

Space PG



Range of use :

Heating capacity between 62.2 and 143.4 kW

Cooling capacity between 58.9 and 135.5 kW

Air flow rates: 47 to 197 m³/h

Use :

Packaged, self-contained roof top unit intended for air conditioning and heating large surface areas. It is designed for outdoor rooftop installation on the premises to be heated or cooled.

Description :

- Packaged units,
- Painted polyester casing,
- Self-supporting painted frame,
- 1 air circuit,
- 2 refrigerant circuits, 2 Scroll-type compressors, refrigerant R410A,
- Single G4 filter or double G4 + F6 to F9 filter
- 2 internal centrifugal fans
- 2 to 4 outdoor propeller fans with speed variation selection (EC motor)
- Condensate pan or stainless steel pan protection
- Base with adjustable angle,
- Heating heat pump and/or gas burner
- Integrated high quality gas burner with air cooled condenser and with power inverter (30 to 100%), efficiency up to 105%PCI, anti-stratification control, KIWA certification
- Complete electric cabinet, AVANT PRO electronic control,
- DEGIPACK defrosting management
- Several options



Performance:

- Wide range of capacities (47 to 197 kW) regardless of the model
- High-efficiency condensing gas burner incorporates premix technology and output modulation technology to adjust consumption to actual needs and ensure an efficiency of over 105%.
- Stratification control for reduced heat loss through roof
- Gas heating possible at outdoor temperatures down to -30°C.
- Optimised mode management: heat pump or gas burner only, or heat pump and gas burner (hybrid mode)
- Kiwa certification
- Compatible with natural gas and propane

Comfort:

- Operating time management
- Set point adjusted to the outdoor temperature.
- Output modulation maintains ambient temperatures at stable levels
- Supply air temperature adjusted to as low as possible to reduce stratification
- Controlled air quality: range of filtration efficiencies, air quality sensor, and burner with sealed combustion chamber.
- AVANT PRO: innovative and efficient control
- Central supervision

Installation:

- Compact footprint and integrated burner for easier transport and handling.
- Packaged system: easy to install and ready to operate.
- Several configurations possible: MO00, MS00, MA00, MC00
- Adjustable roof curb

Environment:

- Zero carbon monoxide emissions
- Nitrogen oxide emissions below 30 ppm: NO_x < 35 ppm
- DEGIPACK intelligent defrosting
- Non-ozone-depleting refrigerant (R410A)

Safety:

- Alarms integrated in gas burner
- Fire protection
- Smoke detector
- Flow rate and filter blockage monitoring
- Remote access to all data

