anden

Commercial-Grade Dehumidifier

Model A100 | Submittal Sheet

Project: _____

Architect: _____

Contractor: _____

Suppliers: _____

Dealer: _____

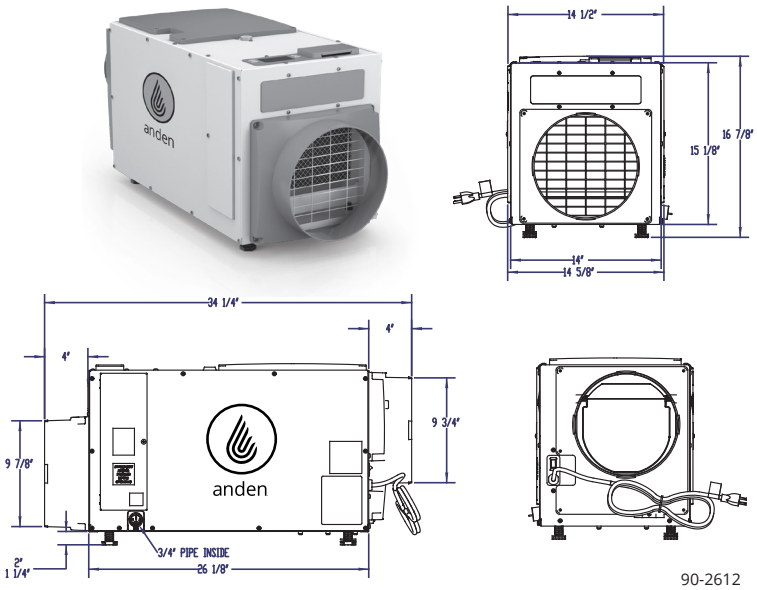
Engineer: _____

Location: _____

Date: _____

SPECIFICATIONS	
Capacity[1] (water removal)	100 ppd
Energy factor[1] (efficiency)	2.6 L/kWh (5.5 pints/kWh)
Voltage, Phase, Frequency	120VAC, 1 Phase, 60 Hz
Current draw[1]	6.7 Amps
Power (Watts)[1]	750 Watts
Btu/h[2]	3,040
CFM	280
Noise	55 dBA ducted
Dimensions (cabinet only)	Width: 14" Height: 15" Length: 26"
Weight	64 lbs.
Control	Built-in digital control with display
Cabinet insulation	½" EPS
Air discharge orientation	Top or end
Backdraft damper at outlet	Included
Filter	11 22/25" x 13½" x 1", MERV 11 (Part number 5895)
Refrigeration	R32
Coil type	Corrosion-resistant aluminum
Power cord length	8 ft.
Drain connection	¾" MNPT Threaded
10 ft. Drain tubing	¾" ID
Duct collars	10" Round
Warranty	5 Years

[1]Rated capacity and energy factor test done and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.
[2]Total cooling load @ 80°F/60% RH.



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PRINCIPLE OF OPERATION

The Anden Model A100 Medium-Capacity Commercial-Grade Dehumidifier is designed to dehumidify the air coming into the unit by passing the incoming air over an evaporator coil to drop the air temperature below the dew point of the air. Moisture is removed from the air and drained out of the unit to a common floor or waste drain. The air is then reheated in the condenser coil and exits the unit.

Dehumidification occurs until the set point is reached, then shuts off until periodic sampling determines a need for operation.

APPLICATION

The Anden Model A100 is the perfect solution for the precise management of humidity required in an indoor growing environment.

Intertek

5 YEAR WARRANTY

USA DESIGNED, ENGINEERED & ASSEMBLED In Wisconsin

The submittal is intended to show general, overall product dimensions and provide guidance for installation clearance. Drawings are not to scale. Ensure submittals are current. Research Products reserves the rights to make product change without notifications or obligations.

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