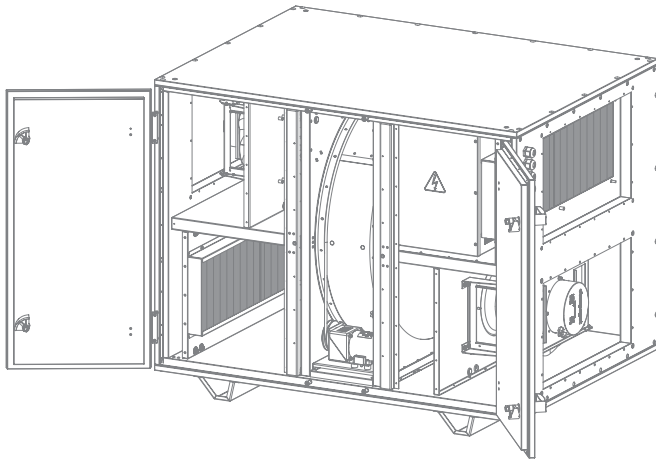


HEAT RECOVERY VENTILATION UNIT RH



The brand new premium line of commercial heat recovery air handling units for floor mounting with high-efficient heat exchanger. Available in 8 standard sizes based on the air flow capacity of 470, 705, 880, 1400, 2000, 3000, 3500, 5300 CFM. Optionally accomplished with electric heater or water heater and ready for operation with all necessary control elements.

Main features:

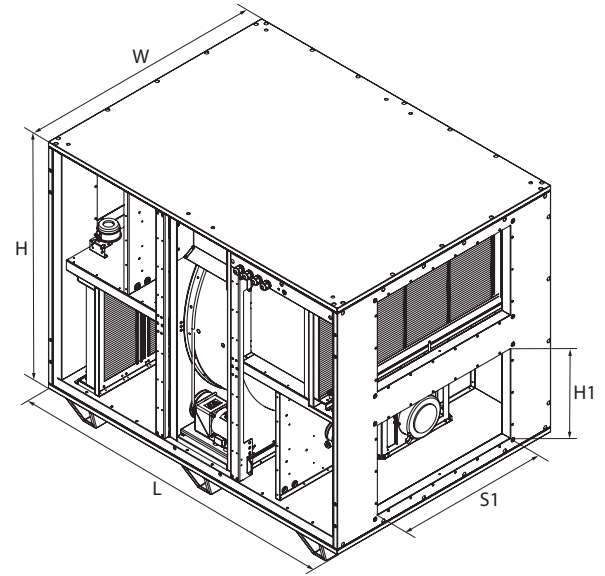
- High-efficient EC fans, backward-curved, external rotor. Low power consumption at any speed, low noise level and stable operation in any climate conditions.
- Integrated plug-and-play controls on the basis of the Carel controller. Easy connecting via web-interface using the Ethernet-Modbus and BACnet.
- High-efficient aluminum rotary heat exchanger.
- Casing: Double skin; frameless; 40 mm mineral wool 90 kg/m³ for RH 800-6000 and with frame 50 mm for RH 9000. The units have C4 corrosion resistance class in compliance with ISO 12944. Each model is available in left- and right-handed modifications. The units have service access on both sides and on the bottom.
- Washable MERV13, MERV8 (optional) panel filters in exhaust and supply air streams.
- Integrated control panels:
 - A30 th-Tune: standard control panel with handy interface ensures basic setup of parameters.
 - A32 pGDe: control panel with expanded functionality ensures complete setup of parameters.
- Integrated automatic external dampers with Belimo actuators.
- ECO-Design'18 compliant.

