

# QUEEN Series

R32 Wall Mounted Split Unit

**2**  
YEARS

WARRANTY FOR  
SPARE PARTS

**6**  
YEARS

WARRANTY FOR  
COMPRESSOR

WALL MOUNTED



GREE MALAYSIA



[www.greemalaysia.com.my](http://www.greemalaysia.com.my)



GREE+ App Download Linkage

# Features



Auto Clean



Automatic Operation



LED Display



Intelligent Defrosting



Compact Design



Clock Display



Comfortable Sleep Curves



Cold Air Prevention



Timer



'Turbo' Button



Auto Restart



Lock



Healthy Filters



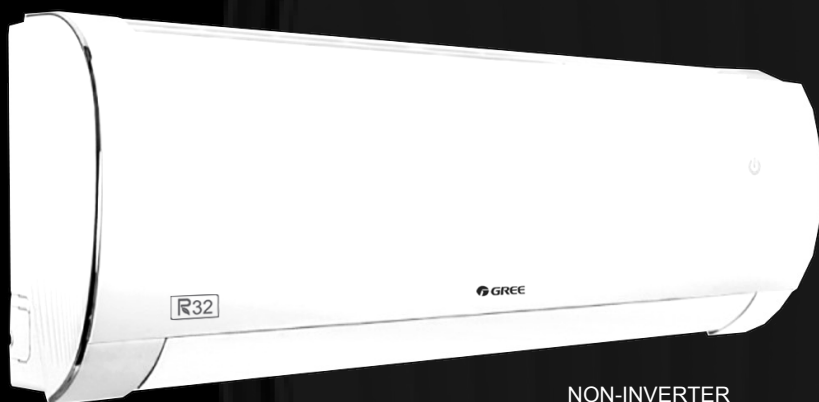
Cold Plasma



I Feel



Self-diagnosis



NON-INVERTER



## Elegant Appearance

The curved design with the addition of rich side layers makes the unit light and thin.

The contours of this unit are embodied, creating a graceful appearance for the unit with the clear and smooth lines.



INVERTER

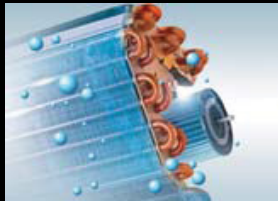
# Health

## Auto Clean (X-FAN)

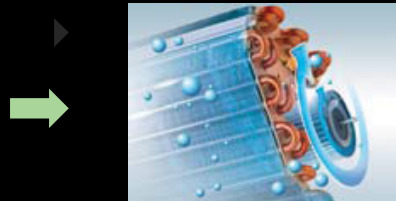
Cross flow fan continues blowing to dry inside of indoor unit after switching off the unit so as to keep clean and healthy.

Adopts a new generation of hydrophilic aluminium foil, under cooling or dehumidifying mode, dust in evaporator will be removed by the fast-moving condensate water.

The blade keeps operating for air drying after power off, thus achieves automatic clean and dry.



