEATERS WITH EDGE CONNECT (PROPANE)		
AP-VF-16-EPG	VARIFLAME, 120V-60HZ, EDGE CONNECT, PROPANE, GALVANIZED	1,274.00
AP-VF-16-EPP	VARIFLAME, 120V-60HZ, EDGE CONNECT, PROPANE, PAINTED	1,357.25
AP-VF-16-EPS	VARIFLAME, 120V-60HZ, EDGE CONNECT, PROPANE, STAINLESS STEEL	1,542.95
	**Natural Gas Models Available Upon Request*	
VARIFLAME PARTS		
AIR-20-5011X	LARGE BLOWER WHEEL	85.75
AIR-20-5099D	MOTOR, 1/3 HP, 1PH, 60 HZ, 120V	205.60
HH-3001-1740	SAIL SWITCH	8.75
HH-3005-0111	THERMOSTAT, HIGH LIMIT	11.70
AP-VF1-3002	FLAME PROBE ASSEMBLY	31.05
AP-VF1-3004	HOT SURFACE IGNITER ASSEMBLY	3170
AP-VF2-3009	VARIFLAME ORIFICE,PROPANE	11.75
AP-VF2-3010	VARIFLAME ORIFICE, NATURAL GAS	11.65
AP-VF3-1008	VARIFLAME HEATER BURNER CASTING	11.20
AP-VF3-1013	BALL VALVE, 1/4 MNPT X 1/4 FNPT, COMPACT	CALL
AP-VF3-1016	ROCKER SWITCH, PANEL MOUNT, ON-OFF, CSA/UL	23.00
AP-VF3-1022	GAS VALVE, VARIFLAME VARIABLE RATE, LP	129.20
AP-VF3-1023	GAS VALVE, VARIFLAME VARIABLE RATE, NG	129.20
AP-VF3-1025	VARIFLAME VARIABLE RATE HEATER CONTROL	CALL
AP-VF3-1054	VARIFLAME VARIABLE RATE REPLACEMENT HEATER CONTROL BOARD	CALL
AP-VF3-1055	VARIFLAME VARIABLE RATE REPLACEMENT DISPLAY	190.10
AP-VF1-1020	VARIFLAME ON/OFF CONTROLS	270.20
AIR-20-5070	GAS VALVE-VARIFLAME ON/OFF, LP	125.50
AIR-20-5071	GAS VALVE-VARIFLAME ON/OFF, NG	125.50

MANURE HANDLING/ MORTALITY MANAGMENT

Balzer Vacuum Tank. 63
Better-Bilt® Vacuum Pump 64
Better-Bilt® CM-10 & M-10 Vacuum Pump. . . . 65
Better-Bilt® Suction Hose Assembly 66
Better-Bilt® Float & Indicator Assembly 66
Valve-Coupler & Deflector Assembly 66
Doda USA AFI Horizontal PTO Chopper Pump . .66
Pit Plugs 67
"Burpable" Pit Plugs 67
Pit-Boss 67
* Solids Buster 67
* Pit Scraper Drive Unit 67
Pit Scraper Pulleys 67

MORTALITY MANAGEMENT

Cloverdale Carcass Grinder 68
Val-Co Burn Mizer. 68
Burn-Easy Incinerator Parts. 68

** Indicates New Product*

BALZER VACUUM TANK

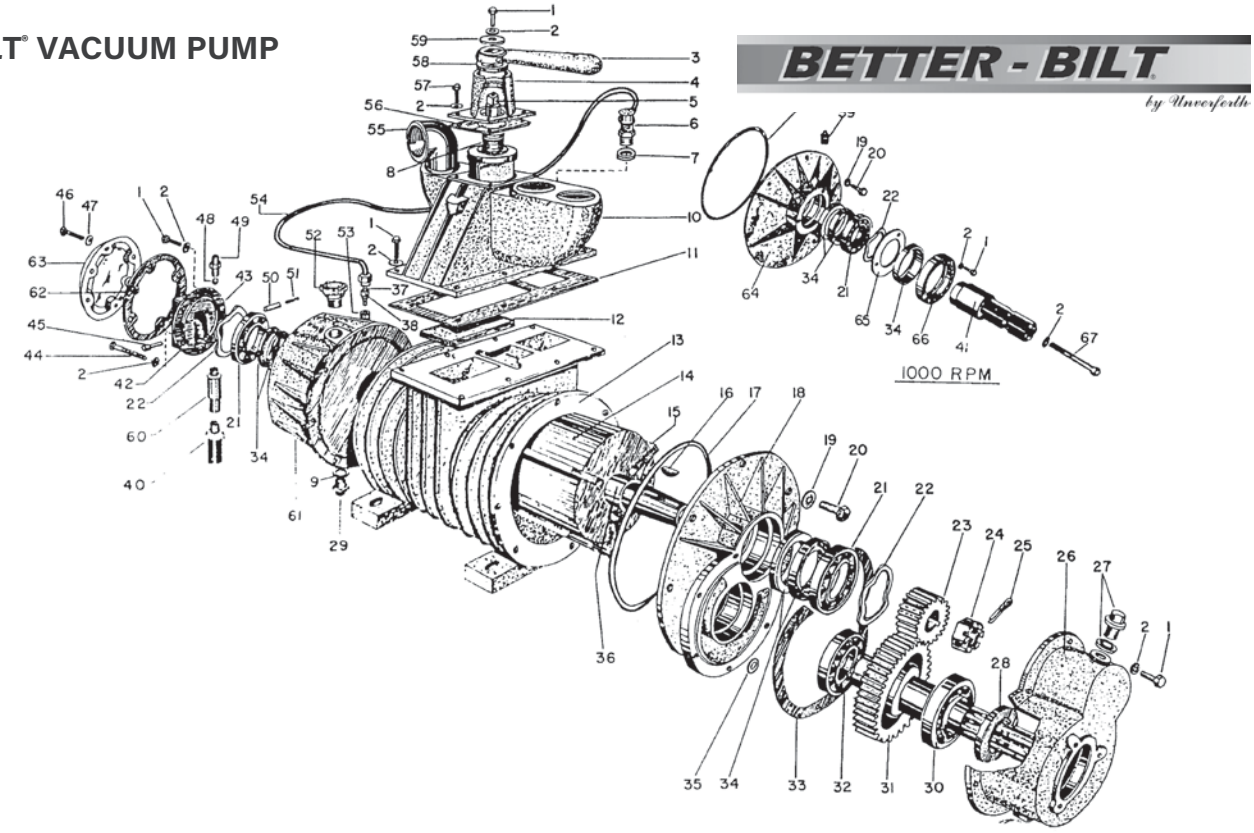
HIGH QUALITY STATE-OF-THE-ART ENGINEERING BUILT TO TAKE THE DEMANDS OF YOUR OPERATION

The Balzer Magnum series of Vacuum Tanks is the ultimate in performance and design featuring rugged, durable construction and the features you need and demand for your operations.

- Full 1/4" steel tank and domes ends with double thickness at seams for superior strength
- Full-length tank skids bolt to undercarriage
- Full 1/4" steel interior baffles add strength and reduce load surge when hauling
- Tanks have a 10-year, non-prorated warranty against rust-through or collapse to the original purchaser when hauling only animal wastes
- Wide variety of tire sizes
- STRESS-PROOF SPINDLES give added strength and lasting service to your spreader and are standard equipment: 6000, 7500, 10,000 and 12,000 gallon tanks feature 5" spindles
- Special width wheel bases are available for no-till, ridge-till, and side dressing applications—Ask your dealer for details.

BALZER INC.
STEWARDS FOR AG ENVIRONMENTS

BETTER-BILT® VACUUM PUMP



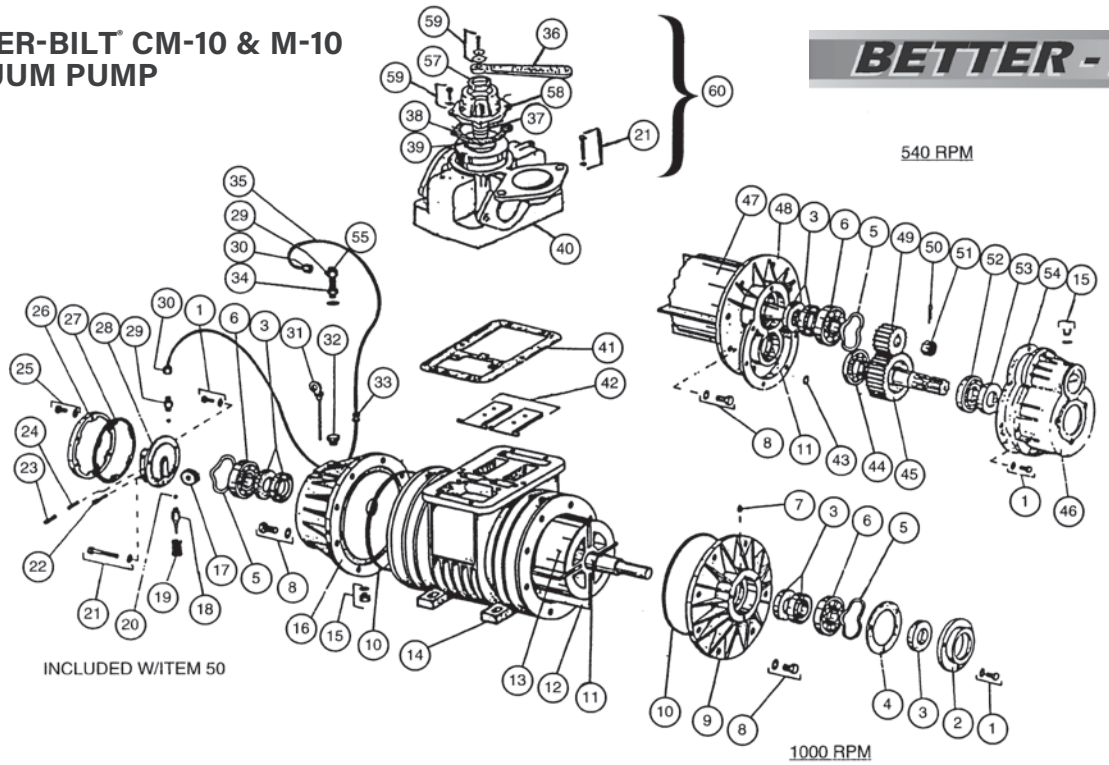
KEY	MODEL NO.	DESCRIPTION	REQ'D	PRICE EACH
1	WC-8E61	Cap Screw (8 x 25)	18	
2	WC-8E140	Lock Washer	24	
3	WC-6Z531	Selector Handle	1	
4	WC-6Z533	Valve Cover	1	
5	WC-6Z535	Cock Plug	1	
6	WC-6Z532	Oil Sight Glass & Reg.	1	
7	WC-8J18	Aluminum Washer for Oiler	1	
8	WC-6Z573	Clock Plug Spring	1	
9	WC-6Z569	Drain Plug	1	
10	WC-6Z536	Valve Housing	1	
11	WC-6Z537	Valve Housing Gasket	1	
12	WC-6Z538	Check Valve	1	
13	WC-6Z539	Pump Housing	1	
14	WC-6Z540	Rotor	1	
15	WC-6Z541	Vane	3	
16	----------	Half Moon Key	1	
17	WC-6Z570	O-Ring Gasket, Large (1410)	2	CALL FOR PRICING
18	WC-6Z543	Front Cover 540 rpm	1	
19	WC-8F140	Washer, End Plate Cover Bolt	14	
20	WC-8E61	Cover Bolt (10 x 25)	16	
21	WC-6Y182	Rotor End Bearing	2	
22	WC-6Z579	Spring Washer	2	
23	WC-6Z574	Small Gear 540 rpm	1	
24	WC-8N04	Lock Nut, Rotor Shaft 540 rpm	1	
25	WC-8B96	Cotter Key for Lock Nut 540 rpm	1	
26	WC-6Z547	Gear Housing Cover 540 rpm	1	
27	WC-6Z569	Grease Bolt & Washer 540 rpm	1	
28	WC-6Y184	Front Seal, Gear Shaft 540 rpm	1	
29	WC-6Z569	Drain Plug	1	
30	WC-6Y183	Front Bearing, Gear Shaft 540 rpm	1	
31	WC-6Z545	Large Gear 540 rpm	1	
32	WC-6Y185	Rear Bearing, Gear Shaft 540 rpm	1	
33	WC-6z546	Gear Cover Gasket 540 rpm	1	
34	WC-6Y181	Shaft Seal, Rotor 540 rpm	4	
	WC-6Y181	Shaft Seal, Rotor 1000 rpm	5	
35	WC-8F18	Washer, Alum. Gear Case 540 rpm	2	

KEY	MODEL NO.	DESCRIPTION	REQ'D	PRICE EACH
36	WC-6Z542	Steel Sleeve, Rotor Shaft	2	
37	WC-9Z65	Oil Line Ring	2	
38	WC-6Z566	Sleeve	1	
39	WC-6B13	Grease Fitting	1	
40	WC-6Z558	Oil Pickup Screen	1	
41	WC-9Z61	Spline Shaft 1000 rpm	1	
42	WC-6Z552	Oil Pickup Gear	1	
43	WC-6Z551	Oil Pickup Body	1	
44	WC-8E62	Bolt, Oil Pump, Long (8 x 65)	1	
45	WC-6Z533	Gear Holder Pin	1	
46	WC-8D34	Bolt, Plastic End Plate (6 x 20)	6	
47	WC-8D140	Washer, Plastic end Plate	6	
48	WC-6Z566	Steel Ball	2	
49	WC-6Z567	Oil Tube Connector	1	
50	WC-6Z554	Oil Tube Piston	1	
51	WC-6Z555	Spring, Oil Pump Piston	1	
52	WC-6Z550	Oil Filler Plug	1	CALL FOR PRICING
53	WC-6Z571	Oil Tube Connector	1	
54	WC-6Z572	Oil Line Tubing	1	
55	WC-6Y186	Valve Housing Street elbow (Use 907284)	1	
56	WC-6Z534	Valve Cover Gasket	1	
57	WC-8E60	Bolt, Valve Cover (8 x 20)	1	
58	WC-6S01	Handle Seal	4	
59	WC-8E11	Flat Washer for Handle	1	
60	WC-6Z557	Oil Tube, Bronze	1	
61	WC-6Z548	Oil Reservoir	1	
62	WC-6Z559	End Plate Gasket	1	
63		Plastic end Plate (Order 6Z45 & 9Z110)	1	
64	WC-6Z562	Front Cover 1000 rpm	1	
65	WC-6Z563	Gasket 1000 rpm	1	
66	WC-6Z564	Flange 1000 rpm	1	
67	WC-9Z60	Shaft Bolt	1	
	WC-150-7016	Repair Kit 540 rpm (9 Parts, 15 Total Pieces)	1	
	WC-150-7017	Repair Kit 1000 rpm (8 Parts, 15 Total Pieces)	1	

*Parts marked in **red** come with kit.*

MANURE HANDLING

BETTER-BILT® CM-10 & M-10 VACUUM PUMP



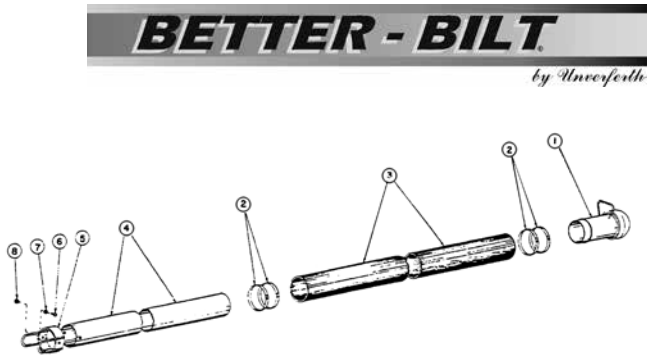
KEY	MODEL NO.	DESCRIPTION	REQ'D	PRICE EACH
	WC-2-914624-0	PB-10 Vacuum Pump 540 rpm		
	WC-2-914626-0	PB-10 Vacuum Pump 1000 rpm		
1	WC-8E61	M8 x M25 Hex Bolt, 1000 rpm	7	
	Wc-8E61	M8 x M25 Hex Bolt, 540 rpm	11	
	WC-8E140	M8 Lock Washer, 1000	11	
	WC-8E140	M8 Lock Washer 540	15	
2	WC-6Z564	Bearing Retainer	1	
3	WC-6Y181	Shaft Seal, 1000	5	
	WC-6Y181	Shaft Seal, 540	4	
4	WC-6Z563	Bearing Retainer Gasket 1000	1	
5	WC-6Z579	Spring Washer	2	
6	WC-6Y182	Rotor Shaft Bearing	2	
7	WC-6B13	Grease Fitting	1	
8	WC-8F32	M10 x M25 Hex Bolt	15	
	WC-8F140	M10 Lock washer	13	
9	WC-6Z562	Drive End Flange	1	
10	WC-6Z570	O-Ring Gasket	2	
11	WC-6Z542	Rotor Shaft Sleeve	1	CALL FOR PRICING
12	WC-6Z578	Rotor Vane	4	
13	WC-1-906620-1	1000 rpm Rotor	1	
14	WC-6Z432	Pump Housing	1	
15	WC-6Z569	Drain Plug & Washer, 1000	1	
	WC-6Z569	Drain Plug & Washer, 540	4	
16	WC-6Z548	Oil Reservoir	1	
17	WC-6Z552	Oil Pickup Gear	1	
18	WC-6Z557	Oil Tube, Bronze	1	
19	WC-6Z558	Oil Pickup Screen	1	
20	WC-6Z556	5/16 Steel Ball	2	
21	WC-8E62	M8 x M65 Hex Bolt	5	
	WC-8E140	M8 Lock washer	5	
22	WC-6Z553	Gear Pin	1	
23	WC-6Z554	Oil Pump Piston	1	
24	WC-6Z555	Spring	1	
25	WC-8B96	M6 x M20 Hex Bolt	6	
	WC-8D140	M6 Lock Washer	6	
26	WC-6Z560	Aluminum End Plate	1	
27	WC-6Z559	Gasket	1	
28	WC-6Z551	Oil Pump Body	1	

KEY	MODEL NO.	DESCRIPTION	REQ'D	PRICE EACH
29	WC-6Z567	Oil Line Connector(w/ Ferrule)	2	
30	WC-6Z565	Oil Line Nut	2	
	WC-6Z566	Oil Line Support, Inner	2	
31	WC-6Z549	Dip Stick	1	
32	WC-6Z550	Oil Fill Plug	1	
33	WC-6Z571	Oil Line Grommet	1	
34	WC-6Z532	Oil Sight Glass & Reg.	1	
	WC-8J18	M14 Aluminum Washer	1	
35	WC-6Z572	Oil Line Tubing	1	
36	WC-6Z531	6024-0002-0 Valve Handle	1	
37	WC-6Z573	6900-0032-0 Valve Spring	1	
38		6806-0019-0 Gasket	1	
39	WC-1-906621-1	6264-0036-0 Change-Over Device		
40	WC-6Z429-1	6264-0035-0 Manifold	1	
41	WC-6Z576	Gasket	1	
42	WC-6Z538	Check Valve	2	
43	WC-8F18	M10 Aluminum Flat Washer	2	
44	WC-6Y185	Rear Bearing, Drive Gear	1	CALL FOR PRICING
45	WC-6Z545	Drive Gear	1	
46	WC-6Z547	Gear Case	1	
47	WC-6Z574	Rotor	1	
48	WC-6Z543	Drive End Flange	1	
49	WC-6Z544	Small Gear	1	
50	WC-8B96	Cotter Pin	1	
51	WC-8N04	M20 Slotted Nut	1	
52	WC-6Y183	Front Bearing, Drive Gear	1	
53	WC-6Y184	Front Seal, Drive Shaft	1	
54	WC-6Z546	Gear Case Gasket	1	
55	WC-6Z532-1	Cap Only	1	
56	WC-9Z98	Oil Pump Complete	1	
57	WC-6S01	92-1000-000 Oil Seal	1	
58	WC-6Z780	6633-0002-0 Valve Cover	1	
59	WC-0-917311-0	96-1007-002 M8 x 30 Hexbolt		
	WC-8E140	10164 M8 Lock Washer	4	
60	WC-6Z429	Complete Manifold	1	
	WC-150-7018	Repair Kit, 540 rpm (8 Parts,18 Total Pcs)		
	WC-150-7019	Repair Kit, 1000 rpm (8 Parts, 18 Total Pcs)		

*Parts marked in **red** come with kit.*

BETTER-BILT® SUCTION HOSE ASSEMBLY

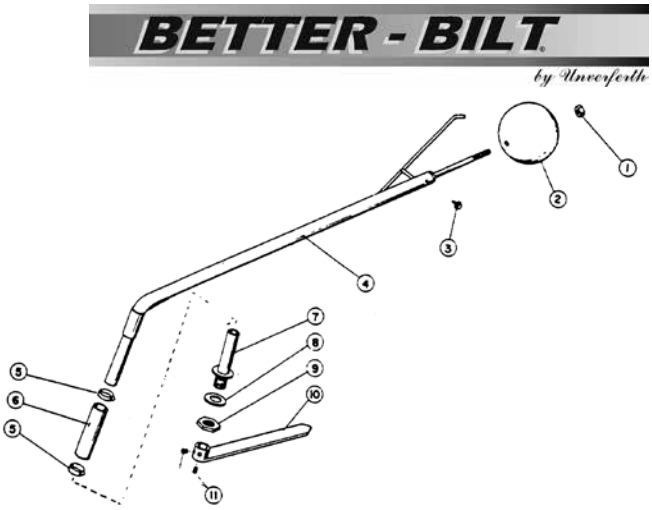
KEY	MODEL NO.	DESCRIPTION	REQ'D	PRICE EACH
	WC-150-5010	4" Suction Hose Assembly	1	
	WC-150-5011	6" Suction Hose Assembly	1	
1	WC-150-4126	4" Male Coupler w/ Handle	1	
	WC-150-4127	6" Male Coupler w/ Handle	1	
2	WC-8Y94	5/8" x 4" Stainless Clamp (Spec.)	4	
	WC-8Y95	5/8" x 6" Stainless Clamp (Spec.)	4	
3	WC-6Y54	4" x 10' Suction Hose	1	CALL FOR PRICING
	WC-6Y55	6" x 10' Suction Hose	1	
4	WC-150-1036	4" Aluminum tubing	1	
	WC-150-1037	6" Aluminum tubing	1	
5	WC-150-4120	4" Hose Guard	1	
	WC-150-4121	6" Hose Guard	1	
6	MW-380028	3/8" x 3/4" Hex Bolt	2	
7	MW-380015	3/8" Hex Washer	2	
8	MW-380000	3/8" Hex Nut	2	



BETTER-BILT® FLOAT & INDICATOR ASSEMBLY

KEY	MODEL NO.	DESCRIPTION	REQ'D	PRICE EACH
	WC-150-5022	Float & Indicator Assembly*	1	
	WC-210-5022	Float & Indicator Assembly**	1	
1	MW-516004	5/16" Hex Lock Nut	1	
2	Wc-9Y01	6" Plastic Ball	1	
3	WC-8C20	No. 14 x 3/4 Hex Sealing Screw	1	
4	WC-150-4130	Float Arm Weldment Assembly†	1	
	WC-210-4003	Float Arm Weldment Assembly††	1	CALL FOR PRICING
5	Ww-203331	1 1/2" Hose Clamp	1	
6	Wc-6Z114	Tubing	1	
7	WC-150-4124	Float Pivot Weldment	1	
8	WC-8C12	Rubber Washer	1	
9	WC-8S59	Jam Nut	1	
10	WC-150-4125	Indicator Weldment Assembly	1	
11	WC-8E21	Set Screw	1	

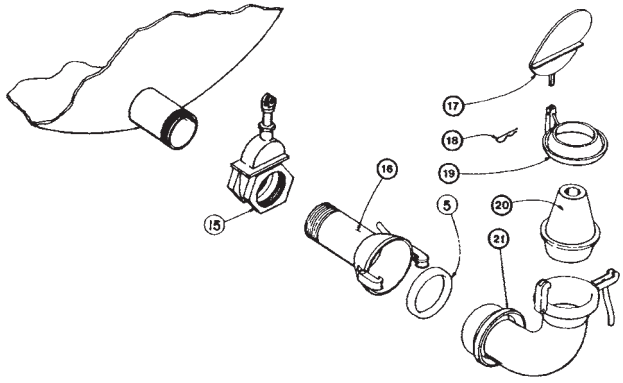
**Complete - 1100 & 1500* ***Complete - 2300 to 4600* *†1100 & 1500* *††2300 to 4600*



VALVE-COUPLER & DEFLECTOR ASSEMBLY

KEY	MODEL NO.	DESCRIPTION	REQ'D	PRICE EACH
5	WC-6Z119	4" O-Ring, Deflector Assembly	1	
15	WC-9Z212	4" Gate Valve	1	
	WC-9Z213	6" Gate Valve	1	
16	WC-9Y24	4" Threaded female Coupler	1	
	WC-9Y25	6" Threaded female Coupler	1	
17	WC-150-4172	Deflector Splash Plate	1	CALL FOR PRICING
18	WC-8C90	Hair Pin - Spring Clip	1	
19	WC-150-4099	Splash Guide Ring Weldment	1	
20	WC-6Z118	Rubber Nozzle	1	
21	WC-9Z48	Deflector Elbow	1	
	WC-150-5044	4" Spray Deflector Assembly*	1	
	WC-0-914686-0	6" Spray Deflector Assembly*	1	

**Complete (Keys 5 & 17-21)*



DODA USA AFI HORIZONTAL PTO CHOPPER PUMP

Patented Doda chopping system. Ideal when irrigating or injecting, product is thoroughly chopped after passing through pump, reducing plugging.

- Nodular cast iron housing
- Tungsten–carbide seal system
- Heavy duty gear box in a variety of gear ratios 540 or 1000 rpm
- Galvanized 6" suction cone with internal check valve
- Companion flange on pump discharge

CALL FOR PRICING

MANURE HANDLING

PIT PLUGS

- Provides virtually leakproof seal
- Optional PVC handle with molded plug
- Fill with pea gravel for optimal results

MODEL NO.	DESCRIPTION	PRICE
PP-8F	8" plugs	**$25.40**
PP-9/12F	9"–12" plugs	**36.75**
P-handle SS	SS Pull handle	**17.50**

"BURPABLE" PIT PLUGS

- Pit plug for 6"–8" sewer lines
- Extended body prevents plug from being completely pushed out of fitting by back pressure when adjacent plugs are pulled

MODEL NO.	DESCRIPTION	PRICE
PP-8BF	6"–8" Burpable Pit plug	**$29.00**

PIT-BOSS

Pit & lagoon treatment–one gallon treats 60,000 gallons of liquid.

- Environmentally safe
- pH-controlled product
- Not an enzyme or bacteria

Waste digestion involves three distinct bacteria types: aerobic bacteria, which break solids down into fatty and amino acids; anaerobic bacteria, which convert those acids into nuisance gases such as ammonia, hydrogen sulfide, and ethane; and facultative bacteria, capable of performing either role. Pit-Boss interacts chemically with waste constituents to boost the aerobic manure digestion process.

***Adjust may be used to balance pH of pit contents to enhance effectiveness of Pit-Boss. Virtually eliminates odor. Speeds the suspension of solids for faster, easier, more complete pump out. Enhances the fertilizer value of waste by reducing nitrogen loss. The guaranteed solution to your toughest pit problems!**

MODEL NO.	DESCRIPTION	PRICE
MW-pit boss	Pit-Boss – gal	**$55.50**
MW-pit boss 2.5 gal	Pit-Boss – 2.5 gal	**111.00**
mw-adjust	PH Adjuster	**call**

SOLIDS BUSTER

SOLIDS BUSTER is a very unique blend of enzymes and microbes. **SOLIDS BUSTER** will accelerate the break-up of solids, which increases storage capacity and allows for easier pumping.

