

APPLICATION

CVST is designed for the ventilation of large areas, including industrial, shops, restaurant, industrial kitchens. All models are adapted for continuous operation with temperatures up to +80°C.

CONSTRUCTION

CVST are forward-curved belt-driven cabinet fans. The casings are manufactured from galvanized sheet steel and are lined with thermo-acoustic melamine insulation. All models incorporate a single inlet low pressure centrifugal fan mounted on anti-vibration mounts and flexible coupling at the discharge. Supplied as standard in horizontal discharge configuration with motor, pulley and belt assembly on the left hand side of the unit when viewed from the discharge outlet.

MOTOR

Three-phase 230/400V, 50Hz up to 3kW or 400V, 50Hz for higher power motors.

IP 55 protection.

Electrical connection diagram fig. 6 p. 662.



WWW

CE



Vertical air outlet
(Available by request).



Low noise level
(Melamine foam insulation).



Sealing on the outlet side.



Robust aluminum corners.



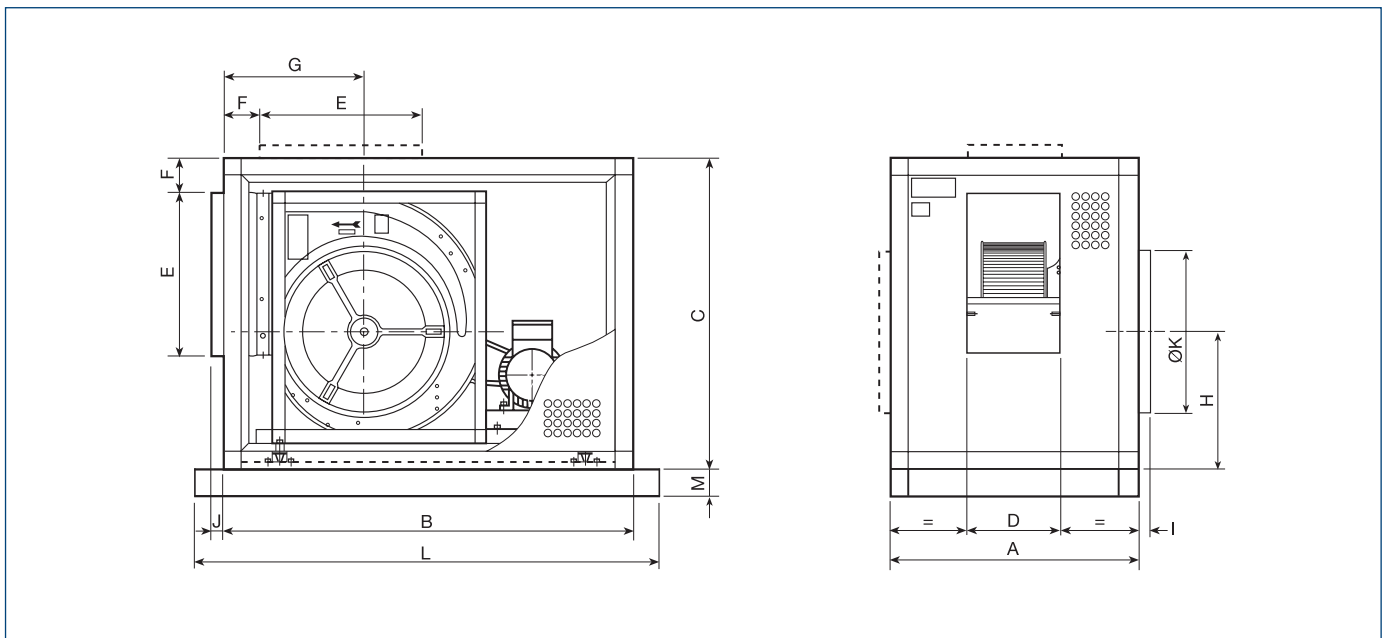
Vibro-isolator.

