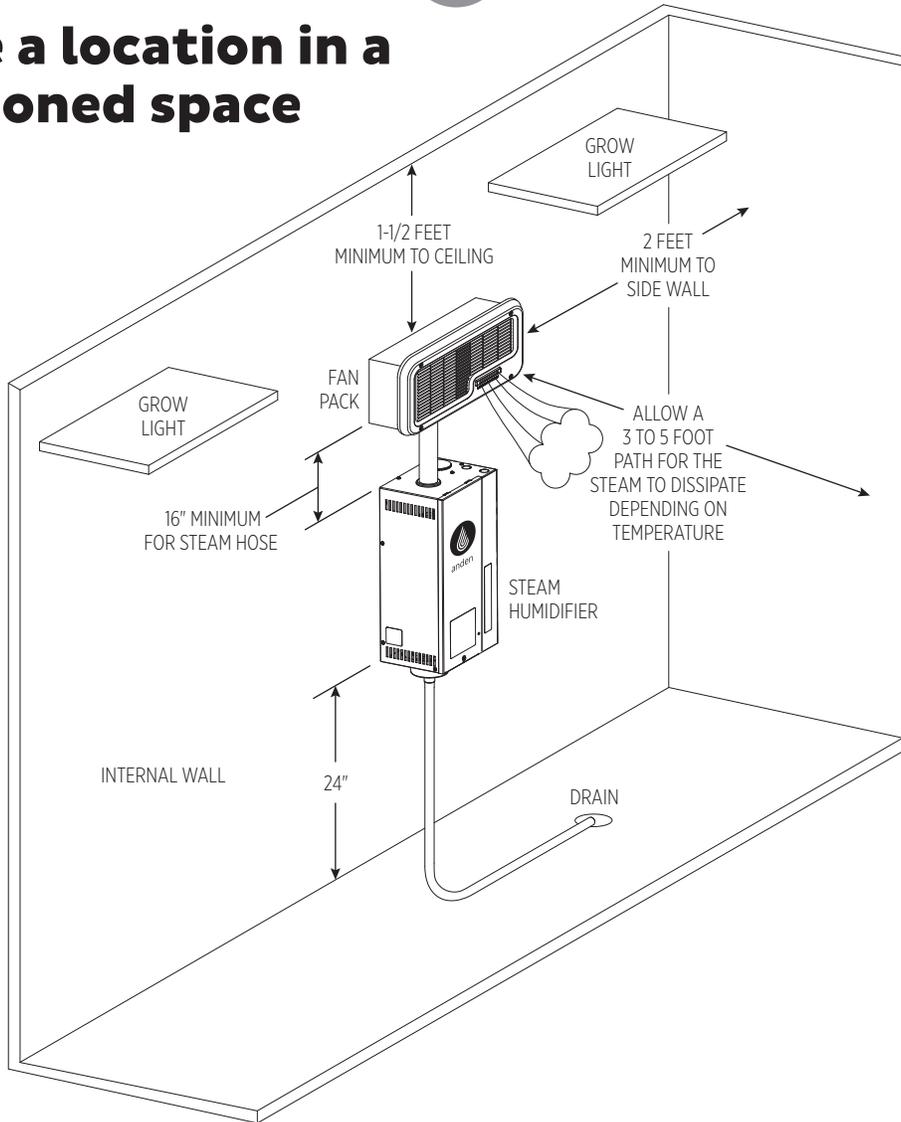


1

Choose a location in a conditioned space



90-2196

2

Fan pack location

The fan pack has a set fan speed, the fan blows over the steam outlet to help the steam absorb into the surrounding air. See the figure above for placement guidance. Install the fan pack such that steam is dispersed above canopy height.

3

Install drain line

- Secure 7/8" drain line with the hose clamp provided. **Do not over tighten.**
- Make sure drain line has a constant downward slope and is not kinked or blocked.
- If floor drain is not available, use condensate pump to route water to a drain.

NOTE: The humidifier uses cold water to temper drain water to less than 140°F.

4

Water quality and canister selection

The Steam Humidifier operates on water with conductivity between 75 and 1,250 EC.

