CJTX-C

400 ºC/2h belt driven double inlet extractor fan units

400 ºC/2h extractor fan units, with motor and transmission mounted inside the box, to operate outside the fire risk zone.

Fan:
- Galvanised sheet steel structure.
- Forward curved impeller in galvanised sheet steel.
- Approved in accordance with standard EN 12101-3, with certificate no.: 0370-CPR-0468.
- Linear airflow direction.

Motor:
- Class F motors with ball bearings, IP55 protection and with 1 or 2 speeds, depending on model.
- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Maximum temperature of air to be carried: S1 continuous operation -25 ºC +120 ºC. S2 operation, 300 ºC/2h and 400 ºC/2h.

Finish:
- Galvanised steel sheet.

On request:
- Fans with vertical outlet.
- ATEX certification.

Order code

CJTX-C	—	15/15	—	10	—	2V	—	F400
CJTX-C: 400 ºC/2h belt driven double inlet extractor fan units		Impeller size		Motor power (HP)		2V reference: 2-speed fan		F400: 400 ºC/2h approved For S2 operation: 300 ºC/2h and 400 ºC/2h

Technical characteristics

Model	Speed	Maximum admissible current (A)			Installed power	Maximum flow rate	Sound pressure level[1] dB (A)	Approx. weight
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	Irradiated	(Kg)
CJTX-C-7/7-0.75	1400	2.17	1.25		0.55	2450	56	58
CJTX-C-7/7-0.75-2V	1400 / 695		1.70 / 0.80		0.55 / 0.19	2450 / 1220	56 / 41	58
CJTX-C-7/7-1 IE3	1600	2.82	1.62		0.75	2800	59	63
CJTX-C-7/7-1-2V	1600 / 795		2.00 / 0.90		0.75 / 0.20	2800 / 1390	59 / 44	61
CJTX-C-9/9-0.33-2V	850 / 425		0.70 / 0.30		0.25 / 0.10	2900 / 1450	51 / 36	65
CJTX-C-9/9-0.5	960	2.02	1.17		0.37	3300	54	66
CJTX-C-9/9-0.5-2V	960 / 470		1.05 / 0.50		0.37 / 0.11	3300 / 1600	54 / 38	67
CJTX-C-9/9-0.75	1060	2.17	1.25		0.55	3800	57	69
CJTX-C-9/9-1 IE3	1200	2.82	1.62		0.75	4250	59	74
CJTX-C-9/9-1.5 IE3	1340	4.07	2.34		1.10	4800	62	84
CJTX-C-9/9-2 IE3	1500	5.41	3.11		1.50	5350	64	92
CJTX-C-10/10-0.33	660	1.66	0.96		0.25	3000	47	77
CJTX-C-10/10-0.33-2V	660 / 330		0.70 / 0.30		0.25 / 0.10	3000 / 1500	47 / 32	77
CJTX-C-10/10-0.5	800	2.02	1.17		0.37	3400	51	77
CJTX-C-10/10-0.5-2V	800 / 390		1.05 / 0.50		0.37 / 0.11	3400 / 1650	51 / 35	79
CJTX-C-10/10-0.75	880	2.17	1.25		0.55	4000	53	81

