

# AQUAFOG



Image of High capacity fogging output of an HRSM unit



## AquaFog® - Mobile Fogging Units

These highly desirable stand-alone atomizing unit are available in three different versions.

- **HRSM** - designed for general applications requiring high quality fogging outputs for either Humidification and/or Evaporative Cooling applications.
- **ORSM** - designed for the Odor Control Industry. This unit allows for an connection to a metering pump supply, for atomizing Odor Control product.
- **CRSM** - designed for fogging Pesticide, Fungicides. This unit has an internal agitation system for keeping powered or liquid chemicals well stirred for un-manned fumigation applications.

### SPECIFICATIONS:

**Dimensions:** Length 25.5 inches / 65 cm  
Width 21 inches / 53 cm  
Height 44 inches / 112 cm

**Approximate Weight:** 80 lbs / 36.3 kg  
**Approximate Shipping Weight:** 127 lbs / 57.6 kg  
**Fogging Head Pivot Angle:** 0°, 15°, 30°, 45°  
**Noise @ 10 ft. distance:** 1 Hp units, 76-79 dB(A)  
3/4 Hp units, 73-76 dB(A)  
1/2 Hp units, 74-77 dB(A)

**Tank Capacity:** 18 U.S. Gallons / 68 Liters  
**Main Motor (Standard):** Baldor® Wash Down Duty™  
**Thermo-plastic Material:** UV Stabilized Polyethylene  
**Hardware:** 18-8 (304 Stainless Steel)  
**Operation:** Continuous duty capability



### Standard Features:

- All the ..RSM units are supplied with a four (4) position adjustable fogging head
- Large tank holds up to 18 US gallons (68 liters)
- Equipped with flow control, automatic fill float-valve assembly, water hose connection and fluid level gauge.
- Engineered for harsh indoor/outdoor environments, units have all stainless steel hardware and heavy wall thermo-plastic construction.
- Wide-mouth opening for adding chemicals
- Drain plug for easy cleaning
- Sturdy molded handles and 10" semi-pneumatic wheels for rugged mobility.
- Features no-clog, nozzle-free atomization head
- Delivered fully assembled, ready for operation



**AQUAFOG**

**HUMIDIFYING**

**RECIRCULATION**

**SUMP**

**MODULE**

**H  
R  
S  
M**



Made in U.S.A.

**AquaFog® HRSM™  
- Mobile Fine-mist Humidifier**

HRSM™ is compact, sturdy and enormously powerful. Uses include; large-scale humidification, outdoor evaporative cooling, fumigation and industrial spot cooling to name a few. The pivoting fogging head allows you to direct the fine-mist fogging output right where you need it. HRSM combines the TurboXE Fan with a portable condensation recirculation tank for high mobility and ease of use. Suitable for indoor/outdoor, units are fully adjustable with fogging capabilities up to 32 gallons per hour. HRSM's propel a powerful jet stream of misty-fog mixed air-flow up to 35 feet in distance. The 18 gallon reservoir tank with large mouth opening is ideal for adding liquid chemicals for fumigation and sterilization applications. An internal float valve assembly with garden hose connection allows for continuous duty applications.

- Units ship completely assembled, ready for operation and are delivered by common carrier.

	Model Number	Motor Size	Electrical Rating		Max. Dry Fog output	CFM
Domestic Voltages	<b>XE-HRSM-2000</b>	1 HP	115V	60Hz 1Ph	32 GPH	3,260
	<b>XE-HRSM-2001</b>	1 HP	208-230V	60Hz 3Ph	32 GPH	3,260
Foreign	<b>XE-HRSM-1500</b>	3/4 HP	240V	50Hz 1Ph	28 GPH	3,180

**HRSM Humidistat Control**



If your primary interest is indoor Humidification, this pre-wired control is what you will need to automate your HRSM.

- Rain-tight Nema 4X
- Range 20-80%RH
- Differential approx. 7%

Part No. H-120 HRSM Humidistat 115 Volt 60Hz

**HRSM 24-Hour Timer Control**



If your primary interest is long cycle operation, this pre-wired control is what you may need to automate your HRSM.

- Rain-tight Nema 3
- Adjustable to cycles as short as 1/2 hour
- 3 sets of on/off trip-

Part No. TC-180 HRSM 24h-Timer 115 Volt 60Hz

**HRSM Thermostat Control**



If your primary interest is indoor evaporative cooling, this pre-wired control is what you may need to automate your HRSM.

- Water-tight Nema 4X
- Control range 40-110° F
- Differential 3° F

Part No. TH-180 Thermostat 110-250 Volt 60/50Hz