

# AQUAFOG<sup>®</sup> Product Series

GT 500s  
15 Gallons/Hour



DIRECT FEED

SS 700s  
5 Gallons/Hour



DIRECT FEED

HANGING SUMP

XE 2000s  
30 Gallons/Hour



DIRECT FEED

XE Mobiles



MOBILE SUMP



HANGING SUMP



HANGING SUMP



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# Turbo XE 2000

## Direct Feed Fog Fan

Turbo XE fogging fans are superior atomizers designed for a variety of commercial and industrial applications. Turbo XEs produce fog combined with powerful airflow, making them ideal for interior humidification, evaporative cooling, and chemical fogging. Components are UV stabilized and suitable for outdoor use.

This centrifugal atomizer produces billions of tiny, fog-like particles that evaporate quickly. The Turbo XE operates without the use of nozzles, high-pressure pumps, compressed air, or filtration, eliminating the need for constant repairs and maintenance. The fogging output is adjustable and controlled by a flowmeter. This unit can either be controlled manually or automated by adding a control with a solenoid valve. Units can also be fed using a metering pump or gravity feed system.

Turbo XE units come standard with 20' of water line, a 12' power cord and liquid-tight connector, and 16' of drainage line. Utility line lengths may be customized during the order process. Units hang by either a universal mounting bolt or two U-bolts.

- Nozzle-Free Atomization
- Up to 34 GPH
- Pivoting Fogging Head
- Powerful and Efficient
- UPS-able (motor ships separately)



## FEATURES



### Flowmeter Control Panel

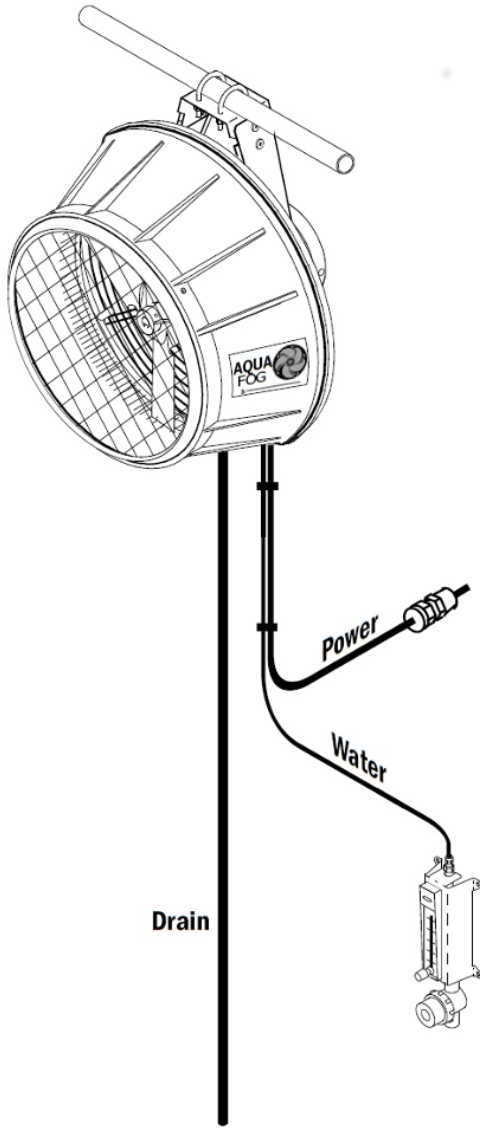
Turbo XE direct feed units come with a flowmeter panel of your choice. These panels control the water flow rate and fogging output. They feature stainless steel construction and a clear polycarbonate flow rate scale for monitoring. Flowmeters require a water supply of 10 to 100 PSI.

The smaller flow rate panels are generally used in applications requiring drier fog.

#### Flowmeter Sizes with Related Applications:

|                            |                            |                            |                        |
|----------------------------|----------------------------|----------------------------|------------------------|
| <b>4-34 GPH</b>            | <b>1-15 GPH</b>            | <b>.3-5 GPH</b>            | <b>.1-2 GPH</b>        |
| <b>2-24 GPH</b>            | <b>1-11 GPH</b>            | <b>(20-300 cc/min)</b>     | <b>(10-110 cc/min)</b> |
| <b>Ag/Horticulture</b>     | <b>Manufacturing Plant</b> | <b>Manufacturing Plant</b> | <b>Odor Control</b>    |
| <b>Evaporative Cooling</b> | <b>Wood/Lumber/Paper</b>   | <b>Textile Plant</b>       |                        |
| <b>Concrete Curing</b>     | <b>Wine/Barrel Storage</b> | <b>Dust/Static Control</b> |                        |
| <b>Mushrooms</b>           |                            |                            |                        |

# SPECIFICATIONS



**Overall Dimensions:** Diameter 21 in / 53.5 cm

Depth 17.5 in / 44.5 cm

Height 25 in / 63.5 cm

**Propulsion Distance:** 30-35 ft / 10-11 m

**Noise @ 10 ft:** 72 dB(A)

**Average Particle Size:** 5-10 microns @ low output

25 microns @ mid output

35 microns @ high output

**CFM:** 1/2 HP - 3,000

1/3 HP - 2,800

**Operation:** Continuous duty capability

**Energy Consumption:** 1/2 HP - 7.4/3.7A @ 115/230V

1/2 HP - 1/2A @ 230/460V Ph

1/3 HP - 4.4 amps @ 240V 50Hz

**Shipping Weight:** Box 1, 19 lbs/8.6 kg

Box 2 (1/2 HP), 32 lbs/14.5 kg

Box 2 (1/3 HP), 32 lbs/14.5 kg

**Box Dimensions:** Box 1, 21"x21"x15" / 53x53x38 cm

Box 2, 16"x12"x12" / 41x30x30 cm

**Hardware:** 300 Series stainless steel

**Environment:** Endures temperatures from  
31° to 160° F

Indoors / outdoors

Humidity to 100% RH

UV stabilized & impact resistant

## Jaybird's Rear-Feed Blade

Our exclusive blade design is a significant product development, enhancing reliability and performance.

## ABB Wash-Down-Duty Motor

- Industrial grade
- For use around water



## Corrosion Resistant

- 18-8 & 304 Stainless Steel Materials
- Polypropylene & Polyethylene Plastics



# Turbo XE 2000-HS

## Hanging Sump Fog System

The XE 2000 Hanging Sump is a ready-to-operate unit designed for interior humidification, evaporative cooling, and chemical fogging. Components are UV stabilized and suitable for outdoor use.

