



PLEASE READ

Before installing your GREE Mini-Split



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 Manifold & Gauges
- Wrenches (Standard/Adjustable/Torque)
- Hex Keys (Allen Wrenches)
- Drill & Drill Bits
- Hole Saw
- Pipe Cutter
- Level
- Screw Drivers (Flat and Phillips head)
- Safety Goggles & Gloves

BEST PRACTICES

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 indoor unit
- ✓ Use only copper refrigerant piping
- ✓ Insulate both refrigerant lines from each other
- ✓ For flare connections, use a 45° flaring tool such as Yellow Jacket Deluxe
- ✓ Use a pipe length that does not exceed the maximum or go below the minimum length
- ✓ Do not make vertical loops in the piping
support runs from sagging or bending

Wiring

- ✓ Use only 14/4 STRANDED wire
Never use wire nuts or wire splices
- ✓ L1 & L2 are polarity sensitive
- ✓ Use non-insulated spade connectors on all terminal connections
- ✓ Use only a dedicated electrical circuit
- ✓ Always GROUND indoor & outdoor unit
- ✓ Surge protector HIGHLY recommended
I.E. Intermatic AG3000

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 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 electronic scale and weigh in precise amount
- ✓ Open service valves prior to energizing unit

INSTALL SUPPORT

gree training.com | gree comfort.com/resources