TECHNICAL CHARACTERISTICS

Type	power input [kW]			speed [r.p.m.]			weight* [kg]
	min	max (version F400/120)	max (version standard.)	min	max (version F400/120)	max (version standard.)	
CVST 9/4	0,25	2,2	2,2	1200	2500	2500	49
CVST 10/6	0,37	2,2	3	1200	1850	2000	54
CVST 12/6	0,55	3	3	800	1800	2000	85
CVST 15/8	0,55	3	3	600	1200	1500	106
CVST 18/8	1,1	7,5	7,5	700	1200	1400	125
CVST 20/10	2,2	11	11	500	1300	1400	235
CVST 22/11	2,2	18,5	18,5	500	1200	1400	273
CVST 25/13	3	22	22	400	1000	1100	305
CVST 30/14	4	22	22	300	600	600	398

* With the most powerful motor option.

DIMENSIONS [mm]



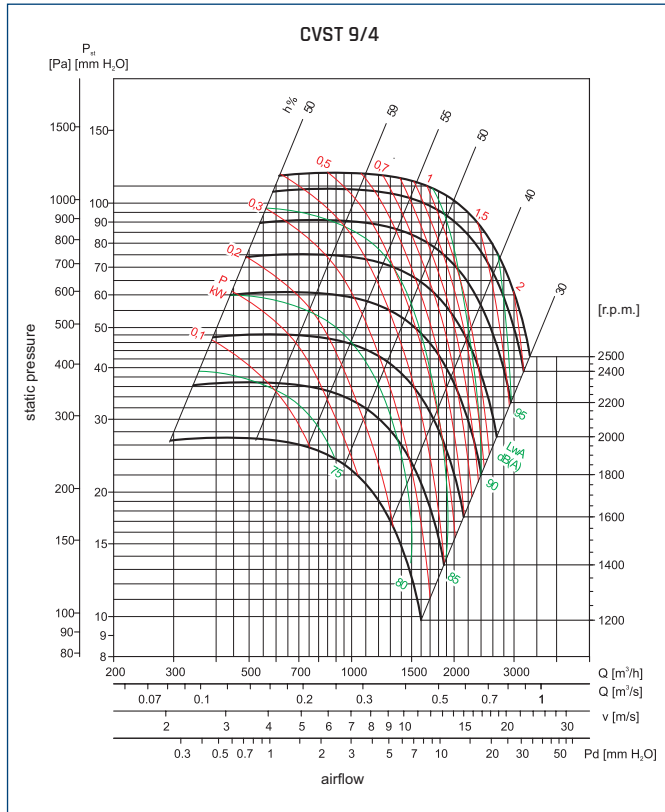
Type	A	B	C	D	E	F	G	H	I	J	ØK	L	M
9/4 H	483	800	554	152	260	96	289	248	40	30	250	-	-
9/4 V	483	800	554	152	260	96	311	268	40	30	250	-	-
10/6 H	554	850	605	208	289	94	311	266	40	30	275	-	-
10/6 V	554	850	605	208	289	94	341	296	40	30	275	-	-
12/6 H	554	950	675	208	341	82	333	302	40	30	325	-	-
12/6 V	554	950	675	208	341	82	381	337	40	30	325	-	-
15/8 H	605	1018	775	258	403	88	307	343	40	30	402	-	-
15/8 V	605	1018	775	258	403	88	431	379	40	30	402	-	-
18/8 H	675	1250	900	268	479	88	389	395	40	30	470	-	-
18/8 V	675	1250	900	268	479	88	505	447	40	30	470	-	-
20/10 H	775	1350	1140	333	626	137	475	491	40	30	560	1510	80
20/10 V	775	1500	1018	333	626	137	678	562	40	30	560	1660	80
22/11 H	850	1500	1250	368	697	161	478	529	40	30	614	1660	80
22/11 V	850	1600	1086	368	697	161	718	612	40	30	614	1760	80
25/13 H	900	1600	1350	423	794	122	486	593	40	30	699	1760	80
25/13 V	900	1800	1190	423	794	122	788	669	40	30	699	1960	80
30/14 H	950	1900	1600	463	945	150	648	696	40	30	797	2060	80
30/14 V	950	2000	1390	463	945	150	899	792	40	30	797	2160	80

