CVM
AIR EXTRACTORS

6 sizes for air volumes from
300 to 4.500 m3/h

AIR EXTRACTORS CVM SERIES

The CVM series of air extractors is the result of careful design. The extractors have been manufactured to make them versatile and suitable for all applications where forced ventilation is required. Cubic shape enables panel position and unit orientation to be easily modified. This also enables onsite modifications. There are six different sizes available with flow rates ranging from 300 to 4500 m^3/h and for static available pressures up to 250 Pa. Careful attention has been given to noise and vibration levels.

DESIGN FEATURES

- Twin extraction electric ventilators;
- 230 V single-phase three speed electric motors with permanently enabled condenser;
- Aluminium section frame;
- Twin 25 mm sheet metal panels. The internal layer is galvanized and the outer layer plasticized and galvanized. There is a layer of heat injected closed cell expansion polyurethane between the two metal layers.
- Flange for channel connection.
- Removable inspection cover for easy maintenance.
- Protective mesh in accordance with current safety standards.

AVAILABLE VERSIONS

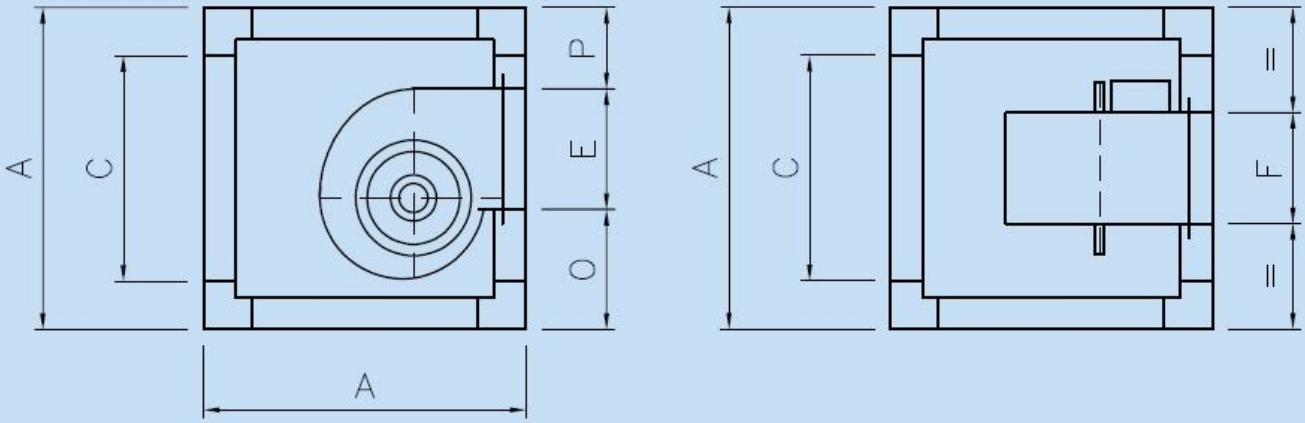
- Outdoor version
- Low-noise version (CVMI):
  - Panels thickness 50mm;
  - Insultion with mineral wool including a micro-perforated metal sheet and protected by a transparent foil;

ACCESSORIES

- Switch for three-speed functioning plus stop;
- Brackets for ceiling mounting;
- Expulsion outlet casing;
- Suction damper;
- Suction grill;

Mod.	Speed	Static head (Pa)															Electrical data		
		50			100			150			200			250			W	A	Poles
		m³/h*	dB(A)**	dB(A)***	m³/h*	dB(A)**	dB(A)***	m³/h*	dB(A)**	dB(A)***	m³/h*	dB(A)**	dB(A)***	m³/h*	dB(A)**	dB(A)***			
CVM 10	min	280	23	45	130	29	49	-	-	-	-	-	-	-	-	-	45	0.5	4
	mean	450	27	49	330	31	53	150	35	56	-	-	-	-	-	-			
	max	750	28	59	650	28	58	500	28	58	80	30	59	-	-	-			
CVM 20	min	850	34	56	500	36	56	-	-	-	-	-	-	-	-	-	150	1.3	6
	mean	1100	40	63	700	36	58	-	-	-	-	-	-	-	-	-			
	max	1350	38	66	900	32	59	-	-	-	-	-	-	-	-	-			
CVM 30	min	800	26	48	800	28	52	600	32	54	-	-	-	-	-	-	150	1.4	6
	mean	1100	34	56	1200	35	57	1100	35	57	-	-	-	-	-	-			
	max	-	-	-	1700	35	65	1500	35	64	-	-	-	-	-	-			
CVM 40	min	1700	37	60	1800	38	60	1500	39	60	200	41	63	-	-	-	250	2.3	6
	mean	2250	35	55	2200	36	66	1900	30	62	250	30	64	-	-	-			
	max	2900	38	70	2600	37	69	2200	36	65	350	34	63	-	-	-			
CVM 50	min	1500	35	57	1500	35	57	1300	37	59	600	38	59	250	38	60	250	2.3	6
	mean	1900	35	62	1950	33	64	1800	33	63	900	33	63	350	34	63			
	max	2500	31	67	2600	35	67	2600	35	67	1900	34	66	500	34	65			
CVM 60	min	2900	41	64	2900	42	64	2800	42	65	2500	43	65	700	43	66	500	5	6
	mean	3800	38	70	3700	39	70	3300	39	70	3000	38	70	750	38	67			
	max	4500	41	73	4200	39	71	3700	37	70	3200	35	72	800	35	68			

(*) Flow rate in m³/h
(**) Sound pressure level calculated in free field at 1 meter from the fan inlet
(***) Sound pressure level calculated in free field at 1 meter from the panels of the unit



Dimensions and Weight

Mod.	A	C	F	E	P	O	Weight kg
CVM 10	380	300	300	140	40	200	38
CVM 20	500	420	235	210	70	220	42
CVM 30	580	500	230	260	70	250	45
CVM 40	580	500	300	260	70	250	50
CVM 50	650	570	330	290	70	290	58
CVM 60	650	570	330	290	70	290	60

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