- Connect to water supply. **Do not use RO or DI water.**
- Use cold water only.

| WATER QUALITY GUIDELINES | | | | | |
|--------------------------|------------|-----------------|---------------------------------|--------|--------|
| EC (1:1) Research | Grains/Gal | Hardness | Recommended Canister by Voltage | | |
| | | | 120VAC | 208VAC | 240VAC |
| 75-100 | 0-3 | Naturally Soft | Installation Not Recommended | AS80LC | AS80LC |
| 100-300 | 3-9 | Naturally Soft | AS80LC | AS80LC | AS80LC |
| 300-500 | 9-15 | Slightly Hard | AS80LC | AS80 | AS80 |
| 500-650 | 15-20 | Moderately Hard | AS80LC | AS80 | AS80 |
| 650-850 | 20-25 | Hard | AS80LC | AS80 | AS80 |
| 850-1250 | 25-36 | Very Hard | AS80LC | AS80 | AS80 |
| above 1250 | above 36 | Extremely Hard | Installation Not Recommended | | |
| | | Softened | AS80 | AS80 | AS80 |

5

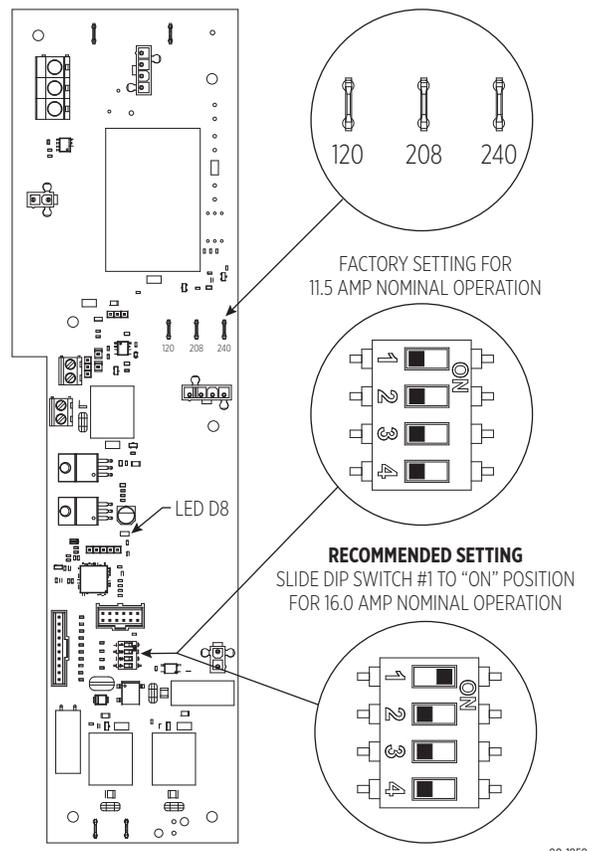
Capacity

Settings are chosen based on desired capacity.

| STEAM CAPACITY | | |
|-------------------|-----------------------|----------------------------------|
| Amperage | Voltage | Maximum Steam Capacity (gal/day) |
| 11.5 | 120V | 11.5 |
| | 208V | 20.5 |
| | 240V | 23.3 |
| 16.0 (Nominal) | 120V | 16.0 |
| | 208V (recommended) | 30.0 |
| | 240V (recommended) | 34.6 |

Circuit board dip switches

For max capacity connect to 240V and set dip switch from 11.5 to 16 Amps.



Sequence of operation

1. Green lights:

- a. Solid “on/off” light indicates humidifier is turned on.
- b. 1 minute flashing “on/off” light indicates power is restored to humidifier.
- c. Steam light on means steam is being created.
- d. Fill light on means water is being added to humidifier.
- e. Drain light on means water is draining from humidifier.

2. Expected noises from the humidifier:

- a. Clicking noise of valve opening to add water.
- b. Clicking noise of drain valve opening during the drain cycle.
- c. Clicking noise of the relays opening and closing during normal operation of the humidifier.
- d. Sound of water flowing through the humidifier.

3. Humidistat will call for humidity,

- a. Steam light will turn green.
 - i. Electricity will pass through the water in the canister unit causing the water to heat to boiling point, which sends the steam up the hose.
 - ii. On startup and steam canister replacement the water within the canister could take at least 30 minutes to boil and several days to condition and reach full capacity.
 - iii. Once the water in the canister is conditioned, the water will boil almost immediately.

4. Drain valve operation

- a. Any time the drain valve is activated, the Drain light illuminates green.

For additional help

Call Anden Tech Support at 1-800-972-3710. The Quick Start Guide is to be used as reference only. Installation is to be in accordance with Installation and Operating Instructions provided with the dehumidifier.