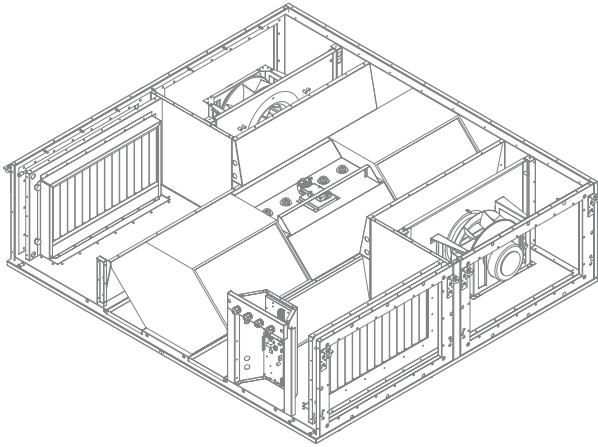


HEAT RECOVERY VENTILATION UNIT CFP



The brand new premium line of commercial heat recovery air handling units for suspended mounting with high-efficient counter-flow heat exchanger. Available in 8 standard sizes based on the air flow capacity of 295, 412, 706, 883, 1471, 2060, 2943, 3531 CFM.

Optionally accomplished with electric heater or water heater and ready for operation with all necessary control elements.

Main features:

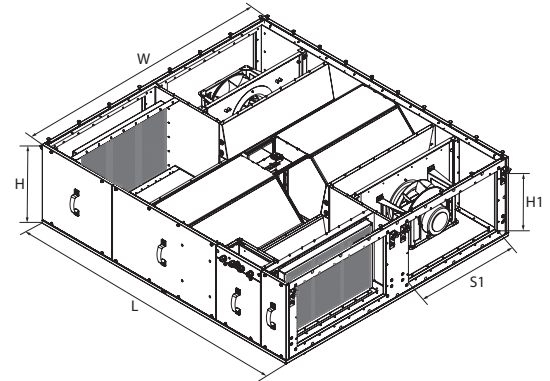
- High-efficient EC fans, backward-curved, external rotor. Low power consumption at any speed, low noise level and stable operation in any climate conditions.
- Integrated plug-and-play controls on the basis of the Carel controller. Easy connecting via web-interface using the Ethernet-Modbus and BACnet.
- High-efficient counter-flow heat exchanger is made of profiled plastic plates and impregnated with elastic heat-resistant sealant.
- The stainless steel drain pan is located on the inlet and outlet sides.
- Casing: double skin; frameless; 40 mm mineral wool 90 kg/m³ for CFP 500-3500 and with frame 50 mm for CFP 5000-6000. 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 bypass of the heat exchanger with automatic damper and Belimo actuator ensures active freeze protection. Free heating and cooling functions are also available. Built-in automatic external air dampers with Belimo actuators.
- ECO-Design'18 compliant.

Technical parameters

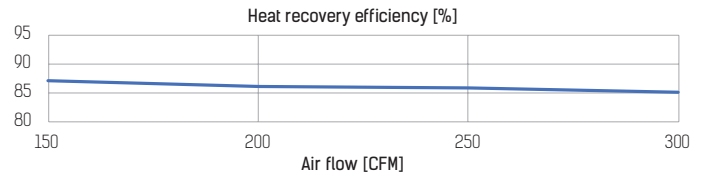
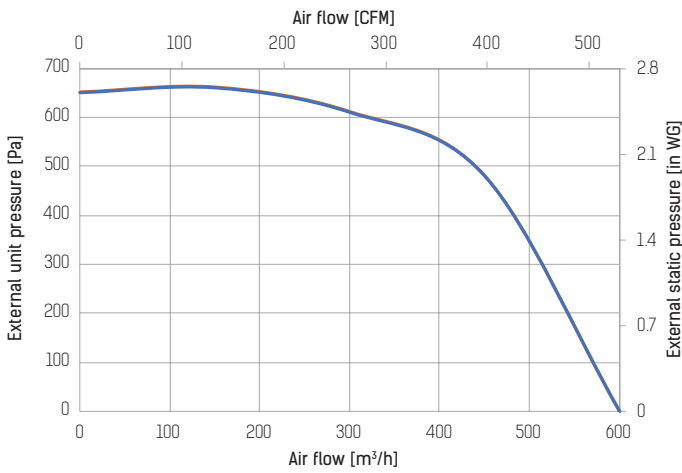
Model	CFP 500	CFP 700	CFP 1200	CFP 1500	CFP 2500	CFP 3500	CFP 5000	CFP 6000	
Nominal air flow [CFM]	295	412	706	883	1471	2060	2943	3531	
EC fans	phase/voltage [50–60 Hz/VAC]		1~200/240			3~380/480			
	power/current [kW/A]		2x0.169/1.75	2x0.169/1.75	2x0.61/5.3	2x0.46/3.0	2x0.74/3.75	2x1.14/1.8	2x1.32/4.25
	fan speed [min ⁻¹]		4120	41120	3200	2848	2640	2400	1350
	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]		181	188	265	595	640	705	1510	
Lpa (to environment), 3 m [dBA]		35	35	39	35	39	42	40	

