



CJSX-SILENT

400°/2H BELT-DRIVEN EXTRACTION UNITS
SOUNDPROOFED

DOUBLE-WALL OF SOUNDPROOFING 40 MM THICK



CJSX-SILENT



400°C/2h single-inlet belt-driven extraction units, in pre-lacquered sheet metal, double-wall of soundproofing 40 mm thick.

400°C/2h extraction units with motor outside the airflow path to work outside fire danger zones.

Fan:

- Structure in aluminium profiles
- Double-wall of soundproofing 40 mm thick and perforated sheet metal
- Impeller with forward-facing blades made from galvanised sheet steel
- Approval according to Standard EN 12101-3:2002/AC:2006, with certification No: 0370-CPR-0503

Motor:

- IE2 efficiency motors for capacities equal to or over 0.75kW and below 7.5kW, except single-phase, 2 speed and 8 pole motors.
- Class F motors, with ball bearings, IP55 protection.
- Three-phase 230/400V -50Hz (up to 5.5HP) and 400/690V -50Hz (power over 5.5HP)

Max. air temperature to transport:

- S1 Service -20°C+ 120°C for ongoing use,
- S2 Service 200°C/2h, 300°C/2h and 400°C/2h

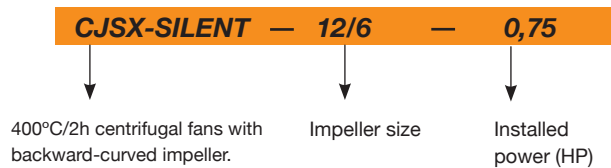
Finish:

- Anticorrosive pre-lacquered sheet steel

On request:

- Fans with two-speed motor.
- Fans with vertical outlet

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		230V	400V (A)	690V				
CJSX-SILENT-12/6-0.75	1000	2.28	1.31		0.55	2600	63	82
CJSX-SILENT-12/6-1	1100	3.10	1.79		0.75	3100	65	83
CJSX-SILENT-12/6-1.5	1250	4.03	2.32		1.10	3500	68	86
CJSX-SILENT-12/6-2	1300	5.96	3.44		1.50	4250	71	89
CJSX-SILENT-12/6-3	1500	8.36	4.83		2.20	4800	73	94
CJSX-SILENT-15/7-1	800	3.10	1.79		0.75	4000	60	103
CJSX-SILENT-15/7-1.5	850	4.03	2.32		1.10	4800	62	106
CJSX-SILENT-15/7-2	920	5.96	3.44		1.50	5400	65	109
CJSX-SILENT-15/7-3	1000	8.36	4.83		2.20	6400	68	114
CJSX-SILENT-15/7-4	1050	10.96	6.33		3.00	7400	70	117
CJSX-SILENT-18/9-1.5	750	4.03	2.32		1.10	5800	62	126
CJSX-SILENT-18/9-2	790	5.96	3.44		1.50	6600	64	129
CJSX-SILENT-18/9-3	800	8.36	4.83		2.20	8200	68	134
CJSX-SILENT-18/9-4	850	10.96	6.33		3.00	9000	70	137
CJSX-SILENT-18/9-5.5	920	14.10	8.12		4.00	10500	72	140
CJSX-SILENT-20/10-2	650	5.96	3.44		1.50	8100	58	226
CJSX-SILENT-20/10-3	690	8.36	4.83		2.20	10100	61	231
CJSX-SILENT-20/10-4	750	10.96	6.33		3.00	11500	63	234
CJSX-SILENT-20/10-5.5	790	14.10	8.12		4.00	13100	66	237
CJSX-SILENT-20/10-7.5	850		11.60	6.72	5.50	15000	68	250



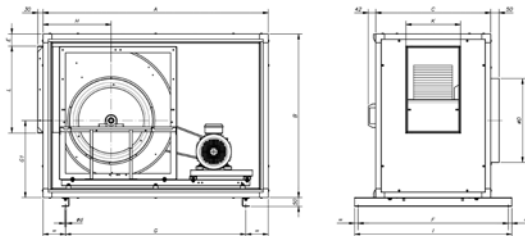
Erp. BEP (best efficiency point) characteristics

MC	Measurement category	η_e[%]	Efficiency
EC	Efficiency category	N	Efficiency grade
	S Static	[kW]	Input power
	T Total	[m³/h]	Airflow
VSD	Variable-speed drive	[mmH₂O]	Static or total pressure (According to EC)
SR	Specific ratio	[RPM]	Speed

