



# GREE TECHNOLOGY: EFFICIENCY FEATURES FOR MAXIMUM PERFORMANCE



**GREE'S LOAD MATCH VARIABLE  
SPEED COMPRESSOR**

VS.



**TRADITIONAL SINGLE  
SPEED COMPRESSOR**

## KEY FACTORS FOR HIGH EFFICIENCY

**INTEGRATED EVAPORATOR**  
Compact design minimizes indoor unit size while greatly enhancing coil performance.

**INTEGRATED DESIGN**  
Integrated rear chassis and water tray avoid water leakage & reduces noise.

**DUAL SIDE INSTALLATION**  
Choose left or right piping outlet for easier installation.

**LOW VOLTAGE START UP**  
Unit can operate from 187V to 253V, adapting to the unstable power supply while providing better PCB protection.

**AUTO RESTART**  
After power outage, the unit automatically recovers to previous settings.

G R E E C O M F O R T . C O M

### CONTROLS

- Cutting-edge micro-circuit for precise inverter control



### REFRIGERATION

- Stable, reliable compressor
- Larger heat exchanger with optimized piping
- Electronic expansion valve (EEV) for precise refrigerant flow

### AIRFLOW

- Enlarged air intake and outlet
- Optimized crossflow fan design with a larger air volume to enhance heat exchange efficiency
- Optimized axial fan design with larger diameter for greater volume and higher efficiency control

### X-FAN MODE

- Indoor Unit fan runs continuously after the cooling or dry mode cycle to dry off the evaporator coil
- Helps inhibit the growth of bacteria and mildew



- LOW-FREQUENCY TORQUE CONTROL
- HIGH-SPEED MICROPROCESSORS
- AUTOMATIC VOLTAGE ADAPTION
- HIGH RELIABILITY
- ECO-FRIENDLY R410A REFRIGERANT

# RELIABILITY IS IN THE DESIGN

## QUIET, HIGH-EFFICIENCY FAN

Tri-Blade axial fan is resistant to high temperatures and operates quietly.

## EASY HANDLING

Outdoor unit is equipped with a handle for easier transportation.

## SELF-DIAGNOSIS

Automatic system diagnostics continuously scans for errors or malfunctions. Fault codes are shown on the unit display to facilitate troubleshooting and repair.

## COIL PROTECTION

Acrylic resin coil coating maintains excellent heat transfer, resists corrosive elements, and provides years of reliable service.

## HIGH TEMP RESISTANCE CIRCUIT BOARDS

Reliable printed circuit boards (PCB) operate in temperatures up to 185°F while protected by a fire-proof metal casing.

## SELF-DRAINING BASE PAN

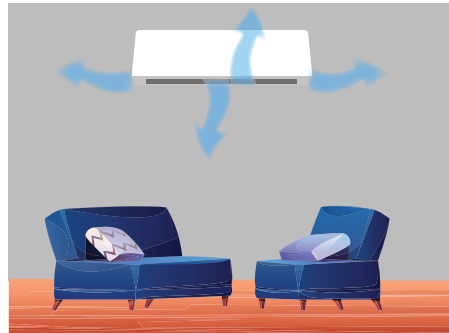
Condensate water drains freely to help prevent freezing in the base pan.

**Note:** Not all GREE products have each one of these features. Consult individual product guides for specific features and functions.

# THE PROOF IS IN THE COMFORT...

## TURBO COOLING

Press "Turbo" button on remote controller to maximize air flow and reach desired temperature in the shortest possible time.



## 4-WAY AIR FLOW

Louvers can be vertically or horizontally adjusted to direct airflow towards anywhere in the room to maximize room comfort.

## LOW NOISE

Noise lower than typical library sound levels for the ultimate in quiet unobtrusiveness.

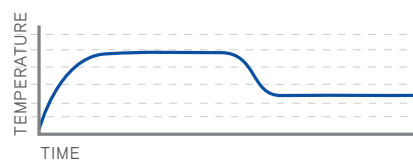
## INTELLIGENT DEFROSTING

While traditional defrosting activates for a set time period (for example, 10 minutes every hour), GREE's Intelligent Defrost only operates when needed: getting the job done efficiently without wasting energy.

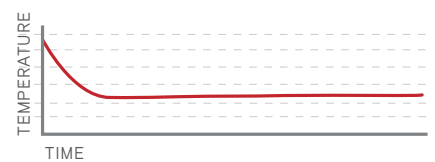
## MULTIPLE FAN SPEEDS

Choose your desired airflow, from super low to turbo. The SAPPHIRE models have 7 discrete fan speeds.

### SLEEP CURVE FOR COOLING



### SLEEP CURVE FOR HEATING



## SLEEP CURVES

**Mode 1:** Indoor temperature automatically rises (when cooling) or drops (when heating).

**Mode 2:** Temperature is automatically adjusted to be slightly lower before you wake up.

**Mode 3:** Design your own sleep curve under DIY mode.

## I-FEEL

Senses the temperature at the remote controller instead of at the indoor unit. Airflow & temperature are adjusted accordingly for ultimate personal comfort and energy savings.