

# VENTILATION SYSTEMS

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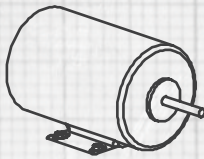


Experience counts. We took 45 years of construction knowledge and applied it to designing ventilation fans that perform on our customer's farms. Fiberglass fans manufactured from corrosion resistant components to withstand the harshest environments. Tested CFM ratings from production fans, the same ones we deliver to your farm. Fans built to excel in the real world of livestock and poultry production.



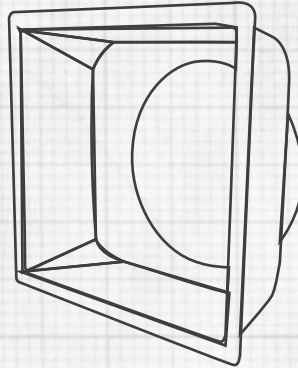
Model#: AS-54XEBDLP

Description: FEATURES



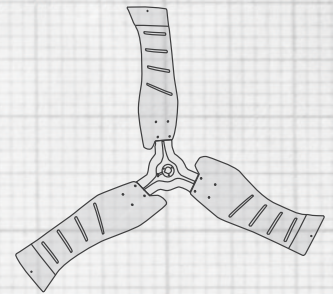
**High S.F. Motors**

Stand up to harsh environments and varying voltage. Full 56 frame motors.



**Rugged Housings**

Molded resin fiberglass with UV stabilizers, marine grade gel-coat and smooth interior and exterior finish.



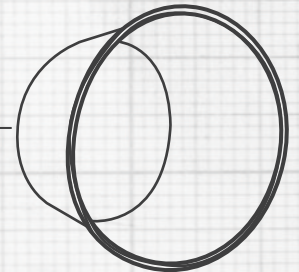
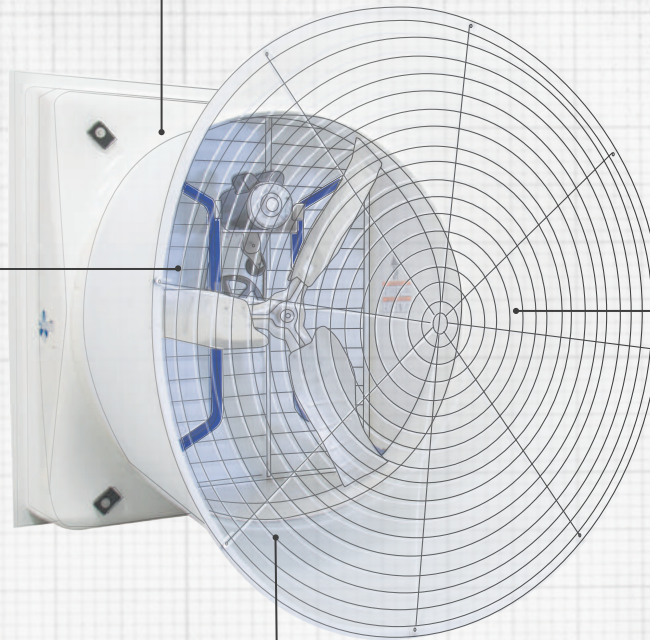
**Flat Performance Curve**

Fans integrate proprietary stainless steel props configured for peak air delivery at typical static pressures.



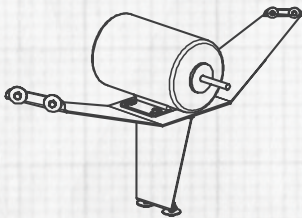
**Efficient Shutters**

Airfoil PVC blades feature full-length spring steel rods instead of plastic pins – locked into a heavy PVC frame.



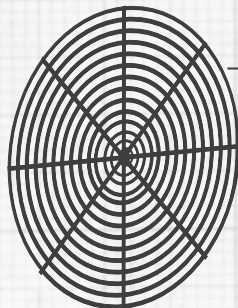
**Increased Performance**

Optional Poly Cone.



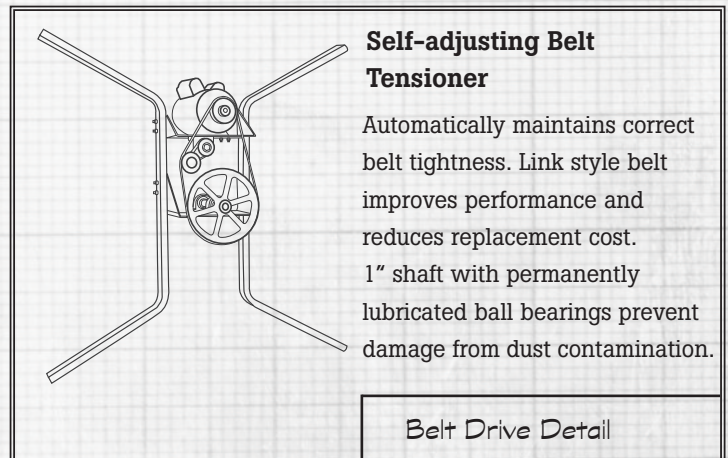
**Superior Corrosion Resistance**

Stainless steel motor mounts and hardware.



**Heavy-duty Guards**

Baked PVC coated wire.



**Self-adjusting Belt Tensioner**

Automatically maintains correct belt tightness. Link style belt improves performance and reduces replacement cost. 1" shaft with permanently lubricated ball bearings prevent damage from dust contamination.