- One five (5) pound container will treat up to 250,000 gallons of manure.
- You will only need to add **SOLIDS BUSTER** to your pit or lagoon one (1) time per pumping.
- **SOLIDS BUSTER** will work with either swine or dairy manure

MODEL NO.	DESCRIPTION	PRICE
MW-Solids Buster	Solids Buster 5 lb.	**$109.25**

PIT SCRAPER DRIVE UNIT

- 3/4 HP
- Approximately 50′ per minute travel

Wall Mount

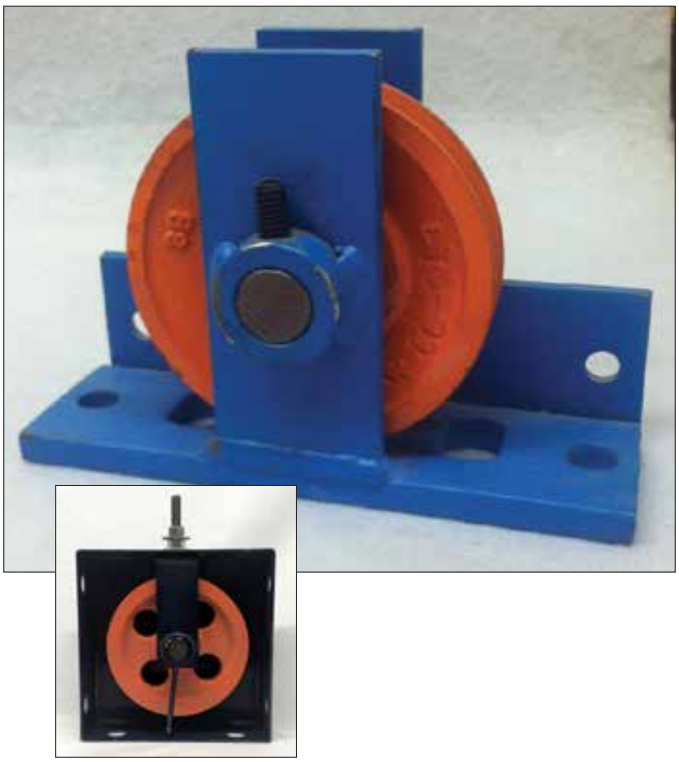
MODEL NO.	DESCRIPTION	PRICE
TS-MH1015	Drive Unit	**CALL**

DRIVE UNIT PARTS

MODEL NO.	DESCRIPTION	PRICE
TS-MH1020	GEARBOX 50:1	**$207.50**
TS-MH1022	CAPSTAN DRUM	**354.45**

PIT SCRAPER PULLEYS

- Cast wheel assemblies for cable-driven scrapers and inlets
- Handles up to 5/16" diameter cable
- Zerk grease fitting provided



MODEL NO.	DESCRIPTION	PRICE
71-00-1020	3.75" Corner Wheel Assembly	**$365.65**
71-10-0034	7" Wheel Assembly	**132.05**

MORTALITY MANAGEMENT

CLOVERDALE CARCASS GRINDER

Custom-built in sizes from285 cu. ft. to 1100 cu. ft., twin augers

- AR 200 Auger Flight
- 5/8" standard upgrade to 3/4"
- 1/4" stainless steel liner
- 21" tungsten carbide auger knives
- Optional stainless steel side discharge conveyor Sizes Available: 3',4',6'
- Front door conveyors
  - Flat feed out one side or both sides
- C-55 chain
- Heavy duty PTO with shear pin
- Weightronix scale or Digi-Star
- Ladder with viewing platform
- Heavy duty jack

CLOVERDALE VERTICAL TMRS LLC

MODEL	285	350	420	500	600
Approx. Cubic Ft	285	350	410	455	505
Capacity W/12" Top	340	425	498	560	620
Height	96"	98"	98"	105"	105"
Approx. Length	15'4"	15'8"	18'3"	18'4"	18'6"
Width	91"	101"	108"	110"	115"
Approx. Weight in Lbs.	6,800	8,100	9,400	10,100	10,900

INCINERATORS

VAL-CO BURN MIZER™

BLOCK LINED MODELS COST LESS TO OPERATE THAN ALL STEEL INCINERATORS

Biosecurity Protects Your Farm

- Burning destroys the spread of diseases
- Burning keeps rendering trucks off your property
- Burn Mizer meets or exceeds EPA guidelines
- Block-Lined units for maximum burning efficiency

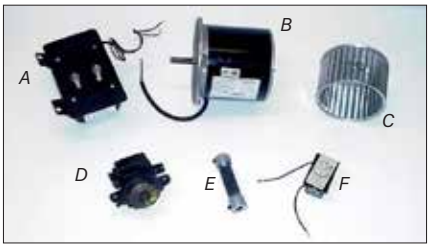
Burn Mizer Is Simple and Clean to Use

- Unit is completely automatic—load, set timer, and leave
- Burning is the fastest and easiest way to dispose of carcasses
- 100 lbs of carcass reduced to 1 gallon of ash for easy clean-up
- Burn Mizer has no unpleasant odors or smoke when operated properly

VALCO

MODEL NO.	CATALOG NO.	CAPACITY CU FT	CAPACITY LB	CAPACITY KG	FUEL TYPE	NO. OF DOORS/ DOOR OPENING	ELECTRIC TYPE	SHIPPING WEIGHT LB	SHIPPING WEIGHT KG	PRICE
4820*	PAX-475400	8	100	45	Oil	1 - 24" x 12"	60 HZ	563	255.4	
4830	PAX-475409	13	200	90	Oil	1 - 28" x 19"	60 HZ	1,250	567.0	
7230	PAX-475418	20	400	181	Oil	2 - 48" x 22"	60 HZ	1,650	748.4	
8430	PAX-475427	25	500	226	Oil	2 - 48" x 21"	60 HZ	1,925	873.2	CALL FOR PRICING
8436	PAX-475436	35	600	272	Oil	1 - 36" x 19"	60 HZ	2,550	1,156.7	
9642	PAX-475463	60	1,200	544	Oil	1 - 66" x 33"	60 HZ	3,450	1,564.9	
10852	PAX-475472	106	2,000	907	Oil	1 - 78" x 51"	60 HZ	5,645	2,560.6	

BURN-EASY INCINERATOR PARTS



MODEL NO.	DESCRIPTION	PRICE
RK-1105	6-Hour Timer - F	$40.85
RK-1201	115V Motor - B	139.60
RK-1203	Blower Fan - C	13.70
RK-1205	115V Transformer - A	77.20
RK-1209	Drive Coupling - E	17.60
RK-1211	Fuel Unit - D	103.00

MODEL NO.	DESCRIPTION	PRICE
RK-1213	Gun Assembly - E	$77.60
RK-1226	Electrodes - D	12.20
RK-1230	Air Tube Assembly - A	78.50
RK-1237	Solenoid Valve - B	42.10
RK-1239-160	Temperature Probe - F	103.00

BURN-EASY

LOOK FOR CARCASS CARTS FOUND ON PAGE 100.

PLUMBING & WATER SYSTEMS

Drinkers & Filters

33 Cup Model....70
33CI Cup Model....70
Galvanized Adjustable Water Brackets....70
Stainless Steel Water Brackets....70
Replacement Pipes....70
Monoflo Hanging Waterer....70
Trojan Swinging Water Brackets....70
41" SS Hi/Low Farrowing Crate Drinker Pipe....70
Replacement Water Lines for Crystal Spings Feeders....70
SDI Cup Drinkers....71
Stainless Steel Water Cups....71
SDI Gestation Drinker Pipes....71
Right Angle Clamp....71
Ultimate SS Vacuum Valve....72
Koca Aquamaster Vac Valve....72
Rotecna Water Level Regulator....72
High Pressure Regulator....72
Maxiflo Pressure Regulator....72
Plumbing Kit Components....72
Ritchie Drinkers & Parts....73
Water Filters....73
Hoses....73
Fence Trough With Gate....73
Replacement Filter Cartridges....73
Thorp Waterer....73

Nipple Waterers

Monoflo Nipples....74
Stingy Nipples....74
Edstrom Nipples....74
Lixit Nipples....74
Spiglet Model 97....74
Trojan Model 75....74
Model 65 Wet Feeder Nipples....74
Bekalö Nipple....75
SDI Nipple Bar Drinker & Holder....71

Medicators & Meters

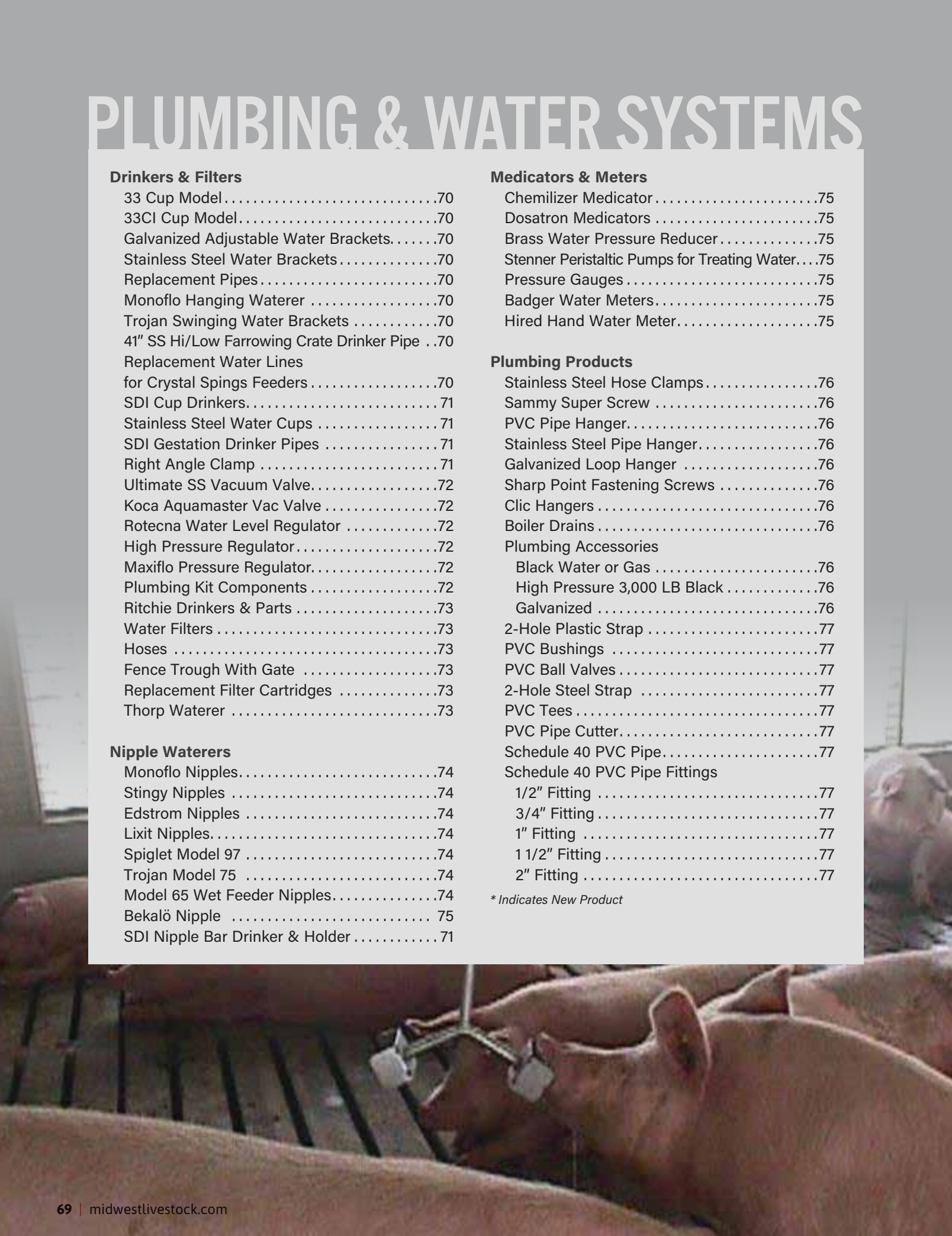
Chemilizer Medicator....75
Dosatron Medicators....75
Brass Water Pressure Reducer....75
Stenner Peristaltic Pumps for Treating Water....75
Pressure Gauges....75
Badger Water Meters....75
Hired Hand Water Meter....75

Plumbing Products

Stainless Steel Hose Clamps....76
Sammy Super Screw....76
PVC Pipe Hanger....76
Stainless Steel Pipe Hanger....76
Galvanized Loop Hanger....76
Sharp Point Fastening Screws....76
Clic Hangers....76
Boiler Drains....76
Plumbing Accessories
- Black Water or Gas....76
- High Pressure 3,000 LB Black....76
- Galvanized....76

2-Hole Plastic Strap....77
PVC Bushings....77
PVC Ball Valves....77
2-Hole Steel Strap....77
PVC Tees....77
PVC Pipe Cutter....77
Schedule 40 PVC Pipe....77
Schedule 40 PVC Pipe Fittings
- 1/2" Fitting....77
- 3/4" Fitting....77
- 1" Fitting....77
- 1 1/2" Fitting....77
- 2" Fitting....77

** Indicates New Product*



33 CUP MODEL

Orifice sleeve inside the filter controls high and low water pressure. Eliminates water surge and waste. Big enough for sows yet small enough for baby pigs. 7" long; 5 1/2" wide; 2" deep. Cast aluminum with electrostatically applied, baked-on powder coated finish; non-porous and easy to clean.

MODEL NO.	DESCRIPTION	PRICE
T-12513	Trojan Model 33	$38.15
T-13768	#393 Valve for #33 cup (2 pack)	10.70

33CI CUP MODEL

Cast iron cup stands up to tough abuse. Uses Trojan's trouble-free, nonsiphoning, patented 393 valve. Unique design allows uniform water flow. 7 1/2" long; 5 1/2" wide; 2" deep.

MODEL NO.	DESCRIPTION	PRICE
T-16104	Trojan Model 33CI	$40.25

GALVANIZED ADJUSTABLE WATER BRACKETS

Easily adjusts to meet various height needs. Bracket mounts to a variety of surfaces. Oval pipe & pinch bracket eliminates sideways turning. 1/2" male pipe inlet & 1/2" female pipe outlet. Optional back plate mounts to gates or panels.

MODEL NO.	DESCRIPTION	PRICE
AN-B101	24" Galv. Single	$12.85
AN-B102	24" Galv. Double 1 pen	15.65
AN-B202	24" Galv. Double 2 pen	15.65
AN-B101XL	36" Galv. Single	14.00
AN-B102XL	36" Galv. Double 1 pen	16.80
AN-B202XL	36" Galv. Double 2 pen	16.80
TS-WE1410	Back Plate Galvanized	CALL
TS-WE1420	Back Plate Stainless Steel	CALL

STAINLESS STEEL WATER BRACKETS

304 stainless steel construction. Adjusts up and down. Each style available in two lengths. Oval pipe and pinch bracket to eliminate sideways turning. 1/2" male pipe inlet and 1/2" female pipe outlet.

MODEL NO.	DESCRIPTION	PRICE
AN-B101SS	24" SS Single	$20.50
AN-B101XLSS	36" SS Single	22.45
AN-B102SS	24" SS Double 1 Pen	23.75
AN-B102-XLSS	36" SS Double 1 Pen	26.95
AN-B202SS	24" SS Double 2 Pen	23.75
AN-B202XLSS	36" SS Double 2 Pen	26.95

REPLACEMENT PIPES

MODEL NO.	DESCRIPTION	PRICE
GALVANIZED REPLACEMENT PIPES		
MW-MONO-3532-10-00	24" 1 Nipple 1 Pen	$9.50
MW-MONO-3534-10-00	24" 1 Nipple 2 Pen	9.50
MW-MONO-3533-10-00	24" 2 Nipple 1 Pen	9.50
MW-MONO-3538-10-00	36" 2 Nipple 1 Pen	10.70
MW-MONO-3540-10-00	36" 1 Nipple 1 Pen	8.75
MW-MONO-3526-10-00	36" 1 Nipple 2 Pen	10.70
STAINLESS STEEL REPLACEMENT PIPES		
MW-MONO-3536-10-00	24" 1 Nipple 1 Pen	12.45
MW-MONO-3535-10-00	24" 1 Nipple 2 Pen	15.40
MW-MONO-3537-10-00	24" 2 Nipple 1 Pen	15.40
MW-MONO-3539-10-00	36" 2 Nipple 1 Pen	17.85
MW-MONO-3527-10-00	36" 1 Nipple 1 Pen	14.35
MW-MONO-3529-10-00	36" 1 Nipple 2 Pen	17.85

MONOFLO HANGING WATERER

Reduces water waste. More water to animal. Equalizes access to water. Bracket, 24" in 304 stainless or galvanized. Kit includes 24" bracket, 6' chain, ceiling hook, and spring hook.

MODEL NO.	DESCRIPTION	PRICE
MW-MONO-3525-10-00	Stainless Steel 24" Complete Kit w/o Playguard	$18.50
MW-MONO-3525-11-00	Stainless Steel 24" Pipe Only	14.45

TROJAN SWINGING WATER BRACKETS

- Noncorrosive
- Stainless steel grommet won't wear out
- Self-cleaning–no internal areas for sludge deposits
- Wrench flats for easy nipple maintenance
- Threads molded right in for consistency and better sealing
- Same great features as the original finisher models

MODEL NO.	DESCRIPTION	PRICE
T-17598	Trojan Plastic Water Swing	$18.50
BM-231-5414	Chain for Water Swing	.70/ft
BM-231-7774	1/4" Quick Link (for Adjustment)	.80
T-17338	Trojan SS Water Swing w/ Playguard	46.40

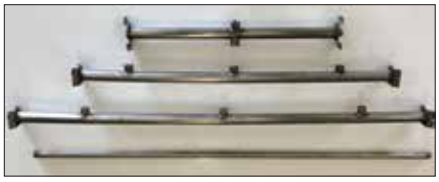
Improved design: Made of molded one-piece plastic—better than stainless at a galvanized price.

41" SS HI/LOW FARROWING CRATE DRINKER PIPE

- One-piece drinker assembly for watering sow and piglets in creep area
- Replace galvanized pipe, T's, and elbows that eventually leak with stainless steel durability
- Pipe assembly only–nipples not included
- Right-hand and left-hand version for installation on appropriate side of crate

MODEL NO.	DESCRIPTION	PRICE
MW-MONO-3542-15-00	41" SS Hi/Low Left-Hand Pipe	$19.25
MW-MONO-3542-15-10	41" SS Hi/Low Right-Hand Pipe	19.25

REPLACEMENT WATER PIPES FOR CRYSTAL SPRINGS FEEDERS



MODEL NO.	DESCRIPTION	PRICE
GM-P12-0501-348	Water Line 48" Round	$115.40
GM-P12-0501-460	Water Line 60" Round	139.75
GM-H12-0053	Water Pipe 48" Vertical	24.00
GM-P12-0501-224	Water Line 24" New Style	79.50
GM-P12-0501- _36	Water Line 36"	98.75

PLUMBING & WATER SYSTEMS

SDI CUP DRINKERS

- For nursery & wean-to-finish applications
- Single (one nipple) or double (two nipple) pan
- Water supply by nipple (included)
- All parts 304 stainless steel

MODEL NO.	DESCRIPTION	PRICE
SINGLE NIPPLE 304 STAINLESS STEEL		
SDI-WC-003	Single cup with drip T-fitting	**$64.10**
SDI-WC-003S	Single cup with straight fitting	**64.10**
SDI-WC-003-DMH	Gate mounting hardware for back-to-back—single nipple	**12.85**
SDI-WC-003-SMH	Gate mounting hardware for 1 gate—single nipple	**15.40**
DOUBLE NIPPLE 304 STAINLESS STEEL		
SDI-WC-002	Double cup with drip T-fitting	**83.35**
SDI-WC-002S	Double cup with straight fitting	**83.35**
SDI-WC-002-DMH	Gate mounting hardware for back-to-back—double nipple	**12.85**
SDI-WC-002-SMH	Gate mounting hardware for 1 gate—double nipple	**15.40**

SDI GESTATION DRINKER PIPES

- Many pork producers moving away from trough watering to individual nipple drinkers in gestation barns
- SDI Double Waterer brackets provide nipple drinkers to 2 individual sow stalls with one supply pipe
- 304 SS for long lasting durability
- Attaches to stall with Right Angle Clamp (as shown in picture)
- Right Angle Clamp is designed to attach vertical pipes to horizontal rods on gestation stalls

MODEL NO.	DESCRIPTION	PRICE
SDI-WLGEST18-2	18″ Double Waterer	**$14.75**
SDI-WLGEST24-2	24″ Double Waterer	**16.05**
SDI-WLGEST30-2	30″ Double Waterer	**17.30**
SDI-WLGEST26-2	36″ Double Waterer	**23.75**

** SDI single waterer drinker pipes available by special order.*

STAINLESS STEEL WATER CUPS

Bent Pipes available by special order.

MODEL NO.	DESCRIPTION	PRICE
PAX-RDNC-KIT	Nursery Water Cup, Includes 36" Offset Pipe & Nipple with Steel Spring	**$42.40**
PAX-RDWF-KIT-R	Wean-to-Finish Water Cup, Includes 48" Offset Pipe & Nipple with Rubber Spring	**46.00**
AA-6001N	Pipe Stabilizer Bracket Kit–Nursery SS	**5.00**
AA-6001W	Pipe Stabilizer Bracket Kit–Wean-to-Finish SS	**6.10**
AA-WCNP-01	Replacement Nipples	**2.50**

RIGHT ANGLE CLAMP

- Many pork producers are moving away from trough watering to individual nipple drinkers in gestation barns
- SDI Double Waterer brackets provide nipple drinkers to 2 individual sow stalls with one supply pipe
- 304 SS for long lasting durability
- Attaches to stall with Right Angle Clamp (as shown in picture)
- Right Angle Clamp is designed to attach vertical pipes to horizontal rods on gestation stalls

MODEL NO.	DESCRIPTION	PRICE
BMD-CLAMP 1/2" RIGHT	1/2″ Right Angle Clamp	**$2.50**

SDI NIPPLE BAR DRINKERS

SDI'S Nipple Bar is the practical solution for successfully weaning young piglets onto wet/dry feeders. The Nipple Bars are fitted with self-mounting quick attach clamps for securing to gating. After the pigs are started on wet/dry feed, the bars can be easily removed.

Available in different sizes-2 to 12 nipples per side on one side (single) or both (double).

Features

- SDI Piglet Nipples-Pre-installed (other brands available by request)
- Quick Attach Mounting Clamps: Works on 5/8″ – 3/4″ bar

SDI NIPPLE BAR HOLDERS

Ceiling-Mount Hangers (Set of 3)

(To hang bar when not in use)

CALL FOR PRICING

PLUMBING & WATER SYSTEMS

ULTIMATE SS VACUUM VALVE

- Replace water valves that stick and overflow
- SS valve and pipe supply a constant level of fresh water
- Bottom of pipe is placed at desired fill level
- Air vacuum allows valve to open and flow water; when water reaches pipe level and air vacuum ceases, valve shuts off water
- Ideal for filling gestation troughs or trough-style drinkers
- Clamp directly to gestation stall or fenceline

For best results, supply with 1/2" supply line

MODEL NO.	DESCRIPTION	PRICE
THO-ultimate	Ultimate SS Vacuum Valve (Valve & Pipe Only)	**$67.00**
THO-DIAPHRAM	Replacement Diaphram	**6.05**
THO-DIAPHRAM/B	Replacement Diaphram Bolt Style	**6.05**

ROTECNA WATER LEVEL REGULATOR

It automatically maintains the water level in gestation troughs (one every 30–40 sows) and lactating sow bowls. It allows the user to determine the desired water level by adjusting the height of the pipe end.

MODEL NO.	DESCRIPTION	PRICE
AR-19300000	VRH3 Water Level Valve	**$25.55**
AR-DTUBE02	1/2" x 5' Stainless Steel Down Tube	**21.30**

KOCA AQUAMASTER VAC VALVE

- Maintain constant water level in divider or trough
- Single, economical vacuum valve
- Take apart with a twist of the vacuum head
- Valve and stainless steel pipe sold separately

MODEL NO.	DESCRIPTION	PRICE
AA-6 1045-US	Aquamaster Valve	**$22.75**
AA-6 1047-US	60" Stainless Steel Pipe	**15.75**

HIGH PRESSURE REGULATOR

HIGH-VOLUME IN-LINE PRESSURE REDUCER

Large orifice and visual pressure gauge adjusts easily from 10 to 25 pounds of pressure. Allows greater flow of water. Constant pressure setting. Molded from heavy, durable plastic.

MODEL NO.	DESCRIPTION	PRICE
Z-970	Volume Pressure Regulator 10–20 PSI	**$62.85**
Z-HP101	High Pressure Regulator	**67.80**
Z-977	Diaphram (970)	**7.95**
Z-973	Opening Arm (970)	**2.45**
Z-188	Diaphram (HP101)	**8.95**
Z-93	Opening Arm (HP101)	**2.25**
Z-88-V	Rubber Seat (970 & HP101)	**.90**
Z-1849	Inline Regulator 5-14 psi	**69.25**

1849 is Recommended for use with Crystal w/d feeder

MAXIFLO PRESSURE REGULATOR

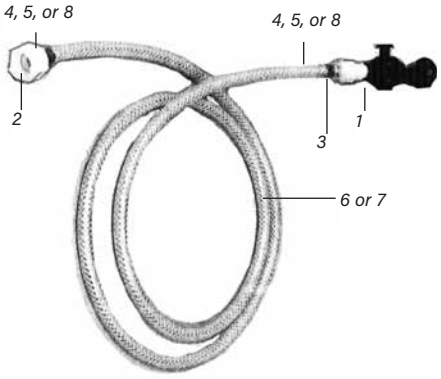
Provides a constant, even flow of water. Prevents water hammer. Built-in check valve to prevent back flow.

MODEL NO.	DESCRIPTION	PRICE
RC-6003	Adjustable Pressure Regulator, 1.5–8 psi	**$76.25**

PLUMBING KIT COMPONENTS

	MODEL NO.	DESCRIPTION	PRICE
1.	AA-6 3560-00-319	1. Saddle Valve w/ shutoff (blue)	**$1.65**
	AN-SO	In-Line Shutoff (N/S)	**2.56**
	RC-85M	Saddle Valve (N/S) (no shutoff)	**1.65**
2.	MW-MONO-3621-50-00	2. 1/2" SS FIP x 1/4" Inserted Adapter	**1.85**
	MW-MONO-3522-03-00	Monoflo Fittings—1/4" Barb x 1/2" Male SS	**1.65**
2.	MW-MONO-3522-04-00	2. Monoflo Fittings—1/4" Barb x 1/2" Female SS	**1.65**
2.	RC-RCT-33	2. 1/2" x 1/4" Female Fitting	**.45**
3.	RC-RCT-30	3. 1/4" x 1/4" Female Fitting	**.32**
3.	SPE-TAF1084	3. 1/2" x 1/4" Female Fitting Non-Swivel (N/S)	**1.05**
4.	RC-RCT-20203	4. SS Pinch Clamp for 1/4" Hose	**.16**
5.	RC-RCT-10101	5. Tru-Grip Clamp 1/4" ID 3/8" OD	**.15**
5.	AN-BC26	5. Squeeze Clamp (N/S)	**.30**
6.	RC-RCT-238V	6. Black Vinyl Hose 1/4" Black Vinyl Hose	**.22**
7.	AH-15011505	7. Clear Reinforced Hose 1/4" Clear	**.25**
	AH-15013001	Reinforced Hose 1/2"	**.51**
2.	RC-RCT-602	1/2" FIP x 1/2" Insert Fitting	**1.36**
	RC-RCT-36	1/2" MIP x 1/2" Insert Fitting	**.32**
8.	WW-203299	Worm Gear Clamp 62606	**.50**

Match numbers above with numbers in chart for correct model number.



N/S Saddle Valve shown

PLUMBING & WATER SYSTEMS

RITCHIE DRINKERS & PARTS

- Industry leader for animal watering since 1921
- Hog, beef, and dairy watering systems
- 10-year limited warranty on poly and steel products. Poly products warrantied for 5 years full, followed by 5 years prorated. Steel products warrantied for 10 years: 100% on stainless troughs against manufacturing defects and corrosion; 1 year full and 9 years prorated on casing and cover. No competitors offer a warranty this strong.

CALL FOR PRICING

PARTS

MODEL NO.	DESCRIPTION
NPC-13613	Hog Float w/ Plastic Arm 1/2"
NPC-12575	Hog Water Valve (red) 1/2"
NPC-18314	Float w/ Hardware Pkg 3/4"
NPC-11101	Cattle Water Valve (red) 3/4"
NPC-11419	250w Heat Element 120V 2.1 AMP

CALL FOR PRICING

WE ALSO CARRY WATERER PARTS FOR JOHNSON, BOHLMANN, & PRIDE OF THE FARM

Many more parts available. Call for more information.

WATER FILTERS

FLUSHABLE (SPIN DOWN)

Purge sediment without removing clear bowl. Centrifuge spin-down sediment separation. Molded noncorrosive housing. 140 mesh filter cartridge.

Complete assembly with drain valve.

MODEL NO.	DESCRIPTION	PRICE
DOS-015003	1"	$57.15
DOS-015007	1 1/2"	74.00
DOS-015010	2"	119.05

HOSES

MODEL NO.	DESCRIPTION	PRICE
AH-10031630	1/2" Reinforced Rubber 200 psi	$.55
AH-10031640	5/8" Reinforced Rubber 200 psi	.80
AH-10031650	3/4" Reinforced Rubber 200 psi	.95
AH-10031660	1" Reinforced Rubber 200 psi	1.25

FENCE TROUGH WITH GATE

- Works well for watering courts or can be placed in line to water two pens
- Penning bolts to trough; no posts required

MODEL NO.	DESCRIPTION	PRICE
THO-NWT48	12" W x 30" T x 48" L	
THO-WT48	16" W x 40" T x 48" L	

CALL FOR PRICING

Other sizes are available, please call.

REPLACEMENT FILTER CARTRIDGES

MODEL NO.	DESCRIPTION	PRICE
Z-780	1 1/2" [A]	$19.75
SS-FC0100	20 Micron String [B]	2.35
SS-FC0200	50 Micron Brown [C]	5.90
SS-FC0700	Paper Pleated [D]	3.65
SS-FC0800	50 Micron [E]	4.10
REPLACEMENT CARTRIDGE FOR SPIN DOWN FILTERS		
DOS-015116	1" (140 mesh)	13.25
DOS-015112	1 1/2" (140 mesh)	27.10
DOS-015120	2" (140 mesh)	40.40

Other mesh sizes available, not shown above.