H - horizontal outlet, V - vertical outlet

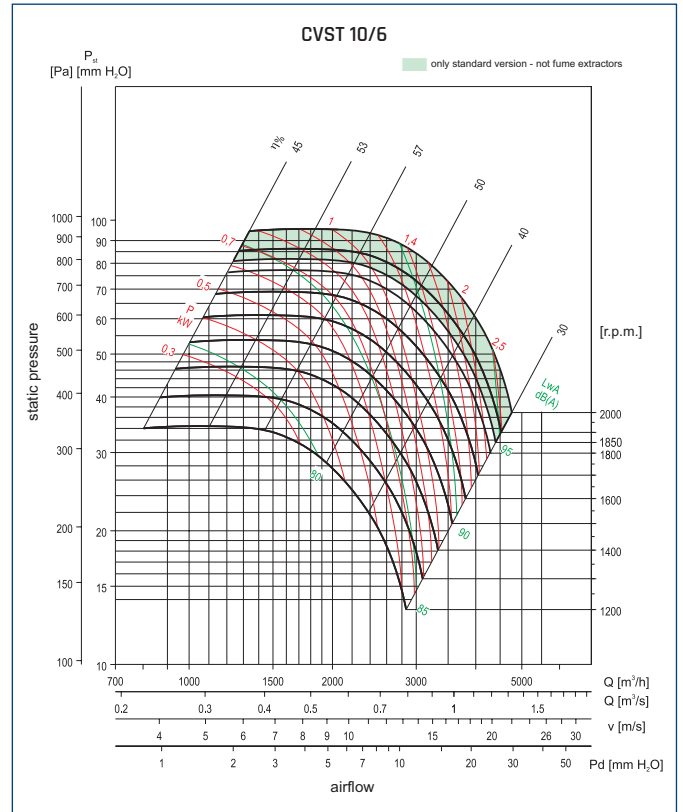
PERFORMANCE CURVES AND ACOUSTIC CHARACTERISTICS

Motor selection: To set the motor power to be installed, the power shown in the graph is multiplied by 1.15.

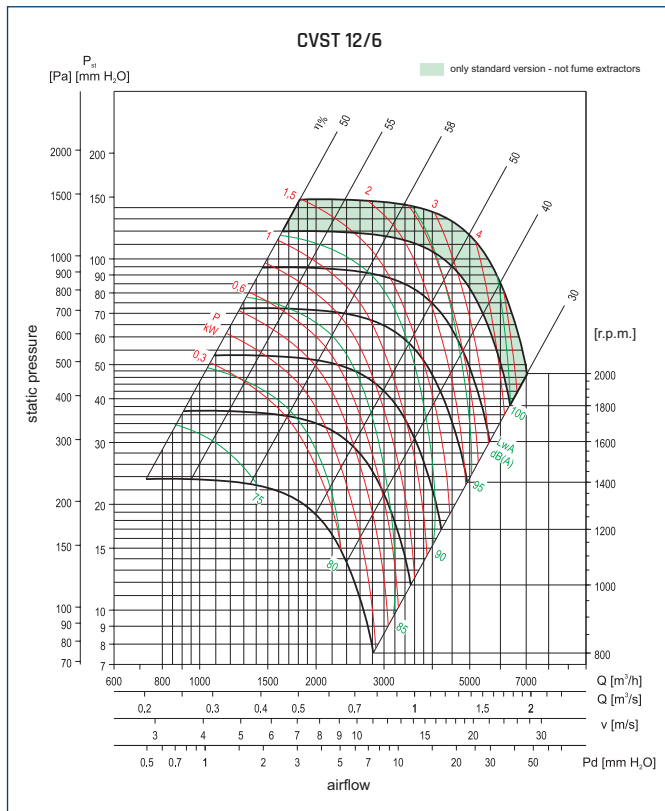
To determine the sound power level for a given frequency, subtract the value given in the table from the value given in the chart.