Belt Drive Detail



# FIBERGLASS VENTILATION FANS

## AirStorm 18" Fan



MODEL	DESCRIPTION	SHUTTER	ROUGH OPENING	RPM	DRIVE	SPEED	HP
AS-18EDDLP	18" w/o Cone	Plastic	25-1/2" x 26"	1725	Direct	Variable	1/3
AS-18206	18" Poly Cone						

MODEL	BESS TEST	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-18EDDLP	15684	4,980	11.7	4,780	11.0	4,580	10.3	4,350	9.7
	15685*	4,490	10.0	4,310	9.5	4,120	9.0	3,920	8.5

\*Performance shown with no cone

## AirStorm 24" Fan



MODEL	DESCRIPTION	SHUTTER	ROUGH OPENING	RPM	DRIVE	SPEED	HP
AS-24EDDLP	24" w/o cone	Plastic	34.5" x 34.5"	1075	Direct	Variable	1/3
AS-24206	24" Poly Cone						

MODEL	BESS TEST	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-24EDDLP	15207	7,400	16.8	6990	15.2	6,620	13.9	6,200	12.6
	15209*	6,480	13.4	6,110	12.3	5,670	11.2	5,170	10.1

\*Performance shown with no cone

## AirStorm 36" Fan



MODEL	DESCRIPTION	SHUTTER	ROUGH OPENING	RPM	DRIVE	SPEED	HP
AS-36EDDLP	36" w/o cone	Plastic	43.5" x 43.5"	850	Direct	Variable	1/2
AS-36206	36" Poly Cone						

MODEL	BESS TEST	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-36EDDLP	15556	11,550	20.6	10,780	18.4	9,940	16.4	8,900	14.2
	15557*	10,510	17.7	9,790	16.0	8,980	14.4	8,150	12.8

\*Performance shown with no cone

## AirStorm 54" Fan

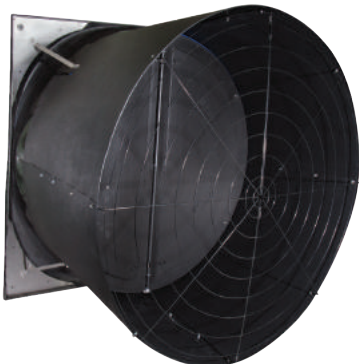


MODEL	DESCRIPTION	SHUTTER	ROUGH OPENING	RPM	DRIVE	SPEED	HP
AS-54XEBDLP	54" w/ cone	Plastic	54" x 54"	1725	Belt	Single	1-1/2
AS-54XEBDLP-HE	High Efficiency						

MODEL	BESS TEST	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-54XEBDLP	17263	30,900	20.8	29,400	19.1	27,600	17.4	25,600	15.7
AS-54XEBDLP-HE	17265	28,500	23.2	26,700	20.9	24,400	18.6	21,700	16.1
AS-54XEBDLP	17264*	28,100	18	26,400	16.5	24,600	15	22,700	13.6

\*Performance shown with no cone

## AirStorm 57" Fan



MODEL	DESCRIPTION	SHUTTER	ROUGH OPENING	RPM	DRIVE	SPEED	HP
AS-57EBDBP	57" w/ cone	Plastic	57" x 57"	1725	Belt	Single	1-1/2
AS-57EBDBP-HE	High Efficiency						

MODEL	BESS TEST	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-57EBDBP	17261	33,000	24.9	31,300	22.2	29,100	19.8	26,400	17.3
AS-57EBDBP-HE	17262	32,000	26.2	29,900	23.3	27,400	20.5	24,400	17.6

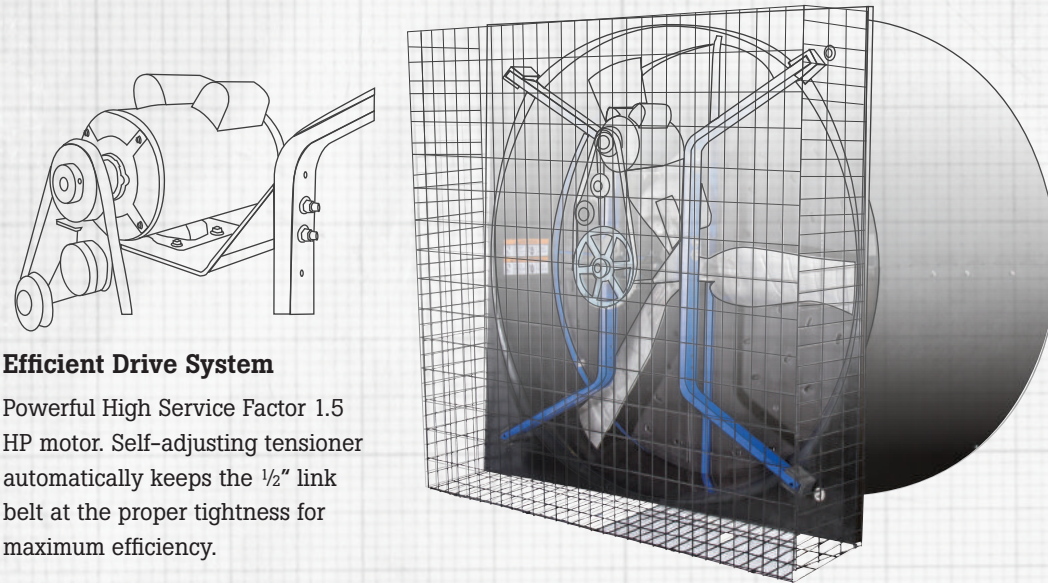
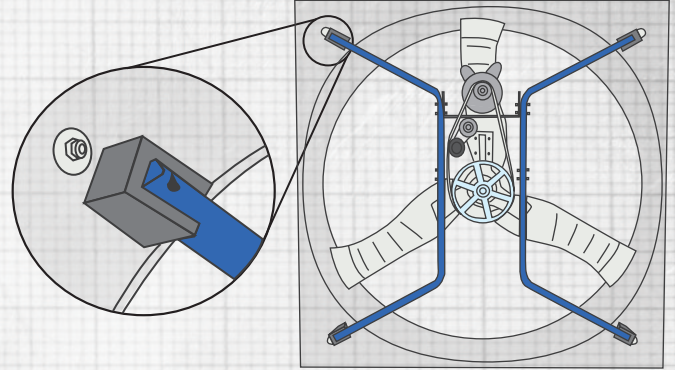


Model#: AS-57EBDBP

Description: FEATURES

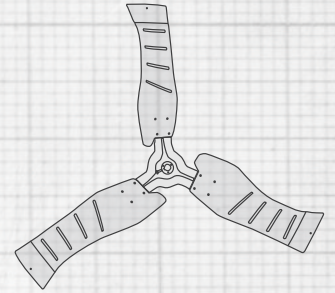
### Rigid X-Brace Supports

Innovative X-Brace design moves the anchor points of the support arms to the housing corners for maximum stability. The support arms are manufactured from aluminum tube with a blue epoxy coating for increased corrosion protection and incorporate a triangular edge profile to reduce wind turbulence. Rubber corner mounts cushion the fiberglass housing from fan vibrations.