A

B

C

D

E

THORP WATERER

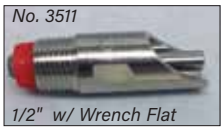
MODEL NO.	DESCRIPTION	PRICE
THO-UFW-24	24"-under Fenceline Waterpan w/ Valve	$123.10
THO-UFW-36	36"-under Fenceline Waterpan w/ Valve	$135.90

THORP EQUIPMENT

MONOFLO NIPPLES

MODEL NO.	DESCRIPTION	PRICE
MW-MONO-3511	1/2" Nipple Drinker w/ Wrench Flat	$2.05
MW-MONO-3518	1/2" Hex Nipple Drinker	2.30
MW-MONO-3519	1/2" Wet Feeder w/ Hex Nipple Drinker	2.40
MW-MONO-3517	1/2" Wet Feeder Nipple drinker	2.30
MW-MONO-3515	1/2" x 3/8" Piglet Nipple Drinker	2.05
MW-MONO-3513	3/8" Piglet Nipple Drinker	2.15

100% stainless steel, no brass. Solid one-piece construction. Adjustable orifice for piglets to finishing hogs.



STINGY NIPPLES

Flow rates match animals' need and swallowing capacity. Work on either gravity or pressure systems (3–50 psi). Spring ensures positive shutoff over range of operating pressures. Hex-nut fitting permits easy installation. Manufactured from brass and stainless steel.

MODEL NO.	DESCRIPTION	PRICE
IA-1310-100	3/8" Nursery	
IA-1310-120	1/2" Nursery	
IA-1770-100	1/2" Standard	
IA-1180-100	3/4" Nipple Heavy-Duty	
IA-1720-180	Wet feeder	

CALL FOR PRICING

Backed by a 2-year warranty!

WE STOCK REPAIR PARTS FOR ALL NIPPLES

EDSTROM NIPPLES

Stainless steel designs. No corrosion or mineral buildup. O-ring provides a positive water seal. *5-year warranty*

MODEL NO.	DESCRIPTION	PRICE
E-1000-0741	Sow Nipple	$8.75
E-1000-0743	Hog Nipple	8.75
E-1000-0744	Piglet Nipple	8.75
E-1000-0764	Piglet Nipple (Trainer)	12.60

LIXIT NIPPLES

Protected from debris-caused leakage with large, domed filter screen. Stainless steel construction. Farrow-to-finish application. Patented center-flow water delivery. Operates at 5–100 psi. Adjustable water flow.

MODEL NO.	DESCRIPTION	PRICE
LIX-88-0003	L-70 w/o Play Guard	$7.55
LIX-88-0000	L-80 w/ Play Guard	9.95

MODEL 65 WET FEEDER NIPPLES

304 stainless steel body and trigger. One-piece body fits a standard 1/2" connection. Domed stainless steel screen keeps water debris-free. Wrench flats make installation easy. Orifice is adjustable for three flow rates.

MODEL NO.	DESCRIPTION	PRICE
T-13834	Trojan Model 65	$5.35

SPIGLET MODEL 97

Designed especially for small pigs–feather-light trigger. Long-lasting stainless steel 1/2" adapter. Use in farrowing stalls, creeps, and nurseries. Body and trigger are built of corrosion-resistant 304 stainless steel. Slotted filter to keep foreign matter out of valve.

MODEL NO.	DESCRIPTION	PRICE
T-17403	Trojan Model 97	$4.50

TROJAN MODEL 75

304 stainless steel body and trigger. Trigger protected, built-in play guard. Slotted filter keeps foreign matter out of valve. Orifice is adjustable to provide three flow rates. Wrench flats provide ease in installation. Standard 1/2" connection.

MODEL NO.	DESCRIPTION	PRICE
T-13674	Trojan Model 75	$4.60

BEKALÖ NIPPLE

- Hi-Volume sow nipple to help increase water intake

MODEL NO.	DESCRIPTION	PRICE
QC-270370	Sow/Boar Nipple 1.2 gal./min	$14.75

See page 34 for Gro Masters' Crystal Springs Nipple.

PLUMBING & WATER SYSTEMS

CHEMILIZER MEDICATOR

Easy to install, easy to use, easy to maintain. The HN55 water motor is now so advanced, we have less than 1% return on warranty claims. Many of these units have been in the field for six years without service problems.

MODEL NO.	DESCRIPTION	PRICE
HAR-HN55	Chemilizer HN55	$323.80
HAR-FG9209	Pump & Rebuild Kit	48.10
HAR-FG5028	Ceramic Sleeve Assembly 1%	19.75

DOSATRON MEDICATORS

Dosatron is simple to install in water line. Unit is water-powered. Ratio is factory preset at 1 oz/gallon. Performs at low-flow rates.

DM11F

D128R

D25RE2

MODEL NO.	DESCRIPTION	PRICE
AG-102800	D128R 0.09 to 7 gpm Water Pressure Range 7-70 psi	$256.00
AG-D25RE2VFII	D25RE2 0.05 to 11 gpm Water Pressure Range 4.3-85 psi	334.00
DOSA-DM11F	DM11F 11 gpm diaphram	273.00
DOSA-D8R	D8R 40 gpm	1,059.00

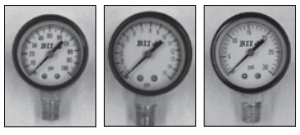
BRASS WATER PRESSURE REDUCER

- Rugged brass construction for durability
- Wrench adjustment design
- Stands up to an abusive environment

MODEL NO.	DESCRIPTION	PRICE
RC-RCT-6001	3/4" FOP Bronze Regulator	$49.50

PRESSURE GAUGES

MODEL NO.	DESCRIPTION	PRICE
RC-RCT-1803	0–15 lb	$5.75
RC-RCT-1800	0–30 lb	5.75
RC-RCT-1801	0–100 lb	5.75
RC-RCT-1802	0–200 lb	5.75



STENNER PERISTALTIC PUMPS FOR TREATING WATER

Peristaltic pumps are self-priming pumps that achieve pumping action by moving a system of rollers against a flexible tube without ever exposing the chemical to air or moving parts. Stenner pumps are an ideal way to inject treatment solution into a water system.

- Inject directly into water line without restriction or pressure loss
- Self priming
- Can inject concentrated or diluted solutions
- Can run dry without damaging pump
- Quick & easy tube replacement

CALL FOR PRICING

PART NO.	MODEL NO.	DESCRIPTION	PRICE
STNR-45MJH2BIS	45MPH10	*Single Head Adjustable Rate, .5–10 GPD, 26–100 psi, 220 volt	
STNR-45MF-H2AIS	45MPH10	*Single Head Fixed Rate, 10 GPD, 26–100 psi, 120 volt	
STNR-85MJH2AIS	85MPH17	**Single Head Adjustable Rate, .8–17 GPD, 26–100 psi, 120 volt	
STNR-85MJH-2BIS	85MPH17	***Single Head Adjustable Rate, .8–17 GPD, 26–100 psi, 220 volt	
STNR-PCM5		Pump Control Module .5–10 seconds	
STENNER WATER METERS			
STNR-JLP0750-IPPG		3/4" 1 Pulse/gallon meter	
STNR-JLP1000-IPPG		1" 1 Pulse/gallon meter	
STNR-UCCP201		1/4" (#1) Replacement Tube, pkg 2, white	

**NOTE: Many other Stenner pump options available. Call for information.*
**Inject Hydrogen Perioxide in water systems*
***Inject Chlorine Dioxide in water systems*
****Inject de-scaler in hot water hi-pressure systems*

BADGER WATER METERS

Recordall™ Transmitter Register Mechanical & Digital (measures in US gallons)

MODEL NO.	DESCRIPTION	PRICE
M&T-LR25P1/2GAL	5/8"x1/2" Plastic Meter w/Local Read Register	$74.35
M&T-LR25P3/4GAL	5/8"x3/4" Plastic Meter w/Local Read Register	74.35
M&T-M25P3/4x9BARE	3/4"x9" Plastic Meter w/Local Read Register	69.90
M&T-M35B23/4SHORT BARE	3/4"x7-1/2" Bronze Meter w/Local Read Register	109.60
M&T-UG25GAL-5DADE25	Water Meter Head Pulse ADE w/25' (F/Meters Below)	95.90
M&T-M25BZ3/4BARE	3/4" Bronze Bare Water Meter	69.90
M&T-M25P3/4BARE	3/4" Plastic Bare Water Meter	69.90

HIRED HAND WATER METER

FOR USE WITH AP EXPERT CONTROLS

**Compatible with AP Controls*

MODEL NO.	DESCRIPTION	PRICE
HH-3025-0106	Pulse Water Meter 5/8"X3/4" 1-20 Gal./Min	$102.50

PLUMBING & WATER SYSTEMS

STAINLESS STEEL HOSE CLAMPS

MODEL NO.	DESCRIPTION	MINIMUM	MAXIMUM	PRICE
WW-203281	1/4" HC 62602	7/32"	5/8"	$.50
WW-203299	1/4" HC 62606	7/16"	25/32"	.50
WW-203307	1/2" HC 6706	7/16"	25/32"	.60
WW-203315	1/2" HC 6708	1/2"	25/32"	.60
WW-203323	1/2" HC 6710	9/16"	1 1/16"	.62
WW-203331	1/2" HC 6712	11/16"	1 1/4"	.65
WW-388553	1/2" HC 6716	13/16"	1 1/2"	.65
WW-203349	1/2" HC 6720	13/16"	1 3/4"	.90

SAMMY SUPER SCREW

MODEL NO.	DESCRIPTION	PRICE
TH-193245	2"TEK–Use w/ Pipe Hanger Plus Bolt	$1.25
TH-193255	3"TEK–Use w/ Pipe Hanger Plus Bolt	1.25
TH-193290	2"ZIP–Use w/ Pipe Hanger Plus Bolt	1.15

PVC PIPE HANGER

- Economical pipe suspension device
- Place pipes away from ceiling to keep them dry.

MODEL NO.	DESCRIPTION	PRICE
HSM-12530	Hang-R Pipe Hanger	$.20

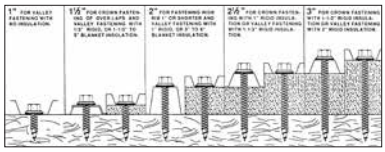
STAINLESS STEEL PIPE HANGER

MODEL NO.	DESCRIPTION	PRICE EACH
BMD-HANGER1	1" Hanger	$1.75
BMD-HANGER2	2" Hanger	2.60

GALVANIZED STEEL LOOP HANGER

MODEL NO.	DESCRIPTION	PRICE
KSC-1300081	1/2–1"	$.50
TH-660723	1 1/4"	.91
TH-660724	1 1/2"	.95
TH-660725	2"	1.05

SHARP POINT FASTENING SCREWS *(IDEAL FOR CLIC HANGERS)*



MODEL NO.	DESCRIPTION	PRICE
PLY-10x1"G	1" Galvanized	$.05
PLY-10x11/2"G	1 1/2" Galvanized	.06
PLY-10x2"G	2" Galvanized	.07
PLY-10x21/2"G	2 1/2" Galvanized	.08
PLY-10x3"G	3" Galvanized	.10
PLY-10x1"W	1" White	.07
PLY-10x11/2"W	1 1/2" White	.07
PLY-10x2"W	2" White	.08
PLY-10x21/2"W	2 1/2 " White	.09
PLY-10x3"W	3" White	.10
PLY-10x1"SS	1" Stainless Steel	.12
PLY-10x11/2"SS	1 1/2" Stainless Steel	.15
PLY-10x2"SS	2" Stainless Steel	.17
PLY-10x21/2"SS	2 1/2" Stainless Steel	.19
PLY-10x3"SS	3" Stainless Steel	.22

CLIC HANGERS

MODEL NO.	DESCRIPTION	PRICE
CE-124720	1/2" PVC	$.85
CE-124721	3/4" PVC	.92
CE-124722	1" PVC	1.15

BOILER DRAINS

MODEL NO.	DESCRIPTION	PRICE
WW-443762	1/2" Brass	$5.04
WW-443770	3/4" Brass	6.50
SPE-102-503	1/2" PVC	CALL
SPE-102-504	3/4" PVC	CALL

PLUMBING ACCESSORIES

MOST FITTINGS ARE AVAILABLE IN STAINLESS STEEL. SOME ARE SPECIAL ORDER. CALL FOR DETAILS.

BLACK WATER OR GAS

MODEL NO.	DESCRIPTION	PRICE
WW-234674	Coupler 1/2"	
WW-234682	Coupler 3/4"	
WW-233726	1/2" Tee	
WW-233734	3/4" Tee	
WW-233908	1/2" 90º Elbow	
WW-233916	3/4" 90º Elbow	
WW-234062	1/2" 45º Elbow	
WW-234070	3/4" 45º Elbow	
WW-235556	1/2" Union	
BARN-45127	3/4" Union	CALL FOR PRICING
WW-235929	1/2" Cap	
WW-235937	3/4" Cap	
WW-234872	3/4" x 1/2" Bushing	
BARN-45138	3/4" x 3/8" Bushing	
BARN-45099	1/2" x 3/8" Bushing	
BARN-45035	1/2" x 90º St Elbow	
BARN-45036	3/4" x 90º St Elbow	
BARN-45028	3/4" x 1/2" Redel	
BARN-44278	1/2" Plug	
BARN-45111	3/4" Plug	
BARN-45184	1/2" 45º St Elbow	

HIGH PRESSURE 3,000 LB BLACK

MODEL NO.	DESCRIPTION	PRICE
KSC-1064243	Coupler 1/2"	$2.10
KSC-1064244	Coupler 3/4"	2.75
KSC-1064204	1/2" Tee	7.20
KSC-1064205	3/4" Tee	9.65
KSC-1064104	1/2" 90º Elbow	5.05
KSC-1064105	3/4" 90º Elbow	6.30
KSC-1064134	1/2" 45º Elbow	8.05
KSC-1064135	3/4" 45º Elbow	9.75
KSC-1064258	1/2" Union	11.50
KSC-1064259	3/4" Union	14.10
KSC-1064404	1/2" Cap	2.40
KSC-1064405	3/4" Cap	3.35
KSC-1064525	3/4" x 1/2" Bushing	1.90
KSC-1064524	3/4" x 3/8" Bushing	1.90
KSC-1064521	1/2" x 3/8" Bushing	1.55
KSC-1064119	1/2" x 90º St Elbow	9.85
KSC-1064120	3/4" x 90º St Elbow	10.15
KSC-1064504	1/2" Plug	1.25
KSC-1064505	3/4" Plug	1.68

GALVANIZED

MODEL NO.	DESCRIPTION	PRICE
WW-234765	Coupler 1/2"	
WW-234773	Coupler 3/4"	
WW-233817	1/2" Tee	
WW-233825	3/4" Tee	
WW-233999	1/2" 90º Elbow	
WW-234005	3/4" 90º Elbow	
WW-234120	1/2" 45º Elbow	
WW-234138	3/4" 45º Elbow	
WW-235630	1/2" Union	
WW-235564	3/4" Union	CALL FOR PRICING
WW-236018	1/2" Cap	
WW-236026	3/4" Cap	
WW-235036	3/4" x 1/2" Bushing	
WW-235028	3/4" x 3/8" Bushing	
WW-235002	1/2" x 3/8" Bushing	
WW-234302	1/2" x 90º St Elbow	
WW-234310	3/4" x 90º St Elbow	
WW-234591	3/4" x 1/2" Redel	
WW-235283	1/2" Plug	
WW-235291	3/4" Plug	
WW-234419	1/2" 45º St Elbow	

PLUMBING & WATER SYSTEMS

2-HOLE PLASTIC STRAP

MODEL NO.	DESCRIPTION	PRICE EACH
STU-PC-1210	1/2" Strap	$.21
STU-PC-1220	3/4" Strap	.23
STU-PC-1230	1" Strap	.35
STU-PC-1250	1 1/2" Strap	.40
BARN-1237	2" Strap	.50

PVC plastic strap for securing plumbing or electrical accessories.

2-HOLE STEEL STRAP

MODEL NO.	DESCRIPTION	PRICE EACH
Barn-41825	1/2" Strap	
BARN-41826	3/4" Strap	
BARN-41827	1" Strap	
BARN-41829	1 1/2" Strap	
BARN-41830	2" Strap	
BARN-41832	3" Strap	

CALL FOR PRICING

PVC BUSHINGS

MODEL NO.	DESCRIPTION	PRICE
K-70-2450	3/4" x 1/2" Bushing SxS - PVC	$.31
K-70-2470	1" x 3/4" Bushing SxS - PVC	.52
K-70-2460	1" x 1/2" Bushing SxS - PVC	.68
K-70-2520	1 1/2" x 3/4" Bushing SxS - PVC	.78
K-70-2530	1 1/2" x 1" Bushing SxS - PVC	.78
K-70-2560	2" x 3/4" Bushing SxS - PVC	1.26
K-70-2570	2" x 1" Bushing SxS - PVC	1.26
K-70-2590	2" x 1 1/2" Bushing SxS - PVC	1.25
K-70-2700	1/2" x 1/4" Bushing SxT - PVC	.65
K-70-2710	3/4" x 1/2" Bushing SxT - PVC	.50
K-70-2720	1" x 1/2" Bushing SxT - PVC	.78
K-70-2730	1" x 3/4" Bushing SxT - PVC	.80

PVC TEES

MODEL NO.	DESCRIPTION	PRICE
K-70-1300	3/4" x 3/4" x 1/2" Tee SxSxS	$.50
K-70-1370	3/4" x 3/4" x 1/2" Tee SxSxT	.65
K-70-1373	1" x 1" x 1/2" Tee SxSxT	.95
K-70-1375	1" x 1" x 3/4" Tee SxSxT	1.38
K-70-1310	1" x 1" x 1/2" Tee SxSxS	.87
K-70-1320	1" x 1" x 3/4" Tee SxSxS	.85

PVC PIPE CUTTER

MODEL NO.	DESCRIPTION	PRICE
RC-151-051	Economy Cutter	$17.35

PVC BALL VALVES

MODEL NO.	DESCRIPTION	PRICE
RC-107-603	1/2" Solvent PVC	$2.75
RC-107-604	3/4" Solvent PVC	3.63
RC-107-605	1" Solvent PVC	5.60
RC-107-607	1 1/2" Solvent PVC	9.35
RC-107-608	2" Solvent PVC	13.75
RC-107-103	1/2" Threaded PVC	2.75
RC-107-104	3/4" Threaded PVC	3.65
RC-107-105	1" Threaded PVC	5.60

SCHEDULE 40 PVC PIPE

MODEL NO.	DESCRIPTION	PRICE PER FOOT
K-70-1000	1/2" PVC Pipe 20' Piece	$.45
K-70-1010	3/4" PVC Pipe 20' Piece	.53
K-70-1020	1" PVC Pipe 20' Piece	.83
K-70-1040	1 1/2" PVC Pipe 20' Piece	1.30
K-70-1050	2" PVC Pipe 20' Piece	1.70

SCHEDULE 40 PVC PIPE FITTINGS

1/2" FITTING

MODEL NO.	DESCRIPTION	PRICE
K-70-1200	Tee SlipxSlipxSlip	$.37
K-70-1350	Tee SxSxThread	.45
K-70-1400	Cross	1.10
K-70-1450	Elbow 90˚ SxS	.30
K-70-1650	Elbow 90˚ SxT	.35
K-70-1750	Elbow 45˚ SxS	.47
K-70-1850	Coupler	.30
K-70-1930	Male Adapter	.26
K-70-2050	Female Adapter	.31
K-70-2200	Cap Slip	.36
K-70-2300	Cap Thread	.50
K-70-3000	Plug Thread	.79
RC-164-603	Union	1.95
RC-164-103	Union Thread	2.10

3/4" FITTING

MODEL NO.	DESCRIPTION	PRICE
K-70-1210	Tee SxSxS	$.42
K-70-1360	Tee SxSxT	.72
K-70-1410	Cross	1.80
K-70-1460	Elbow 90˚ SxS	.35
K-70-1660	Elbow 90˚ SxT	.40
K-70-1760	Elbow 45˚ SxS	.72
K-70-1860	Coupler	.26
K-70-1950	Male Adapter	.30
K-70-2070	Female Adapter	.43
K-70-2210	Cap Slip	.30
K-70-2310	Cap Thread	.62
K-70-3010	Plug Thread	.81
RC-164-604	Union	2.35
RC-164-104	Union Thread	2.40

1" FITTING

MODEL NO.	DESCRIPTION	PRICE
K-70-1220	Tee SxSxS	$.76
K-70-1310	Tee SxSxT	CALL
K-70-1420	Cross	2.25
K-70-1470	Elbow 90˚ SxS	.58
K-70-1680	Elbow 90˚ SxT	.78
K-70-1770	Elbow 45˚ SxS	.86
K-70-1870	Coupler	.45
K-70-1960	Male Adapter	.50
K-70-2080	Female Adapter	.47
K-70-2220	Cap Slip	.50
K-70-2320	Cap Thread	.97
K-70-3020	Plug Thread	CALL
RC-164-605	Union	2.95
RC-164-105	Union Thread	3.00

1 1/2" FITTING

MODEL NO.	DESCRIPTION	PRICE
K-70-1240	Tee SxSxS	$1.43
K-70-1490	Elbow 90˚ SxS	1.10
K-70-1790	Elbow 45˚ SxS	1.50
K-70-1890	Coupler	.65
K-70-1980	Male Adapter	.83
K-70-2100	Female Adapter	.83
K-70-2240	Cap Slip	.78
K-70-2340	Cap Thread	CALL
K-70-3040	Plug Thread	1.50
RC-164-607	Union	5.85
BARN-282018	Union Thread	CALL

2" FITTING

MODEL NO.	DESCRIPTION	PRICE
K-70-1250	Tee SxSxS	$2.10
K-70-1500	Elbow 90˚ SxS	1.65
K-70-1800	Elbow 45˚ SxS	2.00
K-70-1900	Coupler	1.00
K-70-1990	Male Adapter	1.10
K-70-2110	Female Adapter	1.10
K-70-2250	Cap Slip	CALL
K-70-2350	Cap Thread	2.05
K-70-3050	Plug Thread	1.95
RC-164-608	Union	8.50
BARN-282021	Union Thread	CALL

POWER WASHERS & PARTS

Power Washers

Cold Water Pressure Washers
Gasoline Engine Models. 79
Wash-Down Booster Pump 79
Signature 2000 Booster Pump Replacement Parts 79
Blue Thunder Electric Power Washer 79

Power Washer Parts

Gas Power Washer Parts 79
Electric Power Washer Parts 79
Female Socket / Male Thread 80
Female Socket / Female Thread 80
7,250-lb Ball Valves 80
Unloader Valves 80
Glycerine-Filled Gauges 80
Spray Nozzle 80
Gun Extensions With Insulated Grip 80
Washer Guns 80
Spraymart Rotary Nozzles 80
Male Plugs / Male Thread 80
Male Plugs / Female Thread 80
Soap Injector With Quick Couplers 80
Soaping Nozzle 80
Hose Assembly 80
Dirt Killer Rotary Nozzles 80
Repair Kits 80

POWER WASHERS & PARTS

COLD WATER PRESSURE WASHERS

GASOLINE ENGINE MODELS

Blue Thunder Gas Powered Power Washer

Built to the same high quality standards as the Blue Thunder Electric Power Washer for use in areas where 220 volt power is not available. These units are hand built utilizing only the highest quality components for dependability and durability.

- Powered by Power-Pro 13 HP gasoline engine
- Honda replacement parts fit the Power-Pro engine
- Recoil start with water by-pass valve for easier pull
- Pressure range 500-3500 PSI
- 4 GPM water flow
- Includes 50' long 5000 PSI heavy duty hose
- Wand and tip set included
- Hi-pressure cleaning without electricity!

MODEL NO.	DESCRIPTION	PRICE
MW-WASHER	13hp Gas Power Washer	**$2,755.00**

WASH-DOWN BOOSTER PUMP

PUMP SPECIFICATIONS

- Capacities: to 10 GPM
- Heads: to 500 ft. (216 PSI)
- Pipe Connections: 1" NPT Suction and Discharge
- Maximum Flow: 10 GPM
- Mimum Flow: 1 GPM
- Maximum Suction (Inlet) Pressure: 75 PSI
- Maximum Liquid Temp: 160˚F (71˚C)
- Rotation: Clockwise, viewed from motor end
- Carry Handle: Supplied
- Maximum Life with Foot Valve: 10ft (check NPSH curve)

MOTOR SPECIFICATIONS

- NEMA Standard: 56J frame
- Open drip proof
- 60 HZ, 3500 RPM, single phase (115V)
- Single phase motors have built in capacitor and over-load with automatic resets
- 10ft. power cord with G.F.I. molded plug

FEATURES

Multi-stage Design: Provides steady, quiet, vibration-free operation.

O-ring Casing Seal: Reliable high pressure sealing with easy disassembly for maintenance or repair.

Impellers & Diffusers: Glass filled engineered composite material with floating impeller design. High resistance to corrosion and abrasion.

Bowls: 300 stainless steel rabbit lock for positive alignment with no gaskets required.

Motors: Close coupled NEMA 56J motors to open drip proof design. Single phase. Ball bearings carry all radial and axial thrust loads. Designed for continuous operation.

3/4" hose adapters and 4-foot suction hose supplied.

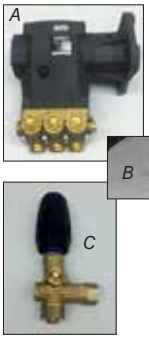
MODEL NO.	HP	# OF STAGES	RATED FLOW	DISCHARGE PRESSURE @ RATED FLOW	DISCHARGE PRESSURE @ NO FLOW	PIPE TAPPING SIZES SUCT.	PIPE TAPPING SIZES DISCH.	PRICE
TS-WF4700	1/2	9	7 gpm	90 psi	130 psi	3/4"	3/4"	**$506.05**
TS-WF4710	3/4	12	7 gpm	123 psi	173 psi	3/4"	3/4"	**561.25**
TS-WF4720	1	16	7 gpm	162 psi	229 psi	3/4"	3/4"	**631.25**
TS-WF4730	1 1/2	9	20 gpm	97 psi	143 psi	3/4"	3/4"	**661.25**

BLUE THUNDER ELECTRIC POWER WASHER

- High-pressure and thermal head protection valves
- Start and stop buttons
- Electrically held contactor with 8-minute, no-flow timer dropout
- 3,000 psi, 7.5 hp, 4 gpm water flow
- Includes 50' hose, trigger, & 4 spray nozzles
- Heavy-duty frame and components
- Sealed motor for longer life
- Built with the highest-quality components

MODEL NO.	DESCRIPTION	PRICE
P-110501	Blue Thunder	**$3,255.00**

GAS POWER WASHER PARTS

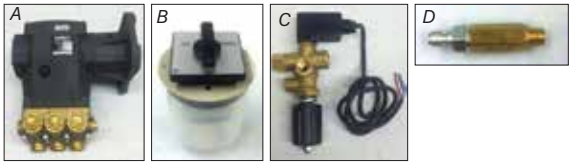


MODEL NO.	DESCRIPTION	PRICE
SP-89049720	DD Pump [A]	**$450.65**
SP-462240	MG4000 Unloader [C]	**88.15**
SP-154250	3/8" x 50' 5000 psi Hose	**70.15**
SP-352243	ST2700 Gunjet	**99.70**
SP-368736M	36" S5 Lance	**16.95**
SP-458028	Thermal Relief Valve [B]	**6.50**

Fittings are NOT included.

ELECTRIC POWER WASHER PARTS

MODEL NO.	DESCRIPTION	PRICE
ARNA-RKA4G30E-F17	DD Pump ***[A]***	**$362.40**
SP-112075	1 qt General Pump Oil	**6.40**
SP-112076	1 qt Cat Pump Oil	**11.55**
SP-410267	30 amp 3 Position Switch ***[B]***	**140.70**
SP-463115K	MG4000 Unloader with Microswitch ***[C]***	**88.15**
SP-342042	1/4" QC High Pressure Filter ***[D]***	**9.75**
SP-373027	1/4" 4.5 Sewer Nozzle	**14.80**



SIGNATURE 2000 BOOSTER PUMP REPLACEMENT PARTS

MODEL NO.	PRICE
REPLACEMENT PUMP STACKS	
TS-WF4709 for TS-WF4700	**$231.25**
TS-WF4714 for TS-WF4710	**275.65**
TS-WF4717 for TS-WF4720	**332.05**
TS-WR1300 - Water Control* Valve 1" Hudson	**$43.90**

**Hudson Valve*

MODEL NO.	PRICE
SEAL KIT FOR TS-WF4700, TS-WF4710, TS-WF4720, AND TS-WF4730	
TS-WF4735	**$70.50**

POWER WASHERS & PARTS

FEMALE SOCKET / MALE THREAD

MODEL NO.	DESCRIPTION	PRICE
SP-9300/QC 302M	1/8"	CALL
SP-9300/QC 304M	1/4"	5.30
SP-9300/QC 306M	3/8"	5.80
SP-9300/QC 308M	1/2"	CALL

Also available in stainless steel.

FEMALE SOCKET / FEMALE THREAD

MODEL NO.	DESCRIPTION	PRICE
SP-9300/QC 302	1/8"	CALL
SP-9300/QC 304	1/4"	4.50
SP-9300/QC 306	3/8"	5.80
SP-9300/QC 308	1/2"	8.40

Also available in stainless steel.

