

## Fogging Fans

### If it is too hot or too dry, Airmaster Fogging Fans are the solution

True fog production for evaporative cooling / comfort, industrial spot cooling, large scale humidification, and static / dust control, the Airmaster Fogging Fans do not use nozzles to atomize the water being introduced into the airstream. Instead, they use centrifugal force to propeller the water against teeth that explode it into 10 to 40 micron particles depending on water flow rate (smaller particles at low flow which is the opposite of nozzle systems) and insensitive to water quality.

### HRSM - Mobile Self-Contained Fogging Fans

Designed for harsh, 100% humid indoor or outdoor environments (33°F to 160°F)

HRSM are self-contained with a large 18 gallon water reservoir and internal submerged pump, and a water level gauge to quickly check the tank level (they can be operated autonomously, connected to a hose / water supply as the unit has a built in float valve for automatically refilling the tank). All water that is not perfectly atomized is returned to the reservoir for reuse. Nominal airflow for the units is 3,200 cubic feet per minute.



#### Construction Features:

- Capable of projecting a direct plume of cool air 35 feet
- Reservoir and fan shroud are of UV stabilized, impact resistant polyethylene
- Metal components are 300 stainless steel
- 3/4 HP Baldor TEFC Wash Down Duty motor
- Large molded wheels for mobility on difficult surfaces
- On / Off toggle switch with 20ft. power cord and plug
- Fan head is adjustable for angle - upward allows more time for evaporation
- Supplied with 1/4 turn valve to adjust water flow
- Fully assembled - ready to operate
- 80 pounds (without water)
- 72 to 75 dbA at 10ft. (depending on orientation, water rate, and nearby walls / surfaces)

EDP No.	Catalog No.	Prop Dia.	HP	Max Fog Output	Voltage	Hertz	Phase	RPM	List Price
60192	XE-HRSM-2000	14"	3/4	32 GPH	115V	60Hz	1	3450	\$6,835
60193	XE-HRSM-2001	14"	3/4	32 GPH	208-230V	60Hz	3	3450	\$7,115
60194	XE-HRSM-2000-EXP	14"	3/4	32 GPH	115V	60Hz	1	3450	\$10,250
60195	XE-HRSM-1500	14"	3/4	28 GPH	230-250V	50Hz	1	2960	\$7,010

#### Mobile Controls

EDP No.	Catalog No.	Description	List Price
60196	H-120	Humidistat for 115 volts-starter-raintight enclosure	\$621
60197	H-240	Humidistat for 240 volts-starter-raintight enclosure	\$648
60198	TH-180	Thermostat for 115 or 240 volts- 40° to 110°F-evaporative cooling	\$468
60199	TC-180	24 hour times for 115 volts -2 sets on / off - NEMA 3 enclosure	\$738

## Fogging Fans

### SS700 Compact Stationary Fogging Fans

Perfect for cooling or humidification

#### Direct Feed Fogging Fan

The Direct Feed is the simplest and most affordable version. Supplied with a flowmeter control panel for connection to water source or through one of the optional controls which are supplied with a water solenoid. This unit requires a nearby drain and does not reuse the water and supply with a 12-foot waste drain line. The direct feed is ideal for applications where standing water in a sump may be an issue.



Direct Feed

#### Bench Top Fogger

The Bench Top Fogger is used when hanging is not practical. The fogger includes the sump reservoir and small submersible pump. The unit reuses any water that it is not immediately atomized to fog, which means a drain is not required. Supplied with an on / off switch, 15-foot of water supply line, and a 14-foot power cord. Units are fully assembled and ready to operate.



Bench Top Fogger

#### Hanging Sump Fogger

The Hanging Sump Fogger is identical to the Bench Top but is designed for hanging for improved performance and is supplied with a hanging bracket as shown. The head can pivot to provide directional air flow.

##### Features:

- Nozzle Free and insensitive to water quality
- Fully assembled, lightweight construction
- Fogging capacity up to 3.5 gallons per hour with average 50 micron particles
- Stainless Steel hardware
- Very quiet at 64 dbA at a distance of 10 feet (depending on orientation)
- Operation in humid environment from 125°F down to 33°F
- Nominal Airflow of 980 CFM



Hanging Sump Feeder

EDP No.	Catalog No.	Description	Max Fog Output	RPM	Weight	List Price
60180	SS-700-DF	Direct Feed Hanging Mount	3.5 gph	3000	10	\$1,701
60181	SS-700-BT	Bench Top with pump & reservoir	3.5 gph	3000	17	\$1,984
60182	SS-700-HS	Hanging Sump with pump & reservoir	3.5 gph	3000	17	\$2,034

### GT500 Fogging Fans

The workhorse of stationary cooling / humidification & available with oscillation



##### Features:

- Designed for heavier duty applications in industry or agriculture
- 1800 CFM & 3450 RPM
- Made for harsh, 100% humid indoor or outdoor environments
- Designed for 33 to 160°F environments
- 1/4HP Washdown Duty TEFC motor with stainless steel shaft
- 300 Series stainless steel hardware and componentry
- Fan shroud is of UV stabilized, impact resistant polyethylene
- Quiet operation - 70dbA at 10 feet depending upon orientation
- Uses 10 to 100 PSI water supply
- Includes 30 ft of water line, 15 ft of drain line, and 15 ft powcord
- Single bolt universal mount
- Adjustable angle and can be locked in four positions

EDP No.	Catalog No.	Description	Phase	Output	Ship Wt	List Price
60300	GT-500-15	GT-500 with 15 gpm flow	1	15gph	42	\$3,456
60301	GT-500-11	GT-500 with 11 gpm flow	1	11gph	42	\$3,456
60302	GT-500-5	GT-500 with 5 gpm flow	1	5gph	42	\$3,456
60303	GT-500-2	GT-500 with 2 gpm flow	1	2gph	42	\$3,456

## SS-700 & GT-500 Fogging Fan Accessories

### Molded Floor Stand



**FEATURES:**

- The perfect alternative if no overhead structure is available or for temporary installations
- Made of heavy wall polyethylene reinforced material
- 5 available settings
- Quickly assembled for use

### Adjustable Wall Mount



**FEATURES:**

- Includes lag bolts and masonry anchors
- The Boom (cross-support) is 21" in length
- Boom can be adjusted anywhere along the 30" vertical height of the vertical member

### Ceiling Support



**FEATURES:**

- Similar to the wall mount without the boom
- Designed to be horizontally mounted
- Includes lag bolt for installation

EDP No.	Catalog No.	Description	List Price
60183	XE-36-DF	Direct Feed Humidistat with water solenoid	\$477
60184	THA-120-DF	Direct Feed Thermostat with water solenoid	\$621
60185	CTA-120-DF	Direct Feed Cycle Timer with water solenoid	\$1,012
60186	XE-36	SS-700 Bench Top & Hanging Sump Humidistat - 115V	\$279
60187	THA-120	SS-700 Bench Top & Hanging Sump Thermostat - 115V	\$373
60188	CTA-120	SS-700 Bench Top & Hanging Sump Cycle Timer - 115V	\$778
60189	XE-110	Molded Floor Stand	\$1,224
60190	XE-W	Wall Mount	\$274
60191	XE-C	Ceiling Support	\$166

**Note:** The Direct Feed control options include water solenoid so that when the power is switched off by the control, the water is also shutdown preventing a non-operating unit from wasting water.

### Oscillators for GT-500

EDP No.	Catalog No.	Description	List Price
60308	XE-360	Oscillator for 1 Phase GT-500	\$1,202