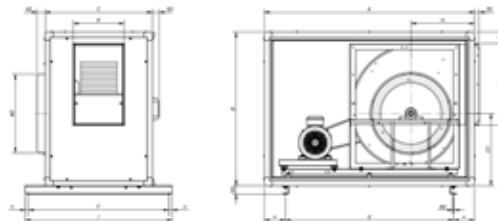
Model	MC	EC	VSD	SR	η_e [%]	N	(kW)	(m ³ /h)	(mm H ₂ O)	(RPM)
CJSX-SILENT-12/6-0.75	C	S	NO	1.00	36.0%	44.7	0.423	1532	36.46	1000
CJSX-SILENT-12/6-1	C	S	NO	1.00	40.4%	48.6	0.502	1685	44.12	1100
CJSX-SILENT-12/6-1.5	C	S	NO	1.01	41.6%	48.9	0.715	1915	56.97	1250
CJSX-SILENT-12/6-2	C	S	NO	1.01	42.0%	49.0	0.796	1992	61.62	1300
CJSX-SILENT-12/6-3	C	S	NO	1.01	42.8%	48.6	1.201	2298	82.04	1500
CJSX-SILENT-15/7-1	C	S	NO	1.00	45.9%	54.7	0.403	2011	33.76	800
CJSX-SILENT-15/7-1.5	C	S	NO	1.00	47.3%	55.7	0.469	2137	38.11	850
CJSX-SILENT-15/7-2	C	S	NO	1.00	47.8%	55.5	0.589	2313	44.64	920
CJSX-SILENT-15/7-3	C	S	NO	1.01	48.6%	55.8	0.743	2514	52.74	1000
CJSX-SILENT-15/7-4	C	S	NO	1.01	49.3%	56.1	0.848	2639	58.15	1050
CJSX-SILENT-18/9-1.5	C	S	NO	1.00	56.0%	63.6	0.622	2983	42.82	750
CJSX-SILENT-18/9-2	C	S	NO	1.00	56.5%	63.8	0.720	3143	47.51	790
CJSX-SILENT-18/9-3	C	S	NO	1.00	57.6%	64.7	0.734	3182	48.72	800
CJSX-SILENT-18/9-4	C	S	NO	1.01	58.4%	65.1	0.868	3381	55.00	850
CJSX-SILENT-18/9-5.5	C	S	NO	1.01	59.4%	65.5	1.082	3660	64.44	920
CJSX-SILENT-20/10-2	C	S	NO	1.00	58.5%	66.0	0.647	3584	38.75	650
CJSX-SILENT-20/10-3	C	S	NO	1.00	59.5%	66.6	0.761	3804	43.67	690
CJSX-SILENT-20/10-4	C	S	NO	1.01	60.4%	66.8	0.963	4135	51.59	750
CJSX-SILENT-20/10-5.5	C	S	NO	1.01	61.4%	67.5	1.106	4356	57.24	790
CJSX-SILENT-20/10-7.5	C	S	NO	1.01	62.2%	67.7	1.360	4686	66.27	850

Dimensions in mm

Standard supply horizontal outlet (H) RD-90

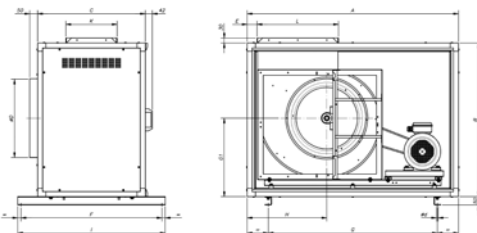


On request horizontal outlet (H) LG-90

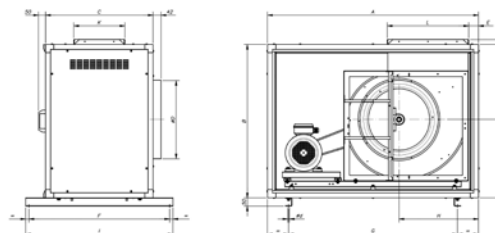


	A	B	C	ØD	Ød	E	F	G	G1	H	I	K	L
CJSX-SILENT-12/6-H	940	710	560	325	13	78	760	710	336	296	800	218	351
CJSX-SILENT-15/7-H	1080	800	620	400	13	67	820	870	381	330	860	276	413
CJSX-SILENT-18/9-H	1275	925	650	475	13	69	850	1020	435	386	890	308	492
CJSX-SILENT-20/10-H	1515	1160	775	575	13	111	975	1260	522	379	1015	338	612