7,250-LB BALL VALVES

MODEL NO.	DESCRIPTION	PRICE
CHAP-20193	3/8" Ball Valve, Steel	$19.25
CHAP-20194	1/2" Ball Valve, Steel	23.25
CHAP-20196	3/4" Ball Valve, Steel	38.50

UNLOADER VALVES

MODEL NO.	DESCRIPTION	PRICE
SP-462240	3/8" Universal–6.7 gpm	$49.50

GLYCERINE-FILLED GAUGES

MODEL NO.	DESCRIPTION	PRICE
SP-66-3000	0–3,000 psi	$14.50
SP-66-4000	0–4,000 psi	14.50
SP-348260	0–5,000 psi	14.50

SPRAY NOZZLE

MODEL NO.	DESCRIPTION	PRICE
SP-6880/ 1/4 MEG-1504	1/4" (4 gpm) 15˚ Nozzle	$4.55
SP-6880/ 1/4 MEG-1505	1/4" (5 gpm) 15˚ Nozzle	4.55
SP-6880/ 1/4 MEG-1506	1/4" (6 gpm) 15˚ Nozzle	4.55
SP-6880/ 1/4 MEG-0004	1/4" (4 gpm) 0˚ Nozzle	4.55
SP-6880/ 1/4 MEG-0005	1/4" (5 gpm) 0˚ Nozzle	4.55
SP-6880/ 1/4 MEG-0006	1/4" (6 gpm) 0˚ Nozzle	4.55
Q-Style Nozzle	Specify Nozzle Size	5.50

Other sizes available.

GUN EXTENSIONS WITH INSULATED GRIP

MODEL NO.	DESCRIPTION	PRICE
SP-4700/MG-24	24"	$7.50
SP-4700/MG-36	36"	8.50
SP-DLFA-G	Dual Lance	53.75

WASHER GUNS

MODEL NO.	DESCRIPTION	PRICE
SP-7090-ST-1500	Starlet II	$27.45
SP-7090-ST-2000	Gunjet	30.25
SP-352219	Gunjet S12605	38.80

SPRAYMART ROTARY NOZZLES

MODEL NO.	DESCRIPTION	PRICE
SP-374235	5.5 Turbo Nozzle Black	$58.15
SP-374363	4.5 Turbo Nozzle Blue Black	$56.66

MALE PLUGS / MALE THREAD

MODEL NO.	DESCRIPTION	PRICE
SP-9300/QC 312M	1/8"	CALL
SP-9300/QC 314M	1/4"	1.55
SP-9300/QC 316M	3/8"	1.55
SP-9300/QC 318M	1/2"	3.05

Also available in stainless steel.

MALE PLUGS / FEMALE THREAD

MODEL NO.	DESCRIPTION	PRICE
SP-9300/QC 312	1/8"	CALL
SP-9300/QC 314	1/4"	1.65
SP-9300/QC 316	3/8"	1.65
SP-9300/QC 318	1/2"	3.85

Also available in stainless steel.

SOAP INJECTOR

w/o QUICK COUPLERS

MODEL NO.	DESCRIPTION	PRICE
SP-360163	Soap Injector Hi-Lo	$45.55
SP-340022X	Chemical line w/filter	6.60

SOAPING NOZZLE

MODEL NO.	DESCRIPTION	PRICE
SP-6880/1/4 V-6530	Soaping Nozzle	$2.80

HOSE ASSEMBLY

MODEL NO.	DESCRIPTION	PRICE
SP-9300/30WI-6S6S-hp	3/8" x 30', 4000/psi	$41.05
SP-9300/50WI-6R6S-hp	3/8" x 50', 4000/psi	57.05
SP-9300/75WI-6R6S-hp	3/8" x 75', 4000/psi	76.50
SP-9300-JP-5000-100	3/8" x 100', 4000/psi	101.25
SP-9300/50W2-6R6S-HT	3/8" x 50' Hot Water, 5000/psi	155.80
SP-9300/75WI-6R6S-HT	3/8" x 75' Hot Water, 5000/psi	244.90
SP-9300/100WI6R6S-HT	3/8" x 100' Hot Water, 5000/psi	308.05

DIRT KILLER ROTARY NOZZLES

MODEL NO.	DESCRIPTION	PSI	COLOR	NOZZLE SIZE	PRICE EACH
APW-07629	DK Series	3200	White	3.5	$73.45
APW-07630	DK Series	3200	Yellow	4.5	73.45
APW-410714	DK Series	3200	Black	5.5	73.45
APW-07631	DK Series	3200	Blue	7.0	73.45
APW-07632	IDK Series	4700	Yellow	4.5	128.25
APW-07635	IDK Series	4700	Black	5.5	128.25
APW-07633	IDK Series	4700	Blue	7.0	128.25

DK SERIES

- Spins faster, no lines or streaking
- Used for cleaning
- For water temperatures up to 180˚F

IDK SERIES

- Spins slower and produces greater impact
- Used for water blasting and heavy-duty cleaning
- For water temperatures up to 180˚F

REPAIR KITS

MODEL NO.	DESCRIPTION	NOZZLE SIZE	PRICE EACH
APW-07638	Repair Kit DK Series	3.5	$50.45
APW-05682	Repair Kit DK Series	4.5	50.45
APW-07650	Repair Kit DK Series	5.5	50.45
APW-07641	Repair Kit DK Series	7.0	50.45
APW-07639	Repair Kit IDK Series	4.5	69.10
APW-07640	Repair Kit IDK Series	5.5	69.10
APW-05684	Repair Kit IDK Series	7.0	69.10

SCALES

Bintrac Feed Weighing System 81
Waypig® 300 81
Waypig® Digital Scale 81
Waypig® Litter Scale 81
Waypig® 500 Animal Scale 81

BINTRAC™ FEED WEIGHING SYSTEM

An integrated system providing real bin weight and feed use data.

- Real-time bin inventory by weight
- Bin side display of current weight for individual bins
- Increased safety by eliminating bin climbing
- Simple installation on existing bins
- Optional interface to feed mill or feed management system

MODEL NO.	DESCRIPTION
MLB-200000-4	Set of 4 - Single 10K Bracket w/ Loadcell
MLB-200000-6	Set of 6 - Single 10K Bracket w/ Loadcell
MSA-04000	4 Loadcell Summing Box
MSA-06000	6 Loadcell Summing Box
ASG-00067	Power Supply 110V to 12VAC

CALL FOR PRICING

WAYPIG® LITTER SCALE

An entire litter can be placed on the portable WayPig at one time as the scale handles loads up to 200 pounds.

- Oversized scale
- Precise readout of the total litter weight in both pounds and kilograms
- Compact design lets you easily glide through narrow aisles

MODEL NO.	DESCRIPTION	QTY
RAY-AH252.6	WayPig Litter Scale	
RAY-AH252.46	Replacement Scale Head	

CALL FOR PRICING

WAYPIG® DIGITAL SCALE

Weighs constantly moving hogs with 99% accuracy. Built-in computer instantly averages and locks in on the true weight. Electronics are housed in seamless, high-impact Lexan.

CALL FOR PRICING

WAYPIG® 300

Weighs up to 300 pounds in 1-pound increments on easy-to-read dial. Entire floor serves as weighing area, while walls of scale remain stationary. Optional wheels mounted at one end allow easy scale movement.

CALL FOR PRICING

WAYPIG® 500 SERIES SCALES

Made entirely of welded steel. Finished with a unique powder-coating process. Heavy-duty scale head is large and easy to read. Can be ordered with wheels that can be raised quickly for level weighing.

Reliable

Raytec Manufacturing

MODEL NO.	DESCRIPTION	QTY
RAY-AH505	5' WayPig 500 Scale	
RAY-AH500	4' WayPig 500 Scale	
RAY-AH522	Wheel & Handle Kit	
RAY-AH500-46	Replacement Scale Head	

CALL FOR PRICING

VENTILATION & ALARMS

Alarms
- Sensaphone® 400, 800 & 1800 83
- Sensor 83
- Cellular Cell Phone Alarm Interface 83
- Agri Alert Alarm 83
- Agri Alert 128 Touch 83

Ventilation Controls
- Quantum Variable-speed Control 83
- Phason Controls
  - Supra Control 84
  - AEC-2 Control 84
  - TVS Control 84
- Phason Controls
  - Fan & Heater Control 84
  - Variable-Speed Fan Control 84
  - Manual Speed Control MSC-4 84
  - Modulating Temp Control 84
  - PEC-Plus Control 84
  - SEC-HD Control 84
- AP Expert Controls 84
- AP Edge Control 86
- AP TC Series Controls 86
- Hired-Hand® Ventilation Controllers
  - Power Curtain Controller 87
  - Evolution 1200 Controller 87
  - SC5V2 Swine Finisher Control 87
- Maximus Controls 87
- Del-Air Controls
  - Del-Air SR-240i Ventilation Control 88
  - Del-Air SR-242 Control 88
  - Del-Air Systems Control Parts 88
  - Del-Air Rapid Control System 88
- Del-Air Heat Exchanger Parts 88

Ventilation Fans & Parts
- Fan Blades 89
- Hurricane Replacement Parts
  - Complete Blades 89
  - Replacement Motors With Capacitors 89
  - H48 Parts 89
- Del-Air Air Inlet Replacement Part 89
- J-Series Butterfly Damper 89
- J-Series Replacement Parts 89
- J-Series Motor-Mount Screens 89
- Northwind Replacement Parts
  - Motor Kits 89
  - Hubs & Retainers 89
  - Butterfly Damper 89
  - Capacitors 89
- Miscellaneous 89
- Multifan Systems & Parts
  - Multifan System 4 90
  - Multifan System 4 Shutters 90
  - Multifan 36" and 50" Parts 90
  - Ground Transition Housing 90
  - Multifan System 1 Q 90
  - Multifan System 1 Q Shutters 90
  - Multifan System 1 Q Parts 90
  - Multifan Exhaust Fans Without Intake Grill 90
  - Old Style Replacement Fans 90
- Multifan Fiberglass Cone Fan Line 91
- Multifan Heat/Cool Thermostats 92
- Corrosion-Resistant Thermostat 92
- Southwestern Sales WhaleCo Air Chute 97
- Flex Motors Parts & Options 92
- Multifan Fiberglass Cone Fan Vplus 92
- Mega Torque 93
- Hired-Hand® Mega Flow (Econoflow) Fans 93
- Barnstormer Economy Circulation Fan 93

PVC Shutters – Hired Hand® 93
- Hired-Hand Rollseal Automatic Shutter Sytem 93
- The Chiller™ Circulation Fan 93
- AP Ventilation
  - AP Circulation Fan 95
  - Competitor Series 24" Fans 95
  - Competitor Series 54" Fans 95
  - Replacement Parts for Fiberglass Fans 95
  - Direct Drive Fan Parts 95
  - Fiberglass Performer Series Fans 95
- Fan Motors, Cone, Blades & Parts 96

* H Strut Conversion Bracket 96

Ventilation Inlets
- Multifan Inlet 94
- C2200 Air Inlet 94
- Double L Wall Inlet 94
- Double L W400 Air Inlet 94
- Top Jett 4200 94
- AP Air Inlets 94

* Breasy Sliding Baffle 94

Ventilation Accessories
- Intermatic Timers 24 Hour 97
- Fan Covers 97
- Digital Hi-Lo Thermometer 97
- Wall Thermometer 97
- Manual Hi-Lo Thermometer 97
- Digital Hi-Lo Hygro-Thermometer 97
- Gun-Style Infrared Thermometer 97

** Indicates New Product*

VENTILATION & ALARMS

SENSAPHONE® 400, 800 & 1800

The Sensaphone offers an easy, inexpensive way to monitor your remote facility. Installed in a clean indoor environment, it has built-in monitoring for power failures, temperature, and sound monitoring of audible alarms. External inputs on the back can be connected to various external sensors to monitor temperature, water on the floor, humidity, intrusion, and more. Make programming changes remotely from any touch-tone phone.

Sensaphone 400

Sensaphone 800

Sensaphone 1800

Sensaphone 400
- Monitors 4 conditions, plus power failure and sound level
- Notifies 4 people with custom voice phone calls
- Replaced 1104 and 1114 models

Sensaphone 800
- Monitors 8 conditions, plus power failure and sound level
- Notifies 8 people with custom voice phone calls
- Replaced 1108 and 1118 models

Sensaphone 1800
- Monitors 8 conditions, plus power failure and sound level
- Notifies 8 people with custom voice phone calls
- Review alarm history and who acknowledged the alarm event
- 2-year warranty
- Enclosed in a weathertight container
- Replaced Farmsitter model

MODEL NO.	DESCRIPTION	PRICE
WA-400	Sensaphone 400	
WA-800	Sensaphone 800	CALL FOR PRICING
WA-1800	Sensaphone 1800	

SENSOR

This product applies to all Sensaphone monitoring systems.

MODEL NO.	DESCRIPTION	PRICE
WA-FGD0101	Sensor, Remote, Waterproof, Temp	$28.85

THER-TH-III

MODEL NO.	DESCRIPTION	PRICE
THER-TH-III	THERMALARM	$57.65

QUANTUM VARIABLE-SPEED CONTROL

- Solid state, energy efficient
- Automatic modulation controller
- Temperature range of 35ºF to 95ºF

MODEL NO.	DESCRIPTION	PRICE
TS-CR-2155	220V Variable Speed	$142.50
TS-CR-2156	110V Variable Speed	142.50

CELLULAR ALARM INTERFACE

Wireless CONNECTIVITY for standard telephone, fax, and computer equipment.

CALL FOR PRICING

Note: Installation site must have consistent quality cellular service for proper function.

Note: Not compatible with all cell phone service providers.

- Save cost of land line connection to your alarm system
- Wireless phone technology to interface with Sensaphone or Agri-Alert alarm dialer
- TTY/TDD

Also Featuring
- Easy set up
- 7 LEDs for signal strength, power, message alert and call status
- Connects multiple devices

Ideal Applications
- Mobile use not adequately served by handsets
- Remote site communications
- Use with alarm dialer where no land line is available

AGRI ALERT ALARM

MODEL NO.	DESCRIPTION
AP-AA-800EZK	Agri Alert 800EZ Alarm System
AP-AA-2400	Agri Alert 2400 Alarm System
AP-AA-24POWER	Agri Alert 2400 Power Pack
AP-PROBE	30' Temperature Sensor

CALL FOR PRICING

AGRI ALERT 128 TOUCH

The AA 128T is equipped with all the same features that made previous models so reliable, but offers much more.

- 7-inch color touch screen allows all zones to be seen at once
- Internet connectivity provides remote access, eliminating your need to go to the barn every time it notifies you
- Email and SMS notifications
- Modular architecture allows you to design a system that's the right size for your operation
- 128 zones lets you monitor a large site with a single system
- Phone dialer provides guaranteed delivery of alarm notification even if your don't have internet
- Build-in security makes sure only authorized users can adjust the system

MODEL NO.	DESCRIPTION
AP-AA-128K	Agri Alert 128 Touch Alarm

CALL FOR PRICING

PHASON CONTROLS

- Multiple zones (1, 2, 3, or 4 zones available)
- 4 variable speed stages—can be configured to heat or cool
- 12 relay stages—can be configured for heat/cool, duty cycle, or timed event
- A real-time clock allows the user to program events for specific times and duration

PHASON SUPRA CONTROL

MODEL NO.	DESCRIPTION	PRICE
PP-SUPRA-RS	Supra Control-4 var. stages, 12 on/off stages	CALL FOR PRICING

AEC-2 CONTROL

- Digital display of temperature alerts and settings
- 1 variable speed output 12.5 FLA
- Cut-back speed for Stage 1 reduces speed of Stage 1 when Stage 2 or Stage 3 fans turn on
- 2–6 FLA relay stages to control secondary fans or heaters
- 8 factory programs can be easily changed by user
- Internal memory is retained during power failure
- Alarm relay to signal high or low temperature, power interruptions, or low line voltage
- Extendable temperature sensor
- Electrical Rating: 115/230 VAC

MODEL NO.	DESCRIPTION	PRICE
PP-AEC-2	Automatic Control	$405.15

TVS CONTROL

- Designed to efficiently control the environment in livestock buildings. Connects to 2 variable-speed fans, a secondary fan or heater, and an alarm system
- Digital display of temperature, alarm, and settings
- 2 independent variable-speed stages (7.5 FLA each)
- 1 relay stage (6 FLA) Heat/Cool
- 7 factory program settings can be easily changed by user
- Internal memory is retained during power failure
- Alarm relay to signal high or low temperature, power interruptions, or low line voltage
- Extendable temperature sensor
- Electrical Rating: 115/230 VAC

MODEL NO.	DESCRIPTION	PRICE
PP-TVS	Automatic Control	$419.15

PHASON CONTROLS

▪ 2-year limited warranty ▪ Noncorrosive ▪ Moisture-resistant enclosures

FAN & HEATER CONTROL

- Variable-speed temperature control (10 amp)
- Heater interlock
- Adjustable minimum ventilation
- Manual override open/close

Control Temp Automatically

MODEL NO.	DESCRIPTION	PRICE
PP-FHC-1D	Fan & Heater Control	$286.05

MANUAL SPEED CONTROL MSC-4

- Dual voltage 115/230 VAC - 12.5 amp
- Motor speed control or light dimmer

MODEL NO.	DESCRIPTION	PRICE
PP-MSC-4	Phason MSC-4	$116.50

PEC-PLUS CONTROL

- PC-compatible network option, up to 32 units may be connected to one PC
- Allows remote setting and observation of set point and ambient conditions, or the unit can be run as a stand-alone control
- User-configurable Growth Curve can be set up to 315 days
- 2 variable stages rated at 10 FLA each
- 6 fixed heat/cool stages rated at 10 FLA each
- High or low alarm contact for external alarm
- Fixed stages can be used as duty-cycle timers
- Able to control 2 inlet actuators
- PIN security system prevents unauthorized changes
- Electrical Rating: 115/230 VAC

MODEL NO.	DESCRIPTION	PRICE
PP-PEC-PLUS	Automatic Control	$721.80

VARIABLE-SPEED FAN CONTROL

- Variable speed, 10 amp
- Adjustable minimum ventilation
- Adjustable differential

With Low Temperature Shutoff VTC-ID

MODEL NO.	DESCRIPTION	PRICE
PP-VTC-1D	Variable Temp Fan control	$263.85

MODULATING TEMP CONTROL

- Variable-speed temperature control (10 amp)
- 2 control knobs–one to adjust the temperature set, the other to adjust the idle set
- Fixed, 2º, offset back for auto shutoff

With Low Temperature Shutoff MTC-4C

MODEL NO.	DESCRIPTION	PRICE
PP-MTC-4C	Variable Temp Control	$177.50

SEC-HD CONTROL

- 2 variable stages rated at 10 FLA each
- 3 fixed heat/cool stages rated at 10 FLA each
- High or low alarm contact for external alarm
- Electrical Rating: 115/230 VAC
- Replaced the Del-Air 6000 control

MODEL NO.	DESCRIPTION	PRICE
PP-SEC-HD	Automatic Control	$595.85

VENTILATION & ALARMS

AP EXPERT CONTROLS

STANDARD FEATURES:

- Zoning of heaters, inlets and circulation fans with up to eight inside temperature sensors.
- Power save feature allow smaller, less efficient fans to be switched off as the temperature rises.
- Air inlet, chimney and curtain outputs use timer logic based staging.
- Set point and minimum ventilation curves
- USB flash drive is used to duplicate programming of multiple controls (Series II is not USB, it uses Config 300).
- Seamless ventilation steps between stages when using variable speed fans.
- Separate day/night set points and minimum ventilation settings.
- Up to two timed outputs for feed systems, water or lights.
- Cooling stage with cycle timer.
- Alarm that monitors up to ten functions; 16 are monitored in the Series II and 11 in VT 110.
- Clean mode with soaking stage.
- Removable relays with individual indicator lights and on/off/auto switches.
- Overload and over voltage protection.
- Full speed start up on variable fan stages
- Records heater run time up to 75 days.
- Records run time of up to four feed systems for up to 75 days.
- Records high and low temperature history for up to seven days.
- Records animal count, age and mortality.

OPTIONAL FEATURES:

- Humidity sensor input; compensates minimum ventilation rate based on humidity. Records humidity history for up to seven days.
- Static pressure input; compensates inlets according to static pressure. Records static pressure for up to seven days.
- Outside temperature sensor with compensation.
- Water meter inputs; gives alarm in event of water spill. Records water consumption history for up to 75 days.
- Up to two additional variable speed fan or electric heat stages using 0–10 volt outputs.
- Backup safety relay system available for added protection.

EXPERT VT110

EXPERT SERIES II

AIR-MPV

AIR-PROBE-30

MODEL NO.	DESCRIPTION	PRICE
EXPERT SERIES II CONTROL		
AIR-EXP-SERIESII	Natural Control, Tunnel w/20 Relays	$3,893.40
EXPERT SERIES CONTROLS		
AIR-EXPERT-VT110	Expert Control-2 Variable, 1 Inlet Pot., 10 Relays, no probes included	3,072.85
AIR-EXPERT-PN110	Expert Power-Natural Control, no probes included	3,072.85
AIR-EXP-CONFIG	Expert PC Configurator	CALL
AIR-MPV	Control Module-1 Variable	CALL
PROBES		
AIR-PROBE-30	Temp Sensor - 30' f/Expert & TC Controls	34.80
AIR-PROBE-S	Temp Sensor - 18" F/Expert & TC Controls	21.50

AP EDGE CONTROL

THE LAST CONTROLLER YOU'LL EVER NEED

EDGE® is a single platform that is versatile and intuitive allowing it to handle all control applications. The unique design makes EDGE the only controller on the market that can be configured to match your operation's specific requirements. It is also flexible enough to be adapted to new construction or existing system upgrades.

- **INFORMATION AT A GLANCE**

  Navigation is easy with the large, 15" color touchscreen
- **MULTI-LOCATION CONTROL**

  With EDGE, you have the power to control multiple buildings or rooms from a single controller using one interface.
- **REMOTE CONNECTIVITY**

  Plug in an Ethernet cable and you are ready to take control of the system from the comfort of your truck, office, couch, and anywhere in between.
- **SIMPLE CONFIGURATION**

  Simply input the fans, inlets, temperature probes, and other equipment you have, where they are located, and the production type. Based on this information, EDGE will automatically configure run settings to operate at optimal conditions.
- **VENTILATION BASED ON CFM PER HEAD**

  Ensure you are accurately controlling the environment by inputting CFM per head values and the number of animals in a particular building. The revolutionary EDGE controller takes it from there, automatically determining the proper inlet settings and fan stages.

CALL FOR PRICING

- **SELF-DIAGNOSTICS**

  The system can tell you when a sensor is disconnected or incorrectly wired, if a piece of equipment is drawing too much or too little current, or if internet connectivity is down.
- **FULL REDUNDANCY**

  Redundant power supplies and communication paths provide uninterrupted operation in the event of a power supply failure.
- **BACKUP MODE**

  Should the main controller fail due to lightning, faulty wiring, etc., or if both controllers in a redundant system fail, EDGE has a second level of safety built in to the system.
- **FAIL SAFE MODE**

  EDGE has built in a third level of safety and security: fail safe relays.

AP TC SERIES CONTROLS

Sophisticated, yet simple to program and operate, these controls are designed and manufactured for specific applications such as natural, tunnel or power/natural ventilation.

Standard features:

- Up to four temperature sensors averaging temperature.
- High/low temperature retention.
- Set point and minimum ventilation curves.
- Overload and over voltage protection.
- Zoned or cascading heat stages.
- Alarm output.
- De-icing cycle on second stage variable fans.

Optional features:

- Humidity sensor input.
- Air inlet control using TC5-ITA timed logic or PF-6 inlet position module and potentiometer.

TC5-2V8SA

TC5-IN4F1A

TC5-IN8FA

AIR-TC5-2V4SA

AIR-E330-0256

AIR-E330-0257

PROBE

MODEL NO.	DESCRIPTION	PRICE
TC-5 SERIES POWER VENTILATED CONTROLS		
AIR-TC5-1V10SA	Control 11 Stage-1 Var., 10 on/off & 30' probe	**$1,710.65**
AIR-TC5-2V2SA	4 Stage-2 Var., 2 on/off w/ Alarm & 30' Probe	**788.05**
AIR-TC5-2V4SA	6 Stage-2 Var., 4 on/off w/ Alarm & 30' Probe	**948.85**
AIR-TC5-2V8SA	10 Stage-2 Var., 8 on/off w/ Alarm & 30' Probe	**1,620.00**
TC-5 SERIES POWER/NATURAL VENTILATION CONTROLS		
AIR-TC5-1N4F1A	1 Heat, 1 Var., 1 on/off, 1 Curtain, 1 Mist (timed), w/ Alarm and 2 Probes	**1,013.75**
AIR-TC5-1N8FA	3 Heat, 2 Var., 1 on/off, 1 Curtain, 2 on/off Mist (timed), w/ Alarm and 2 Probes	**1,444.25**
PROBES		
AIR-PROBE	Temp Sensor - 30' f/Expert & TC Controls	**34.80**

MODEL NO.	DESCRIPTION	PRICE
TC-5 SERIES CONTROLS REPLACEMENT BOARDS		
AIR-E330-0243	Top Unit F/TC5-2V2SA	**$398.80**
AIR-E330-0244	Bottom Unit F/TC5-2V2SA	**438.55**
AIR-E330-0241	Top Unit F/TC5-2V4SA	**447.85**
AIR-E330-0242	Bottom Unit F/TC5-2V4SA / 2V4SAW	**552.20**
AIR-E330-0349	Top Unit F/TC5-2V8SA	**442.30**
AIR-E330-0354	Master Bottom Unit F/TC5-2V8SA	**541.65**
AIR-E330-0259	Top Unit F/TC5-IN4F1A	**475.80**
AIR-E330-0250	Bottom Unit F/TC5-IN4F1A	**558.45**
AIR-E330-0253	Top Unit F/TC5-IN5FA	**416.80**
AIR-E330-0254	Master Bottom Unit F/TC5-IN8FA	**478.30**
AIR-E330-0256	Bottom Board, TC5-1V10SA, 11 Stage	**588.25**
AIR-E330-0257	Slave Unit, TC5-1V10SA	**613.10**

VENTILATION & ALARMS

HIRED-HAND® VENTILATION CONTROLLERS

POWER CURTAIN CONTROLLER

- Adjustable runtime
- Automatic or manual operation
- Watertight ABS enclosure
- 5-minute time cycle
- Electro-mechanical
- 120 volt

MODEL NO.	DESCRIPTION	PRICE
HH-6607-1600	Control w/o Thermostat	$468.30
HH-6614-0107	Thermostat w/ 100' Cord	CALL
HH-3005-2130	Thermostat	61.50

Call for special pricing

SC5V2 SWINE FINISHER CONTROL

Same capability as the popular Swine Finisher Control with:

- Manual Up-Down-Auto switches for 2 curtain stages
- Larger enclosure for easier board access

MODEL NO.	DESCRIPTION	PRICE
HH-6607-1606	SC5V2 Controller w/ 2 Sensors	$836.10

EVOLUTION 1200 CONTROLLER

- 8 on/off output stages with manual override switches
- Can operate tunnel curtain and power inlets or natural ventilation barns
- 2 sets of open/close/off inlet/curtain switches
- Variable speed requires additional module

MODEL NO.	DESCRIPTION	PRICE
HH-6607-8041	Control w/ 4 Sensors	$1,271.50
HH-6607-8042	Control w/ Static Pressure Module	1,567.20

MAXIMUS CONTROLS

MAXIMUMAG TECHNOLOGIES

- Highly intuitive icons make Maximus the easiest to use control system on the market.
- Don't just buy a control system, invest in a control system; Maximus will give you the best return on investment.
- Maximus–the only complete management solution that offers a five-year warranty when connected to the internet.
- Maximus–the only true management control that is fully customizable, regardless of the building size or application.
- Have Maximus send you a customized report every morning to help you make the best decisions to maximize your results.

Benefits:

- Well-being of your animals and reduced operational costs means improved profitability for your company.
- Optimal conditions in your facilities at all times.
- Automated management of a wide range of parameters: feeding, temperature, lighting, air quality, etc.
- Perfectly safe multi-platform remote control (personal computer, smart phone, electronic tablet).
- Unmatched real-time service.
- Upgradable solution that adapts to your needs.
- Add features to your controller according to your company's evolution.
- Quick and simple Web updates ensure optimal technological solutions.
- The information you want the minute you want it.
- Improved energy efficiency.
- Guaranteed peace of mind thank to the most reliable and safe system.
- Automation of your I-Novarum production management system data collection.

Features:

- Graph reference for settings
- Compatible with most popular hand held devices
- Very dependable hardware with 5 year warranty
- Mulit-room operation
- I-Novarum compatible (production management solutions)
- Generates all alarms (Text or Email)
- Current draw & temperature readings of all variable and relay outputs
- Fuse protection on all relays & variables
- Auto winching for feed and water lines
- Static pressure compensation
- Zone temperature compensation for inlets
- Outside temperature compensation for ventilation
- Birds scales
- Bin scales
- WiFi communication
- Diagnostic menu

Call for a quote

DEL-AIR VENTILATION

- *STATUS?*
- *PRODUCT AVAILABILITY?*
- *PARTS AVAILABILITY?*

Del-Air Systems provided a high quality line of ventilation systems and products to the livestock industries in North America for over 25 years. Thousands of fans, inlets and controls have been utilized on numerous farms to provide quality ventilation and optimal performance.

Although Del-Air (the company) went out of business Midwest Livestock Systems, LLC has developed sourcing arrangements with the vendors that supplied components to Del-Air so the same quality parts are available today!

MOTORS: *Available!*
After the FASCO line of motors was discontinued by the manufacturer Midwest Livestock Systems worked closely with the Leeson motor company to develop replacement motors for Del-Air fans that offered the same operating efficiency and reliability as Del-Air customers had come to expect. *Mission Accomplished!* The Leeson brand of motors for Del-Air fans were re-launched in 2016 and have been a tremendous success in the field with thousands of units put into service and less than .5% warranty claims to date.

