

Project: _____

Architect: _____

Contractor: _____

Suppliers: _____

Dealer: _____

Engineer: _____

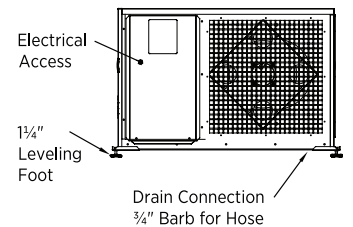
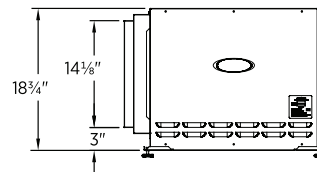
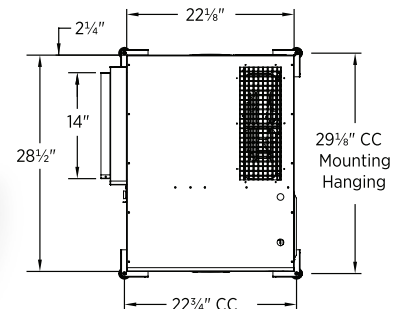
Location: _____

Date: _____

SPECIFICATIONS

Capacity⁽¹⁾ (water removal)	300 ppd
Energy factor⁽¹⁾ (efficiency)	2.2 L/kWh (4.6 pints/kWh)
BTU/h⁽²⁾	26,730
Voltage, Phase, Frequency	208/240VAC, 1 Phase, 60 Hz
Current draw⁽¹⁾	13.1 Amps
Power (Watts)⁽¹⁾	3,100 Watts
Min. circuit ampacity⁽³⁾	21A
Max. overcurrent protection⁽⁴⁾	36A
Dimension (cabinet only)⁽⁵⁾	Width: 28½" Height: 18¾" Length: 22⅞"
Weight	140 lbs.
Control	Model A76 included
Filter	MERV 11 disposable
Refrigerant	R410A
Coil type	E-coated
Power cord	Hardwired
Drain connection⁽⁶⁾	¾" NPT female bottom connection
Drain fittings	90°, ¾" MNPT x ¾" FNPT and ¾" MNPT x ¾" barbed
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.
⁽²⁾BTU@80°F/60% RH, sensible BTU/h output. ⁽³⁾Use when selecting wire size and type. ⁽⁴⁾Use when sizing the breaker or fuse. ⁽⁵⁾Filter rack adds 3⅞".
⁽⁶⁾Requires drain trap.
Note: All specifications are at 240VAC only, except minimum circuit ampacity and maximum overcurrent protection.



90-2365

► PRINCIPLE OF OPERATION

The Anden Model A300V1 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 A300V1 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. Ensure submittals are current. Research Products reserves the rights to make product change without notifications or obligations.