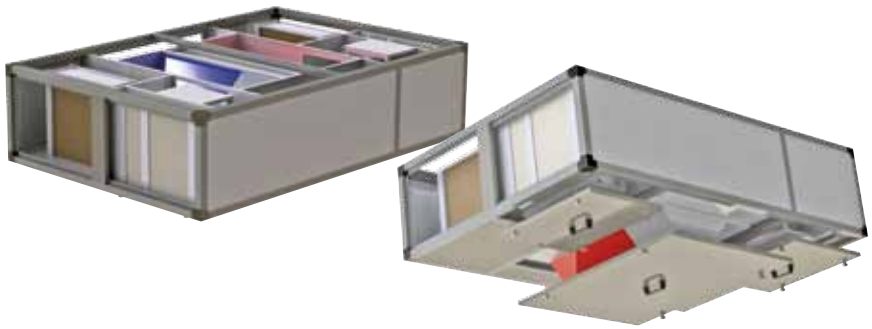


RLHP

Highly efficient heat recovery units with heat pumps

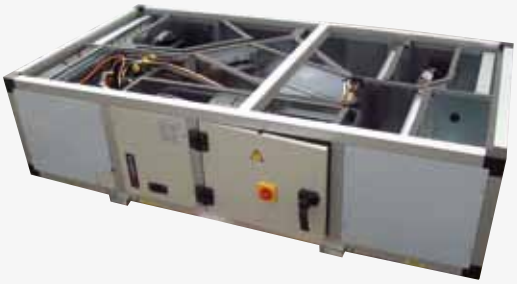
PRODUCT SPECIFICATIONS

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 m^3/h to 3000 m^3/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.



TECHNICAL DATA

Model	Nominal airflow	Total heating power recovered (1)	Winter flow temperature (1)	Winter static power recovered (1)	Winter static recovery efficiency (1)	Thermal power recovered by the compressor (1)	Power absorbed by the compressor winter hot (1)	COP (1)	Total heating power recovered (2)	Winter delivery temperature	Winter static power recovered (2)	Winter static recovery efficiency (2)	Thermal power recovered by the compressor (2)	Power absorbed by the compressor winter hot (2)	COP (2)	Total cooling power recovered (3)	Summer delivery temperature (3)	Summer static power recovered (3)	Summer static recovery efficiency (3)	Refrigerator power recovered by the compressor (3)	Power absorbed by the compressor winter cold (3)	EER
	m^3/h	W	°C	W	%	W	W	W/W	W	°C	W	%	W	W	W/W	W	°C	W	%	W	W	/
RHLP 500	500	4800	19.8	3660	88.4	1200	260	4.6	3660	26.0	1810	83.5	1850	350	5.3	2870	22.4	1070	86.4	1800	550	3.3
RHLP 1000	1000	9300	20.2	6420		2100	500	4.2	6420	26.3	3620		2800	520	5.4	4590	24.7	2140		2450	800	3.1
RHLP 1500	1500	13600	20.2	9930		2800	750	3.7	9930	26.9	5430		4500	950	4.7	7010	24.5	3210		3800	1250	3.0
RHLP 2000	2000	18800	22.0	12590		4400	900	4.9	1290	25.9	7240		5350	1000	5.4	9780	24.1	4280		5500	1400	3.9
RHLP 2500	2500	24000	22.3	16050		6000	1200	5.0	1650	26.3	9050		7000	1250	5.6	12450	23.9	5350		7100	1700	4.2
RHLP 3000	3000	29700	22.7	20160		8100	1550	5.2	20160	27.2	10860		9300	1700	5.5	15770	23.4	6420		9350	2300	4.1