

Project: \_\_\_\_\_

Architect: \_\_\_\_\_

Contractor: \_\_\_\_\_

Suppliers: \_\_\_\_\_

Dealer: \_\_\_\_\_

Engineer: \_\_\_\_\_

Location: \_\_\_\_\_

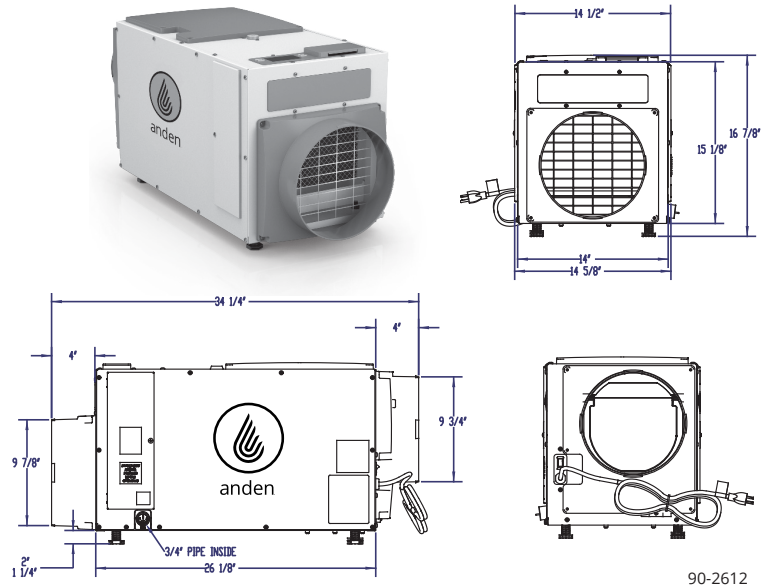
Date: \_\_\_\_\_

### SPECIFICATIONS

<b>Capacity<sup>(1)</sup> (water removal)</b>	100 ppd
<b>Energy factor<sup>(1)</sup> (efficiency)</b>	2.6 L/kWh (5.5 pints/kWh)
<b>Voltage, Phase, Frequency</b>	120VAC, 1 Phase, 60 Hz
<b>Current draw<sup>(1)</sup></b>	6.9 Amps
<b>Power (Watts)<sup>(1)</sup></b>	750 Watts
<b>Btu/h<sup>(2)</sup></b>	3,040
<b>CFM</b>	280
<b>Noise</b>	55 dBA ducted
<b>Dimensions (cabinet only)</b>	Width: 14" Height: 15" Length: 26"
<b>Weight</b>	64 lbs.
<b>Control</b>	Built-in digital control with display
<b>Cabinet insulation</b>	½" EPS
<b>Air discharge orientation</b>	Top or end
<b>Backdraft damper at outlet</b>	Included
<b>Filter</b>	11 <sup>22</sup> / <sub>25</sub> " x 13 <sup>1</sup> / <sub>2</sub> " x 1", MERV 11 (Part number 5895)
<b>Refrigeration</b>	R410A
<b>Coil type</b>	Corrosion-resistant aluminum
<b>Power cord length</b>	8 ft.
<b>Drain connection</b>	¾" MNPT Threaded
<b>10 ft. Drain tubing</b>	¾" ID
<b>Duct collars</b>	10" Round
<b>Warranty</b>	5 Years

<sup>(1)</sup>Rated capacity and energy factor test done and current draw measured at 80°F/60% RH inlet air at 0.0 ESP.

<sup>(2)</sup>Total cooling load @ 80°F/60% RH.



### ► 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.



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.