

INTRODUCTION TO REFRIGERANTS R32&R290

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The refrigerants used for air conditioners are environmentally friendly hydrocarbons R32 and R290. The two kinds of refrigerants are combustible and odorless. Moreover, they can burn and explode under certain condition. However, there will be no risk of burning and explosion if you comply with the following table to install your air conditioner in a room with an appropriate area and use it correctly.

Compared with ordinary refrigerants, Refrigerants R32 & R290 are environmentally friendly and do not destroy the ozone sphere and that their values of greenhouse effect are also very low.

■ Room area requests for air conditioner with Refrigerants R32 & R290

| Refrigerants | Capacity (Btu) | Room Area |
|--------------|----------------|-------------------------|
| R32 | 9K | Above 4m ² |
| | 12K | Above 4 m ² |
| | 18K | Above 15 m ² |
| | 22K/24K | Above 25 m ² |
| R290 | 9K | Above 10 m ² |
| | 12K | Above 13 m ² |
| | 18K | Above 15 m ² |
| | 22K/24K | Above 30 m ² |

⚠ Warnings

- Please read the manual before installation, using, maintenance.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- Do not pierce or burn the appliance.
- The appliance shall be stored in a room without continuously operating sources (for example: open flames, an operating ignition gas appliance or an operating electric heater.)
- Please contact the nearest after-sale service center when maintenance is necessary. At the time of maintenance, the maintenance personnel must strictly comply with the Operation Manual provided by the corresponding manufacturer and any non-professional is prohibited to maintain the air conditioner.
- It is necessary to comply with the provisions of gas-related national laws and regulations.
- It is necessary to clear away the refrigerant in the system when maintaining or scrapping an air conditioner.



Warning: Combustible
& Dangerous



Read the user manual



Read the installation
manual



Read the service
manual