

AmberAir Compact CXH

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



Compact air handling units type AmberAir Compact CXH

AmberAir Compact CXH (Eurovent certified) is an air handling unit, perfectly suitable for installations in small spaces due to the modular concept and the horizontal air connections. 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

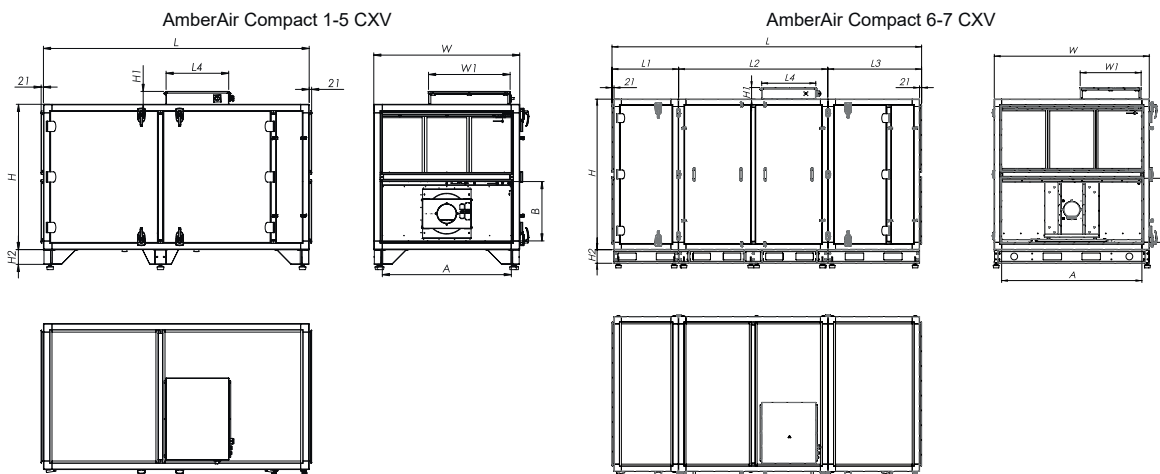
- Integrated, intelligent regulation (plug & play)

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: TB2

		Technical data						
		1-CXH	2-CXH	3-CXH	4-CXH	5-CXH	6-CXH	7-CXH
Max. electric power input of fans	[kW]	0,76	0,94	1,44	2,7	5	5	5,8
Phase/voltage/frequency of fan	[f/VAC/Hz]	1~/230/50	1~/230/50	1~/230/50	1~/230/50	3~/400/50	3~/400/50	3~/400/50
Electric power input of electrical heater	[kW]	2	3	3,6	6	7,2	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	8,7	12,23	14	17,8
	Water heater	1,06	1,24	1,73	3,0	5,3	5,5	6,3

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



	Dimensions											
	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	W [mm]	W1 [mm]	H [mm]	H1 [mm]	H2 [mm]	A [mm]	B [mm]
1-CXH	1796	-	-	-	550	850	624	950	120	130	700	395,5
2-CXH	2195	-	-	-	550	860	624	1210	120	130	707	489,5
3-CXH	2350	-	-	-	550	895	624	1285	120	130	743	526,5
4-CXH	2350	-	-	-	550	1220	721	1285	120	130	1070	526,5
5-CXH	2350	-	-	-	550	1290	721	1285	120	130	1139	526,5
6-CXH	3147	685	1540	965	550	1596	624	1550	120	140	1445	659,5
7-CXH	3215	720	1540	1000	550	1961	624	1550	120	140	1810	659,5