CONTROLS AND REPLACEMENT BOARDS: *Available!*
Midwest Livestock Systems, LLC has established sourcing arrangements with the companies that were supplying Del-Air with Rapid, SR-242 and SR-240i controls

OTHER PARTS: Nearly all parts for Del-Air fans and Inlets are available thru Midwest Livestock Systems, LLC! *Exceptions: Motors for RA800 & RA1000 Heat Exchangers are obsolete and unavailable.*

DEL-AIR CONTROLS

DEL-AIR SR-240i VENTILATION CONTROL

- 6-stage control with power-actuated inlet capability built in; expandable for 4 additional stages
- 2 stages variable speed (10 amp each)
- 4 on/off stages
- Optional humidity sensor for variable speed override

MODEL NO.	DESCRIPTION	PRICE
S-710078	Del-Air SR-240i Control	$1,163.70
S-002550	SR240i Display Board	405.65
S-002551	SR240i Back Board	911.20

DEL-AIR SYSTEMS CONTROL PARTS

Model 6000

MODEL NO.	DESCRIPTION	PRICE
S-700450	5500 Control - use PP-AEC-2	$405.15
S-002538	5500 Circuit Board* - use PP-KAEC-2	303.85
S-002571	5500 6' Sensor - use PP-MT-P3A	24.05
S-001375	5500 Decal	14.95
S-700500	6000 5-Stage Room Control (2 V.S., 2 S.S., 1 Heat) - use PP-SEC-HD	595.85
S-002539	6000 Top Circuit Board* - use PP-KSEC-HD-A	240.85
S-002540	6000 Bottom Circuit Board - use PP-KSEC-HD-B	225.80
S-002571	6000 6' Sensor - use PP-MT-P3A	24.05
S-001376	6000 Decal	46.05
S-002560	15A Ceramic Fuse	2.70
S-002561	12A Ceramic Fuse	2.40

**Circuit board does not include decal. Must order separately.*

DEL-AIR HEAT EXCHANGER PARTS

MODEL NO.	DESCRIPTION	PRICE
S-415701	RA400/350/150 Replacement Motor	$204.15
S-003650	RA400/350 12.5 mfd Capacitor	12.15
S-003660	RA1000/800 20 mfd Capacitor	20.75
S-003550	RA400/350 Blade	12.45

DEL-AIR SR-242 CONTROL

- Easy to operate single room control
- Advanced microprocessor–but simple thermostat
- Alarm contacts
- 2-year warranty
- Comes with 4 sensors–3 inside, 1 ambient
- Will operate 2 curtain machines, 2 each, 8-amp variable-speed stages; 4 each, 10-amp on/off stages

MODEL NO.	DESCRIPTION	PRICE
S-710075	Del-Air SR-242 Control w/ 4 Sensors	$1,270.00
S-002525	Display Board	383.35
S-002525A	Back Board	931.85
S-002519	Program Chip	66.65
S-002520	Configuration Chip	41.15
S-002584	Sensor	25.60
S-001398	Decal	11.35

DEL-AIR RAPID CONTROL SYSTEM

Number of modules needed is determined by number of outputs controlled.

- **HEAT EXCHANGERS**
- **INLETS**
- **FEED SYSTEMS**
- **FANS**
- **CURTAINS**
- **LIGHTS**

- Easily expandable
- Simple to install
- Alarm contacts
- Night setback
- Networkable (PC-compatible)
- Easy to configure
- Innovative control
- Unlimited stages
- Timed events

MODEL NO.	DESCRIPTION	PRICE
S-710000	Rapid 2-Room control	$1,112.00
S-710030	Module – 15 amp	258.30
S-710010	Module – 4 amp	144.50
S-710040	Module – Natural Vent	447.55
S-002529	Natural Vent Core Only	211.45
S-710003	Rapid Display (Lid & Board)	248.15
S-002534	Backboard Only	699.65
S-002535	Frontboard Only	376.95
S-002583	6' Sensor	45.15
S-002562	1/4 amp Fuse	1.30
S-002563	1/8 amp Fuse	1.75
S-002564	1 amp Fuse	.25
S-002566	1.5 amp Fuse	1.40
S-002567	4 amp Fuse	1.55
S-002565	Battery	CALL
S-001380	Rapid Decal	40.00

VENTILATION & ALARMS

FAN BLADES

FOR DEL-AIR NORTHWIND & J-SERIES FANS

COMPLETE			WING ONLY	
MODEL NO.	DESCRIPTION	PRICE	MODEL NO.	PRICE
S-003560	NW 750 Blade, 5 Paddle	$7.95	N/A	—
S-000840	NW 1200 Blade, 6 Paddle	54.90	S-000831	$12.30
S-000852	NW 2K Blade, 3 Paddle	44.50	S-000835	12.30
S-000861	NW 4K Blade, 8 Paddle	65.55	S-000836	12.30
S-000882	NW 6K Blade, 6 Paddle	125.75	S-000837	18.90
S-000881	NW 10K Blade, 3 Paddle	151.00	S-000838	30.00
S-000883	NW 20K Blade, 4 Paddle	207.50	S-000839	62.90

COMPLETE			WING ONLY	
MODEL NO.	DESCRIPTION	PRICE	MODEL NO.	PRICE
S-003560	J8 Fan Blade, 3 Paddle Plastic	$7.95	N/A	—
S-000840	J12 Fan Blade, 6 Paddle Plastic	54.90	S-000831	$12.30
S-000850	J16 Fan Blade, 6 Paddle Plastic	57.60	S-000832	12.30
S-000860	J20 Fan Blade, 3 Paddle Plastic	57.95	S-000833	12.30
S-000880	J24 Fan Blade, 4 Paddle Plastic	66.50	S-000834	12.30

HURRICANE REPLACEMENT PARTS

COMPLETE BLADES

MODEL NO.	DESCRIPTION	PADDLES	SIZE	PRICE
S-000782	H18 Galvanized Blade	3	18" dia.	$25.00
S-000783	H20 Galvanized Blade	3	20" dia.	25.60
S-000784	H24 Galvanized Blade	3	24" dia.	31.85
S-000786	H36 Galvanized Blade	3	36" dia.	84.07
S-000798	H48 Galvanized Blade	3	48" dia.	217.15

REPLACEMENT MOTORS WITH CAPACITORS

MODEL NO.	DESCRIPTION	HP	PRICE
S-001132	H18/20 Motor	1/3 hp	$221.65
S-001133	H24 Motor	1/2 hp	285.35
S-001131	H36 Motor	1/2 hp	317.50
S-003361	H48 Motor	1.5 hp	430.70
GEN-MO09872	H48 Motor	1 hp	366.85

H48 PARTS

MODEL NO.	DESCRIPTION	PRICE
S-000311	Pillow Block Bearing	$10.25
S-000546	V-Belt	17.50
S-001416	Belt Tension Assembly	54.90
S-001428	Pulley 10", 1" Bore	45.05
S-001429	Pulley 3.25", 5/8" Bore	16.10

DEL-AIR AIR INLET REPLACEMENT PARTS

MODEL NO.	DESCRIPTION	PRICE
W1		
S-500404	W1 Inlet Baffle w/ Hinge	$13.50
S-001310	Slide Adjuster	1.65
S-500700	Spring	1.35
HIFLO		
S-500401	Inlet Baffle	9.05
S-001310	Slide Adjuster	1.65
S-500700	Spring	1.35
C-SERIES BAFFLES		
S-500401	Inlet Baffle, C1, CV1, C2, CV2, HF	9.05
INLET ACCESSORIES		
S-001310	Slide Adjuster	1.65
S-500700	Spring C1, CV1, CV2, HF	1.35
S-500705	Spring C2	1.90
S-500701	Spring C24	7.45
S-001351	Inlet Lock	1.40

J-SERIES BUTTERFLY DAMPER

MODEL NO.	DESCRIPTION	PRICE
S-417540	J8 Butterfly Damper, 8" Diameter	$29.95
S-417541	J12 Butterfly Damper, 11 3/4" Diameter	29.95
S-417542	J16 Butterfly Damper, 15 7/8" Diameter	30.65
S-417543	J20 Butterfly Damper, 20" Diameter	31.50
S-417544	J24 Butterfly Damper, 24 3/4" Diameter	35.30

NORTHWIND SERIES BUTTERFLY DAMPER

MODEL NO.	DESCRIPTION	PRICE
S-417548	NW 2K Damper, 16 3/4" Diameter	$24.25
S-417546	NW 4K Damper, 21 5/8" Diameter	25.75
S-417547	NW 6K Damper, 28 1/4" Diameter	33.60
S-417545	NW 10K Damper, 38 1/2" Diameter	40.60

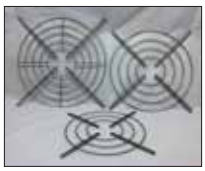
**All dampers with Spring and Rod*

J-SERIES REPLACEMENT PARTS

MODEL NO.	DESCRIPTION	PRICE
S-415701	7162-2516 Motor Kit J8	$226.60
S-417080	7124-1596 Motor Kit J12/18/20, 208/230V	316.35
S-417081	7126-3292 Motor Kit J24	369.00
S-001070	7124-0776 Motor Kit J12/16/20, 110/230V	265.30

J-SERIES MOTOR-MOUNT SCREENS

MODEL NO.	DESCRIPTION	PRICE
S-001580	8" MM Screen	$25.85
S-001450	12" MM Screen	33.65
S-001460	16" MM Screen	39.95
S-001470	20" MM Screen	42.80
S-001480	24" MM Screen	52.50



NORTHWIND REPLACEMENT PARTS

MOTOR KITS

MODEL NO.	DESCRIPTION	PRICE
S-415701	7162-2516 Motor Kit NW750	$226.60
S-417080	7124-1596 Motor Kit NW1200/2K	316.35
S-417081	7126-3292 Motor Kit NW4K	369.00
S-417082	7128-0348 Motor Kit NW6k/NW10K	369.00

HUBS & RETAINERS

MODEL NO.	DESCRIPTION	PRICE
S-000812	NW 1200/2K Hub #6 w/ Set Screw	$26.25
S-000818	NW 1200/2K Hub Retainer	13.40
S-000813	NW 4K Hub #8 w/ Set Screw	47.20
S-000819	NW 4K Hub Retainer	19.05
S-000814	NW 6K/10K Hub #9 w/ Set Screw	47.20
S-000822	NW 6K/6K Hub Retainer NS 5-Hole	56.60
S-000820	NW 6K/10K Hub Retainer OS 9-Hole	56.60

CAPACITORS FOR ORIGINAL FASCO MOTORS

MODEL NO.	DESCRIPTION	PRICE
S-003650	12.5 Mfd Capacitor NW750	$12.15
S-003615	5.0 Mfd Capacitor NW1200/2000	12.95
S-003616	7.5 Mfd Capacitor NW4000	13.25
S-003617	20.0 Mfd Capacitor NW6000/10,000	13.50

MISCELLANEOUS

MODEL NO.	DESCRIPTION	PRICE
S-000310	608 Bearing NW750	$4.40
S-000312	6203 Bearing NW1200/2K/4K/6K/10K	12.10
S-000340	Damper Spring	1.60
S-003240	Motor Mount Bracket Housing Nut	1.19

MULTIFAN SYSTEMS AND PARTS

MULTIFAN SYSTEM 4

Includes fan, housing, wire guard, and shutter.

Economy design without hood or cone.

MODEL NO.	SIZE	CFM@0.0" SP	PRICE
MUL-S4124E2A	12"	1,297	$416.85
MUL-S4164E2A	16"	2,640	488.15
MUL-S4184E2A	18"	3,578	546.40
MUL-S4204E2A	20"	3,830	554.85
MUL-S4246E2A	24"	6,720	693.40
MUL-S4286E2A	28"	7,340	733.50
MUL-S4368E2A	36"	9,790	827.40

MULTIFAN SYSTEM 4 SHUTTERS

MODEL NO.	DESCRIPTION	PRICE
MUL-BAFS12	12" Size	$36.85
MUL-BAFS16	16" Size	49.15
MUL-BAFS18	18" Size	56.25
MUL-BAFS20	20" Size	57.55
MUL-BAFS24	24" Size	80.80
MUL-BAFS28	28" Size	86.65
MUL-BAFS36	36" Size	109.20
SHUTTER PARTS		
MUL-LOUVRE	Shutter Blades	5.80/ft
MUL-LLROD	Shutter Rods	.55/ft
MUL-LLPINS	Shutter Pins	.72 ea
MUL-BA-CLIP	Shutter Clip	.60 ea

MULTIFAN 36" AND 50" PARTS

MODEL NO.	DESCRIPTION	PRICE
36" FAN PARTS		
MUL-DD36SHT	Shutter	$69.85
MUL-W915G3G8L17A04	Motor	325.65
MUL-M8E9200M60100	Impeller/Blade	71.15
50" FAN PARTS		
MUL-DD50SHT	Shutter	226.20
MUL-MF50 Replace	MF50 Hub/Impeller Kit	153.85
MUL-MAGMTR C782	Motor-Century	324.40
MUL-FMO380M6G0135	1 HP Multifan Brand Motor	324.40

MULTIFAN EXHAUST FANS WITHOUT INTAKE GRILL (FOR PIT FAN)

MODEL NO.	SIZE	CFM@0.0" SP	PRICE
MUL-V6E6308M60100	24"	7,110	CALL

GROUND TRANSITION HOUSING

Compatible with Multifan 6E63 24" fan to make up a complete 24" pit fan.

MODEL NO.	DESCRIPTION	PRICE
MUL-LLGPT24Q	24" Q Ground Transition Housing	$273.85

Shown with 24" shutter not included.

MULTIFAN SYSTEM 1 Q

Includes fan, hood, shutter, and wire guard.

MODEL NO.	SIZE	CFM@0.0" SP	PRICE
MUL-S1122E2A/Q	12"	1,880	$530.20
MUL-S1124E2A/Q	12"	1,301	448.70
MUL-S1144E2A/Q	14"	1,910	505.65
MUL-S1164E2A/Q	16"	2,640	514.25
MUL-S1184E2A/Q	18"	3,400	580.90
MUL-S1204E2A/Q	20"	4,310	633.85
MUL-S1246E2A/Q	24"	6,330	827.40

MULTIFAN SYSTEM 1 Q SHUTTERS

MODEL NO.	DESCRIPTION	PRICE
MUL-DDS1S12	12" Size - Fits Q or O/S	$13.60
MUL-DDS1S16	16" Size - Fits Q or O/S	16.20
MUL-DDS1S18	18" Size - Fits Q or O/S	16.80
MUL-DDS1S20	20" Size - Fits Q or O/S	18.15
MUL-DDS1S24	24" Size - Fits Q or O/S	27.15
SHUTTER PARTS		
MUL-LOUVre	Shutter Blades	5.80/ft
MUL-LLROD	Shutter Rods	.55/ft
MUL-LLPINS	Shutter Pins	.72 ea

MULTIFAN SYSTEM 1 Q PARTS

MODEL NO.	DESCRIPTION	PRICE
MUL-M4E45K0M60100	4E45Q Motor	$292.05
MUL-M4E50k0M60100	4E50Q Motor	300.45
MUL-M6E56K0M60100	6E56Q Motor	373.50
MUL-M6E63K0M60100	6E63Q Motor	341.20
MUL-M6E71K0M60100	6E71Q Motor	358.00
MUL-M8E92K1M60100	8E92Q Motor	339.90
MUL-M8E92K1M60100	8E92Q LO Motor	339.90
MUL-W460C6P3B10NB	4E45Q Impellers, 6 Blade	33.00
MUL-W512C6P3B10N84	4E50Q Impellers, 6 Blade	30.40
MUL-W576G5G5B17N02	6E56Q Impellers, 5 Blade	49.80
MUL-W646G5G5B17N03	6E63Q Impellers, 5 Blade	68.50
MUL-W712G5G5B17N05	6E71Q Impellers, 5 Blade	69.85
MUL-W915G3G8L17A04	8E92Q Impellers, 3 Blade	71.10

OLD STYLE REPLACEMENT FANS

INCLUDES FRAME, MOTOR, MOTOR MOUNT & BLADE. FITS INTO OLD STYLE HOUSING

MODEL NO.	SIZE	VOLT-AGE	PRICE
MUL-V4E3004P70	12"	120	$461.65
MUL-V4E4006P70	16"	120	522.00
MUL-V4E4507P70	18"	120	552.40
MUL-V4E5008P70	20"	120	569.10
MUL-V6E6302P70	24"	120	732.90
MUL-V4E3002P60	12"	240	436.40
MUL-V4E4003P60	16"	240	497.85
MUL-V4E4505P60	18"	240	536.05
MUL-V4E5006P60	20"	240	533.50
MUL-V6E6301P60	24"	240	674.10

VENTILATION & ALARMS

MULTIFAN FIBERGLASS CONE FAN LINE

Through the aerodynamic design of the new Multifan Fiberglass Cone Fan line, Vostermans Ventilation offers the market a fiberglass cone fan line, which sets a new ventilation standard focusing on the three most important fan parameters: air performance, fan efficiency, and the air flow ratio.

Tunnel or cross ventilated livestock buildings demand higher product performance also higher quantities of air. With durability and reliability as an asset, the Multifan Fiberglass Cone Fan line guarantees fresh air at a low cost.

Belt-driven fan

Direct drive fan

FACTS

- 3-blade airfoil glassfiber-reinforced impellers
- All internal hardware is made of stainless steel and aluminum to ensure maximum corrosion protection
- Maximum ambient temperature of 104˚F
- Belt tensioner mounted on the frame
- Long lifetime bearings
- Fan is belt-driven (50" and 54"), which is adjustable and removeable by one person
- Direct drive versions available for 18", 24", and 36"
- Materials resistant against aggressive climates
- Heavy-guaged rotomolded discharge cone, stackable for logistic advantages
- Extremely rugged and corrosion-resistant RTM fiberglass casing
- All materials are smoothly finished on both sides and protected by UV coating
- Corrosion-proof aluminum or PVC shutter

ADVANTAGES

- Maximal air performance
- High efficiency
- High durability
- Easy to maintain and install
- Optimal aerodynamic air intake
- 3-year warranty on the Multifan motor
- Low noise level
- Easy to clean for optimal hygiene

MODEL NO.	SIZE	DESCRIPTION	CFM@0.0" SP	PRICE
MUL-C8E92KOM10238	36"	Fiberglass Cone Fan, 3 blades	12,500	**$1,206.10**
MUL-C4E1300M10238	50"	Fiberglass Cone Fan, 3 blades	28,200	**1,749.30**
MUL-C4E1400M10238	54"	Fiberglass Cone Fan, 3 blades	31,100	**1,754.45**
MUL-C4E45KOM10038	18"	Fiberglass Cone Fan, 6 blades	3,850	**625.45**
MUL-C6E63KOM10038	24"	Fiberglass Cone Fan, 6 blades	6,800	**924.45**

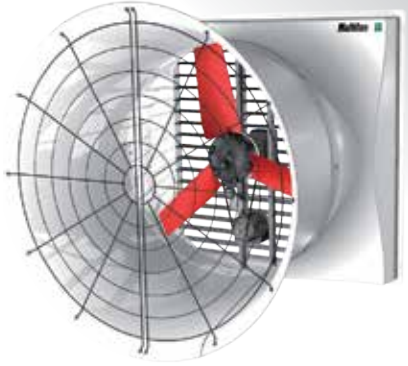
Vplus Fan

Multifan

Introducing Vplus: the answer to the energy challenge

- Ranks amongst the highest in airflow performance/ efficiency*
- In house produced motors since 1952
- The right balance between healthy animal environment and electrical energy use

*As measured by BESS lab, Illinois



"Effect on the animals of this fan is significant"

VOSTERMANS VENTILATION

YOUR SPECIALIST IN AIR

Vostermans Ventilation Inc
Bloomington, IL - USA
Tel. +1 309 827-9798
ventilation-sales@vostemansusa.com
www.vostermansusa.com

VENTILATION & ALARMS

MULTIFAN HEAT/ COOL THERMOSTATS

Multi-T15-WD

- One-step mechanical thermostat with single-pole, 2-way switch
- Simple on/off control for a single electrical device
- Automatically turn a fan, heater, or other electrical device on/off

Multi-T15-2

- Two separate mechanical thermostats in one housing
- Use this unit in a fan/heater combination–a fan can be turned on when the inside temperature rises to the set point on the maximum thermostat

VOSTERMANS VENTILATION

YOUR SPECIALIST IN AIR

MODEL NO.	DESCRIPTION	PRICE
MUL-T15-WD	Single-Stage Thermostat	$36.85
MUL-TT1520CAM4	2-Speed Thermostat	110.50
MUL-TT1540PCM4II	Thermostat, 4 2-way switches	118.95

CORROSION-RESISTANT THERMOSTAT

- Designed to provide precise control of heating, cooling, and ventilation systems
- Adjustable calibration dial
- Designed to tolerate harsh environments, high humidity levels, and most corrosive conditions
- Fast responding stainless steel sensors resists corrosion
- Water-resistant NEMA 4x ABS plastic enclosure resists moisture and gases found in corrosive ag buildings as well as airborne contaminants
- 120 / 240V
- 40 to 104 degrees Fahrenheit

DOUBLE L GROUP

MODEL NO.	PRICE
LL-50165	$17.50

FLEX MOTORS PARTS & OPTIONS

FLEX MOTORS

PART NO.	HP	USED FOR	VOLTAGE	NOMINAL RPM	AMPS	RETAIL
MUL-FM0207M6G0000	1/3	8" to 20" Fans	110V	1600	3.8	$211.30
MUL-FM0190M6G0000	1/3	8" to 20" Fans	220V	1600	2.0	258.75
MUL-FM0225M6G0000	1/2	22" to 24" Fans	110V	1000	6.7	259.80
MUL-FM0129M6G0000	1/2	22" to 24" Fans	220V	1000	3.2	284.35
MUL-FM0094M7G0000	1/2	36" Fans	110V	800	6.3	288.25
MUL-FM0080M7G0003	1/2	36" Fans	220V	800	3.0	276.60
MUL-FM0221M7G0003	1/2	36" Fans (3 Phase)	240/460V	775	4.0/3.2	314.05

MOTOR MOUNTING OPTIONS

MODEL NO.	DESCRIPTION	RETAIL
MUL-SETNEMA56C04	Mounting Base, 3.5 Inches (EP2)	$20.70
MUL-SETNEMA56C05	Mounting Base, 3.5 Inches	22.65
MUL-SETNEMA4807	Mounting Base, 3.0 Inches	25.20
MUL-YOKEVD1513K	Hanging Yoke	3.90
MUL-FOVP1009K	Motor Mounting Arm (1)	7.15
MUL-ZA49	Boots (3 Included)	7.15
MUL-ZA49INC	Boots (4 Included)	9.10

MULTIFAN FIBERGLASS CONE FAN VPLUS

WHY CHOOSE THIS FAN?

- Infinitely variable speed control allowing a smooth and precise ventilation system
- Ranks amongst the highest in airflow performance/efficiency (Bess Lab)
- In-House developed and produced motors since 1952
- Mechanically compatible and interchangeable with current fan designs
- Materials resistant against corrosive climates
- Soft start preventing current spikes
- 3-year warranty for Multifan motor-drive combination

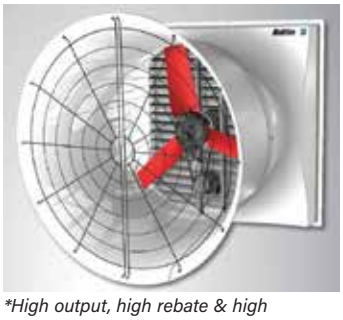
APPLICATIONS

CALL FOR PRICING

- Agricultural: Pig, Poutry, Dairy
- Horticulture: Greehouse
- Tunnel ventilation, natural ventilation, length ventilation, minimum ventilation, cross ventilation

FEATURES

- Fan: 50 and 54 inch with 3 blade airfoil PG impeller
- Motor efficiency: IE4/NEMA Super Premium Efficiency
- Motor: Multifan PMSM motor
- Drive: Multifan Fan Drive
- Protection: IP55/UL 507 standard for motor, Electronics in IP65 housing
- Shutter: different options (aluminum, butterfly, PVC, insulated PVC)



**High output, high rebate & high efficiency models available*

VENTILATION & ALARMS

MEGA TORQUE

72" FIBERGLASS TORQUE DRIVE EXHAUST FAN

Save Time & Money – No Belts to change, No pulleys to Maintain, No Greasing Motor or Bearings

- Maintains a continuous high level of performance with no power loss or reduction from aging belts and pulleys
- Premium-efficient industrial motor
- Inverter ready - VFD (Variable Frequency Drive) compatible (VFD not included)
- Aluminum shutter
- One-piece molded cone
- Heavy gauge stainless steel shutter clips
- Heavy duty guard
- Drainage holes in the bottom of the housing to drain moisture
- **24 Month Warranty** on motor and torque drive
- **10 Year Warranty** on propeller
- **20 Year Warranty** on fiberglass housing

THE CHILLER™ CIRCULATION FAN

- Incredible air movement–15,000 cfm with 1/2 hp motor
- Unique venturi creates extreme output and efficiency
- One-piece polyethylene housing with UV inhibitors
- Heavy-duty, polycoated, adjustable bracket, motor mount and guard
- Direct drive, single-speed
- 115/230 volt single phase (also available in 230/460 three phase)
- **2-year motor warranty**

MODEL NO.	DESCRIPTION	PRICE
JD-VPRF24	24" Circulation Fan 7,000 cfm	**$410.60**
JD-VPRF36	36" Circulation Fan 15,000 cfm	**514.65**

HIRED-HAND® ROLLSEAL AUTOMATIC SHUTTER SYSTEM

With the positive seal of the RollSeal shutter system, the days of leaky shutters are over! The 2-ply flexible shutter material provides an excellent source of insulation. RollSeal has a special backup feature that allows it to open during power failure and reset itself when power is restored.

- Positive seal for greater efficiency
- Eliminates clean up and maintenance
- Self-cleaning hook and loop-track locking system
- 12-volt battery back up for power outage
- 2-ply flexible shutter available in clear or black
- Works with all electrical currents— 114/230 volts
- Sizes available to fit all fans (2–6 ft)

MODEL NO.	DESCRIPTION	PRICE
HH-6621-0050	36" Galvanized	**$743.55**
HH-6621-0100	48" Galvanized	**759.70**

ROLLSEAL PARTS

MODEL NO.	DESCRIPTION	PRICE
HH-6421-0102	PCB Control Board	**$88.85**
HH-6407-3039	Transformer	**55.90**
HH-3010-2141	1.6 amp fuse	**2.45**
HH-6421-1516	Motor & Switch Assy. LH	**119.30**
HH-6421-9230	Motor & Switch Assy. RH	**119.30**
HH-3019-5010	Motor Only	**CALL**
HH-6421-9162	Limit Switch Assy. LH	**21.10**
HH-6421-1515	Limit Switch Assy. RH	**21.10**

HIRED-HAND® MEGA FLOW (ECONOFLOW) FANS

CIRCULATING BOX FAN

- Heavy-duty, belt-drive fan
- Energy-efficient motor
- Self-adjusting belt tightener
- Galvanized venturi frame and blade
- 20-gauge metal housing
- Brackets for optional hanging
- Patented wire-guard fastener
- Patented belt tensioner

MODEL NO.	DESCRIPTION	SIZE	CFM@0.0" SP	PRICE
HH-6603-0118	1/2 hp Belt Drive	36" dia.	9,810	
HH-6603-5510	1 hp Belt Drive	48" dia.	21,597	CALL FOR PRICING
HH-6603-0102	1 hp Direct Drive	36" dia.	10,433	
HH-6603-5540	1 hp Direct Drive	48" dia.	17,802	

BARNSTORMER ECONOMY CIRCULATION FAN

J&D Manufacturing

- Cage-style basket fan with removable front
- Wider air pattern
- Totally enclosed UL-listed motor
- Direct drive, single speed
- 115/230 volt single phase (also available in 230/460 three phase)
- Includes bracket
- **2-year motor warranty**

MODEL NO.	DESCRIPTION	PRICE
JD-VBS24	24" Barnstormer Economy Fan 5300 cfm	**$199.29**
JD-VBS36A	36" Barnstormer Economy Fan 9880 cfm	**243.30**

PVC SHUTTERS – HIRED HAND®

MODEL NO.	DESCRIPTION	SIZE	PRICE
HH-6611-5013	10" Shutter	13 3/8 x 13 3/8	
HH-6611-5014	14" Shutter	16 1/8 x 16 1/8	
HH-6611-5015	18" Shutter	20 3/4 x 20 3/4	
HH-6611-0109	24" Shutter	28 x 28	CALL FOR PRICING
HH-6611-8004	36" Shutter	41 1/2 x 42	
HH-6611-5022	48" Shutter	54 1/4 x 54 1/4	

CALL 888-342-5657 FOR PRICING ON SIDEWALLS AND DOORS.

Save propane costs and make your fans more efficient!

VENTILATION & ALARMS

AP AIR INLETS

MODEL NO.	DESCRIPTION	PRICE
AUTOMATIC CEILING INLETS (COUNTER WEIGHTED)		
CAI-1000CW	971 CFM @ .1 SP, 17" x 17" rough opening	$111.80
CAI-2700CW	2718 CFM @ .1 SP, 25.5" x 25.5" rough opening	152.20
ACTUATED CEILING INLETS		
ACI-4000P2	2 Way Inlet, 4000 CFM, all plastic, 20.5" x 46.5 rough opening	177.65
ACI-2700P	2 Way Laminted Inlet, 25.5" x 25.5" rough opening	123.00
ACI-2-4000	2 Way Inlet, 4000 CFM Stainless Steel Housing, 21.5" x 46.5" rough opening	256.55

Note: Other AP Actuated Inlets available, call for pricing.