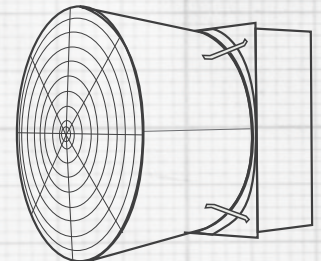
### Efficient Drive System

Powerful High Service Factor 1.5 HP motor. Self-adjusting tensioner automatically keeps the 1/2" link belt at the proper tightness for maximum efficiency.



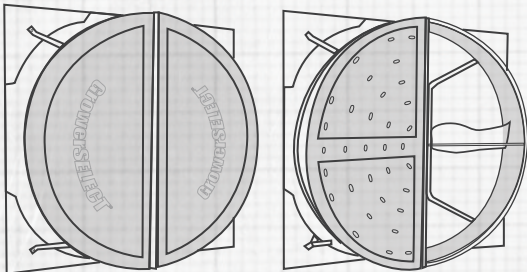
### Flat Performance Curve

Fans integrate proprietary stainless steel props configured for peak air delivery at typical static pressures.



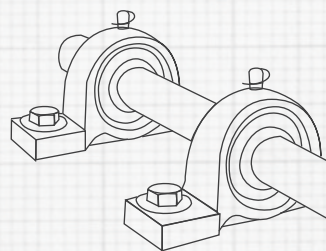
### Optional Mounting Kit

Stainless steel kit adapts fan to a through-wall installation.



### Poly Butterfly Shutter

Corrosion resistant poly dampers seal tight with magnetic closures and dual springs. An aluminum damper ring maintains maximum stability in any temperature extreme.

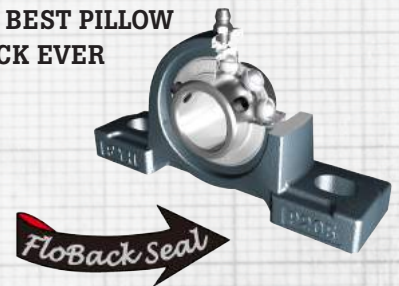


### Improved Bearing Life

New solid base bearing housing increases mounting stability, reducing vibration significantly. The new bearing also includes a double-lip FloBack seal to improve lubrication and add additional protection against contamination to reduce maintenance.

Fan features Stainless Steel motor and bearing mounting plates.

### THE BEST PILLOW BLOCK EVER





## 24" TRANSITION HOOD WITH FASLOCK

The FasLock slide kit mounts to the poly transition and securely attaches the fan to the face of the hood.

- Constructed of UV resistant polypropylene.
- Bottom opening 31" x 33"
- Face opening 39" x 39"



Stainless Steel Slide Bar holds top flange securely in place.

Remove the slide bar and tip fan forward for maintenance or cleaning.

ITEM#	DESCRIPTION
#628062PA	24" Poly Transition
#HSFLT-24A	FasLock Mounting Kit

## HOG FAN GUARDS



MODEL	GUARD (PART)	(PAINTED) GUARD	(GALVANIZED) GUARD
AS-24EDDLP	N/A	8100410100	8100410200
AS-36EDDLP	N/A	8100110100	8100110200
	Panel	8100280100	8100280200
AS-54EBDLP	Wall Brackets	2020760100	2020760200
	Gate Rods	2020100100	2020100200

## STAINLESS STEEL PIT TRANSITION



Pit transition for 24" fan mounts on pit sidewall over suggested concrete opening of 43" x 19". Reduces trash buildup in fan housing and allows use of discharge cone to increase fan delivery. Ships assembled.

#7990240500

## WIND DIVERTER

Wind diverter mounts on fan discharge to prevent strong winds from reducing CFM output. Fiberglass construction with Stainless Steel brackets. Fits most fans.

HSWD-14	14"
HSWD-18	18"
HSWD-24	24"
HSWD-36	36"





## STIR FANS

- 115/230 Volts
- Durable, epoxy-coated guard
- Unique hinged front, simply unhook and swing open for fan maintenance
- Comes with adjustable tilt bracket

\* FPM (Feet Per Minute) - Velocity measured center line at distance 5 time the prop diameter

\*\* Thrust Efficiency Ratio is calculated by dividing the Thrust (lbf) by the kW

ITEM #	DESCRIPTION	AMPS	FPM*	THRUST (LBF)	THRUST EFF RATIO**	KW	RPM	THRUST CFM	THRUST CFM/WATT
VB12	12", Variable	1	525	0.76	7	0.109	1,705	970	8.9
VB20	20", Variable	4	1,135	3.69	11	0.336	1,706	3,580	10.7
VB24	24", Variable	4.8	1,195	5.62	12.2	0.459	1,716	5,300	11.5
VBS36A	36", Single	7	940	8.5	15.5	0.55	823	9,880	18



## 18" CIRCULATION FAN

- Wide guard spacing reduces buildup and allows for easier cleaning
- Versatile mounting bracket allows for easy tilt and swivel of fan
- 1/8 HP motor covered by 2-year warranty
- Complete with pre-wired cord HANG IT UP-PLUG IT IN
- 3-Speed
- 115V
- 2500 CFM
- .88 AMPS
- Aluminum Blade

