



# High-Capacity Grow-Optimized Dehumidifier

## MODEL A320V3 | SUBMITTAL SHEET

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

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

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

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

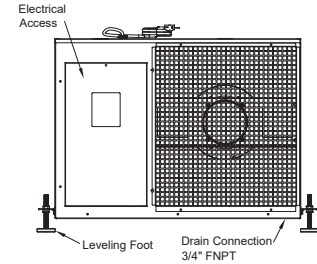
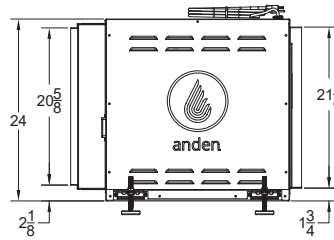
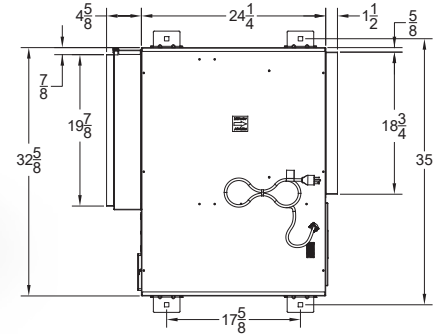
Dealer: \_\_\_\_\_

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

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

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

| SPECIFICATIONS                                      |                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Capacity<sup>(1)</sup><br/>(water removal)</b>   | 315 ppd                                                                                                                                                                              |
| <b>Energy factor<sup>(1)</sup><br/>(efficiency)</b> | 2.6 L/kWh (5.5 pints/kWh)                                                                                                                                                            |
| <b>Voltage, Phase, Frequency</b>                    | 277VAC, 1 Phase, 60 Hz                                                                                                                                                               |
| <b>Current draw<sup>(1)</sup></b>                   | 9.2 Amps                                                                                                                                                                             |
| <b>Power (Watts)<sup>(1)</sup></b>                  | 2,450 Watts                                                                                                                                                                          |
| <b>Btu/h<sup>(2)</sup></b>                          | 7,900                                                                                                                                                                                |
| <b>Breaker size</b>                                 | 20 Amps                                                                                                                                                                              |
| <b>Dimensions<br/>(cabinet only)</b>                | Width: 32 $\frac{5}{8}$ "<br>Height: 24"<br>Length: 24 $\frac{1}{4}$ "                                                                                                               |
| <b>Weight</b>                                       | 180 lbs.                                                                                                                                                                             |
| <b>Control</b>                                      | Model A77 included                                                                                                                                                                   |
| <b>Filter</b>                                       | MERV 11 disposable                                                                                                                                                                   |
| <b>Refrigerant</b>                                  | R410A                                                                                                                                                                                |
| <b>Coil type</b>                                    | Copper tube, Aluminum fin with ElectroFin® E-coat                                                                                                                                    |
| <b>Power cord type</b>                              | SJT, L7-20P, 10ft                                                                                                                                                                    |
| <b>Hardwire</b>                                     | Field-configurable                                                                                                                                                                   |
| <b>Duct Kit</b>                                     | Sold Separately (Part #5807)                                                                                                                                                         |
| <b>Drain connection</b>                             | $\frac{3}{4}$ " FNPT                                                                                                                                                                 |
| <b>Drain fittings</b>                               | $\frac{3}{4}$ " MNPT x $\frac{3}{4}$ " BARB,<br>$\frac{3}{4}$ " MNPT x $\frac{3}{4}$ " Female pipe,<br>$\frac{3}{4}$ " FNPT x $\frac{3}{4}$ " Female pipe,<br>$\frac{3}{4}$ " P-Trap |
| <b>Warranty</b>                                     | 5 Years on all parts including refrigeration system                                                                                                                                  |



90-2428

### ► PRINCIPLE OF OPERATION

The Anden Model A320V3 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 A320V3 Dehumidifier is the perfect solution for the precise management of humidity required in an indoor growing environment.



Intertek

DESIGNED,  
ENGINEERED &  
ASSEMBLED

In Wisconsin

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

Form No. 6544 • 310966 02.22  
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Anden reserves the right to change specifications without notice.