On request vertical outlet (V) RD-0



On request vertical outlet (V) LG-0



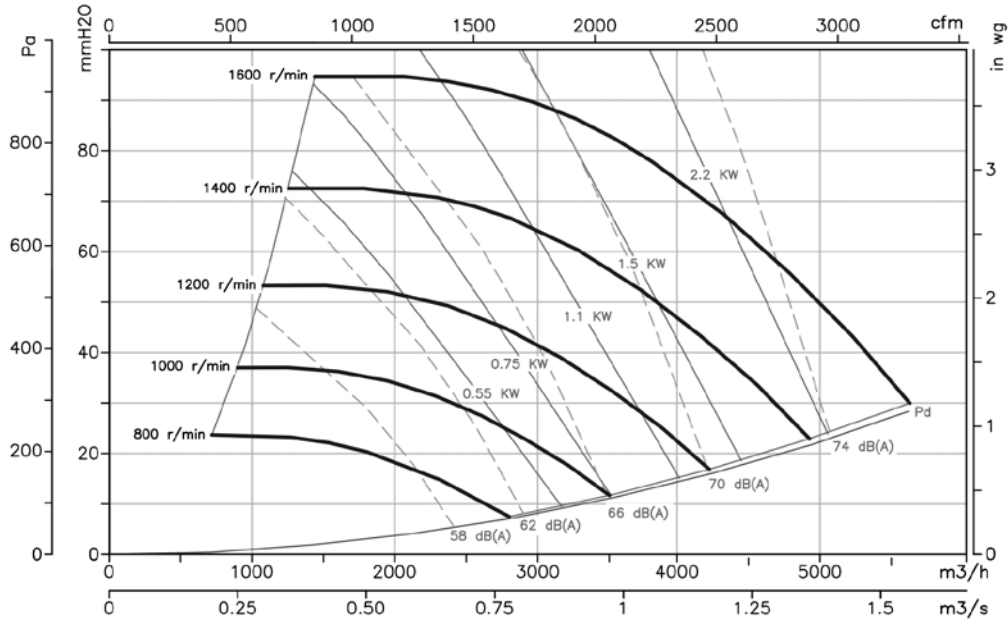
	A	B	C	ØD	Ød	E	F	G	G1	H	I	K	L
CJSX-SILENT-12/6-V	940	710	560	325	13	67	760	710	369	363	800	218	351
CJSX-SILENT-15/7-V	1080	800	620	400	13	62	820	870	419	415	860	276	413
CJSX-SILENT-18/9-V	1275	925	650	475	13	62	850	1020	472	431	890	308	492
CJSX-SILENT-20/10-V	1515	1160	775	575	13	101	975	1260	590	576	1015	338	612

Characteristic Curves

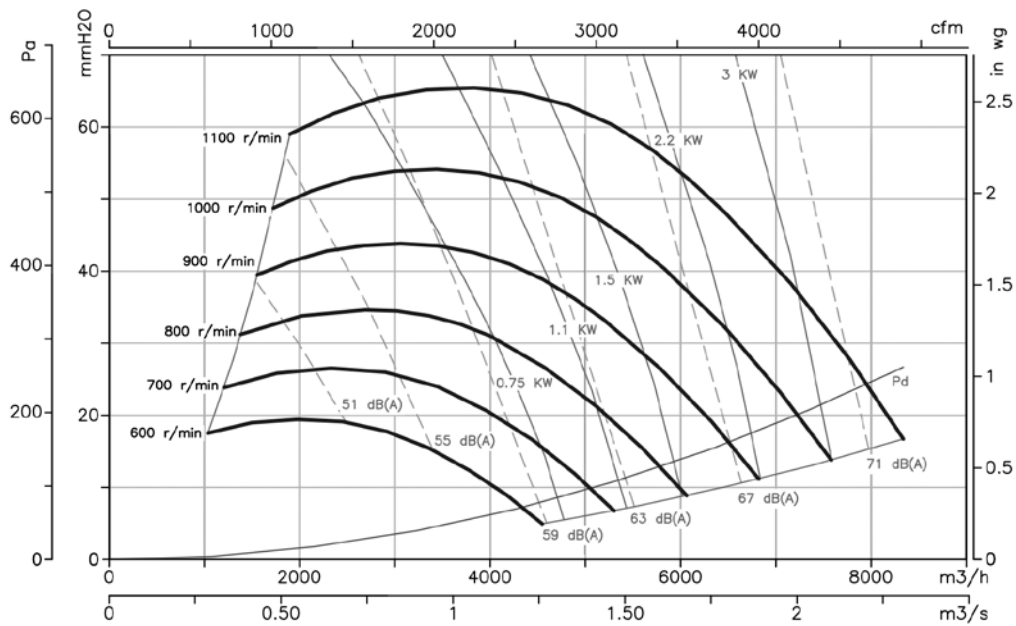
Q = Airflow in m³/h, m³/s and cfm.