This centrifugal atomizer has a rear-feed blade system that produces billions of tiny, fog-like particles that evaporate quickly. Turbo XEs have an adjustable fog output combined with powerful airflow. The unit's sump recycles wastewater and conserves water, making this unit great for use in drought-prone areas. The XE Hanging Sump uses a float valve to maintain the water level in the tank, a submersible pump to send water to the fogging head, and ball valve to control the fogging output.

The Hanging Sump comes equipped with an on/off power switch, 20' of water line, and a 15' power cord with plug. Units hang by U-bolts or a universal mounting bolt.

- Nozzle-Free Atomization
- Easy Pivot Fogging Head
- Corrosion Resistant
- Recycles Wastewater
- Arrives Fully Assembled



## Standard Controls and Features

XE 2000-HS Hanging Sump comes outfitted for manual operation. The system can be automated by adding a control package.

- 32 GPH Maximum Output
- Water-tight Switch Box
- 3 Gallon Sump w/Easy Access Lid
- Garden Hose Connect

A 1/4 turn ball valve controls the fogging output. Lower flow rates are generally used in applications requiring drier fog.

### Flow Rate with Related Applications:

#### Up to 30 GPH

Ag/Horticulture  
Concrete Curing  
Evaporative Cooling  
Mushrooms

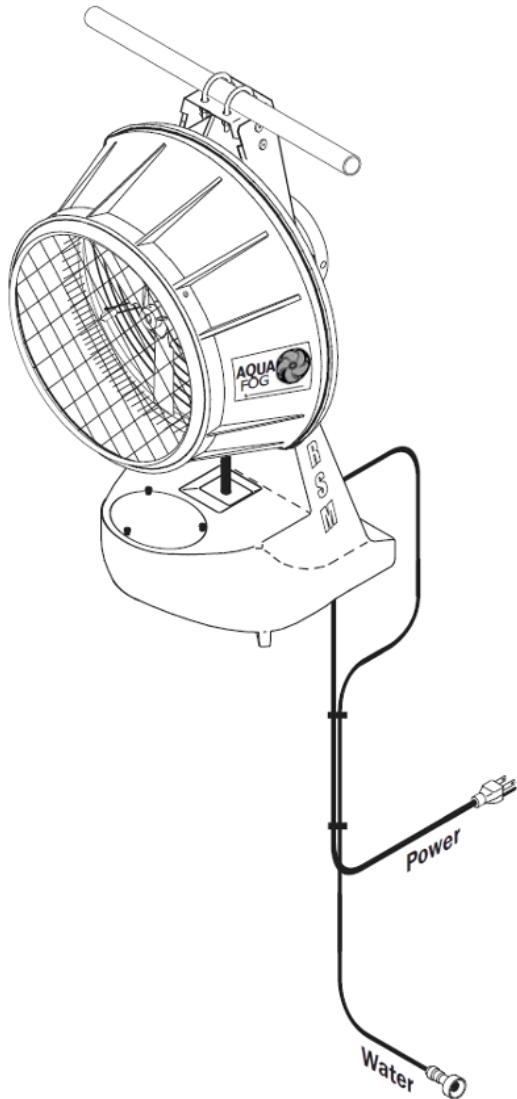
#### Up to 15 GPH

Manufacturing Plant  
Wine/Barrel Storage  
Wood/Lumber/Paper

#### Up to 5 GPH

Mfg Dust/Static  
Textile Plant  
Fumigation

# SPECIFICATIONS



|                               |   |
|-------------------------------|---|
| <b>Overall Dimensions:</b>    | Width 21 in / 53.5 cm<br>Depth 17.5 in / 44.5 cm<br>Height 33.4 in / 85 cm  |
| <b>Unit Weight:</b>           | 50 lbs / 22.7 kg  |
| <b>Propulsion Distance:</b>   | 30 - 35 ft / 9.1 - 10.5 m   |
| <b>Noise @ 10 m:</b>          | 72 dB(A) - 60Hz<br>70 dB(A) - 50Hz  |
| <b>Average Particle Size:</b> | 5-10 microns @ low volume<br>25 microns @ mid volume<br>35 microns @ high volume  |
| <b>Output Range:</b>          | 2 - 32 GPH (60Hz)<br>8 - 98 LPH (60Hz)  |
| <b>CFM:</b>                   | 3,000 - 60Hz<br>2,800 - 50Hz  |
| <b>Tank Capacity:</b>         | 3 gallon (US) / 11.3 liter  |
| <b>Operation:</b>             | Continuous duty capability  |
| <b>Energy Consumption:</b>    | 1/2 HP - 7.8 amps @ 115V<br>1/3 HP - 4.4 amps @ 240V 50Hz   |
| <b>Shipping Weight:</b>       | 67 lbs / 30.4 kg  |
| <b>Box Dimensions:</b>        | 19" x 24" x 38"<br>48 cm x 61 cm x 97 cm  |
| <b>Environment:</b>           | Endures temperatures from<br>33° to 160° F<br>Indoors / outdoors<br>Humidity to 100% RH<br>UV stabilized & impact resistant |

## Digital Humidistat Control



Environmental Controller w/  
Humidity Sensor  
A precision controller suitable  
for many applications. Control  
is very fast  
acting, displays humidity  
levels and has programmable  
differential range.

- Not recommended in prolonged use above 90% RH.
- Fast-acting Digital Sensor
- Range 5-99% RH
- Rated up to 1800W (15A @ 115V)
- Over-Humidity and Sensor Fault Alarm



- Range 20-80% RH
- Differential approximately 7%
- Rain-tight Enclosure
- 30A Contactor DPST

## Humidistat Control

Dependable, Easy to Use

Ideal for control in applications under 80% RH. Controller incorporates a mechanical-action humidistat sensor along with a starter contactor. For reliable start of high inrush loads of the devices being automated.

# HRSM

## Mobile Fogging Machine

The HRSM is a powerful, compact atomizer for the dispersion of water or liquid chemical solutions. Common applications include large-scale interior humidification, outdoor evaporative cooling and fumigation. Tank holds up to 18 gallons for convenient portable use and attaches to an ordinary water supply for long-term operation.

The HRSM is a centrifugal atomizer that produces billions of tiny, fog-like particles combined with powerful airflow. Humidify interior air spaces with fresh water or add disinfectant to fumigate areas for sterilization of surface areas.