### ITEM# WS-18C3

\* FPM (Feet Per Minute) - Velocity measured center line at distance 5 time the prop diameter

\*\* Thrust Efficiency Ratio is calculated by dividing the Thrust (lbf) by the kW

AMPS	SPEED	FPM*	THRUST (LBF)	KW	THRUST EFF RATIO**	RPM	THRUST CFM	THRUST CFM/WATT
.9	1	640	1.11	.100	11.1	1,623	1,770	17.7
	2	400	0.74	.066	11.3	1,203	1,450	22.0
	3	370	0.49	.052	9.5	988	1,180	17.7



## 36" BOX FAN

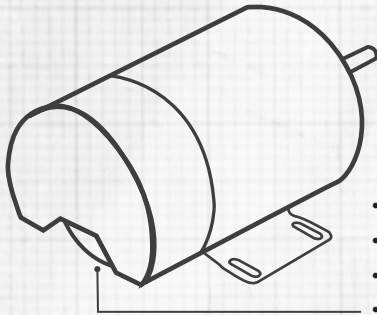
The Windstorm™ 36" box fan provides outstanding performance at an affordable price. Galvanized steel housing with secure wire guard which is easily removed for service. The Windstorm 36" box fan features a 1/2 HP, 230V, 2.65 Amps.

ITEM#	DESCRIPTION	RPM	THRUST CFM	THRUST CFM/WATT
WS-36BDD	36" Box Fan	850	10,200	20

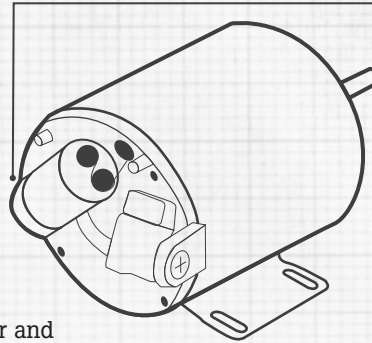


Model#: HS9006A

Description: FEATURES

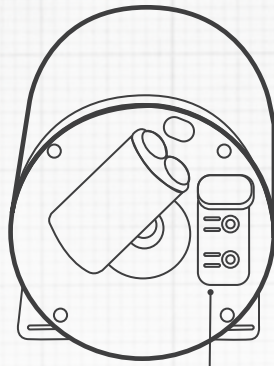


- Full 56 Frame Motor
- 5/8" Interior Shaft
- Double sealed ball bearings
- Rear cap houses internal capacitor and improves aerodynamics over the motor

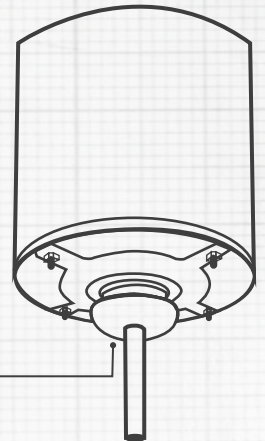


Remove the cap. Capacitor location in the rear prevents moisture from entering through the top.

Removing the cap also allows full access to the wiring terminals. Easier to wire vs. the cramped area of most motors. Improved design over earlier models seals the interior of the motor. No exposed wires.



Nylon slinger on motor shaft restricts water and contaminants from moving up the shaft into the bearings when the fan is running.



### VARIABLE SPEED FAN MOTORS

- Removable plastic motor cap protects internal capacitor and provides access to wiring terminals.
- Water slinger protects moisture from being forced past the double bearings while fan is operating.
- Full 56 Frame motors with 5/8" interior shaft and double sealed ball bearings.

ITEM#	HP	RPM	VOLTAGE	FAN SIZE
HS9008	1/3	1725	115/230	18"
HS9006A	1/3	1075	115/230	24"
HS9009A	1/2	850	115/230	36"



### SINGLE SPEED FAN MOTORS

- TEAO Motors
- Permanently lubricated ball bearing
- Dual start/run capacitors
- 5/8" shaft
- Auto overload

ITEM#	HP	RPM	VOLTAGE	FRAME	AMPS	USE
HS9005A	1/2	850	115/230	48	6.6/3.3	36" Box Fan
HS9019	1-1/2	1725	115/208-230	56	12.8/7.0/6.4	52" & 54" Belt Drive Fans



# STATIC PRESSURE KEY TO TROUBLESHOOTING VENTILATION

With the summer heat it's not uncommon for ventilation problems to start showing up in broiler houses and swine gestation/ breeding buildings. Even facilities that have performed well in the past may experience issues. One of the best yardsticks for evaluating a ventilation system is measuring wind speed. Windmeters ranging from an inexpensive smartphone unit to dedicated handheld devices are used to measure wind speed in feet per minute.

If the wind speed is lower than desired the next step is to check the static pressure with either a portable manometer or on the ventilation control monitor. With the ventilation system operating at full capacity, the house pressure should be between .05 to .08". Some broiler facilities will experience higher pressure due to increased air requirements.

If the static pressure is high, the most likely cause is restricted airflow through cool cell pads clogged with scale or algae.



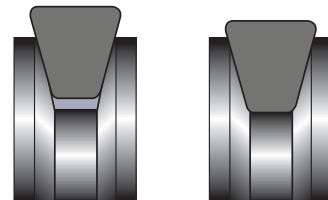
Scale is the buildup of minerals hard water leaves behind as it evaporates during the cooling process. Heavy deposits of scale require the use of a broom to dislodge the debris and then rinsing them off the pad with a low-pressure hose nozzle. The best way to deal with scale is to prevent it from forming in the first place. Adding a descaler treatment to the water helps keep the minerals in suspension and prevents them from sticking to the pad.

Nutrients in the water allow algae to grow and block the openings in the pad. Adding algaecides to the

recirculating water kills the algae and prevents it from re-establishing. Allowing the pad to dry completely for several hours each day also stops algae growth.