Pe= Static pressure in mm H₂O, Pa and inwg.

CJSX- SILENT 12/6



CJSX- SILENT 15/7

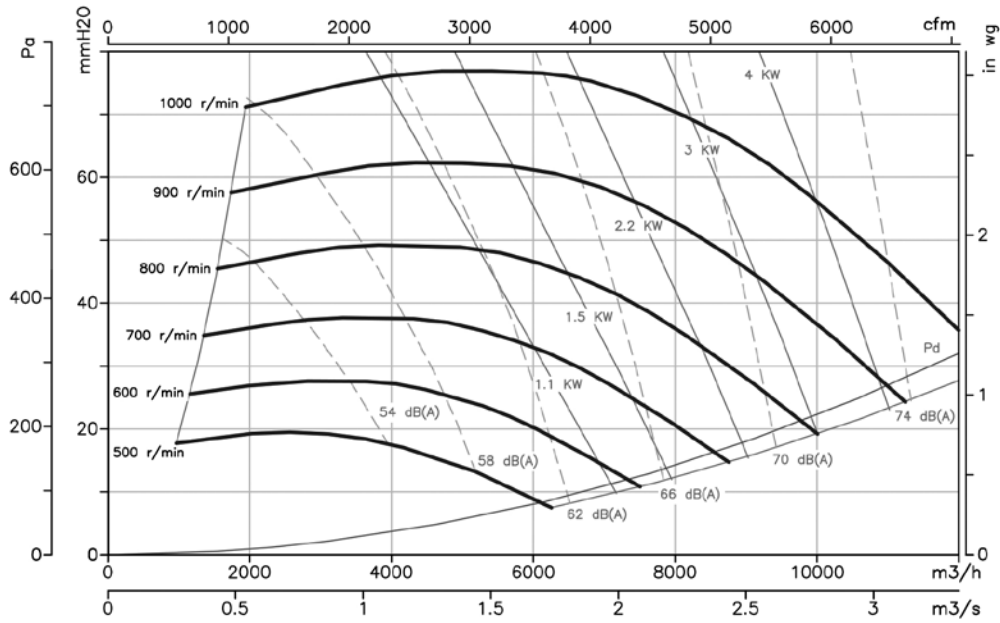


Characteristic Curves

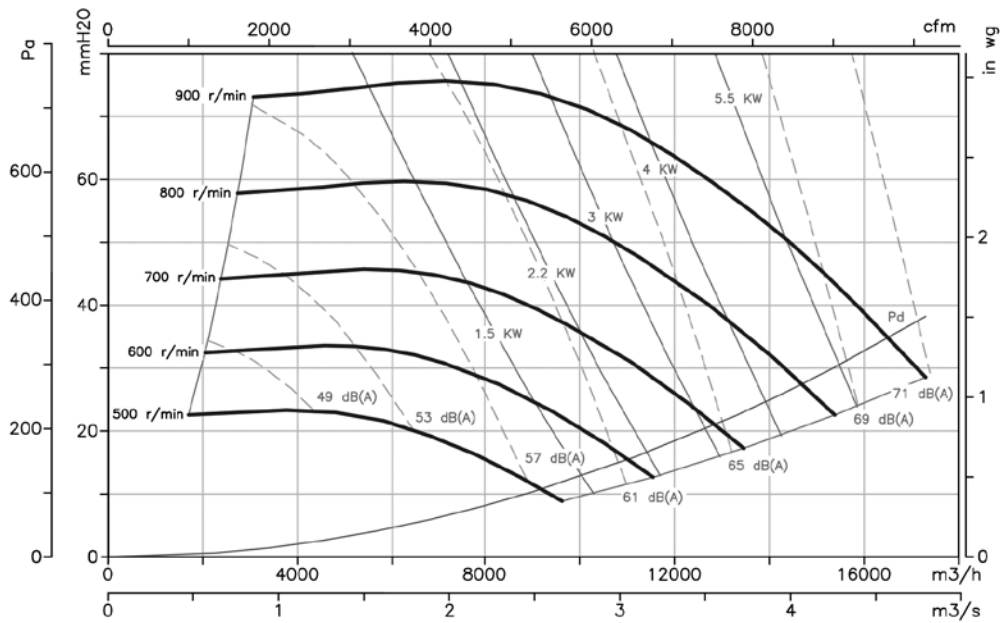
Q = Airflow in m³/h, m³/s and cfm.

Pe= Static pressure in mm H₂O, Pa and inwg.

CJSX- SILENT 18/9



CJSX- SILENT 20/10



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