This durable, mobile fogger has powerful propulsion and a pivotable fogging head. It's flow-rate cannot be calibrated like C/ORSMs, but HRSM has higher fogging capability and is adjustable up to 32 gallons per hour.

- Nozzle-Free Atomization
- Adjustable Output up to 32 GPH
- Chemical & Corrosion Resistant
- Indoor or Outdoor Use
- Arrives Fully Assembled



## Standard Controls and Features

The HRSM comes outfitted for manual operation. The system can be automated by adding a control package.

- Large Tank Lid Access
- Fluid Level Gauge
- In-line Strainer
- Water-tight NEMA 4X
- Stainless Steel, Brass & Polyethylene
- Garden Hose Connect

A 1/4 turn ball valve controls the fogging output. Lower flow rates are generally used in applications requiring drier fog.

### Flow Rate with Related Applications:

#### Up to 30 GPH

Ag/Horticulture  
Concrete Curing  
Evaporative Cooling  
Mushrooms

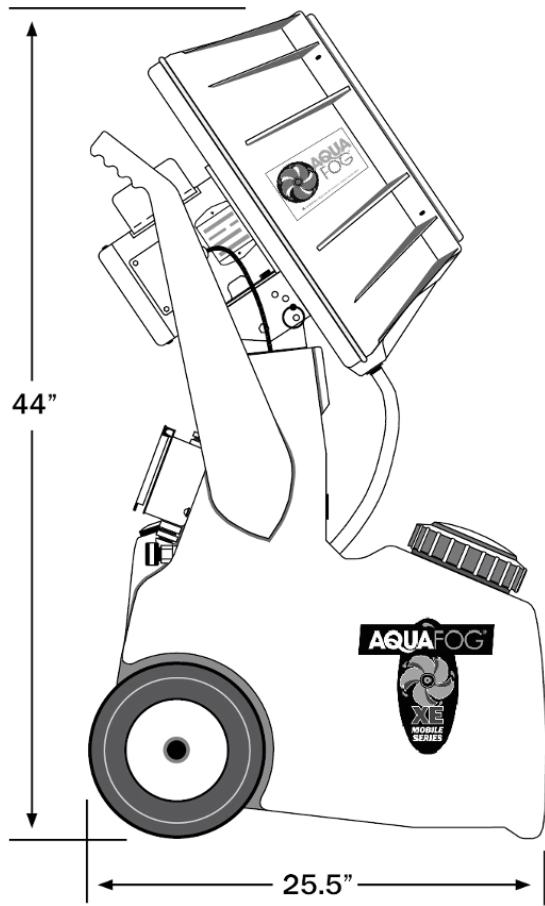
#### Up to 15 GPH

Mfg Plant Humidification  
Wine/Barrel Storage  
Wood/Lumber/Paper

#### Up to 8 GPH

Chemical Fumigation  
Textile Humidification  
Mfg Dust/Static

# SPECIFICATIONS



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

**Approximate Weight:** 80 lbs / 36.3 kg

**Shipping Weight:** 129 lbs / 58.5 kg

**Propulsion Distance:** 30 - 35 ft / 9.1 - 10.5 m

**Fogging Head Pivot Angle:** 0°, 15°, 30°, 45°

**Noise @ 10 ft distance:** 72 dB(A) - 60Hz  
70 dB(A) - 50Hz

**Output Range:** 2 - 32 GPH (60Hz)  
7.6 - 104 LPH (50Hz)

**Average Particle Size:** 5-10 microns @ low output  
25 microns @ mid output  
35 microns @ high output

**Tank Capacity:** 18 US gal / 68 L

**Main Motor:** 1/2 HP - 7.8 amps @ 115V (60Hz)  
1/3 HP - 4.4 amps @ 240V (50Hz)

**CFM:** 3,000 - 60Hz  
2,800 - 50Hz

**Hardware:** 300 Series stainless steel

**Environment:** Endures temperatures from  
33° to 160° F  
Indoors / outdoors  
Humidity to 100% RH  
UV stabilized & impact resistant

## Temperature-Humidity Meter w/ Dew Point

### Ideal for applications up to 100% Relative Humidity

This precision hand-held thermo/hygrometer is ideal for measuring and monitoring ambient and dew point temperatures and relative humidity in a wide range of professional and industrial applications. Dual readout LCD displays in °F or °C.

- Temperature range/accuracy: -4 to 122°F (-20 to 50°C)/1.8°F (1°C)
- Humidity range/accuracy: 0 to 100%RH /3%
- Response time: 60 seconds
- Power source: Two "AAA" batteries (included)



# CRSM

## Mobile ULV Pesticide/Chemical Fogger

The CRSM is a powerful, compact atomizer for the dispersion of liquid or wettable powder chemical solutions. Common uses include pesticide and fungicide treatment in greenhouses. Tank holds up to 18 gallons for convenient portable use. CRSM can also connect to a metering pump and fresh water supply for long-term operation.

The CRSM is a centrifugal atomizer that produces billions of tiny, fog-like particles combined with powerful airflow. The "ULV" method is when fumigation of the entire (interior) air-space is the goal; to achieve complete and even coverage to all surface areas. Unmanned operations can reach up to 30,000 square feet with the aid of circulation (HAF) fans.

This durable, mobile fogger has powerful propulsion and a pivotable fogging head. Fogging output is factory set at 3 gallons per hour and can be recalibrated from 1 to 11 (GPH). CRSM features an internal agitation system to help keep chemical solutions properly mixed.

- Unmanned Operation
- Adjustable Output Up to 11 GPH
- Chemical & Corrosion Resistant
- Indoor or Outdoor Use
- Arrives Assembled w/ Separate Timer Control



## Standard Controls and Features

The CRSM has water-tight connections and a double-throw NEMA 4X switch box. The CRSM's maximum flow rate (ball valve fully open) can be recalibrated to any rate between 1 and 11 GPH.



- Fluid Level Gauge
- 1/4 Turn Flow Control Ball Valve
- Internal Calibration Valve
- In-line Strainer with Clear Cap
- Garden Hose Connection
- 18' Power Cord

## Intermatic® Timer Control

The CRSM timer is provided to automate the system.