But by far the most important management practice for cool cell maintenance is to drain and replace the water often. Even with the use of chemical agents, a build up of contaminants occurs in the trough. How often to replace the water depends on water quality and the amount of the time the system operates each day. Once a month is an absolute minimum during periods of heavy use to flush grit and dirt from the system.



If the static pressure is too low, the first reaction is to add fans to increase airflow. In many cases, especially in buildings where the airflow seemed adequate before, replacing the fan belts and/or pulleys will restore proper air flow. Slippage caused by worn belts and pulleys cause fans to be less efficient and air delivery to suffer by as much as 20%. Plan to replace all fan belts on an annual basis with the metal pulleys needing replacement about every four years. A visual check after installing new belt should show the belt riding high in the pulley groove. If the belt sinks into the groove, then the pulley should be replaced.

Routine, scheduled maintenance on fans and evaporative systems is fundamental to providing broilers and pigs with adequate cooling during hot weather extremes.



GrowerSELECT **WINDSTORM** HOESLAP

## 54" SLANT WALL FAN

Windstorm™ 54" belt driven galvanized slant wall fan with cone and shutters. Shutters feature galvanized metal frame and aluminum shutters. Galvanized metal cone features perforated edges that allow fans to be installed closer to each other in retrofit applications, reducing the need to reframe each fan opening.

ITEM#	BESS TEST	0.00" SP		0.05" SP		0.10" SP		AIRFLOW RATIO
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	
WS-54SBDLA	14344	28,400	23.6	27,100	21.5	25,400	19.2	.75




## 52" GALVANIZED BUTTERFLY FAN

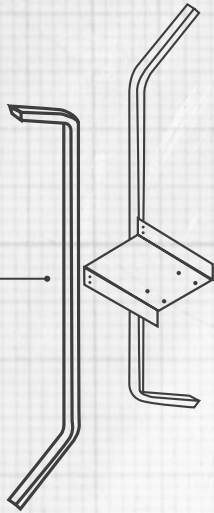
The ideal fan for remodeling or adding extra CFM to increase the wind speed in your house. Designed to fit between the existing studs without costly extra construction.

WS-F52B2: High capacity | WS-F52B-HE2: High Efficiency

ITEM#	BESS TEST	0.00" SP		0.05" SP		0.10" SP		AIRFLOW RATIO
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	
WS-F52B2A	14099	30,100	21.6	28,900	19.9	27,500	18.1	.81
WS-F52B-HE2	14100	27,700	25.2	26,300	22.7	24,700	20.4	.80



	Model#: WS-52EBDBG
	Description: FEATURES

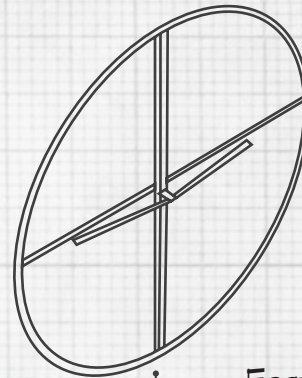


**Feature Upgrade!**  
**Stainless Steel Support System**

S.S. uprights and motor can provide excellent corrosion protection.

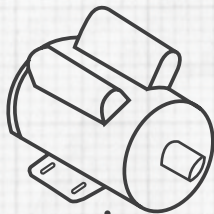
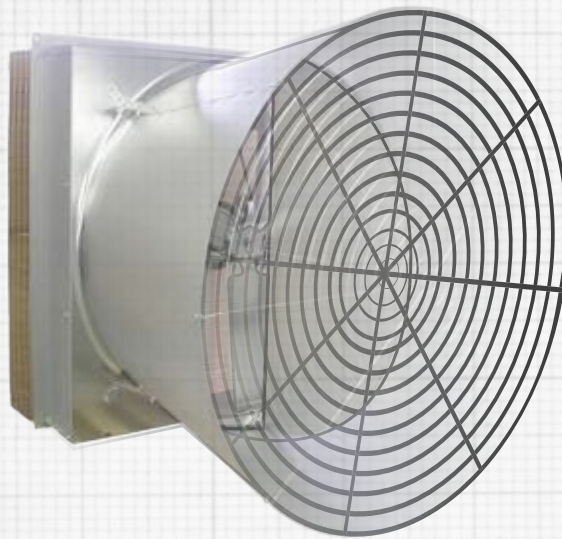
**Heavier Construction**

- G90 Galvanized Steel
- 16 ga. venturi
- 20 ga. housing
- 24 ga. cone



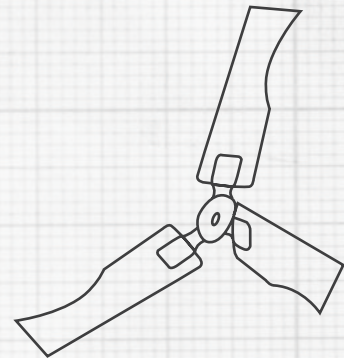
**Feature Upgrade!**  
**Superior Butterfly Shutter**

Heavy Galvanized doors with stainless steel rods. Support ring is zinc plated then powder coated to prevent rust.



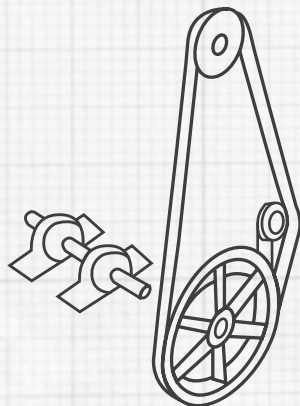
**High S.F. Motors**

Capably operates with varying rural voltage.



**Motor-matched Prop**

Galvanized 3-bladed



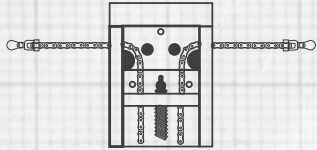
**Self Adjusting Belt Tensioner**

Automatically maintains correct belt tightness. Link style belt improves performance and reduces replacement cost. 1" shaft with permanently lubricated ball bearings prevent damage from dust contamination.

