

# Technical Specifications

| Indoor Unit "Cooling only"        |                    | G+ITWG 007 V | G+ITWG 009 V | G+ITWG 010 V | G+ITWG 012 V |
|-----------------------------------|--------------------|--------------|--------------|--------------|--------------|
| Indoor Unit "Heat Pump"           |                    | G+IHVG 007 V | G+IHVG 009 V | G+IHVG 010 V | G+IHVG 012 V |
| Outdoor Unit "Cooling only"       |                    | G+ OTV 007   | G+OTV 009    | G+OTV 010    | G+ OTV 012   |
| Outdoor Unit "Heat Pump"          |                    | G+ OHV 007   | G+OHV 009    | G+OHV 010    | G+ OHV 012   |
| Energy Class (Cooling)            |                    | A            | A            | A            | A            |
| Nominal Cooling Capacity          | kW - Btu/hr        | 2.20 - 7400  | 2.70 - 9200  | 2.93 - 10000 | 3.80 - 12900 |
| Nominal Heating Capacity          | kW - Btu/hr        | 2.05 - 7000  | 2.55 - 8700  | 2.75 - 9400  | 3.52 - 12000 |
| Cooling Power Consumption         | W                  | 673          | 805          | 911          | 1162         |
| Heating Power Consumption         | W                  | 675          | 755          | 832          | 1139         |
| EER, Cooling*                     | W/W                | 3.22         | 3.35         | 3.22         | 3.25         |
| COP, Heating*                     | W/W                | 3.04         | 3.38         | 3.31         | 3.09         |
| Power Supply                      | V/Ph/Hz            | 220-240/1/50 |              |              |              |
| Air Flow Rate                     | m <sup>3</sup> /hr | 440          | 484          | 510          | 577          |
| (at high speed & dry coil)        | CFM                | 260          | 285          | 300          | 340          |
| Dimensions - Indoor Unit (WxHxD)  | mm                 | 824X292X180  |              |              |              |
| Dimensions - Outdoor Unit (WxHxD) | mm                 | 677X553X282  | 722x586x302  |              |              |
| Net Weight - Indoor Unit          | kg                 | 8.90         |              |              |              |
| Net Weight - Outdoor Unit         | kg                 | 32.2         | 37           | 41           |              |
| Refrigerant Type                  |                    | R410A        |              |              |              |

At Nominal rating Condition (Eurovent Condition):  
 Cooling: 35°C outdoor DBT / 27°C indoor DBT & 19°C indoor WBT.  
 Heating : 7 °C outdoor DBT & 80% relative humidity / 20 °C indoor DBT.  
 \* Test volt: 230 at 50 Hz  
 Specifications are subject to change without prior notice

### Indoor Unit Features:

- Very elegant design to suit any decoration.
- Energy saving with low power consumption.
- Ultra quiet operation.
- Attractive LCD wireless remote controller with high transmission ability.
- Advanced-technology PC-board for full control.
- "DRY" mode reduces water vapor by computerized dehumidification.
- "SLEEP" mode provides suitable sleeping environment with energy saving.
- 24 hours programmable timer controls the unit operation.
- Automatic and manual selection of outlet air direction.
- Automatic selection of 3-stage fan speed.
- Electronic system provides 3 minutes anti short cycle protection for compressor, which guarantees total system integrity.
- "Hydrophilic" fins in the evaporator.
- Self-diagnosis function.
- Efficient, easy removable and cleanable air filters.
- Carbon filters.
- Plasma air purifying system "Ionized Filter".
- Controlled ionize function "option".

### Outdoor Unit Features:

- Fast installation and easy maintenance.
- Modern cabinet design to suit the building decorations.
- Low noise, high efficiency Compressor.
- Advanced design allows the use of "Flare" connection systems, for more flexibility in installation.
- Heavy gauge galvanized steel with weather resistance electrostatic powder paint.
- "Inner-grooved" pipes and "Slit" fins increase the heat exchange rate and decrease power consumption.
- Available as "Cooling Only" & "Heat Pump" systems.
- Operates in high outdoor temperatures.
- Operates in low outdoor temperatures (heat pump only).

### Optional accessories available upon request:

- Low-Ambient control kit.
- Low-Pressure protection switch.
- High-Pressure protection switch.

### Golden Plasma Filter

3 Steps purifying system with pre-Filter and carbon filter as follow:

- 1 - Washable pre-filter, removing particles and dust.
- 2 - Carbon Filter for odor and smoke control.
- 3 - Final Golden Plasma filter for:

Removing small particles of impurities even bacteria down to 0.01 micron releasing ions give the feeling of sea shore.

*Available without plasma filters.*

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## High wall

- G+ ITWG 007/009/010/012 V
- G+ IHVG 007/009/010/012 V

