



Compact air handling units for ceiling/ floor mounting type CXP

The AmberAir Compact CXP is a new generation of ceiling air handling units with an advanced casing and unique maintenance solution, which allows the installation of a unit indoors under the ceiling, on the ground or horizontally. The extended airflow range (up to 4000 m³/h) enables them to substitute for traditional horizontal and vertical units in order to save space on the ground for other equipment.

Fan

- High efficiency EC fans with a backwards curved impeller

Exchanger

- Counter-flow aluminium heat exchanger (efficiency up to 90%)
- Integrated modulating control electric heater (signal 0-10V) or integrated water heater

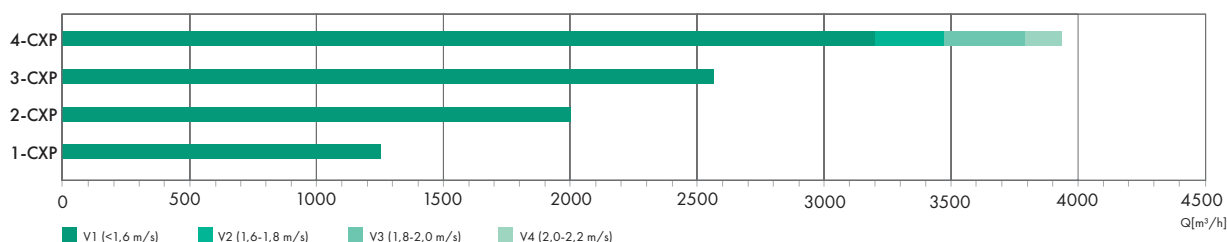
Filter

- Pocket filters F7 - ISO 16890 ePM10 75% and M5 - ISO 16890 ePM10 65% (panel filters and other filter classes available upon request)
- Easy filter changes from the side without opening doors

Certification

- Eurovent certified air handling units
- Casing strength class: D1(M)
- Casing air leakage class at 400 Pa & 700 Pa: L1(M)
- Filter bypass leakage class: F9(M)
- Thermal transmittance class: T2
- Thermal bridging factor class: TB1

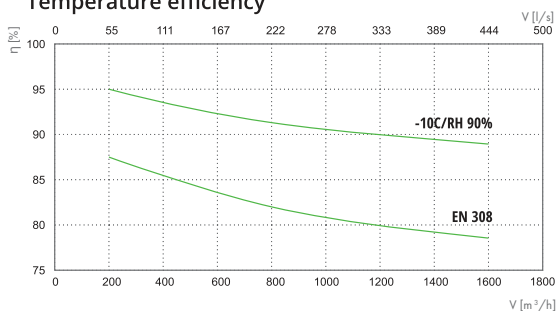
Selection curves



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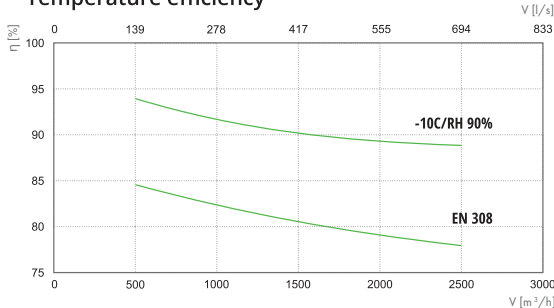
1-CXP

Temperature efficiency



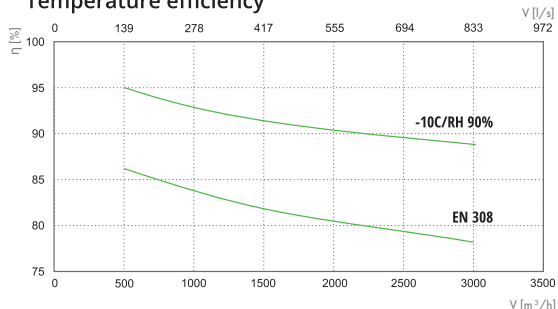
2-CXP

Temperature efficiency



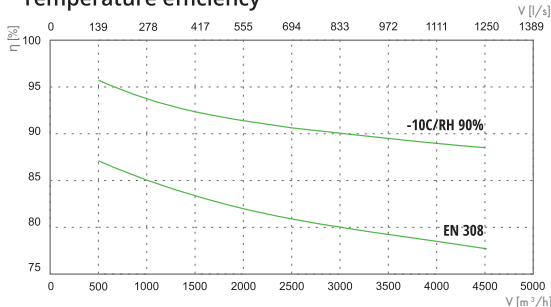
3-CXP

Temperature efficiency



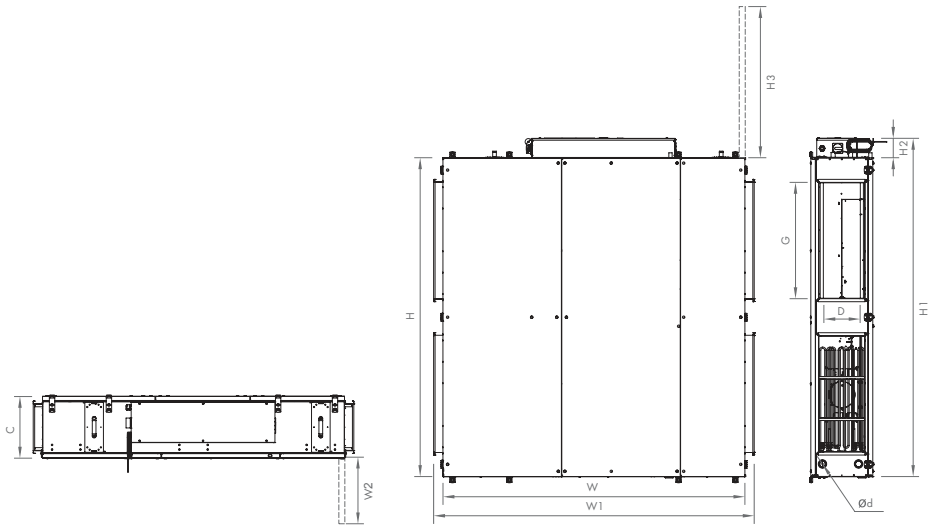
4-CXP

Temperature efficiency



Technical data				1-CXP	2-CXP	3-CXP	4-CXP
Maximaal elektrisch vermogen van de ventilatoren		[kW]		0.76	0.78	2.1	4.2
Fase/spanning/frequentie van de ventilator		[f/VAC/Hz]		1~/230/50	1~/230/50	3~/400/50	3~/400/50
Opgenomen elektrisch vermogen van de elektrische batterij		[kW]		2	3	4.5	6
Fase/spanning/frequentie van de elektrische batterij		[f/VAC/Hz]		1~/230/50	3~/400/50	3~/400/50	3~/400/50
Maximaal energieverbruik	Elektrische batterij	[kWh]		2.76	3.78	6.6	10.2
	Warm waterbatterij	[kWh]		1.06	1.08	2.4	4.5

Heat recovery units



Dimensions													
	W [mm]	W1 [mm]	W2 [mm]	C [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	G [mm]	D [mm]	Ød [mm]	Ø cond [mm]	[kg]
1-CXP	1750	1852	875	385	1397	1534	137	650	500	250	46	21.3	169
2-CXP	1850	2020	725	400	1850	1975	125	900	700	300	46	21.3	179
3-CXP	1950	2070	770	400	2060	2185	125	1010	750	300	46	21.3	301
4-CXP	2250	2370	880	500	2250	2370	120	1120	750	350	46	21.3	361