- Rain-tight NEMA 3
- Pre-wired with Male & Female Cords



## Internal Agitation Pump

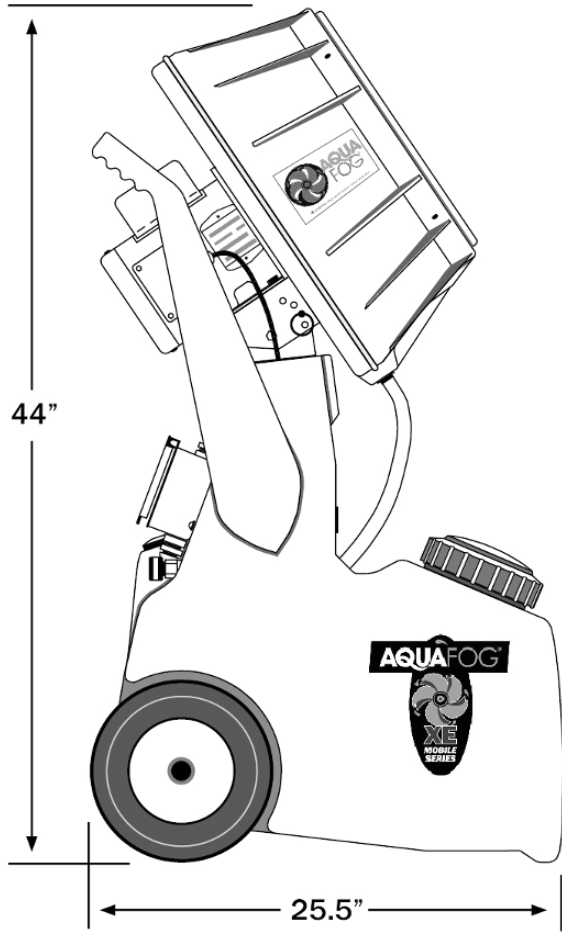
The CRSM has a circulation system within its tank to help keep chemical solutions properly mixed during fogging operations. An important feature when using solutions that tend to separate quickly.

- Independent Switch Controlled
- Maintains Mixture of Chemical Solutions





# SPECIFICATIONS



|                                  |   |
|----------------------------------|---|
| <b>Unit Dimensions:</b>          | Width 21 in / 53 cm<br>Length 25.5 in / 65 cm<br>Height 44 in / 112 cm  |
| <b>Approximate Unit Weight:</b>  | 85 lbs / 38.5 kg  |
| <b>Shipping Weight:</b>          | 136 lbs / 61.7 kg   |
| <b>Shipping Dimensions:</b>      | 46"x 24"x 32" (LxWxH)   |
| <b>Fogging Head Pivot Angle:</b> | 0°, 15°, 30°, 45°   |
| <b>Motor/ Electrical:</b>        | 1/2 hp - 7.8 amps @ 115V (60Hz)   |
| <b>Noise @ 10 ft:</b>            | 72 dB(A) - 60Hz   |
| <b>Average Particle Size:</b>    | 5-10 microns @ low output   |
| <b>Output Range:</b>             | 1 - 11 GPH (60Hz)   |
| <b>Tank Capacity:</b>            | 18 US gal / 68 L  |
| <b>CFM:</b>                      | 3,000 - 60Hz  |
| <b>304 Stainless Steel:</b>      | All hardware, sheet steel and wire  |
| <b>Environment:</b>              | Endures temperatures from<br>33° to 160° F<br>Indoors / outdoors<br>Humidity to 100% RH<br>UV stabilized & impact resistant |

# ACCESSORIES



## Temperature-Humidity Meter

### Ideal for applications below 95% Relative Humidity

This precision hand-held thermo/hygrometer is ideal for measuring and monitoring ambient temperatures and relative humidity in a wide range of professional and industrial applications. Dual readout LCD displays in °F or °C.

- Temperature range/accuracy: 32 to 122°F (0 to 50°C)/1.8°F (1°C)
- Humidity range/accuracy: 20 to 95%RH /3%
- Response time: 60 seconds
- Power source: CR2032 Lithium-ion battery (included)

# ORSM

## Mobile Chemical Fogger

The ORSM is a powerful, compact atomizer for the dispersion of liquid chemical solutions. Common industrial uses include disinfecting and odor control. Tank holds up to 18 gallons for convenient portable use. ORSM can also connect to a metering pump and fresh water supply for long-term operation.

The ORSM is a centrifugal atomizer that produces billions of tiny, fog-like particles combined with powerful airflow. Fumigate interior air spaces for sterilization of surface areas and efficiently disperse chemical solutions for indoor/outdoor applications.

This durable, mobile fogger has powerful propulsion and a pivotable fogging head. Fogging output is factory set at 3 gallons per hour and can be re-calibrated from 1 to 11 (GPH) for a variety of applications, including humidification.

- Nozzle-Free Atomization
- Adjustable Output Up to 11 GPH
- Chemical & Corrosion Resistant
- Indoor or Outdoor Use
- Arrives Fully Assembled



## Standard Controls and Features

The ORSM has water-tight connections and a double-throw NEMA 4X switch box. The ORSM's maximum flow rate (ball valve fully open) can be recalibrated to any rate between 1 and 11 GPH.

- Fluid Level Gauge
- 1/4 Turn Flow Control Ball Valve
- Internal Calibration Valve
- In-line Strainer with Clear Cap
- Garden Hose Connection
- 18' Power Cord

## Jaybird's Rear-Feed Blade

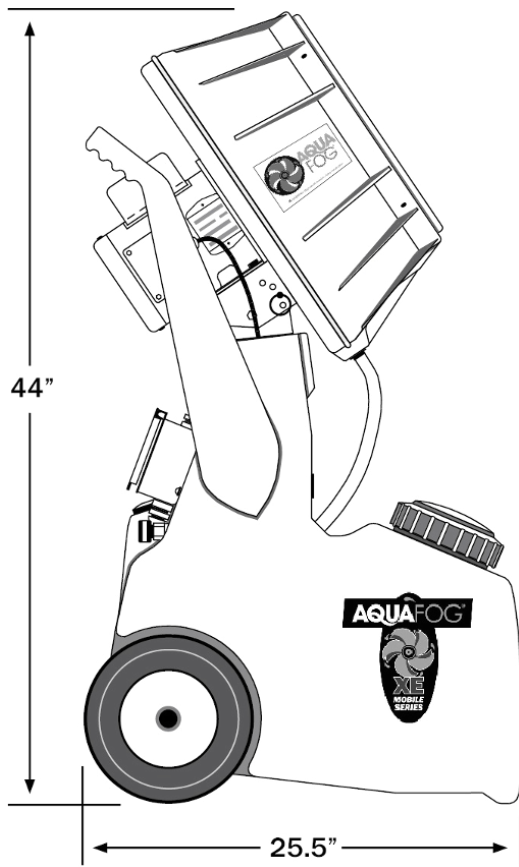
Our exclusive blade design is a significant product development, enhancing reliability and performance.