Technical parameters

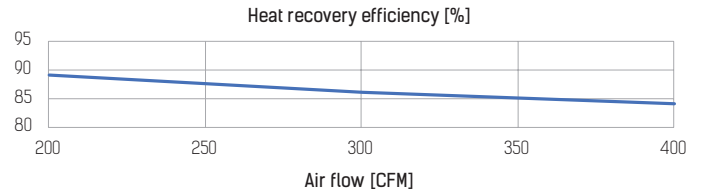
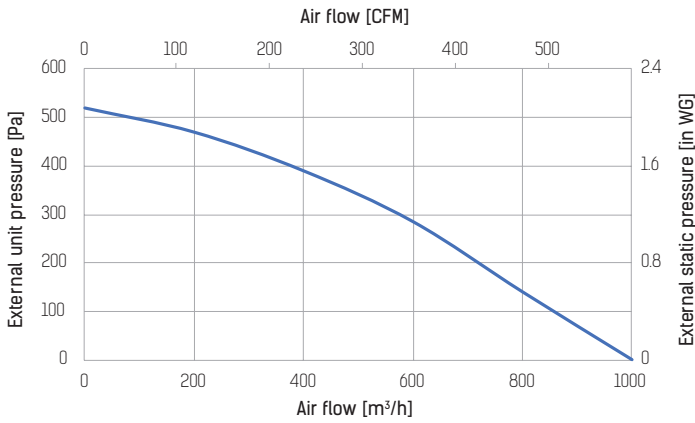
Model	RH 800	RH 1200	RH 1500	RH 2500	RH 3500	RH 5000	RH 6000	RH 9000	
Nominal air flow [CFM]	470	705	883	1471	2060	2943	3531	5298	
EC fans	phase/voltage [50-60 Hz/VAC]	1~200/240				3~380/480			
	power/current [kW/A]	2x0.27/2.5	2x0.61/5.3	2x0.61/5.3	2x0.835/7.6	2x1.23/3.95	2x1.41/3.95	2x2.74/8.8	2x2.74/8.8
	fan speed [min ⁻¹]	2800	3000	3000	3000	2400	1350	1700	1700
	perm. amb. temp. [°F]	-31...+122							
	motor protection	IP54							
	insulation class	F							
Filter class exhaust/supply standard (optional)	MERV13 (MERV8)/MERV13 (MERV8)								
Weight (net, without packaging) [lb]	418	418	547	547	723	1232	1232	2050	
Lpa (to environment), 3 m [dBA]	35	36	35	39	41	37	40	48	

Overall dimensions [in]

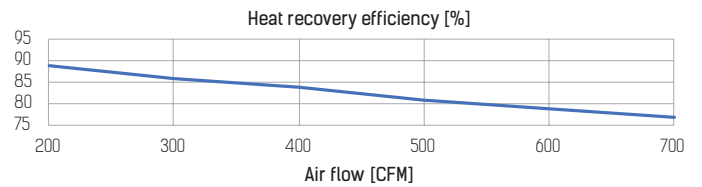
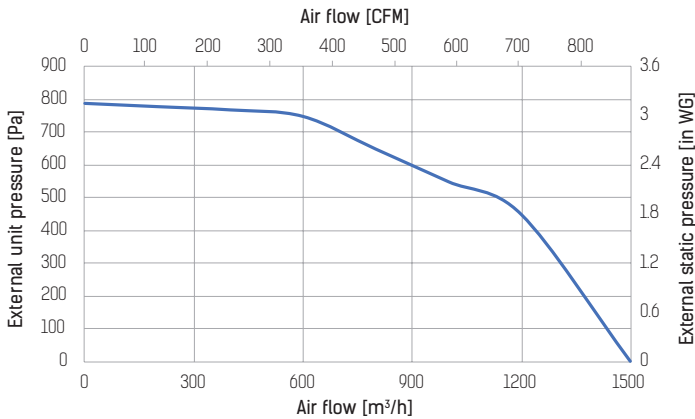
	RH 800	RH 1200	RH 1500	RH 2500	RH 3500	RH 5000	RH 6000	RH 9000
L	55.12	55.12	51.18	51.18	51.18	75.20	75.20	82.28
W	30.12	30.12	37.80	37.80	49.61	54.72	54.72	68.43
H	32.28	32.28	37.80	37.80	50.79	55.91	55.91	71.46
H1	Ø 12.40	Ø 12.40	13.78	13.78	15.75	19.69	19.69	23.62
S1	-	-	23.62	23.62	27.56	39.37	39.37	47.24



