

**AmberAir
Compact CXV**

- Non residential
- Counterflow heat exchanger
- R-COVERY by SALDA
- up to 8.000 m³/h
- Vertical
- Heat recovery unit with efficiency ≥ 75%



Compact air handling units with upper connection type AmberAir Compact CXV

AmberAir Compact CXV (Eurovent certified) is an air handling unit, perfectly suitable for installations in small spaces due to the modular concept and the air connections on the upper side. Air flow range up to 8.000 m³/h.

Application

- Ventilation and air handling for commercial and industrial applications
- School buildings, offices, retail stores, hotels and industry
- Suitable for inside and outside installation

Composition

- Joints-profile connected with blocking screws which ensures air tightness
- Thermal breaking profiles with 25 mm plastic strips
- Profiles internally rounded for easy cleaning
- Galvanized steel and powder coated grey color RAL 7040
- New generation polyurethane panels 45 mm
- Internal adhesive gasket insulation
- External gasket insulation
- Extremely rigid plastic corners
- Special plastic panels covering

Specifications

- 100% motorized bypass damper
- Stainless steel drip tray – high draining efficiency 95%
- Temperature range from -40°C up t +40°C
- Demand control level with an integrated humidity sensor
- Double-skinned casing panels
- Polyurethane panels 45 mm
- Galvanized steel powder coated corrosion class C3

Fan

- High efficiency EC fans

Exchanger

- Counterflow heat exchanger with high efficiency (up to 90%) in aluminium
- Integrated modulating control electric heater (signal 0-10V) or integrated water heater

Filter

- Panel filters F7 - ISO 16890 ePM1 70% and M5 - ISO 16890 ePM10 55% (pocket filters and other filter classes available upon request)

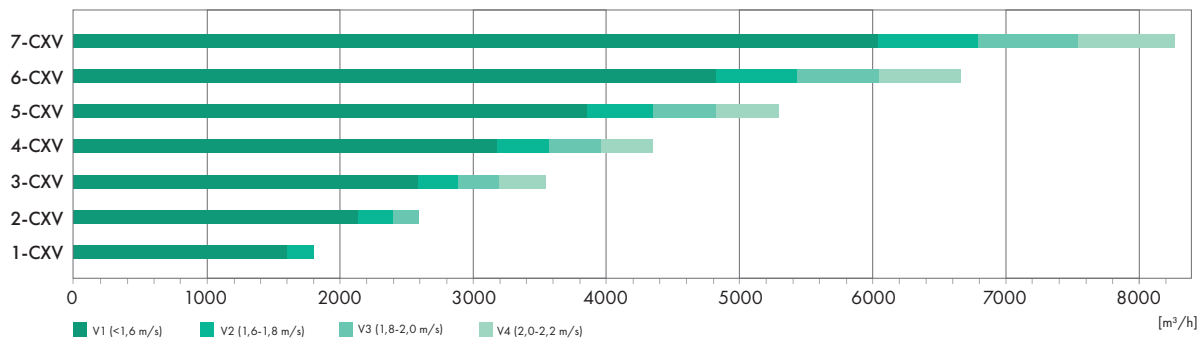
Regulation & functions

- Integrated, intelligent regulation (plug & play)

Certification

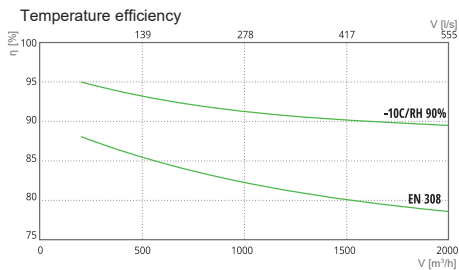
- Eurovent certified air handling units
- Casing strength class: D1(M)
- Casing air leakage class at 400 Pa & 700 Pa: L1(M)
- Filter bypass leakage class: F9(M)
- Thermal transmittance class: T2
- Thermal bridging factor class: TB1

