



Aermecc at CHILLVENTA 2024

NEW SOLUTIONS FOR A SUSTAINABLE FUTURE

OMNIA SLIM, FANCOIL FOR DOMESTIC AND RESIDENTIAL



Omnia Slim series fan coil, also available with Brushless motor, is ideal for domestic and residential applications. It was designed to match reduced depth (130mm) and ultra-silent operation with the need to efficiently air condition rooms all year round.

Fitted in the Ventilcassaforma, the fan coil takes up no space and is fully concealed; the external formwork frame and closing panel are made in material suitable for wall paint, ensuring perfect integration into the style of the home.

TVS and TVH, DUCT TYPE AIR TREATMENT UNITS WITH EC MOTOR



TVS and TVH are the duct type air treatment units with EC motor with nominal air flow rate from 800 to 5200 m³h.

Thanks to their special construction solutions, the units are characterised by a high degree of application flexibility: TVS can be installed either horizontally in a suspended ceiling or vertically on a wall, while TVH is suitable for horizontal installation. As standard they are suitable for 2-pipe systems, and with the secondary coil (accessory) they are also suitable for 4-pipe systems. Fitted, as standard, with synthetic pleated filters with Coarse 55% efficiency to EN ISO 16890 (G4 to standard EN 779) on the intake points.

PRM, MODULAR REVERSIBLE HEAT PUMP WITH R290 NATURAL REFRIGERANT (PROPANE)



PRM modular reversible heat pump, is built to meet air conditioning needs in residential/commercial complexes or chilling in industrial complexes. It uses R290 natural refrigerant (propane) with ultra-low direct greenhouse effect ($GWP = 3$) in total safety. Available in one size with nominal heating capacity 100 kW, it can be easily linked in parallel with other identical units to form a hot-cold system serving systems of all sizes.

PRG, REVERSIBLE HEAT PUMP WITH R290 NATURAL REFRIGERANT (PROPANE)



PRG is ideal for residential/commercial complexes or chilling in industrial complexes. It is available in different sizes with a power range from 50 kW to 145 kW. PRG series uses R290 natural refrigerant (propane) with ultra-low direct greenhouse effect ($GWP = 3$) in total safety. Thanks to the adopted optimised scroll compressors for R290 and tandem and trio connection on each circuit, PRG obtain maximum average seasonal efficiency values.

NRG, CHILLERS AND HEAT PUMP WITH ECO-FRIENDLY REFRIGERANT R32



NRG is the series of air-cooled reversible chillers and heat pumps using the low-GWP ecological gas R32. It offers a cooling and heating capacity of up to 1MW. The ecological refrigerant R32 guarantees functioning at maximum seasonal efficiency in heating and cooling, while fully respecting the environment. All versions are equipped with an electronic expansion valve as standard, allow extended operating limits and have options for glycol water production down to -8°C .

WFGI, WATER-WATER HEAT PUMP WITH A CO-FRIENDLY REFRIGERANT R1234ze



WFGI is the water-to-water heat pump with screw compressors that uses the new ecological gas R1234ze with $GWP 7$ and, alternatively, the environmentally friendly gas R515B also belonging to safety class A1 according to ISO817 (non-toxic, non-flammable). WFGI is available in both single-circuit and with 2 and 3 independent cooling circuits, and in two different soundproofing enclosures, Silenced and Extrasilenced, which guarantee a reduction of up to 10dB(A).

Hall 4A / Booth Number 4A-129 e 4A-218
8-10 octobre 2024 - Nuremberg (Germany)