



High-Capacity Grow-Optimized Dehumidifier

MODEL A320V1 | SUBMITTAL SHEET

Project: _____

Architect: _____

Contractor: _____

Suppliers: _____

Dealer: _____

Engineer: _____

Location: _____

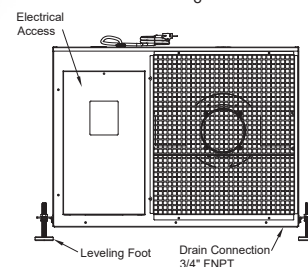
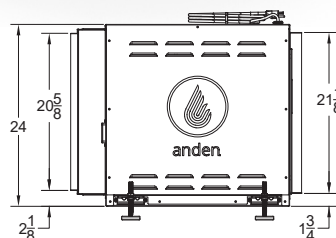
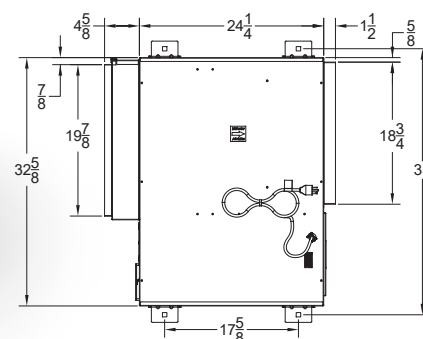
Date: _____

SPECIFICATIONS

Capacity⁽¹⁾ (water removal)	~295 ppd
Energy factor⁽¹⁾ (efficiency)	2.9 L/kWh (6.0 pints/kWh)
Voltage, Phase, Frequency	208/240V 1 Phase, 60 Hz
Current draw⁽¹⁾	9 Amps
Power (Watts)⁽¹⁾	2,050 Watts
Btu/h⁽²⁾	7,000
Breaker size	20 Amps
Dimensions (cabinet only)	Width: 32 $\frac{5}{8}$ " Height: 24" Length: 24 $\frac{1}{4}$ "
Weight	180 lbs.
Control	Model A77 included
Filter	MERV 11 disposable
Refrigerant	R-32
Coil type	Copper tube, Aluminum fin with ElectroFin® E-coat
Power cord type	SJT, 6-20P, 10ft
Hardwire	Field-configurable
Drain connection	$\frac{3}{4}$ " FNPT
Drain fittings	$\frac{3}{4}$ " MNPT x $\frac{3}{4}$ " BARB, $\frac{3}{4}$ " MNPT x $\frac{3}{4}$ " Female pipe, $\frac{3}{4}$ " FNPT x $\frac{3}{4}$ " Female pipe, $\frac{3}{4}$ " P-Trap
Warranty	5 Years on all parts including refrigeration system

⁽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, 208VAC.

⁽²⁾Total cooling load @ 80°F/60% RH.



90-2428

PRINCIPLE OF OPERATION

The Anden Model A320V1 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 the control determines a need for operation.

APPLICATION

The Anden Model A320V1 Dehumidifier is the perfect solution for the precise management of humidity required in an indoor growing environment.



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