## ABB Wash-Down-Duty Motor

- Industrial grade
- For use around water



# SPECIFICATIONS



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

**Approximate Unit Weight:** 80 lbs / 36.3 kg

**Shipping Weight:** 129 lbs / 58.5 kg

**Shipping Dimensions:** 46"x 24"x 32" (LxWxH)

**Fogging Head Pivot Angle:** 0°, 15°, 30°, 45°

**Motor/ Electrical:** 1/2 hp - 7.8 amps @ 115V (60Hz)

**Noise @ 10 ft:** 72 dB(A) - 60Hz

**Average Particle Size:** 5-10 microns @ low output

**Output Range:** 1 - 11 GPH (60Hz)

**Tank Capacity:** 18 US gal / 68 L

**CFM:** 3,000 - 60Hz

**304 Stainless Steel:** All hardware, sheet steel and wire goods

**Environment:** Endures temperatures from  
33° to 160° F

Indoors / outdoors

Humidity to 100% RH

UV stabilized & impact resistant

## Fluid Level Auto Shutoff

If the tank's fluid level gets low, the unit will shut down.

This custom feature is not compatible with automated controls. If you are planning to automate your unit using a humidistat, timer or other controller, then this option will not work.

An important add-on feature for certain applications, a momentary push button switch operates the power supply through an electrical relay that is controlled by an internal fluid-level switch. If the unit shuts down, refill the tank and manually push the start button again.

- Allow extra 2-3 days lead time
- Not compatible with automated controls



# GT 500

## Direct Feed Fog Fan

The GT 500 Direct Feed is an easy-to-install hanging fan ideal for interior humidification, evaporative cooling, and chemical fogging. Components are UV stabilized and suitable for outdoor use.

This centrifugal atomizer has a rear-feed blade system that produces billions of tiny, fog-like particles that evaporate quickly. A hydrophilic front guard helps keep floors dry. The fogging output is adjustable and controlled by a flowmeter. Units can also be fed using a metering pump or gravity feed system.

The GT 500 Direct Feed comes equipped with 30' of water line, a garden hose connector, 16' of drainage line, and the flowmeter panel of your choice. Units hang by either a single U-bolt or a universal mounting bolt.

- Up to 15 GPH
- Energy-Efficient
- Pivot Fogging Head
- 115V - 15' cord w/ plug
- 230V - 15' cord w/ connector
- Arrives Fully Assembled



## Flowmeter Control Panel

GT 500 direct feed units come with a flowmeter panel of your choice. These panels control the water flow rate and fogging output. They feature stainless steel construction and a clear polycarbonate flow rate scale for monitoring. Flowmeters require a water supply of 10 to 100 PSI.

The smaller flow rate panels are generally used in applications requiring drier fog.

### Flowmeter Sizes with Related Applications:

#### 1-15 GPH

Horticulture  
Evaporative Cooling  
Concrete Curing  
Mushrooms

#### 1-11 GPH

Manufacturing Plant  
Wood/Lumber/Paper  
Wine/Barrel Storage

#### 3-5 GPH

(20-300 cc/min)

Manufacturing Plant  
Textile Plant  
Dust/Static Control

#### .1-2 GPH

(10-110 cc/min)

Odor Control

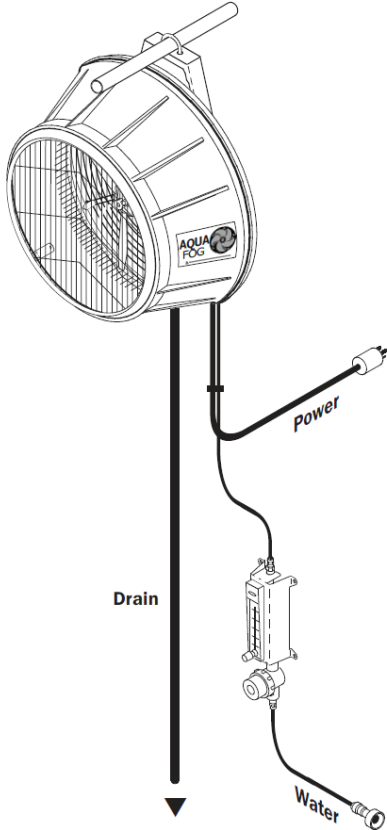
## Hydrophilic Guard

The front guard is designed to meet OSHA fan guard requirements and wick away water.

- Meets OSHA 1/2" Spacing Requirement
- Stainless Steel



# SPECIFICATIONS



|                               |  |
|-------------------------------|--|
| <b>Overall Dimensions:</b>    | Diameter 21 in / 53.5 cm<br>Depth 17.5 in / 44.5 cm<br>Height 25 in / 63.5 cm  |
| <b>Propulsion Distance</b>    | 25-30 ft / 7.6-9.1 m   |
| <b>Noise @ 10 ft:</b>         | 70 dB(A)   |
| <b>Average Particle Size:</b> | 5-10 microns @ low volume<br>30 microns @ high volume  |
| <b>CFM:</b>                   | 2,000  |
| <b>Operation:</b>             | Continuous duty capability   |
| <b>Energy Consumption:</b>    | 1/4 HP - 3.4 amps @ 115V<br>1/4 HP - 1.8 amps @ 230V<br>1/5 HP - 2.0 amps @ 240V 50Hz                                    |
| <b>Shipping Weight:</b>       | 42 lbs / 18.6 kg   |
| <b>Box Dimensions:</b>        | 21" x 21" x 17"<br>53cm x 53cm x 42cm  |
| <b>Environment:</b>           | Endures temperatures from 31° to 160° F<br>Indoors / outdoors<br>Humidity to 100% RH<br>UV stabilized & impact resistant |



## Digital Humidistat Control - DF

Environmental Controller w/ Humidity Sensor & Solenoid Package  
A precision controller suitable for many applications. Control is very fast acting, displays humidity levels and has programmable differential range.

- Not recommended for prolonged use above 90% RH.

- Fast Acting Digital Sensor
- Range 5-99% RH
- Includes Water Solenoid for Direct Feed
- Rated up to 1200W (10A @ 115V)
- Over-Humidity and Sensor Fault Alarm

### VOLTAGE

115V—60HZ or 200-250V—50/60HZ

## Jaybird Humidistat - DF

Dependable, Easy to Use. This pre-wired humidistat is ideal for control in applications under 80% RH. Controller incorporates a mechanical-action sensor with simple dial control.