Selection curves

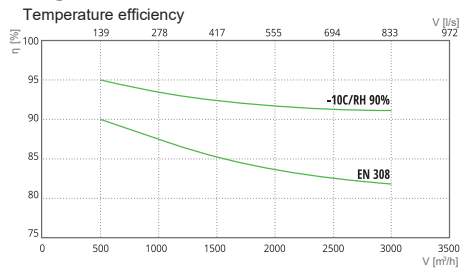


Selection curves

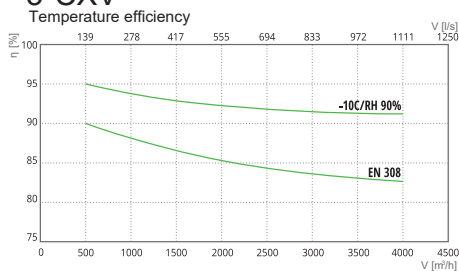
1-CXV



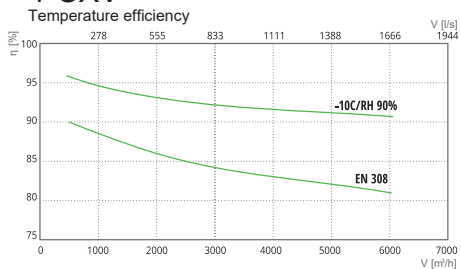
2-CXV



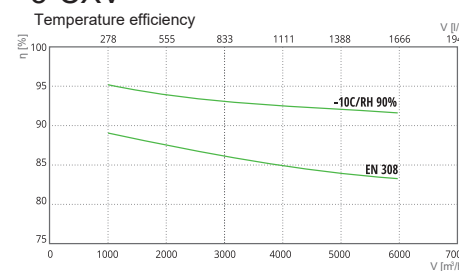
3-CXV



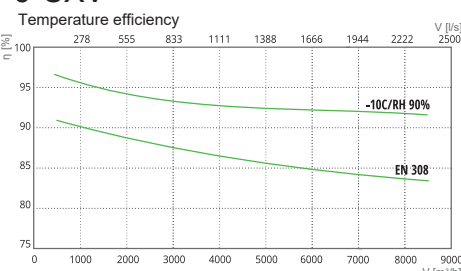
4-CXV



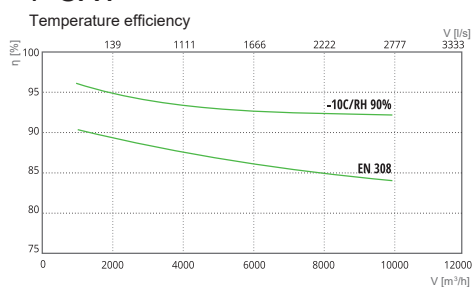
5-CXV



6-CXV



7-CXV

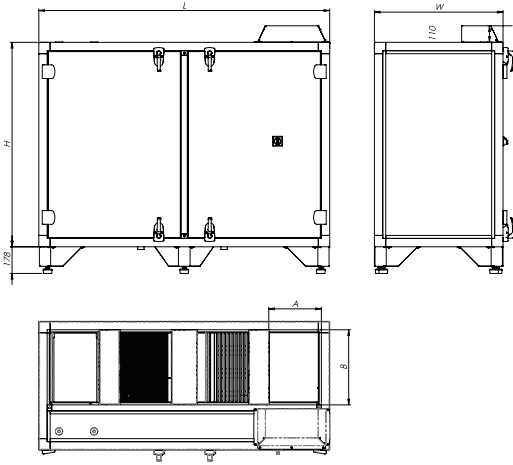


Technical data

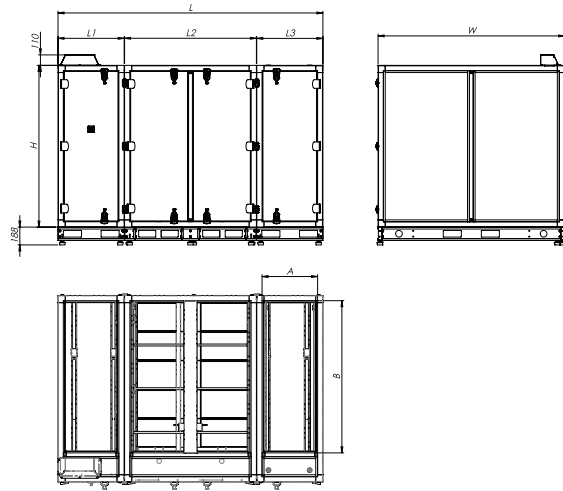
		1-CXV	2-CXV	3-CXV	4-CXV	5-CXV	6-CXV	7-CXV
Max. electric power input of fans	[kW]	0.76	0.94	1.43	2.56	3.8	4.55	5.68
Phase/voltage/frequency of fan	[f/VAC/Hz]	1~/230/50	1~/230/50	1~/230/50	1~/280/50	3~/400/50	3~/400/50	3~/400/50
Electric power input of electrical heater	[kW]	2	3	4	6	7	9	12
Phase/voltage/frequency of electrical heater	[f/VAC/Hz]	1~/230/50	1~/230/50	3~/400/50	3~/400/50	3~/400/50	3~/400/50	3~/400/50
Max. power consumption	Electrical heater	2.76	3.94	5.03	8.56	11	13.55	17.68
	Water heater	1.16	1.44	2.03	3.26	4.6	5.45	6.68

Higher power input values of electrical heater or other type of fan available on demand

AmberAir Compact 1-5 CXV



AmberAir Compact 6-7 CXV



	Dimensions								
	A [mm]	B [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	W [mm]	H [mm]	[kg]
1-CXV	300	500	1740	-	-	-	850	1300	233
2-CXV	350	500	1935	-	-	-	855	1360	283
3-CXV	350	600	2070	-	-	-	895	1415	345
4-CXV	350	925	2070	-	-	-	1220	1415	387
5-CXV	400	950	2220	-	-	-	1290	1460	444
6-CXV	550	1250	2715	660	1385	660	1595	1660	752
7-CXV	585	1600	2785	695	1385	695	1960	1700	893