

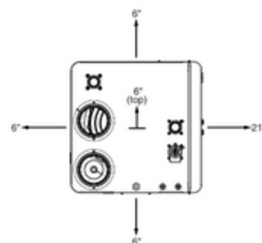
QUICK REFERENCE INSTALL GUIDE

1

Location

I/O Section 4

- Select an indoor location close to water fixtures
- Be mindful of service clearance recommendations

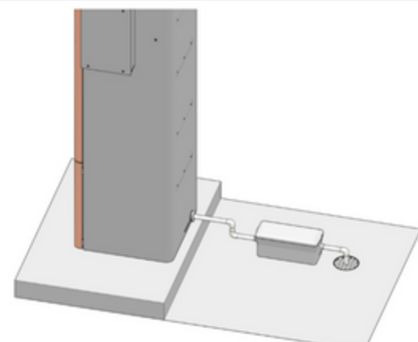


2

Water

I/O Section 8

- Install all included water-side components
 - T&P Valve & Wye Strainer
- Ensure an appropriately sized expansion tank is installed on the cold-water inlet line
- Check water hardness to ensure compliance with table (Section 18 IOM)
- Ensure condensate routing is sloped downwards towards the drain. Copper should not be used for routing condensate.
- Some jurisdictions require a condensate neutralizer. Ensure that the neutralizer is set below the level of the unit so that condensate can drain



3

Gas

I/O Section 6

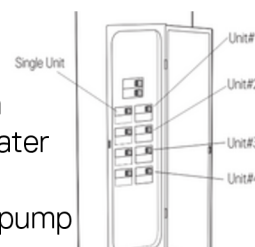
- Ensure static pressure is within allowable range (2.5"-14" for NG, 8"-14" for LP)
- Install a dedicated regulator for each unit installed. Regulators must be installed with a minimum of 12" of straight length on either side and a recommended minimum of 6' from the unit. If regulator manufacturer recommends more distance, follow their guidelines

4

Electric

I/O Section 9

- Route each unit to a dedicated breaker
- Do not power unit on without filling with water
- Install pump fuses in pump before powering on

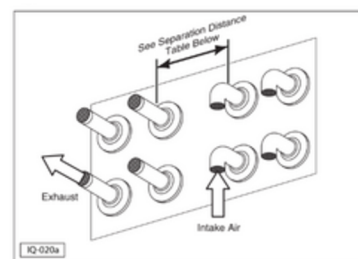


5

Vent

I/O Section 7

- Select an approved venting material (Sch 40 PVC, PP, CPVC, AL29-4C SS)
- Ensure terminations for intake/exhaust are properly spaced (18"-36" or > 72")
- Slope long horizontal runs back towards the heater (1/4" rise/12" run)
- Size venting using venting tables included in IOM
- Common vented units must be cascaded
- Air intake and exhaust terminations should include a bird screen



Multiple units.

Separation Distance	Status
0 - 17.9"	Not Allowed
18" - 36"	Allowed
36.1" - 71.9"	Not Allowed
72" or greater	Allowed