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3 DC inverter technologies ensures high energy efficiency



8°C Heating

Maintain the room temperature steadily at 8°C and prevent the room from freezing by heating operation when nobody is at home for long in severe winter.

• −15°C Cooling

Cooling at -15°C while keep a reliable operation. As the outdoor temperature changes, the frequency of compressor and the speed of fan adjusts accordingly.

• -20°C Heating

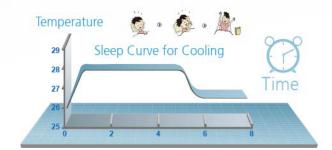
Operate finely when heating at -20°C. It is supported by GREE's electrical heating chassis, preheating technology and frequency-adjusting compressor.

3 Sleep Curves

- Mode 1: Indoor temperature automatically rises (when cooling) or drops (when heating).
- Mode 2: Featuring unique refreshment function, the temperature is automatically adjusted to be a little lower before you wake up.
- Mode 3: You could design your own sleep curve under DIY mode.

Cold Air Prevention

The copper pipe will be heated in advance, so the air will not be blown out before it reaches the set temperature.





I Feel

The mini sensor in the remote controller can sense its surrounding temperature, and transmit the signal back to the indoor unit. So the unit can adjust the air flow volume and temperature accordingly so as to provide maximum comfort.



Remoter with I Feel



Remoter without I Feel

SMPS







85V~265V (SMPS model)

180V~260V (Normal model)

Better PCB protection between 85V-265V

Golden Fin

- Anti-corrosion design
- Better hydrophilic coating
- Higher heat exchange efficiency



Auto Clean (X-FAN)

Cross fan continues blowing to dry inside of indoor unit after switching off the unit so as to keep clean and healthy.







Healthy Filters

LTC Catalyst Filter

A mechanical filter intercepts aerosols and particles.

Active Carbon Filter

Activated carbon can effectively adsorb smoke, pet odors, and other unpleasant odors.

Photocatalytic Filter

This filter is able to completely oxidize and degrade organic contaminants. It can effectively eliminate 99.9% of bacteria, viruses and unpleasant smell.

Catechin Filter

Catechin is extracted from green tea. It can effectively eliminate 95% of carcinogenic agents, such as staphylococcus, streptococcus, salmonella, etc.

Silver Ion Filter

Silver ion is able to sterilize 99% of bacteria by suppressing proliferation of mold and bacteria and preventing the causes of unpleasant odors.

Biological Anti-bacterial Filter

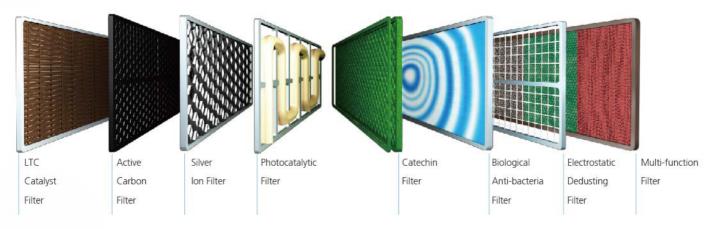
This is new purified material with excellent bio-bactericide, it can sterilize bacteria and collect dust effectively.

Electrostatic Dedusting Filter

This is highly efficient filter that minimally impedes the flow of air, and can easily remove fine particulate matter such as dust and smoke from the air stream.

Multi-function Filter

Choose 3 ones from 6 kinds of filters including acaro bacterium filter, silver ion filter, catechin filter, chitin filter, formaldehyde beater filter and vitamin C filter to meet your different needs simultaneously.







Ultra low frequency torque control

- Constant temperature
- Energy saving



High-speed DSP chip

- Accurate calculation
- Efficient operation



Wide frequency precise control

- Unceasing operation
- Accurate control



Power factor correction technology

- High efficiency
- Better protection



Environment-friendly R410A refrigerant

- Low-carbon design
- High efficiency

■ Quiet

■ Comfortable

■ Less fluctuation

Lower noise



Automatic voltage adaptation(150-260V)

- More stability
- Less damage



High reliability

- Excellent quality
- Superior performance



UHF flux-weakening contro

- Rapid cooling
- Rapid heating

How Inverter Saves Energy