- Range 20-80% RH
- Includes Water Solenoid for Direct Feed
- Rated up to 1400W (12A @ 115V)

Piggy-back plug, device Piggy-back plug, device



# GT 500-HS

## Hanging Sump Fog System

The GT 500 Hanging Sump is a ready-to-operate unit designed for interior humidification, evaporative cooling, and chemical fogging. Components are UV stabilized and suitable for outdoor use.

This centrifugal atomizer has a rear-feed blade system that produces billions of tiny, fog-like particles that evaporate quickly. A hydrophilic front guard helps keep floors dry. The unit's sump recycles wastewater and conserves water, making this unit great for use in drought-prone areas. The GT Hanging Sump uses a float valve to maintain the water level in the tank, a submersible pump to send water to the fogging head, and ball valve to control the fogging output.

The Hanging Sump comes equipped with an on/off power switch, 20' of water line, and a 15' power cord with plug. Units hang by either a single U-bolt or a universal mounting bolt.

- Nozzle-Free Atomization
- Easy Pivot Fogging Head
- Corrosion Resistant
- Recycles Wastewater
- Arrives Fully Assembled



## Standard Controls and Features

GT 500 Hanging Sump comes outfitted for manual operation. The system can be automated by adding a control package.

- Up to 15 GPH
- Water-tight Switch Box
- 3 Gallon Sump w/Easy Access Lid
- Garden Hose Connect

A 1/4 turn ball valve controls the fogging output. Lower flow rates are generally used in applications requiring drier fog.

### Flow Rate with Related Applications:

#### UP TO 15 GPH

Ag/Horticulture  
Concrete Curing  
Evaporative Cooling  
Mushrooms

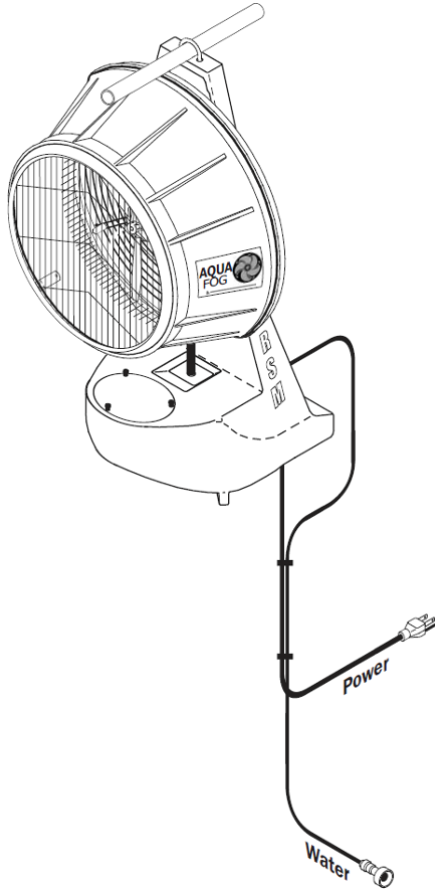
#### UP TO 10 GPH

Manufacturing Plant  
Wine/Barrel Storage  
Wood/Lumber/Paper

#### 3 UP TO 5 GPH

Mfg Dust/Static  
Textile Plant  
Fumigation

# SPECIFICATIONS



|                               |   |
|-------------------------------|---|
| <b>Overall Dimensions:</b>    | Diameter 21 in / 53.5 cm<br>Depth 17.5 in / 44.5 cm<br>Height 25 in / 63.5 cm   |
| <b>Unit Weight:</b>           | 38 lbs / 17.2 kg  |
| <b>Propulsion Distance</b>    | 25 - 30 ft / 7.6 - 9.1 m  |
| <b>Noise @ 10 ft:</b>         | 68 - 70 dB(A)   |
| <b>Average Particle Size:</b> | 5-10 microns @ low volume<br>30 microns @ high volume   |
| <b>CFM:</b>                   | 1,800–2,000   |
| <b>Tank Capacity:</b>         | 3 gallon (US) / 11.3 liter  |
| <b>Operation:</b>             | Continuous duty capability  |
| <b>Energy Consumption:</b>    | 1/4 HP - 3.6 amps @ 115V<br>1/5 HP - 2.3 amps @ 240V 50Hz   |
| <b>Shipping Weight:</b>       | 55 lbs / 25 kg  |
| <b>Shipping Dimensions:</b>   | 19" x 24" x 38"<br>48cm x 61cm x 97cm   |
| <b>Environment:</b>           | Endures temperatures from<br>33° to 160° F<br>Indoors / outdoors<br>Humidity to 100% RH<br>UV stabilized & impact resistant |



## XE 360 Oscillator

### Increase Coverage & Circulation

Ideal for interior applications and when hanging for permanent installation, consider the use of an Oscillator. The sweeping action of a fogging unit not only alleviates droplet collisions and fallout, but also enhances air circulation. The steady, continuous movement provides for uniform coverage patterns up to 70 feet in diameter. This allows the operator to fog at higher output levels than a stationary unit operating under equal conditions, resulting in less fallout and improved dryness underneath the fog pattern.

- 304 Stainless Steel Enclosure
- Dwell-free Sweeps from 15° to 360°
- Full 360° Rotation in 3 Minutes
- On/Off Toggle Switch
- Durable 75 Pound Weight Capacity

# Hydro SS 700-DF

## Direct Feed Fog Fan

The Hydro SS 700 Direct Feed is our smallest, simplest fog fan. This unit is easy to install, dependable, and low in cost, so it is ideal for humidification and evaporative cooling in smaller settings.

This centrifugal atomizer has a rear-feed blade system that quietly produces billions of tiny, fog-like particles that evaporate quickly. Units hang by either a single U-bolt or a universal mounting bolt. The housing pivots easily by hand.

Each unit comes with a 14' power cord with plug, 20' of water line with hose connector, 12' of drain line, and a visual flowmeter control panel. Components are UV stabilized for greenhouse or outdoor use. All control packages for the Hydro SS 700 Direct Feed include a water solenoid to control both power and water supplies.

- Quiet Operation
- Easy Pivot Fogging Head
- Nozzle-Free Atomization
- Up to 5 GPH
- Stainless Steel Components
- Arrives Fully Assembled



## Flowmeter Control Panel

Hydro SS 700 Direct Feed unit comes with a flowmeter panel. This panel controls the water flow rate and fogging output. It features stainless steel construction and a clear polycarbonate flow rate scale for monitoring. Flowmeters require a water supply of 10 to 100 PSI.