① Water still exists in air conditioner after power off



② Cross flow fan keeps operating

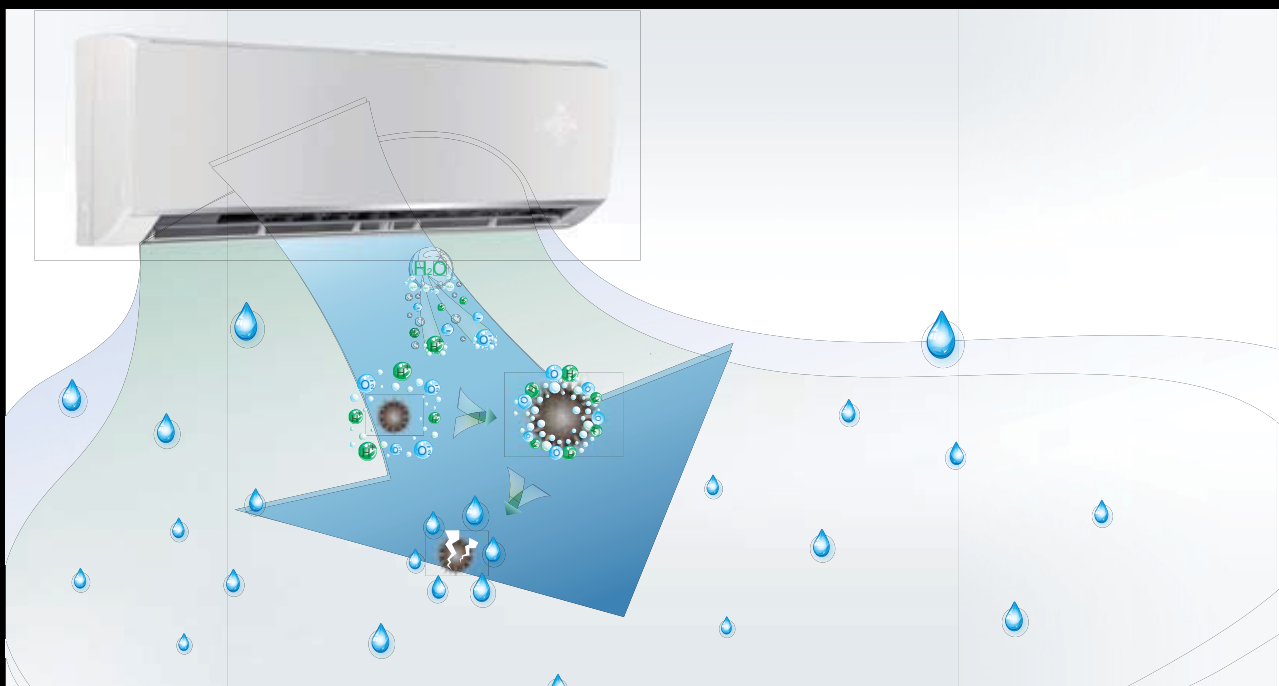
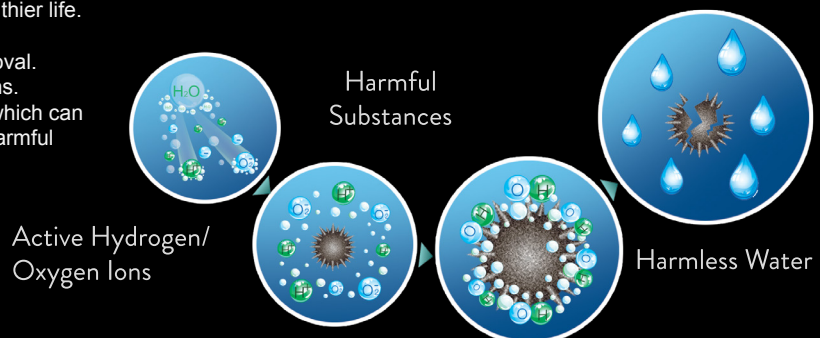


③ Keep clean and dry inside the unit

## Cold Plasma

Improve indoor air quality and give you a healthier life.

Effective sterilization and bacteria / odor removal.  
Provide the air with more negative oxygen ions.  
Active hydrogen oxygen ions are generated which can eliminate bacteria, viruses, dusts and other harmful agents in the air.



## Intelligent Auto Restart

Upon power is resumed after power failure, the unit in the whole building will not be restarted at the same time to avoid impact of electricity net.

( Suitable for engineering project )



## 3D Airflow, Constant Temperature and Comfort

Wide-angle air supply with large louver, and air direction can be set left or right and up or down.



## 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 airflow volume and temperature accordingly to provide maximum comfort.



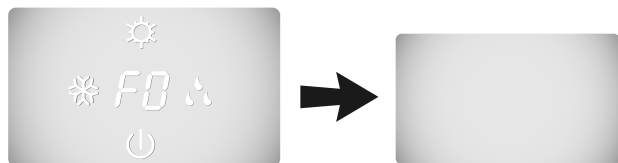
Remote with I Feel



Remote without I Feel

## Concealed Display

Hidden temperature display on a classy high gloss surface.



Press the LIGHT button on the remote controller to hide the display light on the indoor unit.

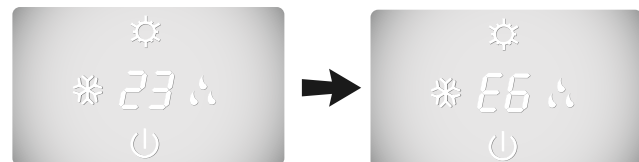
## Refrigerant Leakage Protection

When refrigerant is insufficient and the valve is blocked, indoor unit of air conditioner will display **FO** malfunction and stop operation. This function effectively protects the whole unit and safeguard the compressor against any damages occurred due to high temperature result in fluorine leakage.