Technical characteristics

Model	Speed	Maximum admissible current (A)			Installed power	Maximum flow rate	Sound pressure level[1] dB (A)	Approx. weight
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	Irradiated	(Kg)
CJTX-C-10/10-0.75-2V	880 / 440		1.70 / 0.80		0.55 / 0.19	4000 / 1990	53 / 38	81
CJTX-C-10/10-1 IE3	1000	2.82	1.62		0.75	4350	56	86
CJTX-C-10/10-1-2V	1000 / 500		2.00 / 0.90		0.75 / 0.20	4350 / 2160	56 / 41	84
CJTX-C-10/10-1.5 IE3	1130	4.07	2.34		1.10	5000	59	96
CJTX-C-10/10-2 IE3	1270	5.41	3.11		1.50	5450	61	102
CJTX-C-10/10-3 IE3	1450	7.93	4.56		2.20	6200	64	90
CJTX-C-12/12-0.5	600	2.02	1.17		0.37	4300	48	96
CJTX-C-12/12-0.5-2V	600 / 295		1.05 / 0.50		0.37 / 0.11	4300 / 2090	48 / 32	98
CJTX-C-12/12-0.75	700	2.17	1.25		0.55	4850	51	99
CJTX-C-12/12-0.75-2V	700 / 350		1.70 / 0.80		0.55 / 0.19	4850 / 2410	51 / 35	100
CJTX-C-12/12-1 IE3	800	2.82	1.62		0.75	5250	53	105
CJTX-C-12/12-1-2V	800 / 400		2.00 / 0.90		0.75 / 0.20	5250 / 2610	53 / 38	103
CJTX-C-12/12-1.5 IE3	880	4.07	2.34		1.10	6150	56	115
CJTX-C-12/12-1.5-2V	880 / 435		2.90 / 1.30		1.10 / 0.25	6150 / 3030	56 / 40	104
CJTX-C-12/12-2 IE3	1020	5.41	3.11		1.50	6600	58	121
CJTX-C-12/12-3 IE3	1140	7.93	4.56		2.20	7600	61	108
CJTX-C-12/12-4 IE3	1250	10.70	6.15		3.00	8550	63	120
CJTX-C-15/15-0.75	530	2.17	1.25		0.55	6000	51	126
CJTX-C-15/15-0.75-2V	530 / 260		1.70 / 0.80		0.55 / 0.19	6000 / 2980	51 / 36	126
CJTX-C-15/15-1 IE3	560	2.82	1.62		0.75	7000	54	131
CJTX-C-15/15-1.5 IE3	630	4.07	2.34		1.10	8050	57	142
CJTX-C-15/15-2 IE3	700	5.41	3.11		1.50	8900	59	149
CJTX-C-15/15-3 IE3	800	7.93	4.56		2.20	10100	62	136
CJTX-C-15/15-4 IE3	880	10.70	6.15		3.00	11350	64	149
CJTX-C-15/15-5.5 IE3	970	13.90	8.00		4.00	12600	66	147
CJTX-C-18/18-1 IE3	460	2.82	1.62		0.75	10100	54	164
CJTX-C-18/18-1-2V	460 / 230		2.00 / 0.90		0.75 / 0.20	10100 / 5010	54 / 39	163
CJTX-C-18/18-1.5 IE3	510	4.07	2.34		1.10	11800	57	175
CJTX-C-18/18-1.5-2V	510 / 250		2.90 / 1.30		1.10 / 0.25	11800 / 5820	57 / 42	165
CJTX-C-18/18-2 IE3	540	5.41	3.11		1.50	13800	59	183
CJTX-C-18/18-2-2V	540 / 265		3.50 / 1.50		1.50 / 0.37	13800 / 6800	59 / 44	167
CJTX-C-18/18-3 IE3	610	7.93	4.56		2.20	15850	62	171
CJTX-C-18/18-3-2V	610 / 300		4.84 / 2.00		2.20 / 0.55	15850 / 7760	62 / 47	173
CJTX-C-18/18-4 IE3	680	10.70	6.15		3.00	17600	64	182
CJTX-C-18/18-4-2V	680 / 340		6.50 / 2.30		3.00 / 0.60	17600 / 8740	64 / 49	180
CJTX-C-18/18-5.5 IE3	750	13.90	8.00		4.00	19450	67	180
CJTX-C-18/18-5.5-2V	750 / 375		8.20 / 2.90		4.00 / 0.80	19450 / 9660	67 / 51	184
CJTX-C-18/18-7.5 IE3	850		10.30	5.97	5.50	21350	69	211
CJTX-C-18/18-7.5-2V	850 / 425		11.80 / 3.80		5.50 / 1.10	21350 / 10600	69 / 54	204
CJTX-C-18/18-10 IE3	930		13.90	8.06	7.50	24000	71	218
CJTX-C-20/20-2 IE3	450	5.41	3.11		1.50	14000	58	284
CJTX-C-20/20-3 IE3	530	7.93	4.56		2.20	15800	61	271
CJTX-C-20/20-4 IE3	580	10.70	6.15		3.00	17950	64	282
CJTX-C-20/20-5.5 IE3	660	13.90	8.00		4.00	19050	66	281
CJTX-C-20/20-7.5 IE3	740		10.30	5.97	5.50	21150	68	312
CJTX-C-20/20-10 IE3	815		13.90	8.06	7.50	23650	70	320
CJTX-C-22/22-2 IE3	380	5.41	3.11		1.50	16000	56	326
CJTX-C-22/22-2-2V	380 / 185		3.50 / 1.50		1.50 / 0.37	16000 / 7890	56 / 41	310
CJTX-C-22/22-3 IE3	430	7.93	4.56		2.20	18400	59	313
CJTX-C-22/22-3-2V	430 / 210		4.84 / 2.00		2.20 / 0.55	18400 / 9010	59 / 44	316
CJTX-C-22/22-4 IE3	480	10.70	6.15		3.00	20350	61	325
CJTX-C-22/22-5.5 IE3	520	13.90	8.00		4.00	23250	64	325
CJTX-C-22/22-7.5 IE3	580		10.30	5.97	5.50	25950	66	356
CJTX-C-22/22-10 IE3	650		13.90	8.06	7.50	28250	68	362