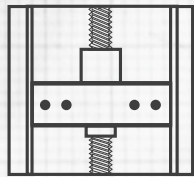


Model#: HS583E-3660

Description: FEATURES

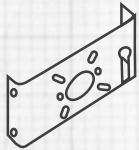


Optional chain & sprocket drive eliminates cable breakage. Features a 13 tooth sprocket with a size 50-5/8" roller chain.



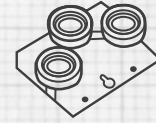
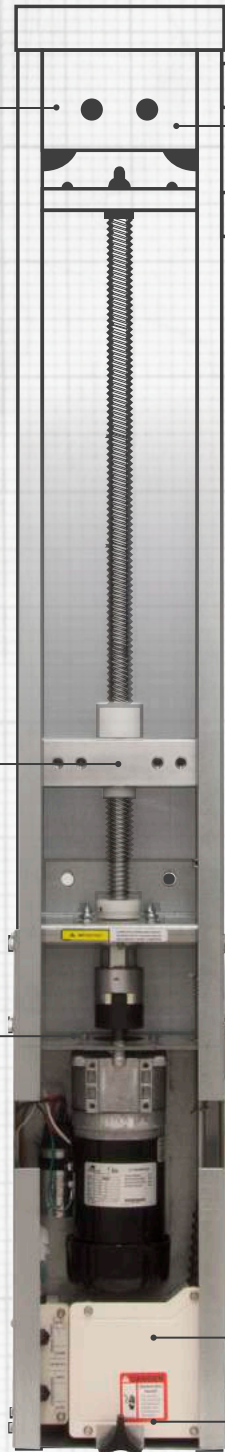
### Smooth Operation

Aluminum load block rides on acetal plastic bearings and guide blocks imbedded in the cabinet side, for smooth motion and to stabilize the shaft.



### Easy Servicing

Features a removable front cover, precision cut outs, and swivel points to allow for easy removal of the ACME screw and block.



Three sealed, ball bearing head pulleys for multiple mounting options. Farm-duty, ACME screw efficiently transfers power to load block.

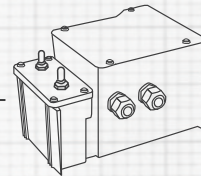


### Suited for Multiple Motor Sizes

Fitted for 120V, 240V, 15, 30 and 60 RPM models.

### Simple Limit Switch

Dual limit switch is backed by secondary safety lock-out switch. Includes auxiliary switch for backup fans.



### Local Controls

Manual control switch allows for quick adjustments of the screw and limit switch positions directly from the box.

### Electrical Enclosure

Water resistant plastic enclosure protects switches and electrical components from moisture and corrosive environments.



## Powerful screw machine accurately controls curtains, inlets, and tunnel doors.

Accurately control curtains, inlets and tunnel doors with the GrowerSELECT Curtain Machine. Innovative features such as easy mounting, simple servicing, localized control, double limit switches and more will help keep you up and running with more money in your pocket. An upgraded plastic enclosure at the bottom of the cabinet provides protection for switches and electrical connections from moisture and corrosive environments.

Choose from units 24", 36" or 48" of travel to accurately control curtains, inlets and tunnel doors.

ITEM#	DESCRIPTION
HS583E-2415	24" travel, 15 RPM, cable system
HS583E-2415S	24" travel, 15 RPM, sprocket drive
HS583E-2430	24" travel, 30 RPM, cable system
HS583E-2460	24" travel, 60 RPM, cable system
HS583E-2430S	24" travel, 30 RPM, sprocket drive
HS583E-3615	36" travel, 15 RPM, cable system
HS583E-3630	36" travel, 30 RPM, cable system
HS583E-3660	36" travel, 60 RPM, cable system
HS583E-3630S	36" travel, 30 RPM, sprocket drive
HS583E-4830	48" travel, 30 RPM, cable system
HS583E-4860	48" travel, 60 RPM, cable system
HS583E-4830S	48" travel, 30 RPM, sprocket drive



# HS667-24 LINEAR ACTUATOR

- High quality motor bearings.
- IP65 Rating.
- Bi-directional control with potentiometer feedback for position sensing of inlets.
- Equipped with an adjustable limit switch.

## ELECTRICAL SPECIFICATIONS

120V AC @ 60 Hz, 1.4 A, 167W

Position Sensor: 10K ohm potentiometer

## MECHANICAL SPECIFICATIONS

Max Load: 350 kgs./772 lbs.

Max Speed: 6.3 mm./1/4" per second

Stroke Length: 610 mm./24"



# HS653 NEGATIVE PRESSURE VENT CONTROLLER

Pressure reading drops below this limit, the vent machine CLOSES vents to raise the pressure inside.

Area between limit pointers, no adjustments are made.

Low Pressure setting adjustment knob. Clockwise to raise limit, Counter clockwise to lower limit.

Manual OPEN/CLOSE



Pressure reading exceeds this limit, the vent machine OPENS vents to lower the pressure inside.

High Pressure setting adjustment knob. Clockwise to raise limit, Counter clockwise to lower limit.

AUTO/MANUAL Selection

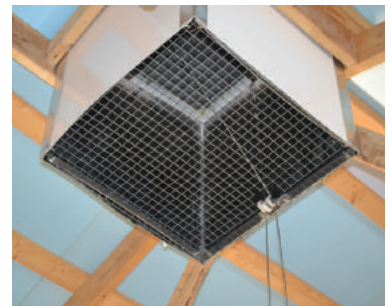
# OPTIMUM IP65 RATING

Hog Slat's Linear Actuator has a superior seal to prevent water intrusion and prevent internal corrosion. The HS667-24 is better sealed around the motor and end cap, plus offers clamped boots over the ends of the extension tube to further seal the unit.