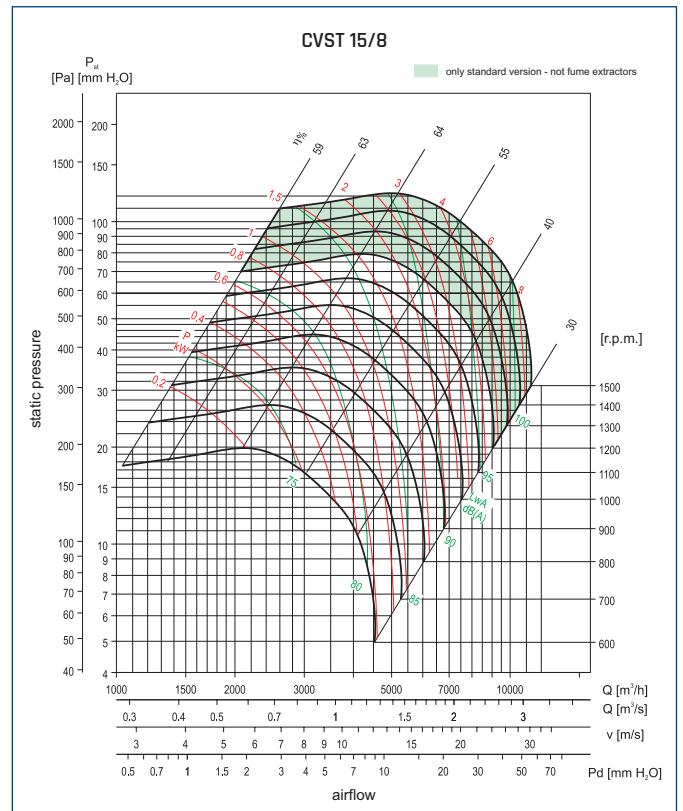
Hz	63	125	250	500	1000	2000	4000	8000
dB	26	19	11	9	4,1	5,4	11	16



