AERMEC

WELLNESS ENGINEERING
FOR TOMORROW'S CLIMATE

OMNIA SLIM

Thanks to its narrow configuration - only **130 mm of depth!** - this unit is a **perfect fit for residential applications**, as it guarantees high performances in small spaces, and a modern and attractive design.
In the version with **Ventilcassaforma**, Omnia Slim **can also be installed concealed.**
The new **DSKTS thermostat**, equipped with an **ergonomic rotary switch**, offers **simple and accurate temperature control.**

FCZ-ASW

FCZ-ASW is the latest-generation **fan coil with integrated adiabatic ultrasonic humidifier. It is the** first model **with a removable tank,** and **it regulates temperature and humidity** providing constant natural comfort. The humidifier is built into the machine's body, making it invisible, and it can also be activated when the unit is switched off.

FCY

FCY is the **horizontal recessed duct type fan coil** that heats and cools small and medium residential and commercial environments.
Thanks to a **broad range of versions and configurations available,** it can be adapted to many specific applications.
The **new GKY grille** can be removed from the front side, **making ordinary and extraordinary inspections and maintenance** much easier to perform.

RTG

R32 GAS

RTG is the new **rooftop** series that uses an eco-friendly **R32 refrigerant**, **reducing direct emissions by more than 70%.**
Designed **for medium-to-high crowded environments**, this compact and versatile series is reliable, efficient and environmentally-friendly.
Equipped with compressors, **inverter fans and advanced control logic, with free-cooling and free-heating functions,** it is also available with **optional electrostatic filters.**

ANG

R32 GAS

❄ 25 ÷ 40 kW

ANG is a **high efficiency chiller** with scroll compressors, optimised for **R32 refrigerant with low GWP content.**
Designed for **temperatures between -20°C and +50°C, it generates chilled water between -10°C and +20°C.** If equipped with a desuperheater (optional accessory), it can use recovery heat to generate hot water.

PRG

GAS **R290**

❄ 49 ÷ 143 kW   ☀ 51 ÷ 143 kW

PRG meets the air conditioning needs of residential and commercial buildings or industrial applications.
It uses **natural R290 refrigerant** (propane) with very low direct greenhouse effects (GWP= 3).
And the **R290-optimized scroll compressors** connected **in tandem on each circuit boost the maximum average seasonal efficiency value**.

NSMJ

GAS **R513A XP10**

❄ 293 ÷ 1416 kW

NSMJ is a state-of-the-art **air-cooled chiller** solution with **innovative full inverter technology and R513A (XP10) eco-friendly refrigerant.**
It meets residential, commercial and industrial air conditioning needs, even **under extreme temperature conditions, up to 50°C.**
It uses inverter screw compressors, optional EC motors and aluminium micro-channel coils to reduce its environmental impact and improve energy efficiency.

PNP

GAS **R290**

❄ 51 ÷ 144 kW   ☀ 51 ÷ 144 kW

PNP is the new **multi-purpose heat pump with natural R290 refrigerant,** which meets both heating and cooling needs in a single building, in a simultaneous and independent manner.
It can operate under extreme temperature conditions (-20°C in winter, 48°C in summer) and generate hot water up to 75°C. Designed with a 2 or 4-tube **dual circuit**, it has an **extensive and highly efficient operating range, thanks to the free-heating feature** typical of this kind of machine.

PRGI-H

GAS **R290**

❄ 20 ÷ 47 kW   ☀ 22 ÷ 53 kW

PRGI-H is the **reversible air-cooled heat pump with natural R290 refrigerant that can generate hot water up to 80°C.**
Thanks to scroll inverter technology, it offers very high full-load and seasonal efficiency values, **continuous adjustments of the cooling capacity, and stable control over outlet water temperature.**
Designed to integrate perfectly into air conditioning systems that require cooling, heating (even with high-temperature water) and/or DHW production, it provides comfort and versatility all year long.

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