DOUBLE L WALL INLET

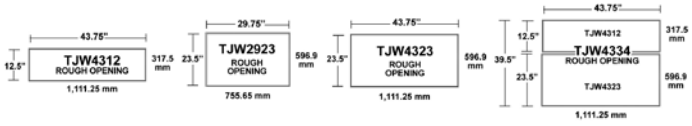
TJW inlets feature counterbalanced louvers that open from the top instead of the bottom. Each louver is individually adjustable for balancing multiple inlets and may be adjusted for lower and higher static pressure. Two- and three-louver inlets can be adjusted to multiple-stage operation.

- Directs airflow up towards the ceiling area
- 3/4" thick housing provide an insulation factor
- Translucent panel allows light into the room
- Withstands pressure washing
- Engineered to open at .05 to .07 static pressure
- Great BIL3000 & BIL4000 Replacement Inlets

MODEL NO.	DESCRIPTION	PRICE
LL-90540CH	TJW2923* Topjet Wall Inlet	$120.55
LL-90521CH	TJW4323* Topjet Wall Inlet	162.85
LL-90522CH	TJW4334 Topjet Wall Inlet	CALL
LL-90519CH	TJW4312 Topjet Wall Inlet	99.75

**TJW2923 is a replacement for the BIL 3000*

**TJW4323 is a replacement for the BIL 4000*



MULTIFAN INLET

The Multifan inlet is made of durable plastic to stand up to power washing. Cable actuated only. 1300 & 2400 inlets have traditional flat baffles; cable actuated or counter weighted.

MODEL NO.	DESCRIPTION	PRICE
MUL-LLDC3127	3500 cfm Acutated Inlet *shown	$183.55
MUL-LLJD1501	1300 cfm Weighted or Actuated	100.80
MUL-LLJD2600	2400 cfm Weighted or Actuated	140.20

C2200 AIR INLET

- Allows 20% more air than a C2000 inlet – the extra cfm per inlet allows customer to use fewer inlets per room
- Counterbalance louvers adjust automatically to static pressure and each inlet can be shut off for better air control
- Easily power wash clean – aerodynamic edge prevents blade from being blown back
- Framed opening: 22.5" x 22.5"
- Made in USA

MODEL NO.	DESCRIPTION	PRICE
LL-90635	C2200 (w/ Insul. Barrier)	$63.10

DOUBLE L W400 AIR INLET

Bottom-deflection louver is used to shut off the inlet. PVC plastic is corrosion-resistant, and the smooth surface cleans easily. All inlets open evenly in a room. Counter-balanced louver adjusts automatically to fan speed.

MODEL NO.	DESCRIPTION	PRICE
LL-90499	W400	$10.15

TOP JET J4200

Redesign of the C2000 inlet moves air upward toward the ceiling for improved air mixing. New counter weight provides improved static pressure for better velocity. U.S. Patent No. 6,45,078

MODEL NO.	DESCRIPTION	PRICE
LL-90640	Top Jet 4200 Inlet	$76.05

Packed in boxes of 2 inlets.

BREASY SLIDING BAFFLE FOR PIT FANS

BrEasy is a sliding baffle that focuses the pit fan's airflow to draw out the coldest and heaviest gases from right above the manure line. Simply use the visual pit indicator and raise the baffles with a cable turn system. BrEasy creates a healthier barn environment for people, pigs, and pits with a rapid ROI. How? An ISU study found that BrEasy: reduces in-barn amonia by 32%, odor by 43%. Additional trials found a substantial reduction in propane use.

For more information on the BrEasy Sliding Baffle see page 105.

VENTILATION & ALARMS

AP VENTILATION

CIRCULATION FANS

PART NUMBER	SIZE	PHASE	HP	SPEED	CORD	VOLTAGE	BLADES	GUARD	COLOR	MOUNT	PRICE
AIR-CF-24-1-0	24"	1	1/3	Variable	No	115/230	3	*See notation below	White	"L"	$196.30
AIR-CF-36-1-0	36"	1	1/2	1	No	115/230	3	OSHA	White	"T"	339.15

*Non-OSHA guarded fans must be mounted over 7ft. Above ground.

COMPETITOR SERIES 24" FANS

AP is pleased to announce the introduction of the Competitor Series 24" ventilation fans. These fans feature the same high quality fiberglass housings and discharge cones as our Performer Series fans. Housings and discharge cones are backed by a limited lifetime guarantee. The propellers feature a cast aluminum hub with five blades injection molded using durable fiber reinforced NYLON (not poly-propylene). The CS24C1's high efficiency motor delivers an impressive 16.9 CFM/Watt at 0.05 inches of water column.

MODEL NO.	DESCRIPTION	PRICE
AIR-CS24C1	24" Fan w/ Discharge Cone, 1/3 HP, 230V	$699.45
AIR-CS241-NC	24" Fan w/o Discharge Cone, 1/3 HP, 230V	570.25
AIR-CS24-FTU	24" Pit Transition w/ Quick Lock, Fits CS24 & APP-24 Fans	290.10

COMPETITOR SERIES 54" FANS

AP is pleased to announce the introduction of the Competitor Series 54" High Performance belt drive ventilation fans. Features include:

- A durable and aerodynamic fiberglass housing and discharge cone backed by a limited life-time warranty
- A high-performance stainless steel propeller
- An automatic belt tensioning system
- Heavy-guage, corrosion-resistant aluminum drive train support
- Stainless steel hardware

MODEL NO.	DESCRIPTION	PRICE
AIR-CS54C1-P	54" Fan, Stainless Steel Prop, 1.75 HP, 115/230V, w/ Shutter, 58" W x 60.5" H rough opening	$1820.00

REPLACEMENT PARTS FOR FIBERGLASS FANS

MODEL NO.	DESCRIPTION	PRICE
AIR-15-0131	Motor, 1.5HP, 1PH, 60 Hz, 1.5SF, 54" Replacement for Competitor Series Fan	$291.95
AIR-13-0144RS	Competitor Prop, Stainless Steel, 53.375"	180.75
AIR-16-0088	Belt, A-46 V-Belt, 48" Nominal Length Belt for 54" Competitor Fan	10.75

DIRECT DRIVE FAN PARTS

Diverter Cone

MODEL NO.	DESCRIPTION	PRICE
DIRECT DRIVE FAN PIT TRANSITIONS		
AIR-CS18-FTU	18" Competitor Pit Transition	$221.75
AIR-CS24-FTU	24" Competitor Pit Transition	290.10
DIRECT DRIVE WIND PROTECTION		
AIR-WDH-18	18" Wind Diverter Cone	89.45
AIR-WDH-24	24" Wind Diverter Cone	89.90
AIR-WDH-36	36" Wind Diverter Cone	CALL
DIRECT DRIVE FAN MOTORS		
AIR-15-0083	1/3 HP 1100 RPM, for GP24, GPP24 & CS24	228.60
AIR-15-0110	1/3 HP 1725 RPM, for APP-18	231.70
AIR-15-0105	1/3 HP 1100 RPM, for APP-24	244.95
AIR-15-0116	1/2 HP 900 RPM, for APP-36, GP36 & GPP36	304.40
DIRECT DRIVE FAN PROPS		
AIR-13-0107	APP-18 Fiberglass Composite Prop	134.80
AIR-13-0014	APP-24 Fiberglass Composite Prop	165.80
AIR-13-0129	Prop F/APP-36F Fan w/ Bushing	213.00
AIR-13-0147	Propellor 5 Blade 28 1/8" tip to tip 1/2"B CS24	90.70

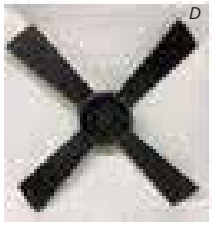
FIBERGLASS PERFORMER SERIES FANS

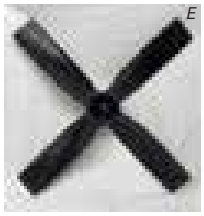
Shown with optional cone attached

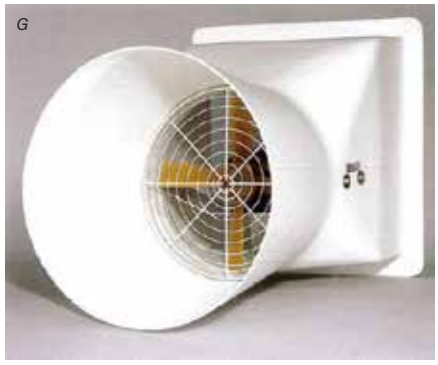
MODEL NO.	DESCRIPTION	PRICE
AIR-APP-18F	18" Fan, 1/3 HP, 115/230V, w/PVC Shutter	$601.30
AIR-APP-24F	24" Fan, 1/3 HP, 115/230V, w/PVC Shutter	670.25
AIR-APP-36F	36" Fan, 1/3 HP, 115/230V, w/PVC Shutter	949.15

Note: Other Sizes Available, call for details. Above pricing does NOT include cone.

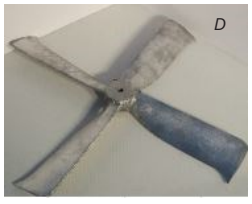
FAN MOTORS, CONES BLADES AND PARTS FOR AP AND AEROTECH (NOW CALLED MUNTERS)







	MODEL NO.	DESCRIPTION	PRICE
A	AIR-15-0131	Motor 1-1/2 HP, F/54" Competitor Fan	$291.95
B	AIR-15-0105	Motor 1/3 HP 1140 RPM for 24" AP Fans	244.95
C	AIR-15-0109	1/4 HP, AIR-15-0110 - 1/3 HP, AIR-15-0116 1/2 HP	221.15
D	AIR-13-0106	Fan Blade 14", AIR-13_0107, 18" APP Fiberglass	CALL
E	AIR-13-0209	Fan Blade App-24 Fiberglass	165.85
F	AIR-13-0044	Fan Blade APPB-50	249.10
G	AIR-12-0087F	Cone for 14" Fan, Fiberglass	143.50
H	AIR-13-0038	Tran Torque 1/2" F/PROP w/ 7/8" Bore	18.10
I	AIR-13-0122	Tran Torque 5/8" F/PROP w/ 1-1/2" Bore	32.95
J	AIR-16-0040	Spring Tensioner for 48" Belt Drive	10.50



	MODEL NO.	DESCRIPTION	PRICE
A	AERO-FM1008	Motor 1/3 HP 1075 120/240V	$183.10
B	AERO-FM1009	Motor 1/3 HP 1625 120/240V	183.10
C	AERO-FM1024	Motor 1 HP 1725 1PH 120/240V	307.30
D	AERO-FP103355	Fan Blade 24" Dia. 4-Blade	91.55

H STRUT CONVERSION BRACKET

MODEL NO.	DESCRIPTION	PRICE
AERO-FH1945	H Strut Conversion Bracket	

Munters
Your Perfect Climate

VENTILATION & ALARMS

INTERMATIC TIMERS 24 HOUR

Applications:

- Fans
- Irrigation Control
- Feeders
- Filters
- Blowers
- Poultry Feeders
- Heaters
- Dairy Equipment

MODEL NO.	VOLTS	RANGE/GRAD.	PRICE
91-AF-1400	208–277	1–60 on/off	$127.25
91-AE-1400	120	1–60 on/off	127.25
91-AE-1400	208–277	48 on/off	135.65
GEN-T1905	120	48 on/off	CALL
GEN-CT1000	120	Percentage	137.10

FAN COVERS

Decrease your winter heating cost with Southwestern Fan Covers for your tunnel-ventilated finishing barns. The fan cover prevents cold air leakage with the bungee cord in the end. Available in black, white, or clear; poly or vinyl material; and fits square, slant wall, or round fan types.

MODEL NO.	DESCRIPTION	PRICE
SS-FANCVR33BWX	33" Round Cover w/ Bungee	$17.00
SS-FANCVR44BWX	44" Round Cover w/ Bungee	18.05
SS-FANCVR49BWX	49" Round Cover w/ Bungee	19.80
SS-FANCVR55BWX	55" Round Cover w/ Bungee	20.50
SS-FANCVR58BWX	58" Round Cover w/ Bungee	22.60
SS-FANCVR60BWX	60" Round Cover w/ Bungee	25.20
SS-FANCVR62BWX	62" Round Cover w/ Bungee	25.55
SS-FANCVR64BWX	64" Round Cover w/ Bungee	25.55
SS-FANCVR68BWX	68" Round Cover w/ Bungee	25.30

**NOTE: DIMENSION SHOWN REPRESENTS COVER FULLY EXPANDED. FAN CONE DIAMETER PLUS 3 INCHES SHOULD EQUAL COVER SIZE.*

SOUTHWESTERN SALES WHALECO AIR CHUTE

Wind tunnel test shows increased cfm performance of fan by 10% and cfm/watt by a full point. Air chute seals off fans that aren't in operation, allowing static pressure to be achieved with fewer fans. Air chute will keep cold air from entering the building during fall and winter months. (One farm reported a $500 gas savings over one growout.) Can be ordered to fit any size fan. Standard sizes are 36" and 48".

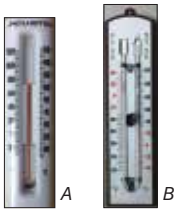
MODEL NO.	DESCRIPTION	PRICE
AC-36C	Air Chute F/36" Fan w/ Cone	
AC-46C	Air Chute F/48"–52" Fan w/ Cone	CALL FOR PRICING

DIGITAL HI-LO THERMOMETER

- Both Fahrenheit and Celsius display
- Separate display for inside and outside temperature
- Memory of highest and lowest temperature
- 2-key operation Max/Min and Reset
- Range -40ºF to 122ºF/-39.9ºC to 49.9ºC

MODEL NO.	DESCRIPTION	PRICE
AG-480520	Digital	$12.50

MANUAL HI-LO THERMOMETERS



MODEL NO.	DESCRIPTION	PRICE
WW-350736	Wall Thermometer *A*	$4.10
IM-78-1005	Manual Hi-Lo *B*	$9.75

DIGITAL HI-LO HYGRO-THERMOMETER

- Both Fahrenheit and Celsius display
- Separate display shows humidity and temperature
- Memory for highest and lowest temperature and humidity
- 2-key operation Max/Min and Reset
- Range:
  Temperature 5˚F to 122˚F/-15˚C to 45˚C
  Humidity 25%-95%

MODEL NO.	DESCRIPTION	PRICE
AG-480600122011	Digital Hi-Lo Hygro-Thermometer	$14.10

GUN-STYLE INFRARED THERMOMETER

- Check for animal comfort quickly
- Accurate temperature readings with "point and shoot" ease
- 0–788˚F temperature range
- Includes automatic "power off" and 9-volt battery

MODEL NO.	DESCRIPTION	PRICE
TS-102450	Gun-Style Infrared Thermometer	CALL FOR PRICING

MISC. PRODUCTS

Kane Sort Panels 99
Super Sort Paddle 99
Slap Paddles 99
Kane Rattle Cup 99
Mini Hopper Pan Feeder 99
Feed Scoops 99
Sprayolo™ Animal Marker 99
Hog Carcass Cart 99
Sow Carcass Cart 99
Carcass Cart 99

Disinfecting & Biosecurity Aids

Rainsuit 99
Disposable Boots 100
Disposable Coveralls 100
Ape Boot 100
Walk-Thru Boot Mats 100
Black Rubber Boots 100
Handarmor Black Nitrile Gloves 100
Virkon Disinfectant 100
Tek-Trol Spray Disinfectant 100
Synergize Disinfectant 100
Dust Masks 100

Creep/Feed Mats
Double L 4872 Plastic Mat w/ Feed Lip 101
Dura-Mats® 101
VALCO Raydot Surge Protector 101
Scrapers 101
Sow Soap 101
Chore & Feed Cart 101
Economical Ear Plugs 101
Slat Savers 101
Bite-Rite Tail Biting Chew Tool 101
Con-Korite Products
Con-Korite Xtra Mortar 102
Armor-Rock Epoxy Overlay 102
KB25 Acrylic Resin 102
ARMORCOAT Floor Coating 102
Metal Repair and Protection
V-Thane Urethane Metal Coating 103
VSC Rust Converter 103
VSC Seam Tape 103
Tub-O-Towels 103
Rodent Control 103
Top-Loading Bait Station 103
Rodent Bait 103

** Indicates New Product*

MISC. PRODUCTS

KANE SORT PANELS

Very durable, made from plastic so it's lightweight, which makes it easy to handle. Cuts down on the bulkiness of plywood. Comes in a variety of sizes.

sort hinge

MODEL NO.	DESCRIPTION	PRICE
KANE-18"SORP	30" x 18"	$16.15
KANE-3FTSORP	30" x 36"	25.00
KANE-4FTSORP	30" x 48"	34.85
KANE-SORP HINGE	Hinge Kit 20"	34.50

SUPER SORT PADDLE

MODEL NO.	DESCRIPTION	PRICE
COM-KP48	48" Super Sorter Paddle	$15.75

SLAP PADDLES

"Rattle" paddle to move pigs with less stress.

MODEL NO.	DESCRIPTION	PRICE
KANE-RP37C	37" Long Paddle	$10.80
KANE-RP47C	47" Long Paddle	11.15

KANE RATTLE CUP

Introducing the animal friendly Kane Rattle Cup! Made of high density, durable polyethylene and built to last. Steel balls inside the cup allow you move animals by sounds alone. Make moving, sorting, and loading livestock easier.

MODEL NO.	DESCRIPTION	PRICE
KANE-RC12	Rattle Cup	$9.25

MINI HOPPER PAN FEEDER

- Hermatically sealed lid
- Lid without edges avoids opening by piglets
- Curved rim and wings to prevent feed wastage
- Easy adjustments to ration feed
- Handle with arrow for rapid connection to any slatted floor

MODEL NO.	DESCRIPTION	PRICE
AR-MIN0C20	Pan Feeder	$48.95

FEED SCOOPS

MODEL NO.	DESCRIPTION	PRICE
COM-3Q	3 qt, Galvanized	$9.00
COM-4Q	4 qt, Galvanized	11.10
COM-6Q	6 qt, Galvanized	12.00
COM-150-4005	3 qt, Plastic Standup	6.15
COM-5KFS	2 qt, Plastic	6.05

RAINSUIT

3-PC. DUR-ABEL INDUSTRIAL RAINSUIT

- Boss Mfg. Co.
- 100% waterproof industrial strength raingear
- Deluxe PVC bonded onto oxford polyester lining
- Jacket & raincoat features detachable hood
- Reinforced patch pockets, adjustable wrists

SPRAYOLO™ ANIMAL MARKER

Long-lasting livestock marker. Mark animals from 3–5 feet away, eliminating direct contact with animals. Marks last 7–10 days, allowing earlier sorting time and making vaccinated animals easy to track. Mark 300–500 animals with only 1 pint of Sprayolo. Handy 1-gallon refills mean additional savings.

MODEL NO.	DESCRIPTION	PRICE
AG-439700	1 pt Pink	$4.85
AG-439710	1 pt Green	4.85
AG-439720	1 pt Blue	4.85
AG-439730	1 pt Orange	4.85
AG-439705	1 gal Pink	24.35
AG-439715	1 gal Green	24.35
AG-439725	1 gal Blue	24.35
AG-439735	1 gal Orange	24.35
AG-439750	16 oz Pink Concentrate	17.00
AG-439760	16 oz Green Concentrate	17.00
AG-439770	16 oz Blue Concentrate	17.00

HOG CARCASS CART

- Reduce strain and stress of carcass removal
- Large pneumatic tires for easily rolling over slatted floors
- Heavy-duty construction for years of use

MODEL NO.	DESCRIPTION	PRICE
AA-RWDCC	Dead Carcass Cart	$314.10
AA-RWDCCSP	Dead Carcass Cart w/ Solid Panel	314.10

SOW CARCASS CART

- Wider body for larger carcasses
- Heavy-duty winch for efficient loading

MODEL NO.	DESCRIPTION	PRICE
AA-RWDCII	Dead Carcass Cart, Manual	$993.58

CARCASS CART

Designed for quick and easy removal of mortalities or sick animals that need to be removed from a pen. Slide Carcass Cart down on its side, use the handle to pull under the animal, then simply tip the cart back into the upright position with the same lever handle. Designed to maneuver around corners.

- Made of heavy duty steel
- 6" high capacity wheels
- Also handy for moving remodel or construction materials

DESCRIPTION	PRICE
Carcass Cart (Requires some assembly)	$425.00

MODEL NO.	DESCRIPTION	PRICE
BM-244-2069	Medium	$18.75
BM-196-3628	Large	18.85
BM-196-3636	X-Large	18.95
BM-196-3644	XX-Large	19.20

DISINFECTING & BIOSECURITY AIDS

DISPOSABLE BOOTS

Prevent contamination of areas. Heavy 4 mil. polyethylene. One size fits to size 12. Box of 50 count. Easy to pull on and easy to remove. Available in XL size, fits shoe size 12-15.

MODEL NO.	DESCRIPTION	PRICE
AG-318504	4 Mil	$12.75
AG-318507	4 Mil X-Large	14.30
AG-318515	6 Mil X-Large	23.25
AG-318514	4 Mil Jumbo	20.00

BLACK RUBBER BOOTS

STANDARD TOE

MODEL NO.	DESCRIPTION	PRICE
BM-243-1062	Size 7	$17.50
BM-243-1070	Size 8	17.50
BM-243-1088	Size 9	17.50
BM-243-1096	Size 10	17.50
BM-243-1104	Size 11	17.50
BM-243-1112	Size 12	17.50

APE BOOT

The APE BOOT is made of 100% High Density Natural Latex Rubber. Powder free and re-usable. Designed to cover your shoes and boots and protect workers and environment. The exclusive design is manufactured with tread etched in the boot mold which offers excellent slip resistance for both wet and dry applications. Ideal for swine or poultry barns as well as many other applications. These boots meet the specification in the Title 21 C.F.R. (Code of Federal Regulations). Thickness is .018 mil (top 1/3) and .24 mil (bottom 2/3).

MODEL NO.	DESCRIPTION	PRICE
AG-419482	Medium	$4.20 / pr.
AG-419483	Large	$4.20 / pr.
AG-419484	X-Large	$4.20 / pr.
AG-419485	XX-Large	$4.55 / pr.

WALK-THRU BOOT MATS

Use Synergize Disinfectant as the disinfectant poured onto this mat.

MODEL NO.	DESCRIPTION	PRICE
AG-802000	Walk-Thru Disinfecting Boot Mat, 24" x 32"	$50.65

DISPOSABLE COVERALLS

Durable Tyvek® material with loose leg and wrist cuffs. Strong barriers against chemicals, dirt, and grime. Full cut for comfort and ease of movement. Full length zipper and shirt collar. Convenient 25 count case.

Now available in 3XL and 4XL.

MODEL NO.	DESCRIPTION	PRICE
AG-1015M	Medium	$7.55
AG-1015L	Large	7.55
AG-1015XL	X-Large	7.55
AG-1015XXL	XX-Large	7.95

HANDARMOR BLACK NITRILE GLOVES

- Latex free
- Non-sterile, black color
- Ambidextrous

MODEL NO.	DESCRIPTION	PRICE
MT-1169-980	Glove Nitrile Small (100/bx)	$9.00
MT-1169-981	Glove Nitrile Medium (100/bx)	9.00
MT-1169-982	Glove Nitrile Large (100/bx)	9.00
MT-1169-983	Glove Nitrile X-Large (100/bx)	9.00

VIRKON DISINFECTANT

Virkon is known worldwide as one of the most effective biosecurity disinfectants for controlling and eliminating more than 38 viruses including the foot-and-mouth disease virus, and bovine adenovirus type four. Eradicates more than 20 bacteria such as E. coli and several strains of staphylococci, streptococci, and salmonellae. The yellow powder dissolves easily in water and remains stable for 7 days. Virkon can be used in foot mats, baths, and all surfaces. Mix 1.3 oz. per gal. Makes a 1% solution.

MODEL NO.	DESCRIPTION	PRICE
MT-1187-094	Disinfectant Mix, 10 lbs.	$115.86 ea

TEK-TROL SPRAY DISINFECTANT

A ready-to-use, synthetic disinfecting detergent that provides broad-spectrum kill of Gram-positive and Gram-negative micro-organisms, provides effective cleaning and disinfecting in kennels, poultry and turkey barns, and swine facilities. Convenient aerosol spray applicator.

MODEL NO.	DESCRIPTION	PRICE
KSP-MS3174	Tek-Trol 20 oz. Aerosol Disinfectant	$8.50

Note: This product cannot be shipped UPS.

SYNERGIZE DISINFECTANT

** Not for use in Dairy Facilities*

MODEL NO.	DESCRIPTION	PRICE
KSP-028520	Synergize Foaming Disinfectant Concentrate, gallon	$33.35
KSP-050147	Synergize Cool Disinfectant, gallon	$31.00

Note: This product cannot be shipped UPS.

DUST MASKS

Molded for comfort. Nonirritating rubber strap. Poly-mesh shell resists collapsing. The 2307 is a 2300 mask with a smaller face shape. Called alternate shape 2300.

MODEL NO.	DESCRIPTION	PRICE
AG-372200	Moldex 2200 – 20 Ct	$26.75
AG-372300	Moldex 2300 – 10 Ct	33.25
AG-372307	Moldex 2307 – 10 Ct	33.25
BM-761-8275	3M Dust Mask – 50 Ct	12.00

MISC. PRODUCTS

CREEP/FEED MATS

DOUBLE L 4872 PLASTIC MAT WITH FEED LIP

- Insulates weaned pigs from cold concrete slats
- Lightweight, easy to handle
- Great for creep feeding
- Accommodates 50 pigs
- 4′ x 6′ wean-to-finish pig mat is easier to handle than rubber mats
- 1 ¼″ raised feed lip keeps feed on mat
- Made of high-density polyethylene
- Handles allow for easy transport and storage

MODEL NO.	DESCRIPTION	PRICE
LL-16456	4872 Plastic Mat	$47.25

DURA-MATS®

- **100% rubber**
- Nonporous
- Harbor fewer bacteria
- Easier to clean
- Nylon-free

MODEL NO.	DESCRIPTION	PRICE
QC-250108	26" x 26" Mat w/ Lip	$15.50
QC-250175	26" x 42" Mat w/o Lip	18.50
QC-250180	26" x 42" Mat w/ Lip	26.50
QC-253848	38" x 48" Mat w/ Lip	32.05

VAL-CO RAYDOT SURGE PROTECTOR

- Lightning/surge suppression tool
- Economical protection for ventilation controls and telephone lines
- Enhance surge suppression built into electronic equipment

MODEL NO.	DESCRIPTION	PRICE
PAX-VE-013-001	Deadbolt, Phone Surge Suppressor	$152.35
PAX-VE-016-001	Deadbolt, Control Circuit Surge Suppressor	143.75

SCRAPERS

MODEL NO.	DESCRIPTION	PRICE
COM-SA110	24" SS Scraper w/ Handle	$37.50
COM-SA130	24" Poly Scraper w/ Handle	28.25

SOW SOAP

A high-lathering sow soap used to clean sows prior to placing them into farrowing crates. Sow Soap produces a heavy clinging lather that will remove and suspend soils in solution as to enable free rinsing with very little scrubbing.

MODEL NO.	DESCRIPTION	PRICE
AA-3AGSS	Sow Soap - Gal.	$13.65

CHORE & FEED CART

- Super smooth, easy to clean
- FDA-approved,polyethylene cart
- Will not crack or shatter at corners
- Will not damage doors or walls
- Constructed of heavy steel tubing
- Turning radius of 360º
- A smooth sloping interior prevents feed bridging
- Capacity of 4 1/2 bushels, 41" l, 19" w, 35" h

MODEL NO.	DESCRIPTION	PRICE
AP-CC5	5 bu Feed Cart	$250.95
AP-CC5.5	5.5 bu Feed Cart	274.55
AP-CCVT	Vet Tray	CALL
AP-CC5T	Chore Cart Tub	111.20
AP-CC5.5T	Feed Cart Tub	171.45
AP-CC56C	Chore Cart 6" Caster	13.05
AP-cc10W	Cart 10" Wheel	32.00

ECONOMICAL EAR PLUGS

- Comfortable soft foam
- Nonirritating to ears
- Packed in pairs

MODEL NO.	DESCRIPTION	PRICE
AG-378900	Ear Plugs (Disposable) 1 pair	$.35
AG-378900	100 Pairs per Box	31.65

SLAT SAVERS

- Place under feeders to protect slats from pitting and wear
- Durable material
- The original Slat Saver mat!

MODEL NO.	DESCRIPTION	PRICE
WAH-SS-4	46 3/4 x 48	$70.50
WAH-SS-4X5	46 3/4 x 60	87.45
WAH-SS-4X6	46 3/4 x 72	105.80

Slot locks to secure to slats are extra.

BITE-RITE TAIL BITING CHEW TOOL

Is tail biting a problem?

- Help reduce aggressive behavior
- For finishing and nursery pigs
- No cleaning required
- Replaceable chew sticks

MODEL NO.	DESCRIPTION	PRICE EACH			
		1-10	10-29	30+	40+
IK-BR-1	Tail Biting Chew Tool				
IK-BRS-1	Chew Sticks				
IK-BRS-2	Chew Sticks Heavy Duty				

CALL FOR PRICING

Bite-Rite includes chain, snap link, and Bite-Rite with 4 chew sticks.

