RLHP
Highly efficient heat recovery units with heat pumps

PRODUCT SPECIFICATIONS

Sanitisable air treatment unit fitted with all necessary devices to allow proper cleaning and accessibility to all internal surfaces.

All sections are equipped with drainage basins and internal components can be removed. This allows proper maintenance and sanitising - features that make this machine unique.

The steep slope of the drainage basins ensures perfect drainage of sanitising fluids and guarantees that there is no residual condensation.

- 6 models available: from 500 m³/h to 3000 m³/h.
- Each machine is fitted with a heat pump that uses freon R 410A as a refrigerant gas.
- All units are produced with foamed sandwich panels with pre-painted external laminate and galvanised internal laminate.
- Equipped with plug fans with brushless motors, evaporators and copper or aluminium condensers, rotating compressors, on-board control panel, integrated free-cooling system and automatic defrosting system.
- Optional accessories for operation at low temperatures, channeled post heating coils and automatic flow control device.

KEY FEATURES

- The RLHP range was created in light of increasing demand for systems that guarantee innovation in busy environments and efficient heat recovery in small to medium-sized rooms for the residential, commercial and industrial sectors, using a single unit that is easy to install.

- The double static and thermodynamic recovery system guarantees innovation and neutralisation of thermal load in external air at the same time.
| Model  | Nominal airflow m³/h | Total heating power recovered (1) W | Winter flow temperature (1) °C | Winter static power recovered (1) W | Winter static recovery efficiency (1) % | Thermal power recovered by the compressor (1) W | Power absorbed by the compressor winter hot (1) W | COP (1) | Total heating power recovered (2) W | Winter delivery temperature | Winter static power recovered (2) W | Winter static recovery efficiency (2) % | Thermal power recovered by the compressor (2) W | Power absorbed by the compressor winter hot (2) W | COP (2) | Total cooling power recovered (3) W | Summer delivery temperature (3) °C | Summer static power recovered (3) W | Summer static recovery efficiency (3) % | Refrigerator power recovered by the compressor (3) W | Power absorbed by the compressor winter cold (3) W | EER |
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