



Commercial-Grade Dehumidifier

Model A100F | Submittal Sheet

Project: _____

Dealer: _____

Architect: _____

Engineer: _____

Contractor: _____

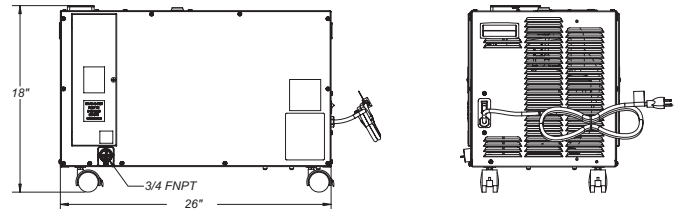
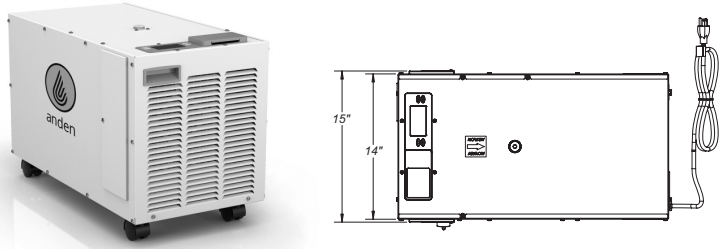
Location: _____

Suppliers: _____

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⁾	6.9 Amps
Power (Watts)⁽¹⁾	750 Watts
CFM	280
Btu/h⁽²⁾	3,040
Noise	55 dBA
Dimensions (cabinet only)⁽³⁾	Width: 14"
	Height: 15" 18" with casters
	Length: 26"
Weight	64 lbs.
Control	Built-in digital control with display
Cabinet insulation	½" EPS
Air discharge orientation	End
Backdraft damper at outlet	N/A
Filter	11 ²² / ₂₅ " x 13 ¹ / ₂ " x 1", MERV 11 (Part number 5895)
Refrigeration	R410A
Coil type	Corrosion-resistant aluminum
8' power cord	Plug type
Drain connection	¾" MNPT Threaded
Included drain tubing	10' length
Warranty	5 Years



90-2652

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 A100F is the perfect solution for the precise management of humidity required in an indoor growing environment.



⁽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.
⁽³⁾The width excludes the filter doors.

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.