Hz	63	125	250	500	1000	2000	4000	8000
dB	24	15	11	11	4,4	6	8	15



Hz	63	125	250	500	1000	2000	4000	8000
dB	25	16	14	10	3,7	5,5	10	16

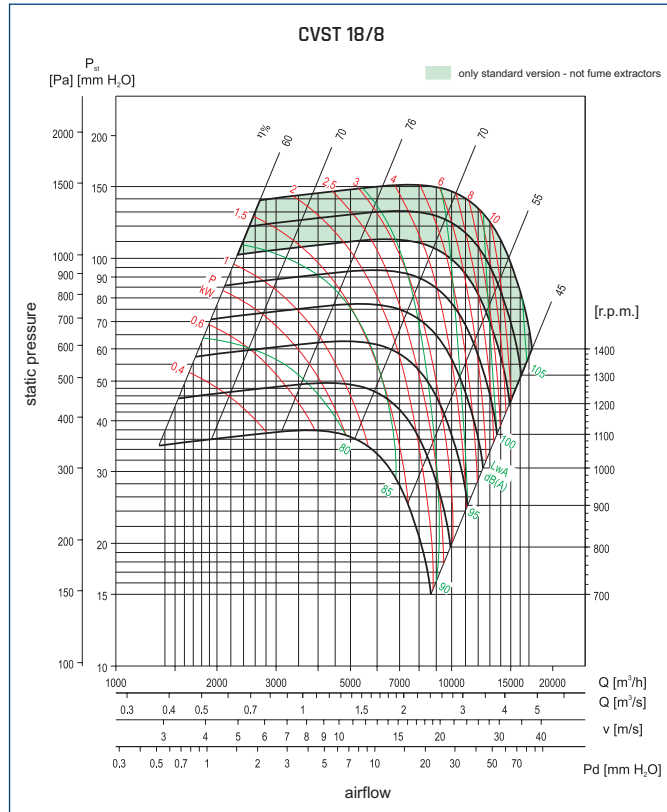


Hz	63	125	250	500	1000	2000	4000	8000
dB	21	10	12	8	4,4	7	11	16

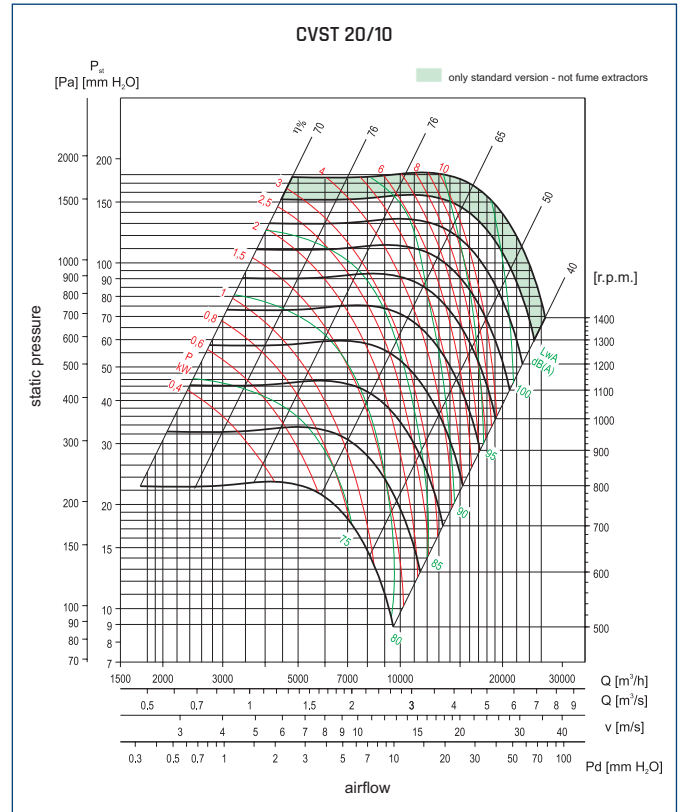
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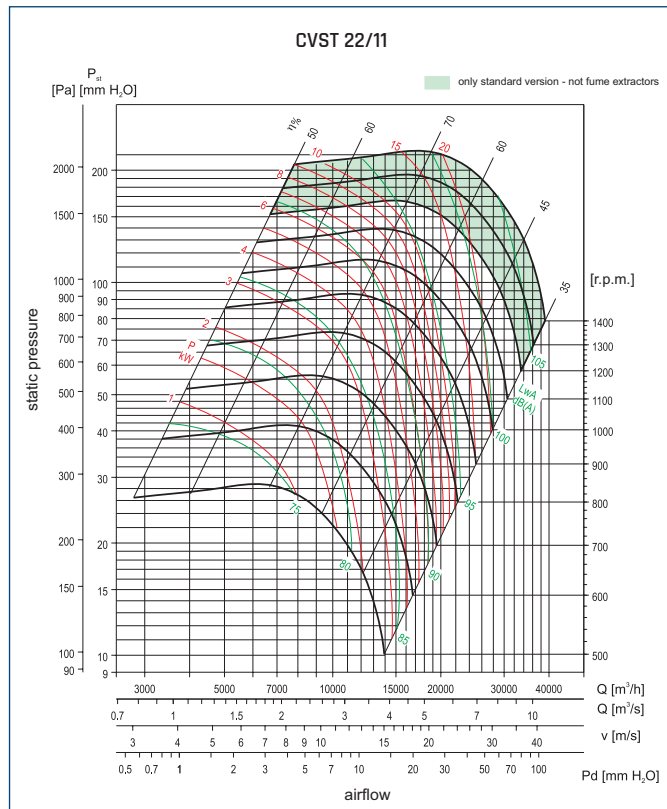
To determine the sound power level for a given frequency, subtract the value given in the table from the value given in the chart.



