

Project: _____

Dealer: _____

Architect: _____

Engineer: _____

Contractor: _____

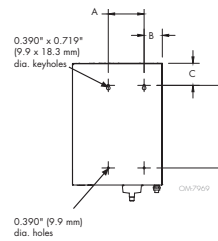
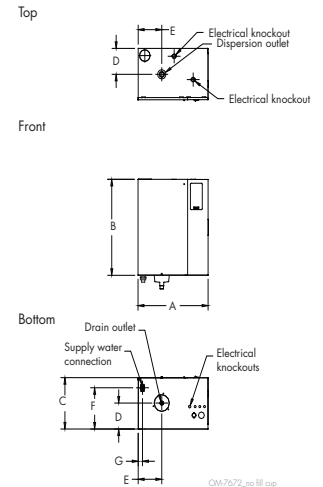
Location: _____

Suppliers: _____

Date: _____

SPECIFICATIONS	
Capacity	1,200 ppd
Voltage	240 HVAC, 3 Phase, 60 Hz
Amps	48 Amps
Breaker size	60 - 75 Amps
Weight: Unit only Operating	79 lbs.
Warranty	5 Years on all parts including refrigeration system

FEATURES	
High capacity	1200 pints/150 gallons per day.
Electrode type humidifier	Generates steam by energizing two electrodes that extend into the steam cylinder. Current flowing in between the electrodes causes the water to boil creating steam.
Water requirements	Use standard potable water or softened water. Reverse Osmosis "RO" or deionized water is not recommended. Water conductivity 125 - 1250 µS/cm or .125 - 1.25 EC.
Easy to install	Fan Pack mounts to top of steam humidifier. Can also be remotely mounted with steam hose part number 5940 (sold separately).
Accessories included	Fan pack, Vapor-logic® control, RH Transmitter, 7" steam hose and 2' of drain tubing.
Display panel	Includes on/off switch. Display panel 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	Prevents the steam cylinder from overfilling.
Automatic drain and fill cycle	Unit flushes and fills periodically to maintain the proper conductivity.
Optional drain tempering	Unit uses cold inlet water to temper the cylinder 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 cylinder. 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 cylinder.
Easy to maintain	No cleaning or scrubbing, simply remove the steam cylinder and replace.



► PRINCIPLE OF OPERATION

The Anden AS150 Steam Humidifier operates utilizing electrode technology: current flowing between two electrodes in the disposable steam cylinder 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 AS150 humidifier is designed to deliver humidity to any facility. The Anden Model AS150 disperses steam directly into the area to be humidified through a dedicated fan pack that is powered by the humidifier itself.



The submittal is intended to show general, overall product dimensions and provide guidance for installation clearance. Drawings are not to scale.