Technical characteristics

Model	Speed	Maximum admissible current (A)			Installed power	Maximum flow rate	Sound pressure level[1] dB (A)	Approx. weight
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	Irradiated	(Kg)
CJTX-C-22/22-15 IE3	740		20.90	12.10	11.00	31950	71	383
CJTX-C-22/22-20 IE3	780		27.90	16.20	15.00	34000	72	441
CJTX-C-25/25-3 IE3	340	7.93	4.56		2.20	21550	57	370
CJTX-C-25/25-3-2V	340 / 170		4.84 / 2.00		2.20 / 0.55	21550 / 10550	57 / 41	372
CJTX-C-25/25-4 IE3	380	10.70	6.15		3.00	23850	59	381
CJTX-C-25/25-4-2V	380 / 190		6.50 / 2.30		3.00 / 0.60	23850 / 11840	59 / 44	379
CJTX-C-25/25-5.5 IE3	420	13.90	8.00		4.00	26300	61	379
CJTX-C-25/25-5.5-2V	420 / 210		8.20 / 2.90		4.00 / 0.80	26300 / 13060	61 / 46	383
CJTX-C-25/25-7.5 IE3	470		10.30	5.97	5.50	29250	64	416
CJTX-C-25/25-7.5-2V	470 / 235		11.80 / 3.80		5.50 / 1.10	29250 / 14520	64 / 48	409
CJTX-C-25/25-10 IE3	510		13.90	8.06	7.50	33150	66	417
CJTX-C-25/25-10-2V	510 / 255		15.30 / 5.40		7.50 / 1.50	33150 / 16460	66 / 51	412
CJTX-C-25/25-15 IE3	570		20.90	12.10	11.00	38300	69	444
CJTX-C-25/25-15-2V	570 / 285		21.70 / 7.00		11.00 / 3.00	38300 / 19080	69 / 54	450
CJTX-C-25/25-20 IE3	630		27.90	16.20	15.00	38750	70	499
CJTX-C-30/28-3 IE3	250	7.93	4.56		2.20	25550	56	503
CJTX-C-30/28-3-2V	250 / 125		4.84 / 2.00		2.20 / 0.55	25550 / 12510	56 / 41	507
CJTX-C-30/28-4 IE3	280	10.70	6.15		3.00	28250	58	521
CJTX-C-30/28-4-2V	280 / 140		6.50 / 2.30		3.00 / 0.60	28250 / 14030	58 / 43	519
CJTX-C-30/28-5.5 IE3	340	13.90	8.00		4.00	28750	60	519
CJTX-C-30/28-5.5-2V	340 / 170		8.20 / 2.90		4.00 / 0.80	28750 / 14270	60 / 45	523
CJTX-C-30/28-7.5 IE3	360		10.30	5.97	5.50	33600	63	553
CJTX-C-30/28-7.5-2V	360 / 180		11.80 / 3.80		5.50 / 1.10	33600 / 16680	63 / 48	546
CJTX-C-30/28-10 IE3	410		13.90	8.06	7.50	36400	65	561
CJTX-C-30/28-10-2V	410 / 205		15.30 / 5.40		7.50 / 1.50	36400 / 18080	65 / 50	556
CJTX-C-30/28-15 IE3	480		20.90	12.10	11.00	40250	68	582
CJTX-C-30/28-15-2V	480 / 240		21.70 / 7.00		11.00 / 3.00	40250 / 20060	68 / 53	588
CJTX-C-30/28-20 IE3	520		27.90	16.20	15.00	45600	70	644
CJTX-C-30/28-20-2V	520 / 260		31.72 / 11.75		15.00 / 3.80	45600 / 22640	70 / 55	616
CJTX-C-30/28-25 IE3	550		35.10	20.30	18.50	49500	72	641

