



## PLEASE READ

Before Installing your 



### Warranty

**ONLY VALID IF SYSTEM IS INSTALLED BY A LICENSED HVAC CONTRACTOR.**

**Installation must comply with applicable local & national codes.**

### TOOLS REQUIRED

- R410A Flaring Tool
- Clamp-On Amp Meter
- Vacuum Pump
- Refrigerant Scale
- Micron Gauge
- Refrigerant Manifold & Gauges
- Nitrogen Regulator
- Wrenches (standard)
- Adjustable Torque Wrench
- Hex Keys (Allen Wrenches)
- Drill & Drill Bits
- Hole Saw
- Pipe Cutter
- Level
- Screw Drivers
- Safety Goggles
- Gloves

### BEST PRACTICES

#### Verify Equipment

- ✓ Ensure both IDU & ODU Model Numbers begin with GMV

#### Unit Placement

- ✓ Follow clearance guidelines on indoor & outdoor units for proper airflow & servicing
- ✓ Include space for drainage so condensate flows out of unit
- ✓ Anchor both units properly to prevent vibration or malfunction
- ✓ Be sure condensate drain tubing is pitched downward for proper drainage

#### Piping

- ✓ Use only correct line set size as determined by either Basic Layout, system builder or selection software
- ✓ Insulate both refrigerant lines from each other
- ✓ For flare connections, use 45° flaring tool
- ✓ Refer to GREE Multipro reference guide for Piping details.

#### Communication Wiring

- ✓ All Control; wiring is 18 AWG, 2 Conductor, Stranded Shielding is not required, but if used must tie together, following the daisy chain (parallel) configuration of the control wiring, and grounded only at the outdoor unit.
- ✓ Resistor to be installed on the last indoor unit D1 & D2

#### Wiring

- ✓ Wiring and breaker sizing must be in accordance with local codes
- ✓ Outdoor and Indoor units are powered separately and are 208/230 vac
- ✓ Must have a means to disconnect for all indoor and outdoor units
- ✓ Multiple indoor units may share one breaker (Check local requirements)
- ✓ Surge protector HIGHLY recommended

#### Charging

- ✓ Test refrigerant lines for leaks by pressurizing with Nitrogen to 500 P.S.I.
- ✓ While under pressure, use a leak detection solution to test for all leaks at all flare solder, compression fitting connections.
- ✓ Use only approved evacuation hose & vacuum pump oil for proper evacuation and leak testing: Evacuate to less than **500 Microns** and hold for 30 minutes.
- ✓ If refrigerant is added, use an electronic scale and weigh in the precise amount that is determined by the basic layout or the selection software
- ✓ Open all service valves (air handler) prior to energizing the system.

### INSTALL SUPPORT

[greecomfort.com/resources](http://greecomfort.com/resources) | [www.youtube.com/@GREEComfort/videos](http://www.youtube.com/@GREEComfort/videos)