## Self-Diagnosis

Instantly displays error code to quickly locate the cause of malfunctions.



## Turbo Cooling

Press "Turbo" button on remote controller to enjoy a larger airflow, which enables the indoor temperature to reach the set temperature in a shorter time.





# WIFI Control



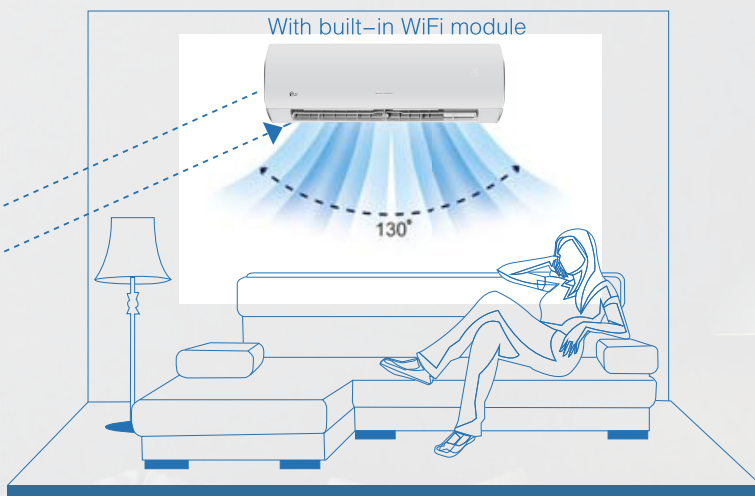
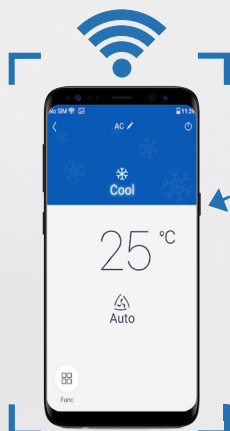
Scan and download Gree+ APP  
This function applicable for Inverter AC only



## GREE+ App

Gree + brings you a brand new experience for intelligent control.

**\*Available for Inverter Series Only**



## Gree+ APP comfort in your hands

Do you want to immediately feel cool in hot days when you come home from work?

Forget to turn off the air conditioner while in a rush to leave for work in the morning?

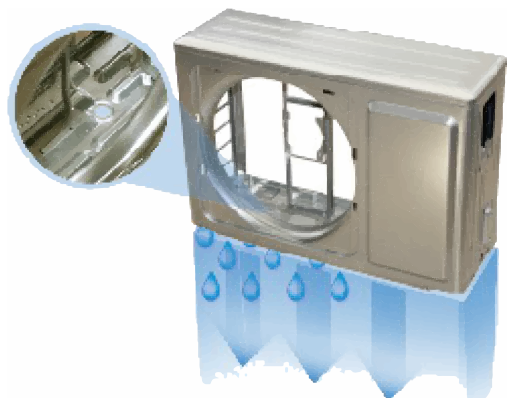
All is just a piece of cake.

Open **Gree+ APP**, and control your air conditioner with your smart phone.

## Reliability ( Outdoor Unit )

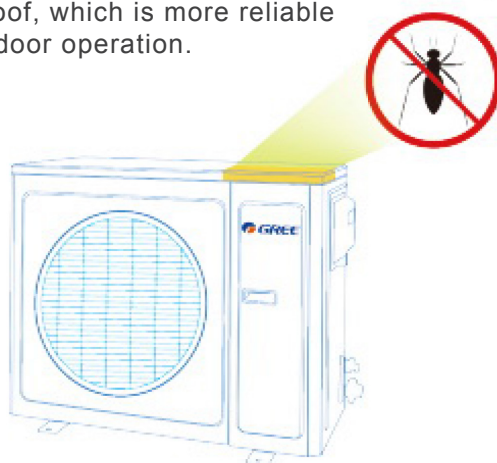
### High-efficiency Drainage Design of Outdoor Unit Chassis

The high efficiency drainage design of outdoor unit chassis can drain water effectively under extreme conditions to prevent serious icing.



### Mothproof and Dustproof Electric Box of Outdoor Unit

Electric box of outdoor unit is mothproof and dustproof, which is more reliable for outdoor operation.