CON-KORITE PRODUCTS

CON-KORITE XTRA MORTAR

Use this mortar when you want to make a repair one time! Con-Korite develops 3,000 psi compressive strength in one hour and nearly 10,000 psi in 28 days. This unique formula has exceptional abrasion, salts, and sulfates resistance—making it the longest-lasting and most cost-effective option for severely worn (any thickness greater than 1/4 inch) slats and floors. It is preferred by producers for repair of broken slat edges and to restore eroded slats...even down to the rebar. Being a concentrate, Con-Korite can be extended (Con-Korite X'TEND) with coarse sand or pea gravel up to 1:1 to grout deep holes and make repairs in medium-duty areas such as troughs and rough pen floors (2 parts mortar to 1 part mortar sand).

Typical coverage at 1/4 inch (55 lb bag): 25 sq ft unextended
37.5 sq ft mixed 2:1 with sand (Con-Korite X'TEND)
50 sq ft mixed 1:1 with sand (grouting over 1 inch)

KB25 ACRYLIC RESIN

Con-Korite can be used with water only. However, for added resistance to acids and to provide a greater bond for thinner overlays, Con-Korite can be combined with KB25 Acrylic Resin. Just add the resin to water and then mix with the mortar. KB25 Acrylic Resin is also a great additive for any portland-based mortar mix.

ARMOR-ROCK EPOXY OVERLAY

VSC Armorcoat Base Epoxy is combined with natural silica aggregates to produce an extremely hard tough-wearing uniform textured or smooth (troughs) overlay for new or slightly eroded (less than 1/2 inch) concrete. It is unaffected by the acids produced by animal and feed wastes. Since 1989 producers have found the Armor-Rock system to be the most permanent solution for restoring concrete around feeders and waterers and on floors. Wastes flow off the slats, removing acids that erode the surface. It's easy to use too. Just mix, add sand, pour onto the substrate, and spread. Add sand to the surface for a textured system or leave smooth (troughs). Use the convenient 6-inch notched squeegee for slat repairs.

Typical coverage: About 28 sq ft per 1.5 gallon unit combined with 25 lb sand admix and 25 lb sand broadcast at 3/16 inch.

Nonslip Overlay:
- Feeder pads
- Slats
- Load-out ramps
- Floors

Smooth Overlay:
- Troughs

MODEL NO.	DESCRIPTION	PRICE
GM-KB0100	Con-Korite 60 lb Kit Includes: 55 lb Con-Korite Xtra Mortar, 2 qt KB25 Acrylic Resin, and 1 Set Control Pouch	$80.75
GM-KB100-10	NEW — 10 lb Trial Size	$18.60
GM-KB0061	55 lb pail Con-Korite Xtra Mortar only	56.40
GM-KB0026	1 gal KB25 Acrylic Resin	32.05
GM-KB0027	5 gal (55 lb) KB25 Acrylic Resin	148.75
GM-AC-133	1.5 gal Armorcoat Epoxy Overlay Kit Includes: .5 gal pail of hardener and 1 gal pail of Armorcoat Resin, combine with 25 lb admix prior to application, then top dress with another 25 lb sand to produce Armor-Rock	161.55
GM-TS46565	Prop Mixer	12.90
GM-VP-151-1	Clean & Etch – 1 gal	17.35

IMPORTANT: Concrete preparation is critical for successful use of Epoxy based products. All concrete must be extremely clean and etched prior to application of epoxy products. Etching can be accomplished with muratic acid (locally sourced), or with VP151 Clean and Etch. WARNING: ALWAYS WEAR PROTECTIVE EYE PROTECTION WHEN HANDLING ANY ACID OR ETCHING MATERIALS!

ARMORCOAT FLOOR COATING

ARMORCOAT XC offers maximum durability, UV and chemical resistance, and speed clocking in around 40 minutes set time at 70˚F. An added 'cold-cure' accelerator may also be used in below freezing temperatures for fast overlays in refridgerated areas or during inclement weather.

This VOC compliant technology offers a flowable stand-alone coating wth good leveling properties.

- **Xpress Cure** - Quick return to service in 30–60 minutes
- **Cold Weather Cure** - Apply down to -20˚F (-29˚C)
- **Superior Wear Protection** - Up to 20 years protection or more
- **Chemical Resistant** - With stands corrosive production compounds

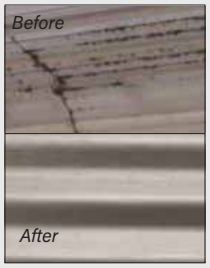
Agricultural Applications:
- Parlor Decks
- Tank Rooms
- Feeding Surfaces
- Chemical Storage
- Feed & Grain Storage
- Hog Slats
- Feed Troughs
- Floors

VANBERG SPECIALIZED COATINGS
A Division of Milamar Coatings LLC

METAL REPAIR AND PROTECTION

V-THANE URETHANE METAL COATING

V-THANE is a high-performace two-component urethane. It exhibits excellent chemical and weather resistance and will not discolor or chalk when exposed to UV light. It also works on concrete and wood surfaces.



VSC SEAM TAPE

The contouring, self-adhesive, and high-strength seam tape is great for repairing holes, loose screw heads, splits, and seam separations. It will stop leaks as well. Just press the tape onto the surface work into the split, seam, or hole.

VSC RUST CONVERTER

VSC RUST CONVERTER stops rust in its tracks, preventing further corrosion and rusting on metal surfaces. When applied, it chemically converts rust into a stable black compound. It will oxidize other corrosion and scale. A clear acrylic layer then forms over the converted rust that can be coated with V-Thane or will last as a stand-alone coating.

Rusty Roof

Application

Converted Rust

MODEL NO.	DESCRIPTION	PRICE
GM-UG320V	1.5 gal V-thane Metal Coating	$184.65
GM-RC800-2	50' roll VSC Seam Tape	35.96
GM-RC900-1	1 gal VSC Rust Converter	92.30

TUB-O-TOWELS

Removes virtually anything!

- Manure smell
- Dirt
- Grease
- Paint
- Caulking
- Ink pen
- Crayons

MODEL NO.	DESCRIPTION	PRICE
AA-TW90	Tub-O-Towels 90 ct	$15.95
AA-9TW90TB	Bracket	6.50

RODENT CONTROL

Available in apple or peanut butter flavor.

MODEL NO.	DESCRIPTION	PRICE
AG-909	Bait Station	$1.50
AG-777	All-Weather Bait Block*	33.85

**Use in wet or dry areas. Mold- and moisture-resistant but stays palatable to rodents. Accepted for use in federally inspected food plants. 120 blocks per box @ 1 1/3 oz each.*

All-Weather Bait Block
Apple & Peanut Butter Flavored

Bait Station

TOP-LOADING BAIT STATION

MODEL NO.	DESCRIPTION	PRICE
AG-902	Top-Loading Bait Station	$13.50

RODENT BAIT

ROTATE THE BAIT!

Mice and rats will by bypass eating bait if the same bait is used for an extensive period of time. It is important to rotate the variety and flavor of the bait used in the bait station to keep their interest.

Use a quarterly bait rotation program; as rodents don't have the same taste preferences.

- **January–March:** Use ***BOOTHILL***® mini-blocks; (Bromadiolone a single feed anticoagulant)
  > Place blocks on vertical rod inside top-load bait stations; 1–3 for mice & 1–5 for rats.
- **April–June:** Use **FASTDRAW**® soft bait; (Difethialone a single feed anticoagulant)
  > Place 1–3 pouches on vertical rod inside top-load bait stations.
- **July–September:** Use **REVOLVER**® soft bait; (Bromadiolone a single feed anticoagulant)
  > Place 1–3 pouches on vertical rod inside top-load bait stations.
- **October–December:** Use **HOMBRE**® mini-blocks; (Difethialone a single feed anticoagulant)
  > Place blocks on vertical rod inside top-load bait stations; 1–3 for mice & 1–5 for rats.

MODEL NO.	DESCRIPTION	PRICE
MVS-LIPH-510	Boothill Rodent Bait	$57.85
MVS-LIPH-520	Hombre Rodent Bait	68.97
MVS-LIPH-530	Fastdraw Rodent Bait	85.23
MVS-LIPH-570	Revolver Rodent Bait	71.80

NEW PRODUCTS

HOG HEARTH HEAT MATS

The Hog Hearth Heat Mat provides continuous antimicrobial surface protection form disease-causing microbes and bacteria. The antimicrobial additive lasts a lifetime eliminating stains, odors and surface deterioration.

- Reduce crate heating costs by up to 65%
- Fire rated 5VA enclosure
- Tough long lasting construction with medical grade plastic shell
- New non-slip, easy-clean surface
- Even and consistent heat–get the right amount of heat to your pigs at the right time
- Less crushing and lay-ons, leading to lower mortality rate
- Consistent improved weight per litter
- Safe operation– no shocks–no fires

MODEL NO.	DESCRIPTION	PRICE
INT-HH-CP-V1	Cord Protector	$12.20
INT-HH-HMC2	Heat Mat Controller	508.75
INT-HH-HMC2-S	Heat Mat Slave Unit	217.15
HOG HEARTH DOUBLE MAT *Designed to service two farrowing crates*		
INT-HH-135-120	24"x48" 4' Double Heat Mat 120v	230.80
INT-HH-180-120	24"x60" 5' Double Heat Mat 120V	318.50
HOG HEARTH SINGLE MAT		
INT-HH-75-120	14"x48" 4' Single Heat Mat 120V	184.60
INT-HH-90-120	14"x60" 5' Single Heat Mat 120V	220.50

**Connection placement on mats vary, please specify if top or bottom placement is needed.*

**Voltage also comes in 120, 208 or 240 volts.*

**Each control/slave unit will operate 13 double mats when wired with 120 volts.*

SDI NIPPLE BAR DRINKERS

SDI'S Nipple Bar is the practical solution for successfully weaning young piglets onto wet/dry feeders. The Nipple Bars are fitted with self-mounting quick attach clamps for securing to gating. After the pigs are started on wet/dry feed, the bars can be easily removed.

Available in different sizes-2 to 12 nipples per side on one side (single) or both (double).

Features

- SDI Piglet Nipples-Pre-installed (other brands available by request)
- Quick Attach Mounting Clamps: Works on 5/8" – 3/4" bar

SDI NIPPLE BAR HOLDERS

Ceiling -Mount Hangers (Set of 3)

(To hang bar when not in use)

CALL FOR PRICING

SDI STAINLESS CURTAIN POCKET

MODEL NO.	DESCRIPTION	PRICE PER PAIR
SDI-CPT84-01	Curtain Pocket 18" x 84" SS	$224.35
SDI-CPT66-01	Curtain Pocket 18" x 66" SS	179.50

AP CIRCULATION FANS

PART NUMBER	SIZE	PHASE	HP	SPEED	CORD	VOLTAGE	BLADES	GUARD	COLOR	MOUNT	PRICE
AIR-CF-24-1-0	24"	1	1/3	Variable	No	115/230	3	*See notation below	White	"L"	186.35
AIR-CF-36-1-0	36"	1	1/2	1	No	115/230	3	OSHA	White	"T"	321.75

*Non-OSHA guarded fans must be mounted over 7ft. Above ground.

PWA POLY BIN - 8' DIAMETER SERIES, ONE PIECE

Prairie Pride by PWAire

PWA Technologies has developed another line of the Futures Bin. This Poly Bin has everything you want in a bin:

- Visible Feed Level
- Swing Clear Lid & Opener
- Rugged polyethylene construction withstands the toughest handling and use
- 7 Year Warranty
- Corrosion resistant for an extra-long life
- Ultra-smooth Cone for reduced feed outages and feed separation
- Heavy duty galvanized Steel Ring and Support Stand
- Large 22" fill opening

MODEL	CAPACITY CU. FT.	BUSHELS	TONS (2000 LBS.)	FILL HT.	PRICE
PL-335	336	269	6.72	13'10"	$2884.40
PL-430	432	346	8.64	15'9"	3111.90
PL-530	528	422	10.56	17'8"	3327.20
PL-635	633	506	12.66	19'9"	3696.90

NEW PRODUCTS

AUTOVENT ROLL-UP CURTAIN SYSTEM

The Curtain Drive Motor System has a "Simplistic Design". It uses a 24 volt motors and no electrician is needed.

- Takes the work out of curtain ventilation
- Simplicity in design for straightforward functionality
- Motors connect directly to manual or thermostat control or optionally controlled directly by the new computerized system VentGenie
- Fifteen feet of wire on the motor with cord guide to keep wire from getting tangled or ruined
- Cord guide pre-mounted and wire threaded from the factory
- Safe 24 volt motors, no electrician needed simple installation for DIY

CLOVERDALE CARCASS GRINDER

Custom-built in sizes from285 cu. ft. to 1100 cu. ft.,twin augers

- AR 200 Auger Flight
- 5/8" standard upgrade to 3/4"
- 1/4" stainless steel liner
- 21" tungsten carbide auger knives
- Optional stainless steel side discharge conveyor Sizes Available: 3',4',6'
- Front door conveyors
  - Flat feed out one side or both sides
- C-55 chain
- Heavy duty PTO with shear pin
- Weightronix scale or Digi-Star
- Ladder with viewing platform
- Heavy duty jack

CLOVERDALE VERTICAL TMRS LLC
Built in Curtiss, Wisconsin

MODEL	285	350	420	500	600
Approx. Cubic Ft	285	350	410	455	505
Capacity W/12" Top	340	425	498	560	620
Height	96"	98"	98"	105"	105"
Approx. Length	15'4"	15'8"	18'3"	18'4"	18'6"
Width	91"	101"	108"	110"	115"
Approx. Weight in Lbs.	6,800	8,100	9,400	10,100	10,900

BIN MASTER FEEDVIEW FEED MANAGEMENT SOLUTION

BINMASTER

HOG FEED INVENTORY MANAGEMENT TRANSFORMED

FeedView® is a comprehensive feed management solution that combines wireless, battery-powered level sensors with a cloud-based, simple-to-use SaaS. Automatically measure bin levels, product consumption, record the use of medicated feeds, and know when to schedule deliveries .. anytime, anywhere with FeedView.

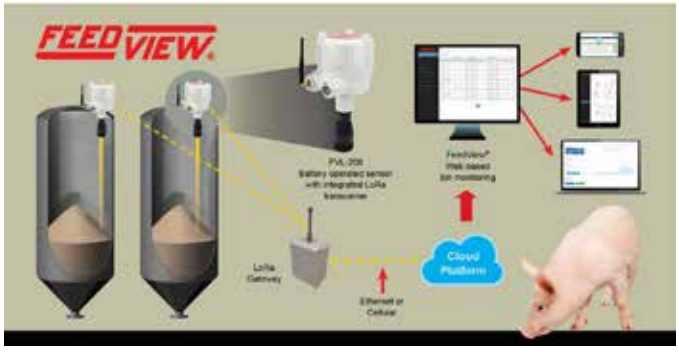
- FVL-200 FeedView Level Sensor
- 35 ft. maximum measurement,
- Wireless LoRa output
- Includes batteries.

**Must be used with the FeedView software.*

BATTERY-POWERED LASER

Mount and power level sensors on silos without the complexity or expense of wiring. This single point laser installs quickly through a 1.5" NPT connection n silos or in remote locations where inventory monitoring has not been feasible.

The FVL-200 measures livestock feed in silos up to 35 feet tall. Interval readings are taken from once per hour to once a day with a battery life of three to five years. The laser utilizes an integrated wireless LoRa long range transceiver to send data to a LoRa modem. Data from the FVL-200 is used exclusively with the FeedView application.



BREASY SLIDING BAFFLE FOR PIT FANS

BrEasy is a sliding baffle that focuses the pit fan's airflow to draw out the coldest and heaviest gases from right above the manure line. Simply use the visual pit indicator and raise the baffles with a cable turn system. BrEasy creates a healthier barn environment for people, pigs, and pits with a rapid ROI. An ISU study found that BrEasy: reduces in-barn amonia by 32%, odor by 43%. Additional trials found a substantial reduction in propane use.

BrEasy

- Creates a healthier environment for pit manure microbes
- Minimizes pit crusting—minimizes flies
- Reduces barn draft, improves air quality for operators and pigs
- Removes the coldest air right above the manure line, which reduces propane use throughout the colder months
- Reduces fuel output-reduces costs
- Improves pit fan's effectiveness without major modification
- Adds longevity with use of stainless steel brackets and railings
- Decreases corrosion since less ammonia is present in your barn

NEW PRODUCTS

JYGA TECHNOLOGIES GESTAL GROUP HOUSING FEED SYSTEM

Imitating an individual gestation crate, the Gestal 3G feeding stations need only minimal training time. Engineered for pork producers, by pork producers, our products are strongly built and reliable. The crate is heavy built and so simple that there is not much that can go wrong. All of our Gestal products are certified ip66 and Nema 4x (waterproof and extreme weather resistant).

- Easy to install and adapt to any building type or size (new or retrofit).
- Reliable wireless system, each unit is 100% autonomous.
- Simpler for sows to adapt than traditional ESF systems.
- Decreases competition and aggression over feed access.
- Offers pen design flexibility to optimize sow welfare for your specific project.
- Easy use of handheld tablets and automated reports to improve in-barn sow monitoring.
- Improve individual sow body condition management.
- Best price/quality ratio in the industry.
- Using two feed lines, the 3G is able to blend multiple diets according to each sow's prescribed needs.

FEED TUBE RETAINER

MODEL NO.	DESCRIPTION	PRICE
GM-P11-1071	Feed Tub Retainer	**$21.45**

H STRUT CONVERSION BRACKET

MODEL NO.	DESCRIPTION	PRICE
AERO-FH1945	Aerotech 48" Fan H-Strut Conversion Bracket	

THER-TH-III

MODEL NO.	DESCRIPTION	PRICE
THER-TH-III	THERMALARM	**$57.65**

ALPHABETICAL PRODUCT INDEX

Air Chute, Southwestern Sales WhaleCo. 97
Air Inlet Replacement Parts, Del-Air 89
Air Inlet, AP 94
Air Inlet, C2200 94
Air Inlet, Double L W400 94
Air Inlet, Double L Wall 94
Air Inlet, Multifan 94
Alarm, Agri Alert 83
Alarm, Agri Alert 128 83
Alternators, MTU-Onsite PTO 28
Anchor Bolts, Plated 54
Anchor Bolts, Stainless Steel 54
Animal Marker, Sprayolo™ 99
Animal Scale, Waypig® 500 81
AP Ventilation
Fan Parts, Direct Drive 95
Fan, Competitor Series 24" 95
Fan, Competitor Series 54" 95
Fans, Fiberglass Performer Series 95
Replacement Parts for Fiberglass Fans 95
Auger Anchors & Pinions, Choretime 43
Auger Motors, Lesson Direct Drive 28
Auger, Automatic Feed System, VAL-CO/Pax Flexible
Auger, Pax 2.25" 40
Auger, Pax 3" 40
Bearing & Anchor Assemblies, Flex Auger 41
Feed Drop, VAL-CO All-Out Drop Kit 41
Pinons 41
Plastic Transitions, Clear, Feed System 41
Bait Station, Top-Loading 103
Ball Valves, 7,250-lb 80
Bar Latch, Galvanized 9
Belts, Power Twist Plus V-Belt 28
Bifold Door, Eagen 9
Bin Lid, AP 35
Bins, 9' 6" Prairie Pride 42
Bins, Prairie Pride Poly 42
Bins, Schuld/Bushnell 45
Bite-Rite Tail Biting Chew Tool 101
Bolt, Gate Anchoring, Slot Lock 54
Boot Mats, Walk-Thru 100
Boots, Black Rubber 100
Boots, Disposable 100
Boot, Ape 100
Bracket & Pulley, Thru-Wall 23
Bracket, Around-the-Corner (w/o Pulley) 23
Bulb, Comfort Zone 20™ Heat Lamp 27, 57
Bulk Bins, VAL-CO 39
Butterfly Damper, J-Series 89
Cable 23
Cable Clamps 23
Cable Cutters 23
Cable Sleeves 23
Cap, Nylon Hex 77
Carcass Cart 99
Carcass Cart, Hog 99
Carcass Cart, Sow 99
Carcass Grinder 68
Ceiling Inlet, Top Jett 4200 94
Cell Phone Alarm Interface, Tellular 83
Chore & Feed Cart 101
Clamp, Right Angle 71
Clean-Out Door Kit, Flex-Flo 35
Clic Hangers 76
Closure Strips 7
Con-Korite Products
Epoxy, Armor-Rock 102
Mortar, Con-Korite Xtra 102
Resin, KB 25 Acrylic 102
Con-Korite Xtra Mortar 102
Conduit, Curtain 22
Cone Fan VPlus, Multifan Fiberglass 91, 92
Control, AP Edge 86
Control, Maximus 87
Control, TC Series 86
Controls, AP Expert 85
Controls, Kane 56
Controls, Stanfield 56
Conversion Kit, 25/16 Bin Bottom 39
Cooling, Cool Stock 4-Zone Control System 17
Coveralls, Disposable 100
Coving, Stainless Steel 47
Creep Divides, Delphi 50
Creep Divides, SDI Stainless Steel 50
Creep/Feed Mats, Double L Plastic Mat
w/ Feed Lip 101
Creep/Feed Mats, Dura-Mat 101
Cup Hooks / Screw Hooks 25
Cup Model, 33 70
Cup Model, 33CI 70
Curtain Attachment Materials
Batten Strips, Aluminum 24
Curtain Stand-Off Bracket 24
Curtain Thumb Nuts 24
Tie Clamps 24
Curtain Component Guide, 16" wide
for above curtain 24
Curtain Drop, Emergency 22
Curtain Drop, Power Drop™ Emergency 22
Curtain Machine Parts, "Henry" Roll-Style 20
Curtain Machine Parts, A.T. Newell 20
Curtain Machine, "Henry" Roll-Style 20
Curtain Machine, A.T. Newell Auto 20
Curtain Machines, Hired-Hand® PowerTrak™ 19
Curtain Material, Herculite 21
Curtain Material, Rodent Resistant 21
Curtain Pocket, Poly 22
Curtain Repair Materials 24
Curtain Retainer Materials 24
Curtain, 10-oz Frosty Clear Vinyl 22
Curtain, 13-oz Vinyl 22
Curtain, 18-oz Vinyl, White 22
Curtain, Insulated 7-Layer 22
Curtain, Super Polylite® 22
Deck Screw 8
Del-Air Heat Exchanger Parts 88
Digital Scale, Waypig® 81
Disinfectant, Synergize 100
Disinfectant, Tek-Trol Spray 100
Disinfectant, Virkon 100
Doda USA AFI Horizontal PTO
Chopper Pump 66
Door Latches, Stainless Steel 9
Door, Eagen Bi-Fold 9
Door, Soffit Snow Door, EPS 14
Door, Stainless Steel Sliding Soffit 14
Doors, Hired-Hand® Rollseal Doors 9
Doors, Plyco Insulated Utility
98 Series Rugged Duty 12
99 Series 12
99 Series Panel Only 12
Doors, Thorpe Stainless Steel 14
Drinkers & Parts, Ritchie 73
Drip & Spray Cooling System, Edstrom 17
Dry Wean-to-Finish Max Feeder Series 31
Ductile Wedge 53
Dust Masks 100
Ear Plugs, Economical 101
Economy Circulation Fan, Barnstormer 93
Epoxy, Armorcoat Base 102
Ergofix Anchor 49
Evaporative Cooling System Components -
Closed Top, AP
Base Kits, 6" 16
Distribution System, 6" 16
Pad Retainers 16
Pads, Evaporative Cooling 16
Pumps, Evaporative Cooling 16
Self-Contained System 16
Evaporative Cooling System Components -
Open Top, AP
Base Kits, 6" Stainless Steel 16
Open Top Pad Options 16
Open Top Recirculation - Stainless Steel 16
Exhaust Fan, Mega Torque 93
Fan Blades, Northwind & J-Series 89
Fan Covers 97
Fan Motor, Lesson Variable Speed 28
Fan Motors, Marathon 28
Fan, Multifan Fiberglass Cone Fan Line 91
Fan, The Chiller™ 36" Circulation 93
Fans, Hired-Hand Mega Flow (Econoflow) 93
Farrowing Crate Drinker Pipe,
41" SS Hi/Low 70
Farrowing Crate, MLS Hybrid 51
Farrowing Crates, Durebol Flip-Bar Crate 51
Farrowing Flooring, Value Ductile
Cast Sow Slat 47
Fastening Screw, Sharp Point 8, 76
Feed Bin, 9' 6" Prairie Pride 42
Feed Drop, AP Ultra Drop 44
Feed Drop, VAL-CO Volumetric Drop 39
Feed Scoops 99
Feed Sensor, Smart IR 38, 43
Feed System Components & Parts, AP-Flex-Flo
3" Standard System (Model 300) 36
3" System for Pelleted Feed (Anchor/Bearing) . . . 36
Feed System Control, Halo 43
Feed Weighing System, Bintrac™ 44, 81
Feeder Post, Flip-to-Clean 38
Feeder, Osborne® Big Wheel® 38
Feeder, SDI Lactating Sow Ad Lib 31
Feeders, Farmweld®
Feeders, Jumbo Wean-to-Finish 32
Feeders, Nursery 32
Feeders, Lactation 32
Feeders, SDI Stainless Steel Hog
Finish Double 31
Nursery Double 31
Nursery Single 31
Wean-to-Finish 31
Feet, Replacement Stainless Steel Loop 51
Fence Trough with Gate 73
Filter Cartridges, Replacement 73
Fixture, Orion Apollo Vaportight
Narrow Body - VTON1 25
Fixture, Orion Apollo Vaportight
Narrow Body - WTLED2 25
Flat Washers, Stainless Steel 54
Flex Motors Parts & Options 92
Flo-Rite Bottom-Mount Agitator 43
Float & Indicator Assembly, Better-Bilt 66
Floor Coating, ARMORCOAT 102
Flooring System, Farmweld 48
Flooring, Boss Hog Woven Wire 49
Flooring, MLS Tri-Floor All Metal 49
Flooring, Southwest Agri Plastics Dura-Tuff®
Fiberglass Floor Support System 47
Interlock Ductile Cast 47
Plastic Nursery Flooring 47
Flow Hammer 35
Gating & Stalls, Durebol
Finger-Bar Crate 52
Gating, Finisher 52
Gating, Gestation & Breeding 52
Gating, Nursery Bar 52
Stalls 52
Gauges, Glycerine-Filled 80
Gauges, Pressure 75