The scale is displayed in cc/minute and equals a flow rate up to 5 gallons per hour.

- 20-300 cc/min (.3 to 5 GPH)
- Needle Valve Flow Control
- In-line Strainer

## Jaybird's Rear-Feed Blade

Our exclusive blade design is a significant product development, enhancing reliability and performance.

## Fasco Motor

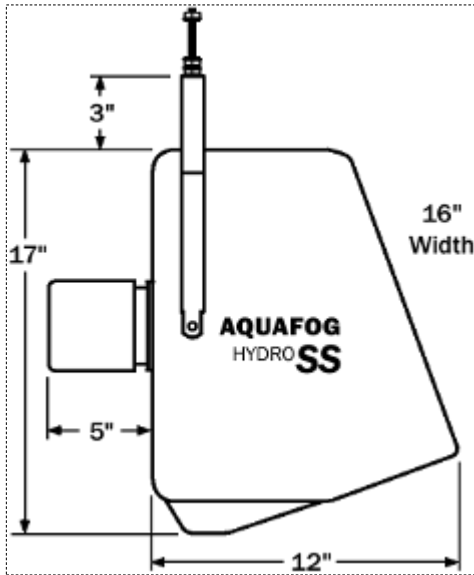
Totally enclosed shaded-pole motor

- Stainless Steel Shaft and Mounting Studs
- Accessible Oil Ports to Bronze Bearings
- Fan-Cooled with Epoxy Finish





# SPECIFICATIONS



- Fogging Capability:** Up to 5 gal per hour
- CFM:** 980
- Motor:** 1/20 HP, 115V, 60Hz
- Energy Consumption:** 1.5A @ 115V
- Noise @ 10 ft distance:** 63 dB(A) @ 10 ft
- Average Particle Size:** 40 microns
- Weight:** 10 lbs
- Unit Dimensions:** Width 16"  
Depth 17"  
Height 20"
- Hardware:** 304 (18/8) stainless steel
- Environment:** Endures temperatures from 33° to 160°  
Indoors / outdoors  
Humidity to 85% RH  
UV stabilized & impact resistant
- Shipping Weight:** 19 lbs
- Box Dimensions:** 19" x 19" x 19"

## AVAILABLE OPTIONS

**Environmental Controller w/ Humidity Sensor & Solenoid Package**  
A precision controller suitable for many applications. Control is very fast acting, displays humidity levels and has programmable differential range.

- Not recommended for prolonged use above 90% RH.

- Fast Acting Digital Sensor
- Range 5-99% RH
- Includes Water Solenoid for Direct Feed
- Rated up to 1200W (10A @ 115V)
- Over-Humidity and Sensor Fault Alarm



**Digital Humidistat Control - DF**

**MOLDED FLOOR STAND**



**ECONOMY TRAVELING FLOOR STAND**



**WALL MOUNT**



**CEILING MOUNT**

# Hydro SS 700-BT

## Bench Top Fog System

The Hydro SS 700 Bench Top is a ready-to-operate unit that is ideal for small settings. Applications include interior humidification and evaporative cooling, and components are UV stabilized for greenhouse or outdoor use.

This centrifugal atomizer has a rear-feed blade system that quietly produces billions of tiny, fog-like particles that evaporate quickly. The unit's sump captures and recycles wastewater, eliminating the need for a drainage area. This feature conserves water, making this unit great for use in drought-prone areas.

The Bench Top uses a float valve to maintain the water level in the tank, a submersible pump to send water to the fogging head, and ball valve to control the fogging output. The Bench Top comes equipped with an on/off power switch, 15' of water line, and a 12' power cord with plug.

- Quiet Nozzle-Free Atomization
- Up to 4 GPH
- Easy Pivot Fogging Head
- Recycles Wastewater
- Stainless Steel Components



## Standard Controls and Features

Hydro SS 700 Bench Top comes outfitted for manual operation. The system can be automated by adding a control package.

- 1/4 turn, Flow Control Ball Valve
- Stainless Steel Hanger and Housing Support
- Simple Garden Hose Connect
- Water-tight NEMA 4X Switch Box

## Jaybird's Rear-Feed Blade

Our exclusive blade design is a significant product development, enhancing reliability and performance.

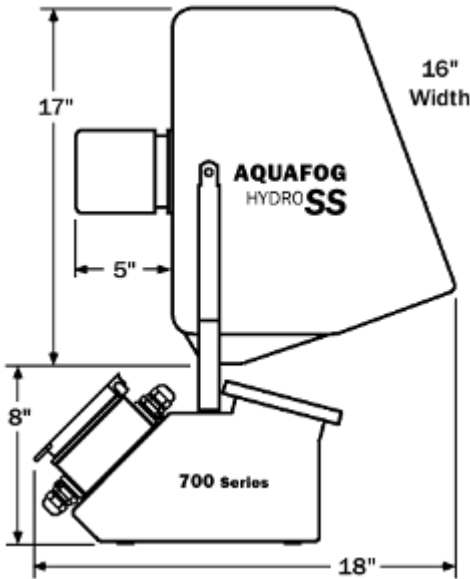
## Fasco Motor

Totally enclosed shaded-pole motor

- Stainless Steel Shaft and Mounting Studs
- Accessible Oil Ports to Bronze Bearings
- Fan-Cooled with Epoxy Finish



# SPECIFICATIONS



|                                |  |
|--------------------------------|--|
| <b>Fogging Capability:</b>     | Up to 4 gal per hour   |
| <b>CFM:</b>                    | 980  |
| <b>Motor:</b>                  | 1/20 HP, 115V, 60Hz  |
| <b>Energy Consumption:</b>     | 1.6A @ 115V  |
| <b>Noise @ 10 ft distance:</b> | 63 dB(A) @ 10 ft   |
| <b>Average Particle Size:</b>  | 40 microns   |
| <b>Weight:</b>                 | 17 lbs   |
| <b>Unit Dimensions:</b>        | Width 16"<br>Depth 18"<br>Height 25"   |
| <b>Hardware:</b>               | 304 (18/8) Series stainless steel  |
| <b>Environment:</b>            | Endures temperatures from<br>33° to 160°<br>Indoors / outdoors<br>Humidity to 85% RH<br>UV stabilized & impact resistant |
| <b>Shipping Weight:</b>        | 28 lbs   |
| <b>Box Dimensions:</b>         | 25" x 20" x 21"  |

## AVAILABLE OPTIONS

### Jaybird Humidistat

Dependable, Easy to Use

This pre-wired humidistat is ideal for control in applications under 80% RH.

