

SPECIFICATIONS

Capacity⁽¹⁾	11.5–34.6 gpd
Voltage	120, 208 or 240VAC
Amps	11.5 or 16 Amps
Weight: Unit only Operating	27 lbs.
Warranty	5 Years on all parts

⁽¹⁾Rated capacity and energy factor test done and current draw measured in accordance with AHAM DH-1 2008 at 80°F/60% RH inlet air at 0.0 ESP.

FEATURES

High capacity	One unit can provide between 92 and 277 pints per day or 11.5 and 34.6 gallons per day.
Electrode type humidifier	Generates steam by energizing two electrodes that extend into the steam canister. Current flowing in between the electrodes causes the water to boil creating steam.
Water requirements	The Anden Steam Humidifier uses standard potable water or softened water. Reverse Osmosis “RO” or deionized water is not recommended.
Easy to install	The fan pack can be surface mounted or recessed into a wall and connected directly to the steam humidifier.
Accessories included	Fan pack, Model A65 control, Model 71000019 drain trap assembly, 6' steam hose and 10' of drain tubing.
Display panel	Provides power switch for on/off operation, illuminates LEDs to show fill, drain, steam operations and diagnostics.
Internal control board	Manages the complete operation of the humidifier. Fills and drains to maintain proper amperage draw, water level and notifies when service is required.
Back flow protection	Air gap in the fill cap prevents pressure buildup.
Water level sensor	Manages the water level in the steam canister to prevent overfilling.
Automatic drain and fill cycle	Unit flushes and fills periodically to maintain the proper conductivity.
Drain water tempering	Unit uses cold inlet water to temper the canister water reducing the drain water temperature below 140°F to protect PVC piping and condensation pumps.
End-of-season drain	After a 72-hour period with no call for humidity, the humidifier will drain the water from the canister. Unit will remain in stand-by mode until next call for humidification.
Operating time monitor	Accumulates actual humidifier run time to activate periodic drain and fill cycles, end-of-season drain function and monitors the life of canister.
Easy to maintain	No cleaning or scrubbing, simply remove the steam canister and replace.



AS35FP

PRINCIPLE OF OPERATION

The Anden AS35FP Steam Humidifier operates utilizing electrode technology: current flowing between two electrodes in the disposable steam canister boils water to generate steam. Drain and fill valves in the humidifier work together to maintain the correct water level in the canister to satisfy the demand for humidity based on the electrical conductivity of the water.

APPLICATION

The Anden Model AS35FP disperses steam directly into the area to be humidified through a dedicated fan pack that is powered by the humidifier itself.

STEAM CAPACITY		VOLTAGE	CURRENT DRAW	
Pints/Day	Gallons/Day		Amps	kW
92	11.5	120V	11.5	1.4
128	16.0		16.0	1.9
164	20.5		11.5	2.4
240	30.0	208V	16.0	3.3
186.4	23.3		11.5	2.8
276.8	34.6	240V	16.0	3.8



Intertek

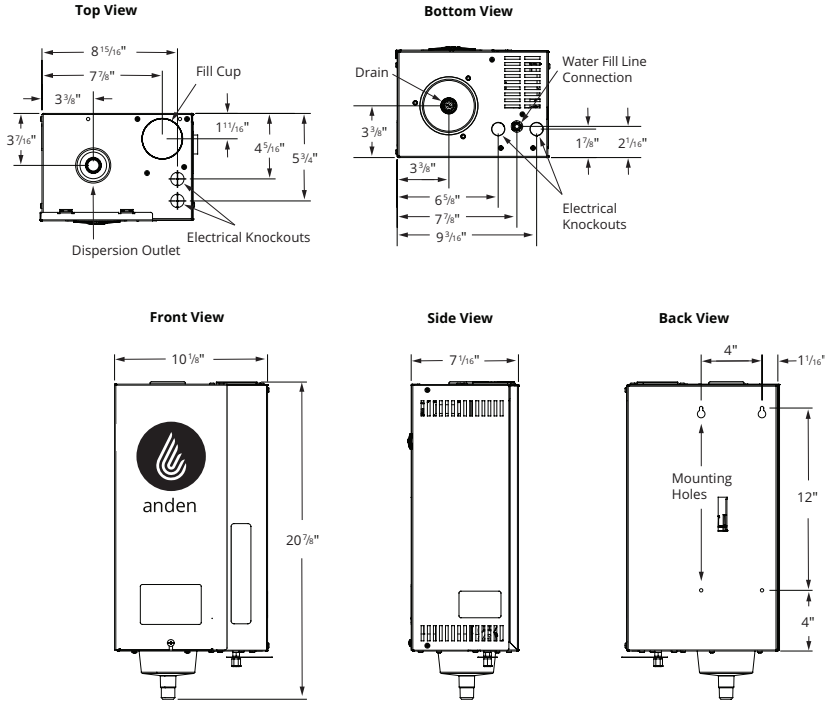


DESIGNED,
ENGINEERED &
ASSEMBLED



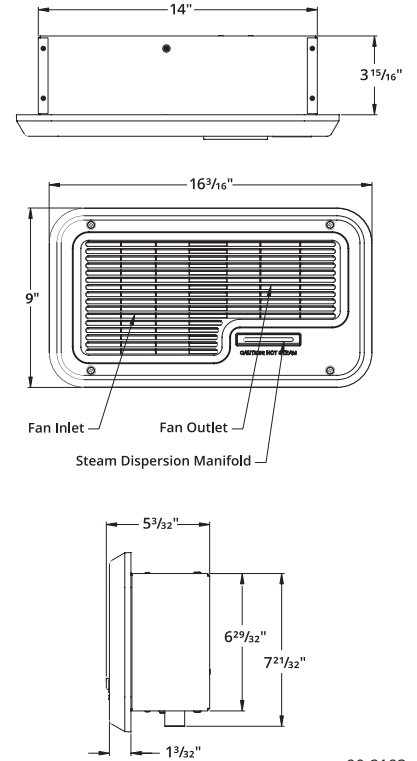
In Wisconsin

Steam Humidifier



90-2368

Fan Pack



90-2193

Included Control



Model A65
 Dedicated monitoring and control of each steam humidifier at canopy height.

MODEL A65 SPECIFICATIONS

Electrical

Input Voltage and Current

Voltage: 24V AC +/-20%
 Current: 25mA (nominal), 50mA (max.)
 at 24 V AC

Output

Dry Contact, Normally Open - H Terminals

Control

Humidity Setting Range

10%-90% RH

Accuracy

+/-5% RH

Differential

3%

Low Temp

40°F

High Temp

99°F

Weight

0.30 lbs. (130 g)