Overall dimensions [in]

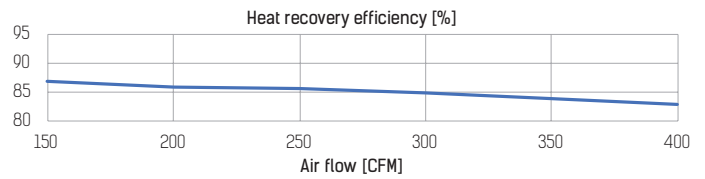
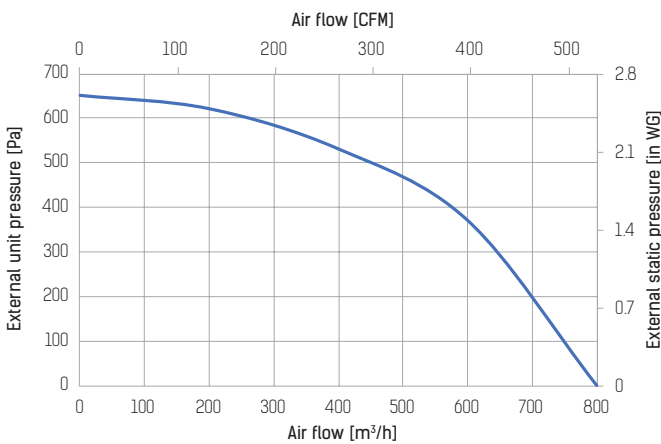
	CFP 500	CFP 700	CFP 1200	CFP 1500	CFP 2500	CFP 3500	CFP 5000	CFP 6000
L	59.06	59.06	70.87	64.80	64.80	74.02	114.17	114.17
W	42.52	42.52	56.69	59.06	59.06	59.06	74.80	74.80
H	14.17	14.17	14.96	18.90	18.90	24.80	39.37	39.37
H1	Ø 9.84	Ø 9.84	9.84	13.78	13.78	13.78	19.69	19.69
S1	-	-	19.69	23.62	23.62	23.62	31.50	31.50



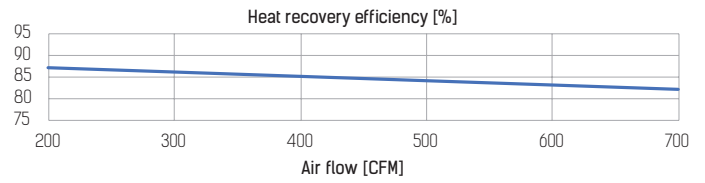
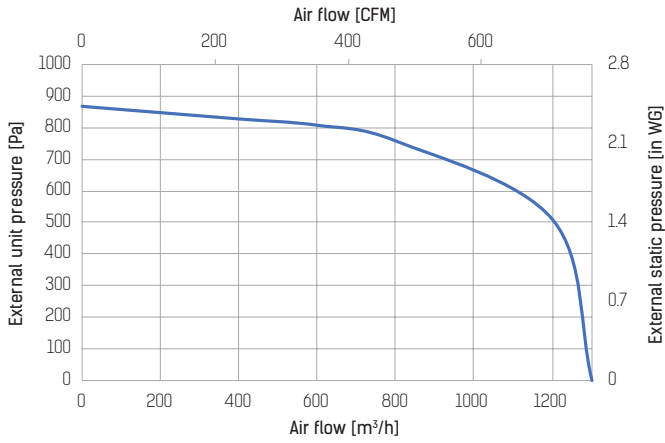
CFP 500



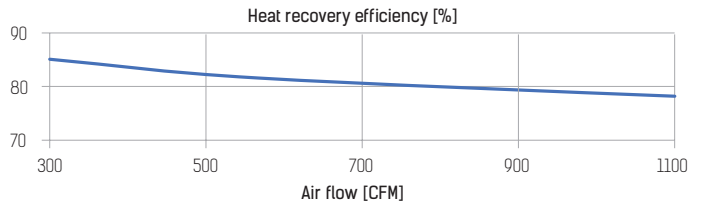
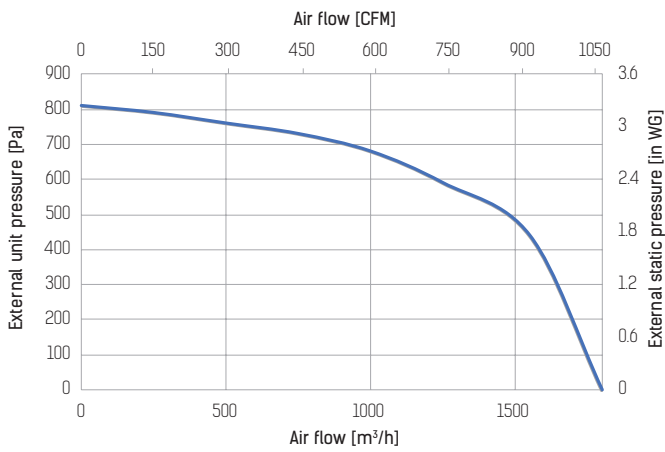
CFP 700