ALPHABETICAL PRODUCT INDEX

Generators, MTU-Onsite....28
Gestation Drinker Pipes, SDI....71
Greenlite Agricultural Lighting....26
Gun Extensions With Insulated Grip....80
Hanging Waterer, Monoflo....70
Heat Lamp, Retroliter®....26, 56
Heat Lamps, Bulbs & Accessories....57
Heat Lamps, Bulbs & Accessories Microzone....27
Heat Mats, Kane....56
Heat Mats, Stanfield®....56
Heater Parts, AP Purafire....62
Heater Parts, Heat-Mate....57
Heater Repair Parts, Hired-Hand....58
Heater Repair Parts, L.B. White Heaters (HSI), Hot Surface Ignition....60
Heaters, AP Variflame....62
Heaters, Hired-Hand®
Accessory Kit....58
Super Saver XL Inside-Mount....58
Super Saver XL Outside-Mount....58
Heater, Spark Ignition LBW....59
Heaters, Indoor/Outdoor Surface Ignition LBW....59
Heaters, Pilot Ignition LBW....59
Heaters, Guardian Accessories LBW....59
Heaters, Pilot LBW....59
Heaters, LB White Smart Sense....61
Heaters, AP VariFlame....62
Herdstar Micro Zone....27, 61
Hex Netting, PVC-Coated....23
Hired Hand Curtain Machine Control....21
Hog Feeders, Sioux Steel®....45
Hopper Extension & Feed Drop Guard, Crystal Spring Maximum Capacity High-Pile....34
Hose Assembly....80
Hose Attachment, Female Socket/Female Thread....80
Hose Attachment, Female Socket/Male Thread....80
Hose Attachment, Male Plugs/Female Thread....80
Hose Attachment, Male Plugs/Male Thread....80
Hose Clamps, Stainless Steel....76
Hoses....73
Hygro-Thermometer, Digital Hi-Lo....97
Ignition Parts, L.B. White Spark....60
Incandescent Bulbs, Halco®....26
Incinerator Parts, Burn-Easy....68
Incinerator, VAL-CO Burn Mizer™....68
Infrared Heaters, SBM
Heaters, Farrowing....57
Heaters, Nursery....57
Jar Light....26
J-Bolts, Stainless Steel....54
Jet Pump System....15
Lamps, Spiral Screw-In....26
Latch, Barn Door....9
LED Utility Light, Q-Lux New Construction....27
LED Utility Light, Q-LUX Retrofit....27
Litter Scale, Waypig®....81
Medicator, Chemilizer....75
Medicators, Dosatron....75
Meridian Feed Storage....45
Metal Repair and Protection
Rust Converter, VSC....103
Seam Tape, VSC....103
Urethane Metal Coating, V-Thane....103
Mini Hopper Pan Feeder....99
Miscellaneous Parts, Northwind....89
Mix Mill Products
CX Screens....43
D Screens....43
Hammers....43
Hub & Hammer Sets....43
Molding, White Aluminum....8
Molding, White Vinyl....9
Motor Replacement Cord....28
Motor-Mount Screens, J-Series....89
Motors, Lesson Farm Duty....28
Multifan Systems
Fans, Multifan 36" and 50"....90
Fans, Multifan System 1 Q....90
Fans, Multifan System 4....90
Ground Transition Housing....90
Multifan Exhaust Fans without Intake Grill....90
Old Style Replacement Fans....90
Parts, Multifan 36" and 50"....90
Parts, Multifan System 1 Q....90
Shutters, Multifan System 1 Q....90
Shutters, Multifan System 4....90
Nails, Stainless Steel....8
Nipple, Bekalö....74
Nipple, Spiglet Model 97....74
Nipple, Trojan Model 75....74
Nipples, Crystal Spring....34
Nipples, Edstrom....74
Nipples, Lixit....74
Nipples, Model 65 Wet Feeder....74
Nipples, Monoflo....74
Nipples, Stingy....74
Nitrile Gloves, Handarmor Black....100
Nozzle, Soaping....80
Nozzle, Spray....80
Nozzles, Dirt Killer Rotary....80
Repair Kits....80
Nursery Floor, Double L Group Exelerator....48
Nursery Floor, Double L Group Premier....48
Nuts & Washers for J- & T-Bolts, Nylock....54
One Step Screw....8
Open-Top System, Komfort Kooler....16
Pan Feeder, Mini Hopper....38
Panel, Laminated....10
Phason Controls
AEC-2 Control....84
Fan & Heater Control....84
Manual Speed Control MSC-4....84
Modulating Temp Control....84
PEC-Plus Control....84
SEC-HD Control....84
Supra Control....84
TVS Control....84
Variable-Speed Fan Control....84
Pipe Fittings, Schedule 40 PVC
1 1/2" Fittings....77
1" Fittings....77
1/2" Fittings....77
2" Fittings....77
3/4" Fittings....77
Pipe Hanger, PVC....76
Pipe Hanger, Stainless Steel....76
Pipe Suspension, 2-Hole Plastic Strap....77
Pipe Suspension, 2-Hole Steel Strap....77
Pipe Suspension, Loop....76
Pipe Suspension, Sammy Super Screw....76
Pipe, Schedule 40 PVC....77
Pit Plugs....67
Pit Plugs, "Burpable"....67
Pit Scraper Drive Unit....67
Pit Scraper Pulleys....67
Pit Treatment, Pit-Boss....67
Planking, PVC....10
Plastic Liner Panel, Corrugated....7
Plastic Sheeting & Rolls, White....10
Plumbing Accessories
Pipe, Black Water or Gas....76
Pipe, Galvanized....76
Pipe, High Pressure 3,000 lb Black....76
Plumbing Kit Components....72
Portable Bins, Prairie Pride....42
Posts, Steel....51
Power Head Drop Sensor With Time Delay, E-Z Systems....44
Power Washer Parts, Electric....79
Power Washer Parts, Gas....79
Pulley With Eye Bolt, Cast-Iron....23
Pulley, Stainless Steel....23
Pulleys Split Bracket, Galvanized Steel....23
Pulleys, Nylon....23
Pump Replacement Parts, Booster Signature 2000....79
Replacement Parts....79
Pump, Wash-Down Booster....79
PVC Ball Valves....77
PVC Bushings....77
PVC Pipe Cutter....77
PVC Shutters, Hired Hand....93
PVC Tees....77
R-Adjust....32
Radient Heater, Infraconic®....61
Rainsuit....99
Rattle Cup, Kane....99
Receptacles, Duplex....26
Receptacles, Single....26
Regulator, High Pressure....72
Regulator, Maxiflo Pressure....72
Repair Parts, Hired-Hand PowerTrak....19
Replacement Parts, Hurricane
Complete Blades....89
H48 Parts....89
Replacement Motors With Capacitors....89
Replacement Parts, J-Series....89
Replacement Parts, Northwind
Butterfly Damper....89
Capacitors....89
Hubs & Retainers....89
Motor Kits....89
Replacement Pipes for Crystal Springs Feed....70
Replacement Pumps, Cool Cell....17
Ridge Vent, 9" Throat....12
Ridge Vent, Low-Profile....12
Rivets, White Nylon....8
Rocker T-Bolt....53
Rodent Bait....103
Rodent Control....103
Rotary Nozzles, Spraymart....80
S-Hook, Zinc-Plated....54
Scale Indicator, Model 640 & 640XL....44
Scale Indicator, Model 640M....44
Scale, Waypig® 300....81
Scraper, Stainless Steel....101
Screw, Stainless Steel Pan-Head....54
Screw, Stainless Steel Sheet-Metal Slotted Hex Washer-Head....54
Screws, Stainless Steel Self-Drilling Hex....54
Sensaphone® 400, 800 & 1800....83
Sensor for Sensaphone....83
Sheet Plastic, White....10
Shutter System, Hired-Hand Rollseal Automatic....93
Slap Paddles....99
Slat Savers....38, 101
Smart Sense Heaters, L.B. White....61
Soap Injector With Quick Couplers....80
Soffit Door, Stainless Steel Sliding....15
Solids Buster....67
Sort Paddle, Super....99
Sort Panels, Kane....99

ALPHABETICAL PRODUCT INDEX

Sow Feeding System, AP Schauer Electronic 30
Sow Soap..... 101
Specialty Bolts, Ergofix..... 53
Specialty Bolts, Rocker T-Bolt..... 53
Steel Panel Accessories 7
Steel Panel, Ribbed..... 7
Suction Hose Assembly, Better-Bilt..... 66
Surge Protector, VAL-CO Raydot..... 101
Swine Cooling System, Cool Stock
Cooling Components 17
Cooling, Universal Control & Add-On Kits 17
Switch Covers, PVC Toggle 26
Switches..... 27
T-Bolts, Stainless Steel 54
Thermometer, Digital Hi-Lo 97
Thermometer, Gun-Style Infrared..... 97
Thermometer, Manual Hi-Lo 97
Thermometer, Wall 97
Thermostat, Corrosion-Resistant 92
Thermostat, Curtain Machine 19
Thermostats, Multifan Heat/Cool..... 92
Threaded Rod, Stainless Steel & Plated..... 54
Timers 24 Hour, Intermatic..... 97
Tub-O-Towels..... 103
U-Bolts, Stainless Steel 54
Ultimate SS Vacuum Valve..... 72
Unloader Valves..... 80
Vac Valve, Koca Aquamaster..... 72
Vacuum Pump, Better-Bilt CM-10 & M-10..... 65
Vacuum Pump, Better-Bilt®..... 64
Vacuum Tank, Balzer 63
Valve-Coupler & Deflector Assembly 66
Variable-Speed Control, Quantem..... 83
Ventilation Controllers, Hired-Hand®
Evolution 1200 Controller 87
Power Curtain Controller..... 87
SC5V2 Swine Finisher Control..... 87
Ventilation Controls, Del-Air
Del-Air Rapid Control System..... 88
Del-Air SR-240i Ventilation Control..... 88
Del-Air SR-242 Control 88
Del-Air Systems Controls 88
Vents, Plyco Insulated Wall 12
Washer Guns 80
Washer, Blue Thunder Power 79
Washer, Stainless Steel Square 54
Washers, Cold Water Pressure
Gasoline Engine Models 79
Water Brackets, Galvanized Adjustable 70
Water Brackets, Stainless Steel 70
Water Brackets, Trojan Swinging..... 70
Water Cup Drinkers, DSI..... 71
Water Cups, Stainless Steel..... 71
Water Filters 73
Water Level Regulator, Rotecna..... 72
Water Meter, Badger 75
Water Meter, Hired Hand 75
Water Pressure Reducer, Brass 75
Water Pumps, Stenner Peristaltic..... 75
Water Spigot, Boiler Drains 76
Waterer, Thorpe..... 73
Weights, Curtain 24
Wet/Dry Feeder, Crystal Spring Extended .....
Height 34
Winches, Heavy-Duty..... 19

CATEGORY PRODUCT INDEX

BUILDING PRODUCTS 5-14

Steel Panel, Ribbed 7
Closure Strips 7
Steel Panel Accessories 7
Plastic Liner Panel, Corrugated 7
One Step Screw 8
Nails, Stainless Steel 8
Fastening Screw, Sharp Point 8
Rivets, White Nylon 8
Molding, White Aluminum 8
Deck Screw 8
Doors, Hired-Hand® Rollseal
  Model RS-400 Door 9
  Model RS-300 Door 9
Bifold Door, Eagen 9
Latch, Barn Door 9
Door Latches, Stainless Steel 9
Bar Latch, Galvanized 9
Molding, White Vinyl 9
Sheet Plastic, White 10
Plastic Sheeting & Rolls, White 10
Planking, PVC 10
Panel, Laminated 10
Doors, Thorpe Stainless Steel 14
Vents, Plyco Insulated Wall 12
Ridge Vent, Low-Profile 12
Doors, Plyco Insulated Utility
  99 Series 12
  99 Series Panel Only 12
  98 Series Rugged Duty 12
Ridge Vent, 9" Throat 12
Door, Soffit Snow Door, EPS 14
Door, Stainless Steel Sliding Soffit 15

COOLING SYSTEMS 15-17

Open-Top System, Komfort Kooler 15
Evaporative Cooling System Components - Open Top, AP
  Open Top Pad Options 16
  Base Kits, 6" Stainless Steel 16
  Base Kits, 6" Closed Top 16
Open Top Recirculation - Stainless Steel 16
Evaporative Cooling System Components - Closed Top, AP
  Base Kits, 6" 16
  Pumps, Evaporative Cooling 16
  Pads, Evaporative Cooling w/ Edge Guard 16
  Pad Retainers 16
  Distribution System, 6" 16
  Self-Contained System 16
Jet Pump System 15
Swine Cooling System, Cool Stock
  Cooling, Cool Stock Universal Control & Quad Control 17
  Cooling Components, Cool Stock 17
Cooling, Cool Stock 4-Zone Control System 17
Replacement Pumps, Cool Cell 17
Drip & Spray Cooling System, Edstrom 17

CURTAIN SYSTEMS 18-24

Curtain Machines

Curtain Controller Airstream 19
Curtain Machines, Hired-Hand® PowerTrak™ 19
Repair Parts, Hired-Hand PowerTrak 19
Thermostat, Curtain Machine 19
Thermostat, Plastic 19
Curtain Machine Parts, A.T. Newell 20
Curtain Machine, "Henry" Roll-Style 20
Curtain Machine Parts, "Henry" Roll-Style 20
Curtain Machine Control, Hire a Hand 20
Curtain System, Autovent Roll-Up 20
Hired Hand Curtain Machine Control 20

Curtains & Accessories

Winches, Heavy-Duty 19
Curtain Material, Herculite 21
Curtain Material, Rodent Resistant 21
Curtain, Super Polylite® 22
Curtain, Insulated 7-Layer 22
Curtain, 18-oz Vinyl, White 22
Curtain, 13-oz Vinyl 22
Curtain, 10-oz Frosty Clear Vinyl 22
Curtain Pocket, Poly 22
Curtain Pocket, SDI Stainless 22
Curtain Drop, Emergency 22
Curtain Drop, Power Drop™ Emergency 22
Weights, Curtain 24
Conduit, Curtain 22
Cable 23
Cable Clamps 23
Cable Sleeves 23
Pulleys Split Bracket, Galvanized Steel 23
Cable Cutters 23
Pulleys, Nylon 23
Bracket & Pulley, Thru-Wall 23
Pulley With Eye Bolt, Cast-Iron 23
Bracket, Around-the-Corner (w/o Pulley) 23
Pulley, Stainless Steel 23
Hex Netting, PVC-Coated 23
Cup Hooks / Screw Hooks 24
Curtain Repair Materials 24
Curtain Retainer Materials 24
Curtain Attachment Materials
  Batten Strips, Aluminum 24
  Curtain Thumb Nuts 24
  Tie Clamps 24
  Curtain Stand-Off Bracket 24
Panel, Aluminum Curtain 24
Curtain Component Guide, 16" wide for above curtain 24

ELECTRICAL & MOTORS 25-28

Orion Lighting Fixtures

Fixture, Apollo Vaportight Narrow Body - VTON1 25
Fixture, Apollo Vaportight Narrow Body - WTLED2 25

Electrical Supplies

Switch Covers, PVC Toggle 26
Switches 26
Receptacles, Duplex 26
Receptacles, Single 26

Lighting

Heat Lamp, Retroliter® 26
Incandescent Bulbs, Halco® 26
Lamps, Spiral Screw-In 26
Bulb, Replacement SATCO 26
Glass Globe 26
Greenlite Agricultural Lighting 26
LED Utility Light, Q-LUX Retrofit 27
LED Utility Light, Q-Lux New Construction 27
Bulb, Comfort Zone 20™ Heat Lamp 27
Herdstar Micro Zone 27
Heat Lamps, Bulbs & Accessories Microzone . . . 27
Wire 27

Motors

Fan Motor, Lesson Variable Speed 28
Auger Motors, Lesson Direct Drive 28
Motors, Lesson Farm Duty 28
Motor Replacement Cord 28
Fan Motors, Marathon 28
Alternators, MTU-Onsite PTO 28
Generators, MTU-Onsite 28
Belts, Power Twist Plus V-Belt 28

FEEDERS & FEED SYSTEMS 29-46

Feeders

Sow Feeding System, AP Schauer Electronic . . . 30
Gestal Group Housing System 30
Feeder, SDI Lactating Sow Ad Lib 31
Dry Wean-to-Finish Max Feeder Series 31
Feeders, SDI Stainless Steel Hog
  Nursery Single 31
  Nursery Double 31
  Finish Double 31
  Wean-to-Finish 31
Feeders, Farmweld®
  Feeders, Jumbo Wean-to-Finish 32
  Feeders, Nursery 32
R-Adjust 32
Feeders, Crystal Spring 34
Hopper Extension & Feed Drop Guard, Maximum Capacity High-Pile 34
Wet/Dry Feeder, Extended Height Crystal Spring 34
Feed Tube Retainer 34
Elbows & Brackets 34
Nipples, Crystal Spring 34
Water Lines, Crystal Springs Replacement . . . 34, 70
AP Feed Tanks 35
AP Bin Lid 35
Flow Hammer 35
Flex-Flo Clean-Out Door Kit 35

Feeding System Components Automated Production

FLX 220, FLX 300 36
Flex Auger Parts Automated Production 37
Chain Disk Parts Automated Production 38
Feed Sensor Smart IR 38
Slat Saver 38

Feeders

Big Wheel 38
Flip to Clean 38
Mini Hopper 38
Valco Bulk Storage Bins 40* Roofs 39
Bin Bottom 25/16 39
Valco Volumetric Drop 39
Way-Back Lid 39

Feed System Components Valco/Pax

Flexible Auger 2.25", 3" 41
Valco Flexible Auger Feed System 41
Transitions 41
Bearings & Anchors 41
Pinions 41
Feed Drop Kit-All Out 41
Flex Auger 41
Feed Storage, Prairie Pride 42
Poly Bins, 9'6" Bin, Portable, PWA Poly Bin 42

Feed System Accessories

Mix Mill Products 43
Screens CX, D 43
Hammers, Hub & Hammer Sets 43
Feed Sensor Smart IR 43
Feed System Halo Control 43
Choretime Anchors & Pinions 43
Flo-Rite Agitator 43
Chain, Tube Clamp 44
Indicators 44
Models 640, 640M, 640XL 44
BinTrac Feed Weighing 44
Drop, E-Z Power Head 44
Drop, AP Ultra 44

Feed Storage Bins

Schuld/Bushnell 45
Sioux Steel 45
Meridian 45

CATEGORY PRODUCT INDEX

FLOORING 46-49

Flooring, Southwest Agri Plastics Dura-Tuff®
Interlock Ductile Cast 47
Plastic Nursery Flooring 47
Fiberglass Floor Support System 47
Coving, Stainless Steel 47
Nursery Floor, Double L Group Exelerator 48
Nursery Floor, Double L Group Premier 48
Flooring System, Farmweld 48
Woven Wire Creep Decks 48
Flooring, MLS Tri-Floor All Metal 49
Specialty Bolts for Anchoring
Ergofix 49
Rocker T-Bolt 49
Flooring, Boss Hog Woven Wire 49
Farrowing Flooring, Value Ductile
Cast Sow Slat 49

GATING & STALLS 50-52

Feet, Replacement Stainless Steel Loop 51
Posts, Steel 51
Farrowing Crate, MLS Hybrid 51
Dureboj Farrowing Crate 51
Creep Divides, Delphi 50
Creep Divides, SDI Stainless Steel 50
Farrowing Crates, Durebol
Flip-Bar Crate 51
Gating & Stalls, Durebol
Gating, Finisher 52
Stalls 52
Gating, Gestation & Breeding 52
Gating, Nursery Bar 52
Finger-Bar Crate 52

HARDWARE 53-54

Ductile Wedge 53
Rocker T-Bolt 53
T-Bolt 53
Ergofix Anchor 53
Anchor Bolts, Stainless Steel 54
Anchor Bolts, Plated 54
T-Bolts, Stainless Steel 54
J-Bolts, Stainless Steel 54
U-Bolts, Stainless Steel 54
Nuts & Washers for J- & T-Bolts, Nylock 54
Flat Washers, Stainless Steel 54
Threaded Rod, Stainless Steel & Plated 54
Screws, Stainless Steel Self-Drilling Hex 54
Screw, Stainless Steel Sheet-Metal
Slotted Hex Washer-Head 54
Screw, Stainless Steel Pan-Head 54
Bolt, Gate Anchoring, Slot Lock 54
Washer, Stainless Steel Square 54
S-Hook, Zinc-Plated 54

HEATERS & PARTS 55-62

Heat Lamp, Retroliter® 56
Hog Hearth Heat Mat 56
Heat Mats, Stanfield® 56
Heat Mats, Kane 56
Heat Lamps, Bulbs & Accessories 57
Bulb, Comfort Zone 20™ Heat Lamp 57
Controls, Stanfield 56
Controls, Kane 56
Infrared Heaters, SBM
Heaters, Nursery 57
Heaters, Farrowing 57
Heater Parts, Heat-Mate 57
Heaters, Hired-Hand®
Super Saver XL Outside-Mount 58
Super Saver XL Inside-Mount 58
Accessory Kit 58
Heater Repair Parts, Hired-Hand 58
Heaters, L.B. White®
Heaters, Pilot Ignition 59
Heater, Spark Ignition 59
Heaters, Indoor/Outdoor Hot
Heaters, Surface Ignition 59
Heaters, Guardian Accessories 59
Heaters, Pilot 59
Heater Repair Parts, L.B. White
Heaters (HSI), Hot Surface Ignition 60
L.B. White Spark Ignition Parts 60
Smart Sense Heaters, L.B. White 61
Radient Heater, Infraconic® 61
Herdstar Micro Zone 61
Heater Parts, AP Purafire 62
Heaters, AP Variflame 62

MANURE HANDLING 63-67

Vacuum Tank, Balzer 63
Vacuum Pump, Better-Bilt® 64
Vacuum Pump, Better-Bilt CM-10 & M-10 65
Suction Hose Assembly, Better-Bilt 66
Float & Indicator Assembly, Better-Bilt 66
Valve-Coupler & Deflector Assembly 66
Doda USA AFI Horizontal PTO
Chopper Pump 66
Pit Plugs 67
Pit Plugs, "Burpable" 67
Pit Treatment, Pit-Boss 67
Solids Buster 67
Pit Scraper Drive Unit 67
Pit Scraper Pulleys 67

MORTALITY MANAGEMENT 68

Carcass Grinder 68
Incinerator, VAL-CO Burn Mizer™ 68
Incinerator Parts, Burn-Easy 68

PLUMBING & WATER SYSTEMS . . . 69-77

Drinkers & Filters

Cup Model, 33 70
Cup Model, 33CI 70
Water Brackets, Galvanized Adjustable 70
Water Brackets, Stainless Steel 70
Replacement Pipes 70
Hanging Waterer, Monoflo 70
Water Brackets, Trojan Swinging 70
Farrowing Crate Drinker Pipe,
41" SS Hi/Low 70
Water Lines, Replacement or Crystal Springs . . . 70
Water Cups, Stainless Steel 71
Water Cup Drinkers, DSI 71
Gestation Drinker Pipes, SDI 71
Clamp, Right Angle 71
SDI Nipple Bar 71
SDI Nipple Bar Holders & Hangers 71
Ultimate SS Vacuum Valve 72
Vac Valve, Koca Aquamaster 72
Water Level Regulator, Rotecna 72
Regulator, High Pressure 72
Regulator, Maxiflo Pressure 72
Plumbing Kit Components 72
Drinkers & Parts, Ritchie 73
Water Filters 73
Hoses 73
Fence Trough with Gate 73
Filter Cartridges, Replacement 73
Waterer, Thorpe 73

Nipple Waterers

Nipples, Monoflo 74
Nipples, Stingy 74
Nipples, Edstrom 74
Nipples, Lixit 74
Nipple, Spiglet Model 97 74
Nipple, Trojan Model 75 74
Nipples, Model 65 Wet Feeder 74
Nipple, Bekalo 74

Medicators, Filters & Meters

Medicator, Chemilizer 75
Medicators, Dosatron 75
Water Pressure Reducer, Brass 75
Water Pumps, Stenner Peristaltic 75
Gauges, Pressure 75
Water Meter, Badger 75
Water Meter, Hired Hand 75

Plumbing Products

Hose Clamps, Stainless Steel 76
Pipe Suspension, Sammy Super Screw 76
Pipe Hanger, PVC 76
Pipe Hanger, Stainless Steel 76
Pipe Suspension, Loop 76
Fastening Screws, Sharp Point 76
Clic Hangers 76
Water Spigot, Boiler Drains 76

Plumbing Accessories

Pipe, Black Water or Gas 76
Pipe, High Pressure 3,000 lb Black 76
Pipe, Galvanized 76
Pipe Suspension, 2-Hole Plastic Strap 77
PVC Bushings 77
PVC Ball Valves 77
Pipe Suspension, 2-Hole Steel Strap 77
PVC Tees 77
PVC Pipe Cutter 77
Pipe, Schedule 40 PVC 77
Pipe Fittings, Schedule 40 PVC
1/2" Fittings 77
3/4" Fittings 77
1" Fittings 77
1 1/2" Fittings 77
2" Fittings 77

POWER WASHERS & PARTS 78-80

Power Washers

Washers, Cold Water Pressure
Gasoline Engine Models 79
Electric Motor Models, Blue Thunder 79
Pump, Wash-Down Booster 79
Pump, Signature 2000 Booster
Replacement Parts 79

Power Washer Parts

Power Washer Parts, Gas 79
Power Washer Parts, Electric 79
Hose Attachment,
Female Socket/Male Thread 80
Hose Attachment,
Female Socket/Female Thread 80
Ball Valves, 7,250-lb 80
Unloader Valves 80
Gauges, Glycerine-Filled 80
Nozzle, Spray 80
Gun Extensions With Insulated Grip 80
Washer Guns 80
Rotary Nozzles, Spraymart 80
Hose Attachment, Male Plugs/Male Thread 80
Hose Attachment,
Male Plugs/Female Thread 80
Soap Injector With Quick Couplers 80
Nozzle, Soaping 80
Hose Assembly 80
Nozzles, Dirt Killer Rotary 80
Repair Kits 80

CATEGORY PRODUCT INDEX

SCALES 81

Feed Weighing System, BinTrac 81
Scale, Waypig® 300 81
Digital Scale, Waypig® 81
Litter Scale, Waypig® 81
Animal Scale, Waypig® 500 81
Scale, Pro-Sort 81

VENTILATION & ALARMS 82-97

Alarms

Sensaphone® 400, 800 & 1800 83
Sensor for Sensaphone 83
Cell Phone Alarm Interface, Tellular 83
Alarm, Agri Alert 83
Alarm, Agri Alert 128 83
Thermalarm THER-TH-III 83

Ventilation Controls

Variable-Speed Control, Quantem 83
Phason Controls
- Supra Control 84
- AEC-2 Control 84
- TVS Control 84
- Fan & Heater Control 84
- Variable-Speed Fan Control 84
- Manual Speed Control MSC-4 84
- Modulating Temp Control 84
- PEC-Plus Control 84
- SEC-HD Control 84

Controls, AP Expert 85
Control, AP Edge 86
Control, TC Series 86
Ventilation Controllers, Hired-Hand®
- Power Curtain Controller 87
- Evolution 1200 Controller 87
- SC5V2 Swine Finisher Control 87

Controls, Maximus 87
Ventilation Controls, Del-Air
- Del-Air SR-240i Ventilation Control 88
- Del-Air SR-242 Control 88
- Del-Air Systems Control Parts 88
- Del-Air Rapid Control System 88

Del-Air Heat Exchanger Parts 88

Ventilation Fans & Parts

Fan Blades, Northwind & J-Series 89
Replacement Parts, Hurricane
- Complete Blades 89
- Replacement Motors With Capacitors 89
- H48 Parts 89

Air Inlet Replacement Parts, Del-Air 89
Butterfly Damper, J-Series 89
Replacement Parts, J-Series 89
Motor-Mount Screens, J-Series 89
Replacement Parts, Northwind
- Motor Kits 89
- Butterfly Damper 89
- Hubs & Retainers 89
- Capacitors 89

Miscellaneous Parts, Northwind 89
Multifan Systems
- Fans, Multifan System 4 91
- Shutters, Multifan System 4 91
- Fans, Multifan 36" and 50" 91
- Parts, Multifan 36" and 50" 91
- Ground Transition Housing 91
- Fans, Multifan System 1 Q 91
- Shutters, Multifan System 1 Q 91
- Parts, Multifan System 1 Q 91
- Multifan Exhaust Fans without Intake Grill 91
- Old Style Replacement Fans 91

Fan, Multifan Fiberglass Cone Fan Line 91
Thermostats, Multifan Heat/Cool 92
Thermostat, Corrosion-Resistant 92
Air Chute, Southwestern Sales WhaleCo 97
Flex Motors Parts & Options 92
Cone Fan VPlus, Multifan Fiberglass 92
The Chiller 93
Barnstormer 93
Exhaust Fan, Mega Torque 93
Fans, Hired-Hand Mega Flow (Econoflow) 93
PVC Shutters, Hired Hand 93
Shutter System, Hired-Hand
- Rollseal Automatic & Parts 93

Fan, The Chiller™ 36" Circulation 93
Fan, Barnstormer 36" Economy Circulation 93

Ventilation Inlets

Circulation Fans 94, 104
Air Inlet, Multifan 94
Air Inlet, C2200 94
Wall Inlet, Double L 94
Air Inlet, Double L W400 94
Ceiling Inlet, Top Jett 4200 94
Air Inlet, AP 94
BrEasy Sliding Baffle 94

Ventilation Accessories

AP Ventilation
- Fan, Competitor Series 24" 95
- Fan, Competitor Series 54" 95
- Replacement Parts for Fiberglass Fans 95
- Fan Parts, Direct Drive 95
- Fans, Fiberglass Performer Series 95

Fan Motors, Cones, Blades, Parts 96
Timers 24 Hour, Intermatic 97
Fan Covers 97
Thermometer, Digital Hi-Lo 97
Thermometer, Wall 97
Thermometer, Manual Hi-Lo 97
Hygro-Thermometer, Digital Hi-Lo 97
Thermometer, Gun-Style Infrared 97
H-Strut Conversion Bracket 97

MISCELLANEOUS PRODUCTS . . . 98-103

Sort Panels, Kane 99
Sort Paddle, Super 99
Slap Paddles 99
Rattle Cup, Kane 99
Mini Hopper Pan Feeder 99
Feed Scoops 99
Animal Marker, Sprayolo™ 99
Carcass Cart, Hog 99
Carcass Cart, Sow 99
Carcass Cart 99

Disinfecting & Biosecurity Aids

Rainsuit 99
Boots, Disposable 100
Coveralls, Disposable 100
Boot, Ape 100
Boot Mats, Walk-Thru 100
Boots, Black Rubber 100
Nitrile Gloves, Handarmor Black 100
Disinfectant, Virkon 100
Disinfectant, Tek-Trol Spray 100
Disinfectant, Synergize 100
Dust Masks 100
Creep/Feed Mats, Double L Plastic Mat
- w/ Feed Lip 101

Creep/Feed Mats, Dura-Mat 101
Surge Protector, VAL-CO Raydot 25,101
Scraper, Stainless Steel, Poly 101
Chore & Feed Cart 101
Ear Plugs, Economical 101
Slat Savers 101
Bite-Rite Tail Biting Chew Tool 101
Sow Soap 101
Con-Korite Products
- Mortar, Con-Korite Xtra 102
- Epoxy, Armor-Rock 102
- Resin, KB 25 Acrylic 102

Floor Coating, ARMORCOAT 102
Metal Repair and Protection
- Urethane Metal Coating, V-Thane 103
- Rust Converter, VSC 103
- Seam Tape, VSC 103

Tub-O-Towels 103
Rodent Control 103
Bait Station, Top-Loading 103
Rodent Bait 103

NEW PRODUCTS 104-106

Heat Mats Hog Hearth 104
SDI Nipple Bar Hangers & Holders 104
SDI Stainless Curtain Pocket 104
AP Circulation Fans 104
PWA Poly Bin 104
Curtain System, Autovent 105
Feed Management Solutions 105
Carcass Grinder 105
Breasy Sliding Baffle 105
Gestal Group Housing Feed 106
Thermalarm 106
Bracket, H Strut Conversion 106

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