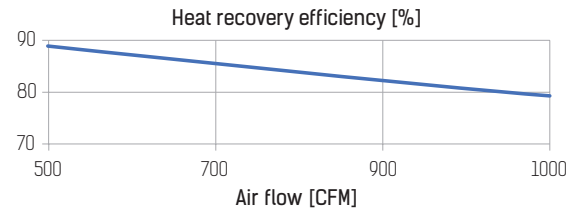
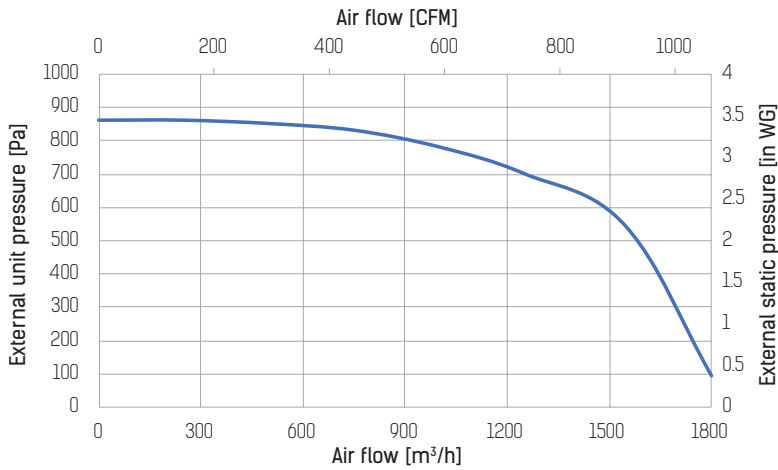
RH 800



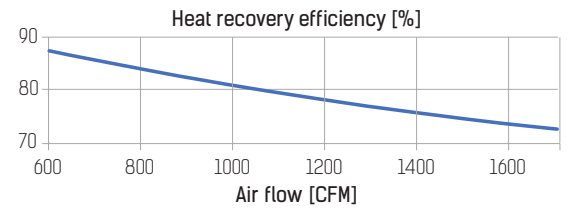
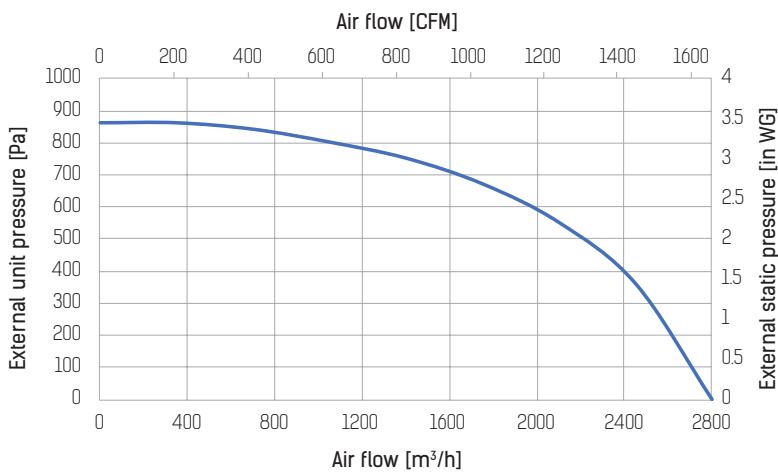
RH 1200



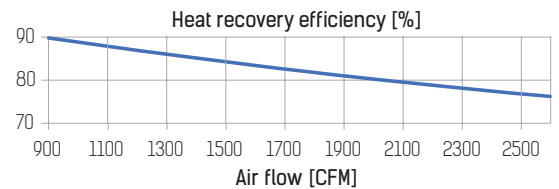
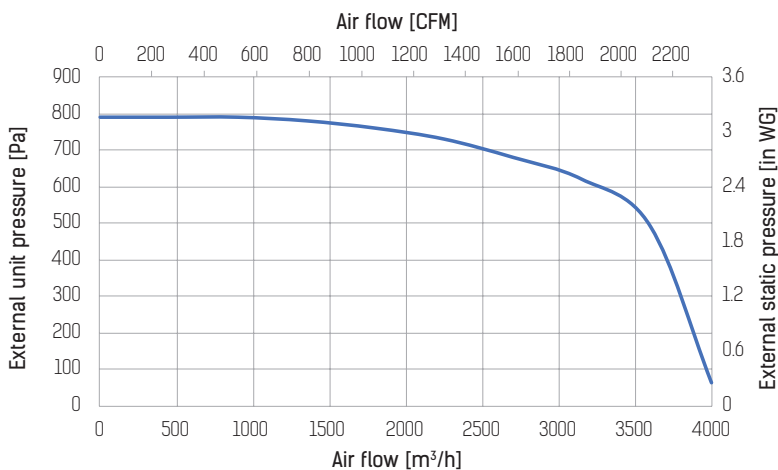
RH 1500