# Reliability ( Outdoor Unit )



## Anticorrosive Appearance

Gree anticorrosive air conditioner possesses anticorrosive property in both performance and appearance, which is a special air conditioner that applies a series of manufacturing techniques with strong pertinence. Such air conditioner can be widely used in insularity, littoral regions and some industrial areas with strong corrosiveness.

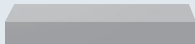
## Golden Fin - High Anti-Corrosive ( Outdoor Unit )

The salt spray proofing and anti-corrosion ability of gold fin is greatly enhanced and is almost twice stronger than other anti-corrosion products, reaching the world leading level.

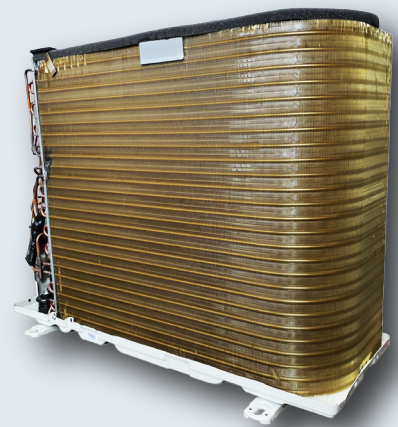
Golden Fin  
1500h



Normal Fin  
500h

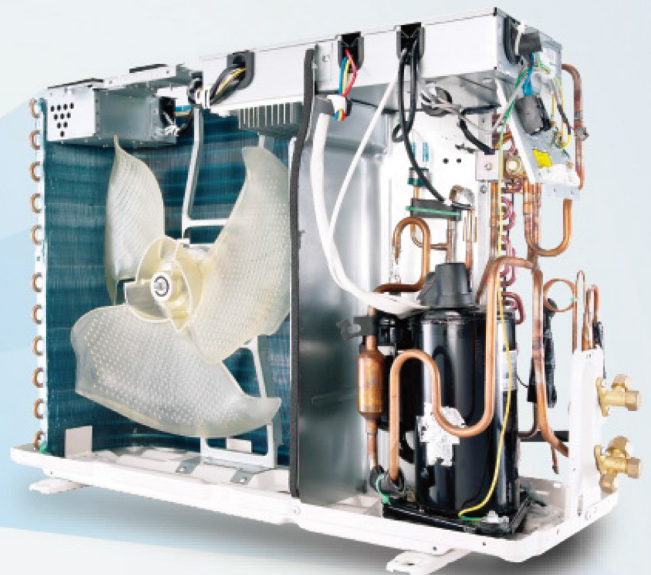


Its anti-corrosion effect is better than normal fin, which enables long service for the unit.



## High-Strength Body

With high-strength body, thickened Al-Zn alloy coated steel sheet and reinforced stamping, it has improved the load of structure greatly to prolong the durability.



## Improved Base Pan Design

Condensing water will flow easily and not be frozen on the base pan. It also improves heating efficiency during low temp operation.





# Specifications



## Control System

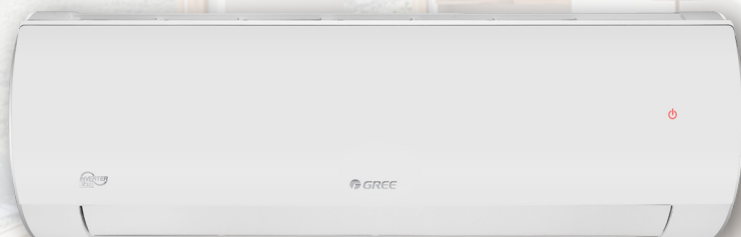


Cutting-edge chip for precise Inverter control



## High Temp Resistance PCB

In the Inverter outdoor unit, the PCB could work well even when temp is up to 85°C, and also metal casing is fire-proof.