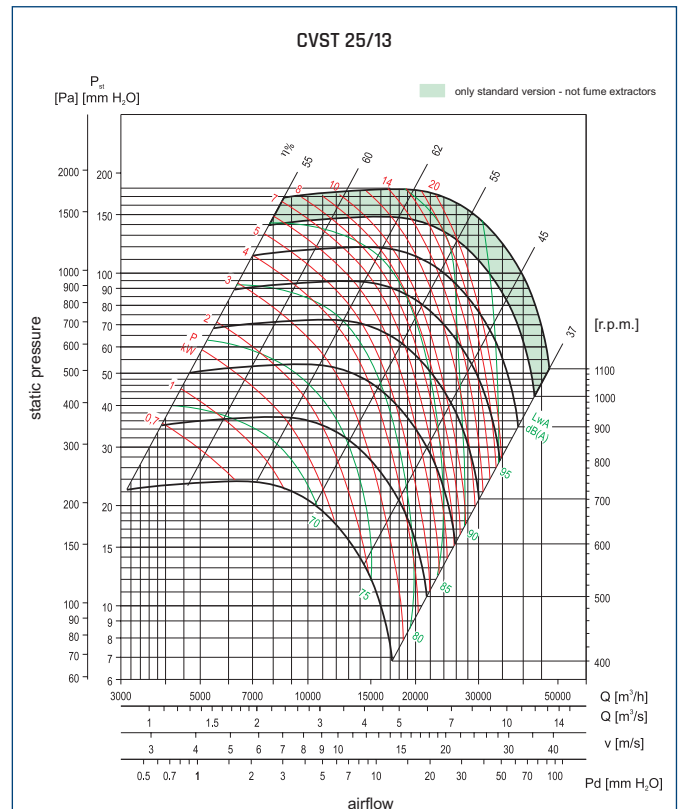
Hz	63	125	250	500	1000	2000	4000	8000
dB	24	11,5	13,4	8,2	4,9	6,2	9,3	16,5



Hz	63	125	250	500	1000	2000	4000	8000
dB	20	14	12	7	4,4	6,5	11	18



Hz	63	125	250	500	1000	2000	4000	8000
dB	21	15	12	7	4,2	6,7	11	17

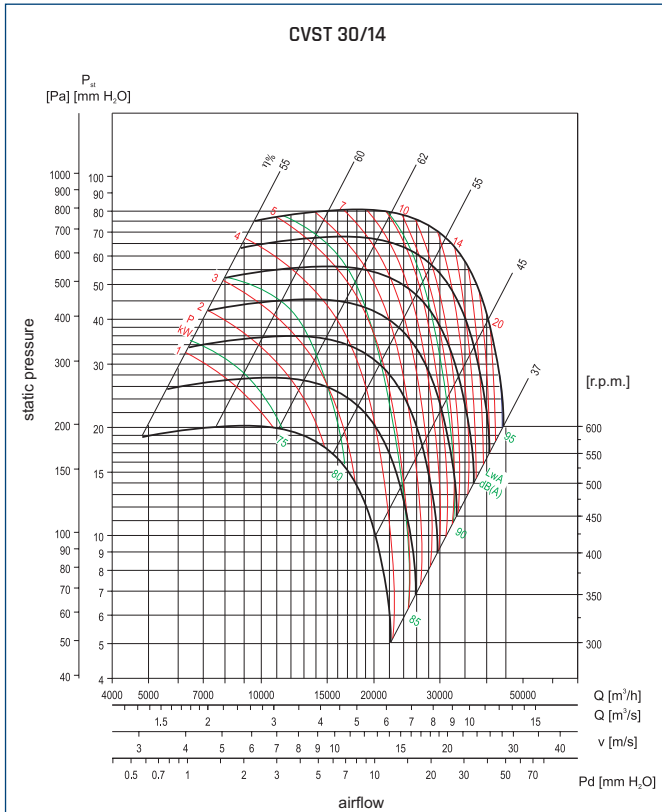


Hz	63	125	250	500	1000	2000	4000	8000
dB	18	15	11	8	4,4	6	11	18

PERFORMANCE CURVES AND ACOUSTIC CHARACTERISTICS

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To determine the sound power level for a given frequency, subtract the value given in the table from the value given in the chart.



Hz	63	125	250	500	1000	2000	4000	8000
dB	17	17	12	9	4,8	5,1	10	17