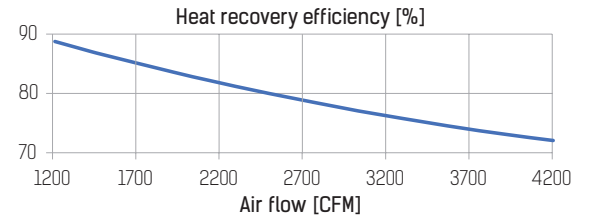
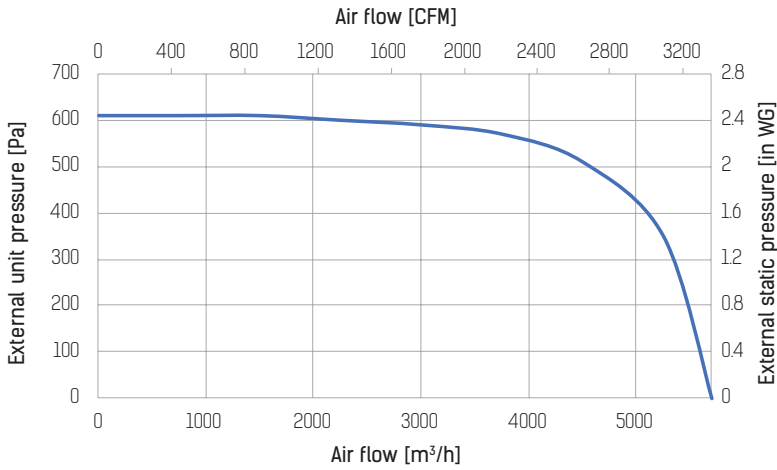
RH 2500



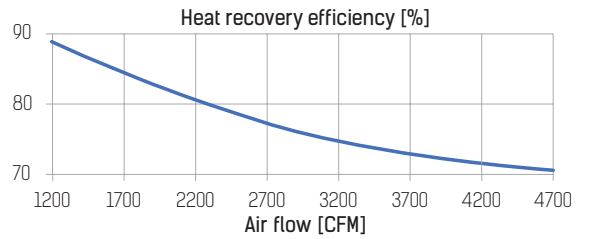
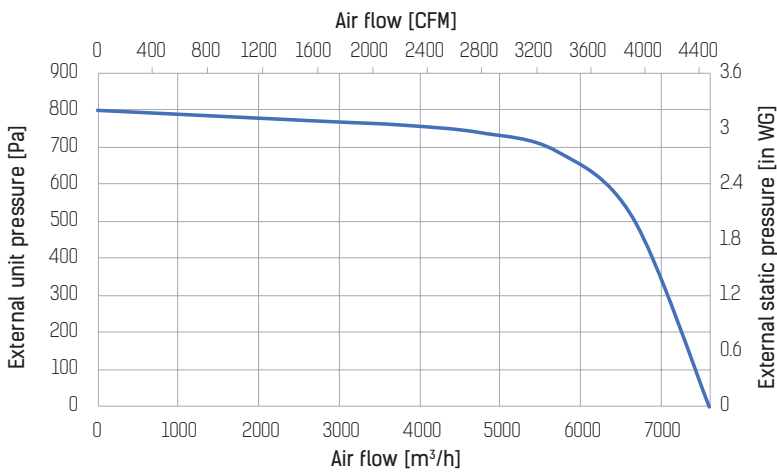
RH 3500



RH 5000



RH 6000



RH 9000

