GREE TECHNOLOGY: EFFICIENCY FEATURES FOR MAXIMUM PERFORMANCE

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 avoids 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 unstable power supply while providing better PCB protection.

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

GREE’S LOAD MATCH VARIABLE SPEED COMPRESSOR

VS.

TRADITIONAL SINGLE SPEED COMPRESSOR

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 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 ADAPTATION
• HIGH RELIABILITY
• ECO-FRIENDLY R410A REFRIGERANT
ULTRA CAPABILITIES FOR EXTREME CONDITIONS

Available in Single & Multi-Zone systems.

COOLING RANGE: 0°F - 129°F
HEATING RANGE: -31°F - 75°F

THE PROOF IS IN THE 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.

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.

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

I-FEEL
Senses temperature at the remote controller instead of at the indoor unit. Adjusts airflow & temperature accordingly for personal comfort and energy savings.

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