



High-Capacity, Grow-Optimized Dehumidifier

MODEL A210V1 | SUBMITTAL SHEET

Project: _____

Architect: _____

Contractor: _____

Suppliers: _____

Dealer: _____

Engineer: _____

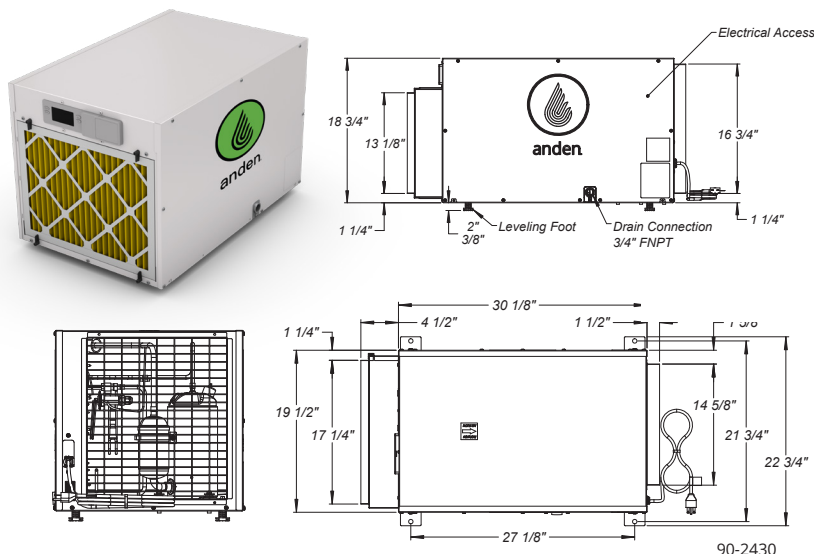
Location: _____

Date: _____

SPECIFICATIONS	
Capacity ⁽¹⁾ (water removal)	210 ppd
Energy factor ⁽¹⁾ (efficiency)	2.9 L/kWh (6.1 pints/kWh)
Voltage, Phase, Frequency	208/240VAC, 1 Phase, 60 Hz
Current draw ⁽¹⁾	7.1 Amps
Power (Watts) ⁽¹⁾	1,450
Btu/h ⁽²⁾	4,950
Breaker size	15 Amps
Dimensions (cabinet only)	Width: 19½" Height: 18¾" Length: 30⅛"
Weight	118 lbs.
Control	Model A77 included
Filter	MERV 11 disposable
Refrigerant	R410A
Coil type	Copper tube, Aluminum fin with i-coat
Power cord type	SJT, 6-15P, 10ft
Hardware	Field-configurable
Duct Kit	Sold Separately (Part #5790)
Drain connection	¾" FNPT
Drain fittings	¾" MNPT x ¾" BARB
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.



PRINCIPLE OF OPERATION

The Anden Model A210V1 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 A210V1 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.