| Model                      | Indoor   |                    | GWC09ACC-K6DNA5D/I      | GWC12ACC-K6DNA5A/I        | GWC18ACD-K6DNA5D/I        | GWC24ACE-K6DNA5E/I        |
|----------------------------|--|--------------------|-------------------------|---------------------------|---------------------------|---------------------------|
|                            | Outdoor  |                    | GWC09ACC-K6DNA5D/O      | GWC12QC-K6DNA1A/O         | GWC18ACD-K6DNA5D/O        | GWC24ACE-K6DNA1E/O        |
| Refrigerant Type           |  |                    | R32                     |                           |                           |                           |
| Function                   |  |                    | Cooling                 |                           |                           |                           |
| Capacity                   | Cooling  | Btu/h              | 9,212 ( 1,706 - 11,942) | 12,000 ( 1,365 - 13,648 ) | 18,000 ( 4,299 - 18,425 ) | 24,000 ( 6,824 - 25,931 ) |
|                            |  | kW                 | 2.700                   | 3.500                     | 5.275                     | 7.034                     |
| Efficiency                 | EER  | (Btu/h)/w          | 11.96                   | 11.76                     | 10.44                     | 11.27                     |
|                            |  | W / W              | 3.51                    | 3.43                      | 3.06                      | 3.30                      |
|                            | CSPF   | Wh / Wh            | 5.25                    | 5.30                      | 4.85                      | 5.18                      |
| Air Circulation            | Indoor / Hi                                      | m <sup>3</sup> / h | 600/570/470/390         | 730/590/490/420           | 850/720/610/520           | 1300/1100/900/750         |
|                            |  | cfm                | 353/335/277/230         | 430/347/288/247           | 500/424/359/306           | 765/647/530/441           |
| Noise Level                | Indoor (SH/H/M/L)                                | dB (A)             | 39/36/32/26             | 43/39/35/29               | 47/44/40/35               | 49/45/41/37               |
|                            | Outdoor  | dB (A)             | 49                      | 48                        | 54                        | 54                        |
| Electrical Data ( Indoor ) | Phase / Voltage                                  | Φ / V / Hz         | 1Ph / 220-240V / 50     |                           |                           |                           |
|                            | Cooling Current                                  | A- (Rated)         | 3.80 ( 5.40 )           | 4.78 ( 6.50 )             | 7.8 ( 10.00 )             | 9.88 ( 12.70 )            |
|                            | Power Input                                      | W - (Rated)        | 770 (1200 )             | 1020 (1400 )              | 1720 ( 2100 )             | 2130 ( 2750 )             |
| Moisture Removal           | Indoor   | L/h                | 0.8                     | 1.4                       | 1.8                       | 2.0                       |
| Outline Dimension          | W x H x D (mm)                                   | Indoor             | 889 x 294 x 212         | 889 x 294 x 212           | 1013 x 307 x 221          | 1122 x 329 x 247          |
|                            |  | Outdoor            | 782 x 540 x 320         | 782 x 540 x 320           | 848 x 596 x 320           | 912 x 646 x 373           |
| Package Dimension          | W x H x D (mm)                                   | Indoor             | 940 x 365 x 284         | 940 x 365 x 284           | 1060 x 374 x 297          | 1193 x 410 x 350          |
|                            |  | Outdoor            | 823 x 595 x 358         | 823 x 595 x 358           | 881 x 645 x 363           | 963 x 700 x 411           |
| Net Weight                 | Kg   | In / Out           | 11.0 / 26.5             | 11.0 / 30.0               | 13.5 / 32.0               | 17.5 / 42.0               |
| Refrigerant Charge         | Kg / oz  | Outdoor            | 0.55 / 19.40            | 0.78 / 27.50              | 0.77 / 33.50              | 1.20 / 42.30              |
| Refrigerant Pipe Diameter  | Liquid   | mm                 | φ6                      | φ6                        | φ6                        | φ6                        |
|                            |  | inch               | 1/4"                    | 1/4"                      | 1/4"                      | 1/4"                      |
|                            | Gas  | mm                 | φ9.52                   | φ9.52                     | φ9.52                     | φ16                       |
|                            |  | inch               | 3/8"                    | 3/8"                      | 3/8"                      | 5/8"                      |
|                            | Piping (m)                                       | Max ( H )          | 10                      | 10                        | 10                        | 10                        |
|                            |  | Max ( L )          | 15                      | 20                        | 25                        | 25                        |
| Warranty                   | 2 Years for Spare Parts & 6 Years for Compressor |                    |                         |                           |                           |                           |

\*NOTE: For The Improvement, The Specifications, Designs and Information In This Catalogue Are Subjected To Change Without Prior Notice.