Controller incorporates a mechanical-action sensor with simple dial control.

- Range 20-80% RH
- Differential approximately 7%
- Rated up to 1400W (12A @ 115V)
- Piggy-back plug, device connect



### Digital Humidistat Control

Environmental Controller w/ Humidity Sensor

A precision controller suitable for many applications. Control is very fast acting, displays humidity levels and has programmable differential range.

- Not recommended for prolonged use above 90% RH.

- Fast-acting Digital Sensor
- Range 5-99% RH
- Rated up to 1200W (10A @ 115V)
- Over-Humidity and Sensor Fault Alarm

# Hydro SS 700-HS

## Hanging Sump Fog System

The Hydro SS 700 Hanging Sump is a ready-to-operate unit that is ideal for small settings. Applications include interior humidification and evaporative cooling, and components are UV stabilized for greenhouse or outdoor use.

This centrifugal atomizer has a rear-feed blade system that quietly produces billions of tiny, fog-like particles that evaporate quickly. The unit's sump captures and recycles wastewater, eliminating the need for a drainage area. This feature conserves water, making this unit great for use in drought-prone areas.

The Hanging Sump uses a float valve to maintain the water level in the tank, a submersible pump to send water to the fogging head, and ball valve to control the fogging output. The Hanging Sump comes equipped with an on/off power switch, 15' of water line, and a 12' power cord with plug. Units hang by either a single U-bolt or a universal mounting bolt.

- Quiet Nozzle-Free Atomization
- Up to 4 GPH
- Easy Pivot Fogging Head
- Recycles Wastewater
- Stainless Steel Components
- Arrives Fully Assembled



## Standard Controls and Features

Hydro SS 700 Hanging Sump comes outfitted for manual operation. The system can be automated by adding a control package.

- 1/4 turn, Flow Control Ball Valve
- Stainless Steel Hanger and Housing Support
- Simple Garden Hose Connect

## Jaybird's Rear-Feed Blade

Our exclusive blade design is a significant product development, enhancing reliability and performance.

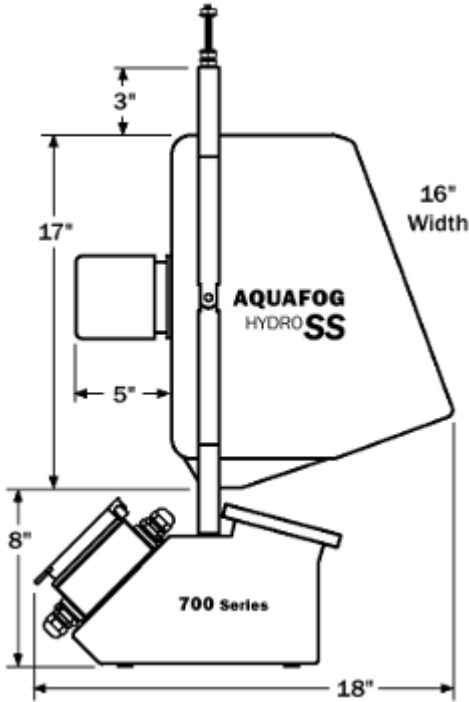


## Fasco Motor

Totally enclosed shaded-pole motor

- Stainless Steel Shaft and Mounting Studs
- Accessible Oil Ports to Bronze Bearings
- Fan-Cooled with Epoxy Finish Water-tight NEMA 4X Switch Box

# SPECIFICATIONS



**Fogging Capability:** Up to 4 gal per hour

**CFM:** 980

**Motor:** 1/20 HP, 115V, 60Hz

**Energy Consumption:** 1.6A @ 115V

**Noise @ 10 ft distance:** 63 dB(A) @ 10 ft

**Average Particle Size:** 40 microns

**Weight:** 18 lbs

**Unit Dimensions:** Width 16"

Depth 18"

Height 28"

**Hardware:** 304 (18/8) stainless steel

**Environment:** Endures temperatures from 33° to 160°

Indoors / outdoors

Humidity to 85% RH

UV stabilized & impact resistant

**Shipping Weight:** 28 lbs

**Box Dimensions:** 25" x 20" x 21"



## Temperature-Humidity Meter

### Ideal for applications below 95% Relative Humidity

This precision hand-held thermo/hygrometer is ideal for measuring and monitoring ambient temperatures and relative humidity in a wide range of professional and industrial applications. Dual readout LCD displays in °F or °C.

- Temperature range/accuracy: 32 to 122°F (0 to 50°C)/1.8°F (1°C)
- Humidity range/accuracy: 20 to 95%RH /3%
- Response time: 60 seconds
- Power source: CR2032 Lithium-ion battery (included)



## Temperature-Humidity Meter w/ Dew Point

### Ideal for applications up to 100% Relative Humidity

This precision hand-held thermo/hygrometer is ideal for measuring and monitoring ambient and dew point temperatures and relative humidity in a wide range of professional and industrial applications. Dual readout LCD displays in °F or °C.

- Temperature range/accuracy: -4 to 122°F (-20 to 50°C)/1.8°F (1°C)
- Humidity range/accuracy: 0 to 100%RH /3%
- Response time: 60 seconds
- Power source: Two "AAA" batteries (included)

# APPLICATIONS



GREENHOUSE PROPAGATION



CANNABIS GROWING



PESTICIDE FOGGING



GREENHOUSE HUMIDIFICATION



MUSHROOM GROWING



COLD STORAGE HUMIDIFICATION



HIGH HUMIDITY APPLICATION



TROPICAL ENVIRONMENTS



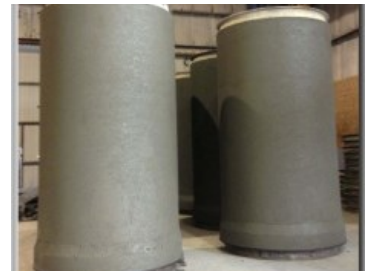
CONCRETE CURING



INDUSTRIAL HUMIDIFICATION



WAREHOUSE HUMIDIFICATION



CURE ROOM HUMIDIFIERS



WINE BARREL HUMIDIFICATION



INDUSTRIAL COOLING



COMMERCIAL HUMIDIFICATION DUST CONTROL



HAZARDOUS -DUTY HUMIDIFICATION



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