# NATURAL VENTILATION CHIMNEY

- 25-1/4" O.D. x 66" Tall
- Composed of fiberglass with aluminum support
- Actuated baffle
- Damper hardware and roof flashing kit included
- Easy Installation





# tego Tunnel Doors

HOGSLAT



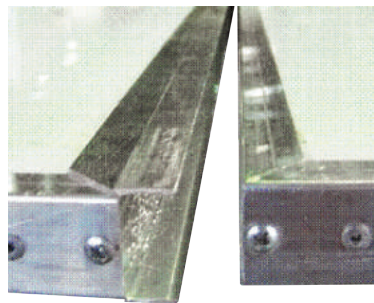
## Hinge System

Innovative offset hinge seals tight but allows door to move away from the wall as it opens to prevent dust and debris accumulation in the bottom of the panel.



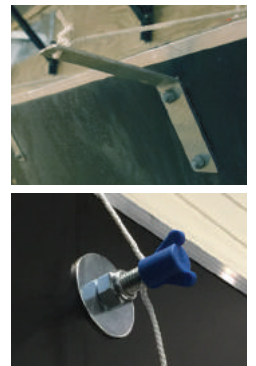
## 1" or 1-1/2" Panel

Available in 1" (R-7) or 1-1/2" (R-9) panel with aluminum skin and structural supports.




## C-Lock Panel

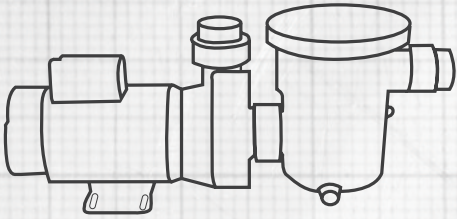
Integrated C-Lock panel connection eliminates the need for additional tools or fasteners.



## Choice of Attachments

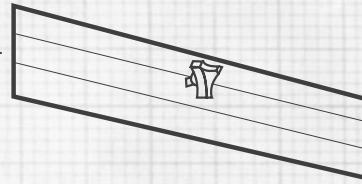
Choose from tension loaded brackets or low profile plastic nut connectors.

	Model#: Evaporative Cooling System
	Description: FEATURES



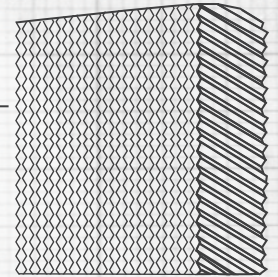
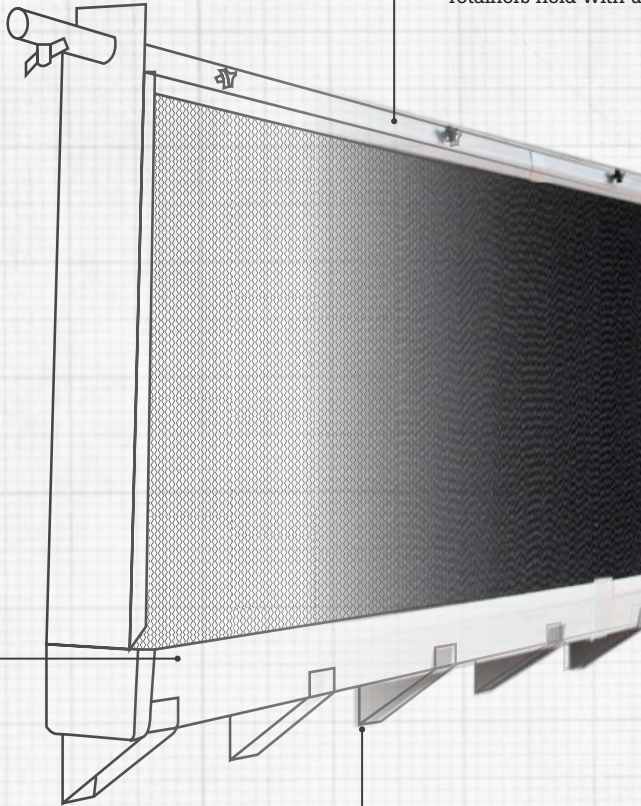
**Sump or Jet Pump**

Your choice of Jet Pump or Submersible Pump with Sump Tank.



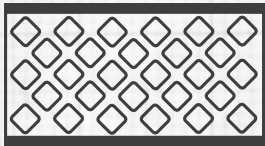
**Less Pad Stretching**

Increased water flow directed to pad front. Open top design for quick visual inspection. Aluminum pad retainers held with user-friendly Tri-Knob fasteners.



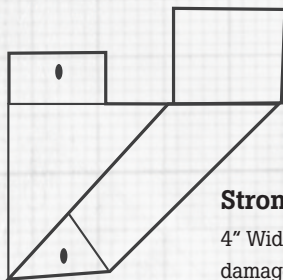
**Heavy H2Pad**

Coated with ProTec to protect against UV and mechanical damage.



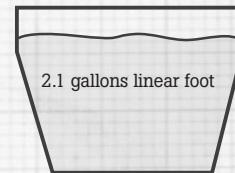
**Improved Drainage**

Increased open area of trough cover quickly drains water away from pad bottoms to extend pad life.



**Stronger Brackets**

4" Wide Brackets prevent damage to trough and double leg supports eliminate twisting and sagging.



2.1 gallons linear foot



1.7 gallons linear foot

**Greater Trough Capacity**

Square trough increases water reservoir by over 24% over the round trough.