# Specifications



## Wall-mounted type

### NON-INVERTER SERIES



| Model                     | Indoor   |             | GWC09ACC - K6NNA1A/I | GWC12ACC - K6NNA1B/I | GWC18ACE - K6NNA1A/I | GWC24ACE - K6NNA1B/I |
|---------------------------|--|-------------|----------------------|----------------------|----------------------|----------------------|
|                           | Outdoor  |             | GWC09QC - K6NNC2A/O  | GWC12QC - K6NNC2B/O  | GWC18QE - K6NNC2A/O  | GWC24QE - K6NNC2B/O  |
| Refrigerant Type          |  |             | R32                  |                      |                      |                      |
| Function                  |  |             | Cooling              |                      |                      |                      |
| Capacity                  | Cooling  | Btu/h       | 9,000                | 12,283               | 18,425               | 24,500               |
|                           |  | kW          | 2.64                 | 3.60                 | 5.40                 | 7.18                 |
| Efficiency                | EER  | (Btu/h)/w   | 12.69                | 12.70                | 12.70                | 12.70                |
|                           |  | W / W       | 3.72                 | 3.72                 | 3.72                 | 3.72                 |
|                           | CSPF   | Wh / Wh     | 3.86                 | 3.77                 | 4.00                 | 4.00                 |
| Air Circulation           | Indoor / Hi                                      | m3 / h      | 650/560/480/360      | 660/540/460/330      | 1250/1150/900/750    | 1200/1060/930/800    |
|                           |  | cfm         | 383/330/282/212      | 388/318/271/194      | 736/677/530/441      | 706/624/547/471      |
| Noise Level               | Indoor (SH/H/M/L)                                | dB (A)      | 40/37/34/27          | 42/38/35/28          | 48/44/40/35          | 49/46/40/36          |
|                           | Outdoor  | dB (A)      | 48                   | 48                   | 51                   | 53                   |
| Electrical Data (Indoor)  | Phase / Voltage                                  | Φ / V / Hz  | 1Ph / 220-240V / 50  |                      |                      |                      |
|                           | Running Current                                  | A- (Rated)  | 3.35 ( 5.77 )        | 4.50 ( 7.40 )        | 6.84 ( 10.00 )       | 9.30 ( 16.42 )       |
|                           | Power Input                                      | W - (Rated) | 709 (1050)           | 967 (1400)           | 1450 ( 1950 )        | 1928 ( 2800 )        |
| Moisture Removal          | Indoor   | L/h         | 0.8                  | 1.4                  | 1.8                  | 2.64                 |
| Outline Dimension         | W x H x D (mm)                                   | Indoor      | 889 x 294 x 212      | 889 x 294 x 212      | 1122 x 329 x 247     | 1122 x 329 x 247     |
|                           |  | Outdoor     | 776 x 540 x 320      | 848 x 540 x 320      | 899 x 596 x 378      | 955 x 700 x 396      |
| Package Dimension         | W x H x D (mm)                                   | Indoor      | 940 x 365 x 284      | 940 x 365 x 284      | 1193 x 410 x 350     | 1193 x 410 x 350     |
|                           |  | Outdoor     | 823 x 595 x 358      | 881 x 595 x 363      | 948 x 645 x 420      | 1029 x 750 x 458     |
| Net Weight                | Kg   | In / Out    | 10.5 / 26.5          | 11.0 / 30.0          | 17.0 / 42.0          | 16.5 / 53.5          |
| Refrigerant Charge        | Kg / oz  | Outdoor     | 0.57 / 20.10         | 0.64 / 22.60         | 1.00 / 35.28         | 1.40 / 49.40         |
| Refrigerant Pipe Diameter | Liquid   | mm          | φ6                   | φ6                   | φ6                   | φ6                   |
|                           |  | inch        | 1/4"                 | 1/4"                 | 1/4"                 | 1/4"                 |
|                           | Gas  | mm          | φ9.52                | φ12                  | φ12                  | φ16                  |
|                           |  | inch        | 3/8"                 | 1/2"                 | 1/2"                 | 5/8"                 |
|                           | Piping (m)                                       | Max ( H )   | 6                    | 10                   | 10                   | 6                    |
|                           |  | Max ( L )   | 18                   | 20                   | 25                   | 18                   |
| Warranty                  | 2 Years for Spare Parts & 6 Years for Compressor |             |                      |                      |                      |                      |

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