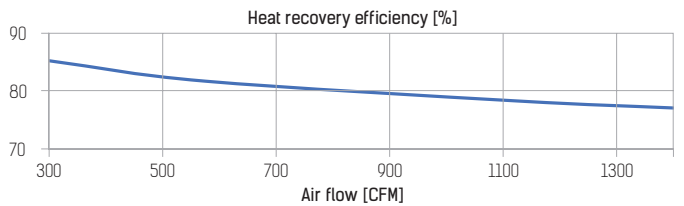
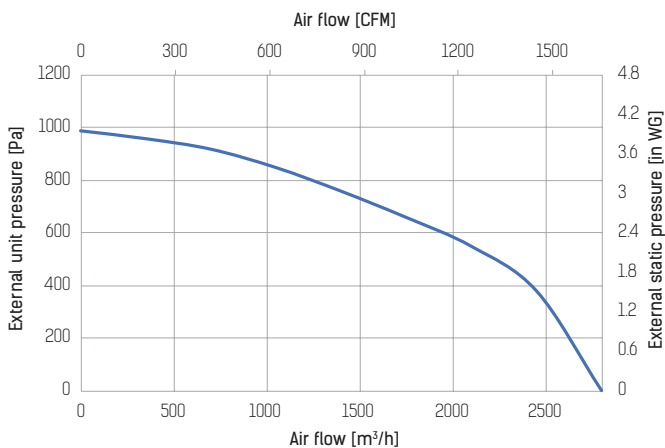
CFP 1200



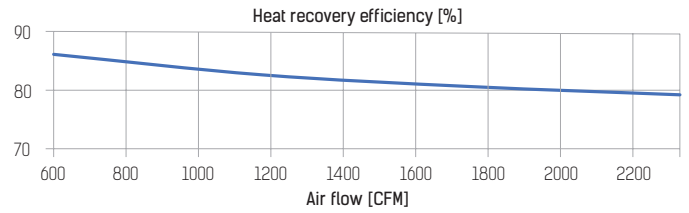
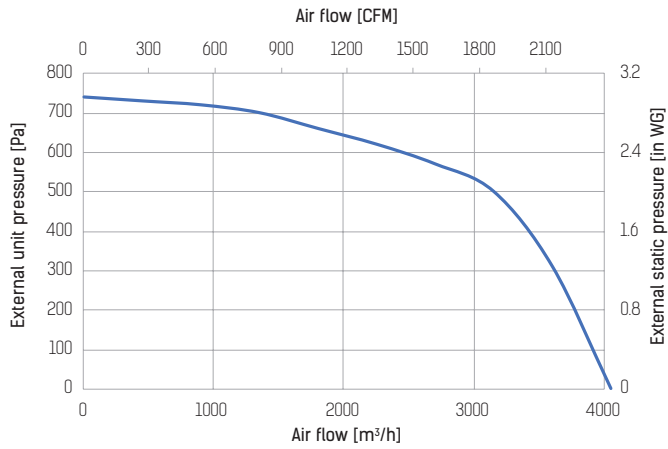
CFP 1500



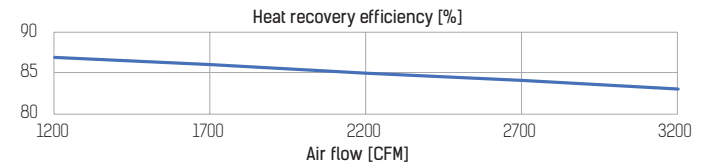
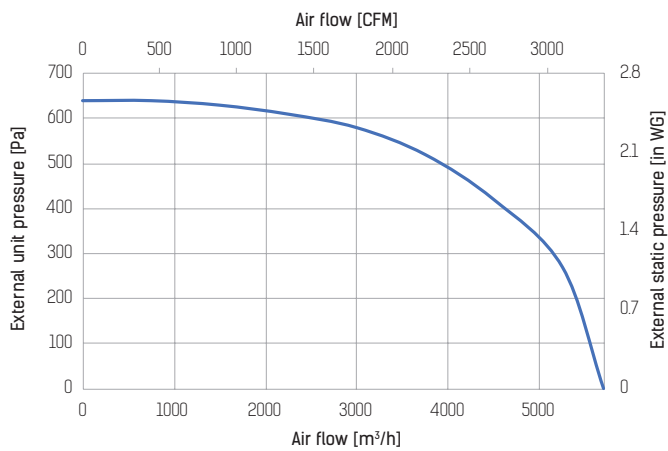
CFP 2500



CFP 3500



CFP 5000



CFP 6000