**Lower Installation Cost.  
Reduced Maintenance Expense.  
Improved Production.**



**Manufactured of quality cellulose paper, oven-cured with acrylic polymer glue and fungicides.**

ITEM#	DESCRIPTION
H2-62E	H2Pad 6" x 12" x 24" Pro Tec Edge 15/45 Flute
H2-63E	H2Pad 6" x 12" x 36" Pro Tec Edge 15/45 Flute
H2-64E	H2Pad 6" x 12" x 48" Pro Tec Edge 15/45 Flute
H2-65E	H2Pad 6" x 12" x 60" Pro Tec Edge 15/45 Flute
H2-66E	H2Pad 6" x 12" x 72" Pro Tec Edge 15/45 Flute

**3/4" PROTEC EDGING**  
increases pad life by protecting against UV light and mechanical damage when cleaning. Helps to prevent the buildup of algae and minerals on the air entry side of the H2PAD. Special wetting additive promotes even water distribution by reducing the amount water collecting on the pad surface.



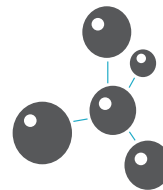
**PRODUCTION OF H2PAD**

begins by selecting heavyweight Saturation Grade Kraft Paper designed for high water absorption rates. This specialty Kraft is also formulated for consistent resin pick-up; a crucial step to ensure proper resin impregnation during manufacturing.



**TRIPLE CURING PROCESS**

The first oven bakes the resin coating on the paper. The second oven cures each sheet individually after corrugating and before pressing to ensure consistent glue contact points. A third oven cures each media block for three hours before cutting and sanding.



**A PROPRIETARY RESIN**

contains critical formulation of acrylic polymer glues, melamine additive for fire resistance, and fungicide additive. A special viscosity additive ensures even application on each sheet.



**CONSTANT MONITORING**

Throughout the manufacturing process, technicians constantly monitor the moisture content of the paper. Consistent moisture content is critical to proper adhesion of glues and the curing process.

**2-YEAR WARRANTY**



# SUBMERSIBLE COOL CELL PUMP

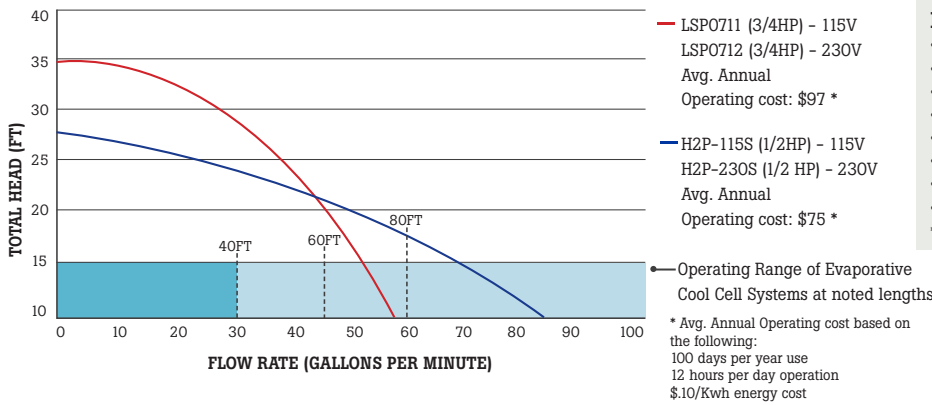
Pumps typically used for cool cell systems are adapted from other industries; waste water, sump pumps, etc. They are designed with a higher head pressure and low volume to lift water as high as 35'.

We went to one of America's leading pump manufacturers with a request to build a pump specifically designed for cool cell systems. The GrowerSELECT pump features a re-designed VORTEX IMPELLER resulting in a unit with a LOWER HEAD PRESSURE with HIGHER VOLUME. This combination allows a GrowerSELECT pump to service a longer cool cell run.



## GET 3/4 HP PERFORMANCE FROM A 1/2 HP PUMP

The special impeller allows the use of a 1/2 Hp motor instead of a 3/4 Hp motor. Electrical usage is decreased by up to 25%.



### Rugged Features for a Long Lasting Pump:

- Oil-filled motor
- Epoxy coated, cast iron housing
- 2" discharge with 1-1/2" bushing to adapt to most systems
- 2" bottom suction inlet
- 15' waterproof power cord
- Silicon carbide seal
- 115 / 230 Volt- 5.5/2/7 amps
- 15.87" high x 9.5" wide

\*These pumps are only for 10" or larger reservoirs and will not work in 8" sump tanks.

ITEM#	DESCRIPTION
#H2P-115S	1/2 Hp Submersible Pump, 115 V
#H2P-230S	1/2 Hp Submersible Pump, 230 V

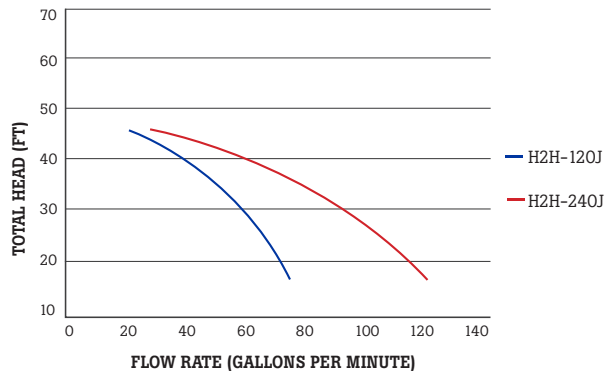
**2-YEAR WARRANTY**

# JET PUMP

GrowerSELECT's Compact Jet Pump delivers outstanding performance. Efficient design minimizes friction and turbulence reducing power consumption.

Self-priming pump design protects internal components from wear.

Strainer basket features a Transparent Lid for easy inspection. Larger capacity extends time between clean out. Easy access drain plug for service and winterizing.



### Features Include:

- Available as 120 or 240 volt models
- Includes 9 foot power cord
- 1-1/2" discharge pipe
- Open drip proof motor

ITEM#	DESCRIPTION
#H2P-120J	3/4 Hp Jet Pump, 120 V
#H2P-240J	3/4 Hp Jet Pump, 240 V





[www.hogslat.com](http://www.hogslat.com)

1-800-949-4647