The noise level values are pressures in dB(A) measured at a distance of 3 metres in a free field.

Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Accessories


INT


IAT


C2V


RPA


B


BD


BIC


ACE ACE/400


CABLE BOX


AET


CENTRAL CO

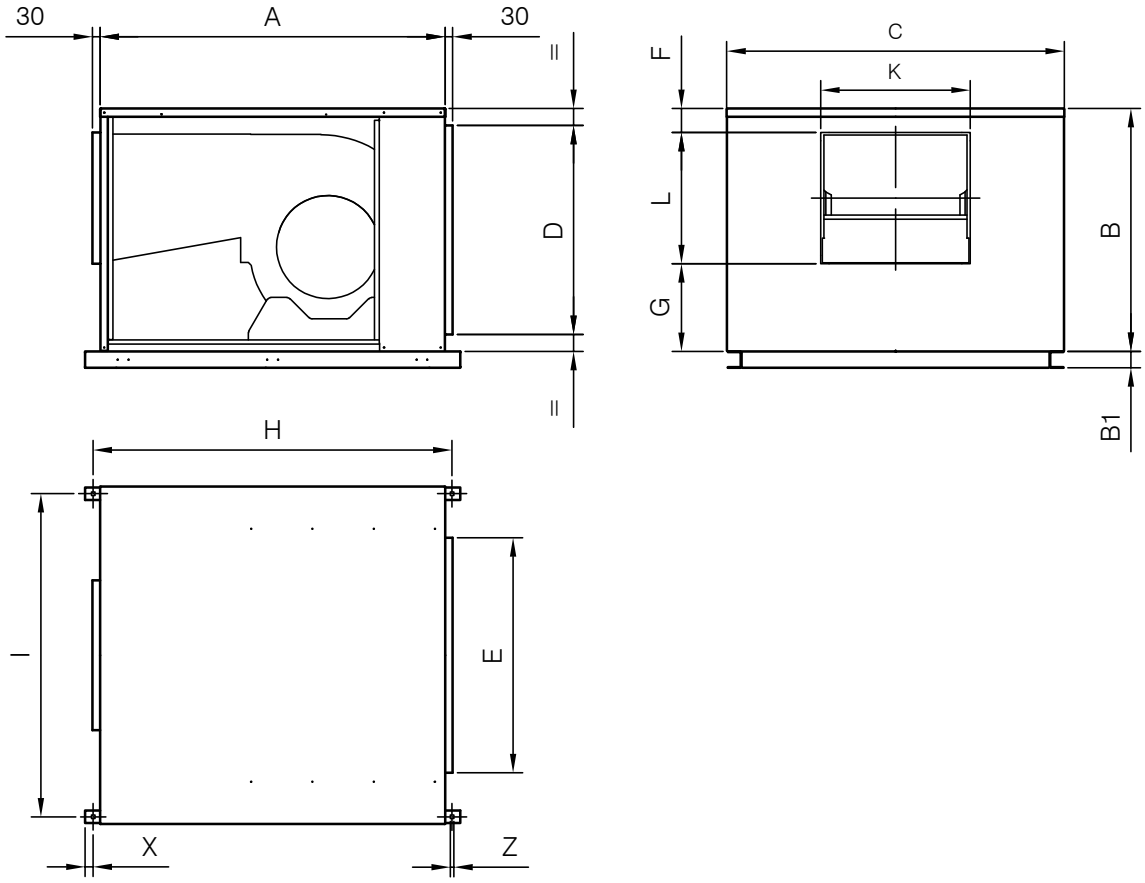

VSD3/A-RFT - VSD1/A-RFM


TEJ


VIS

Dimensions mm

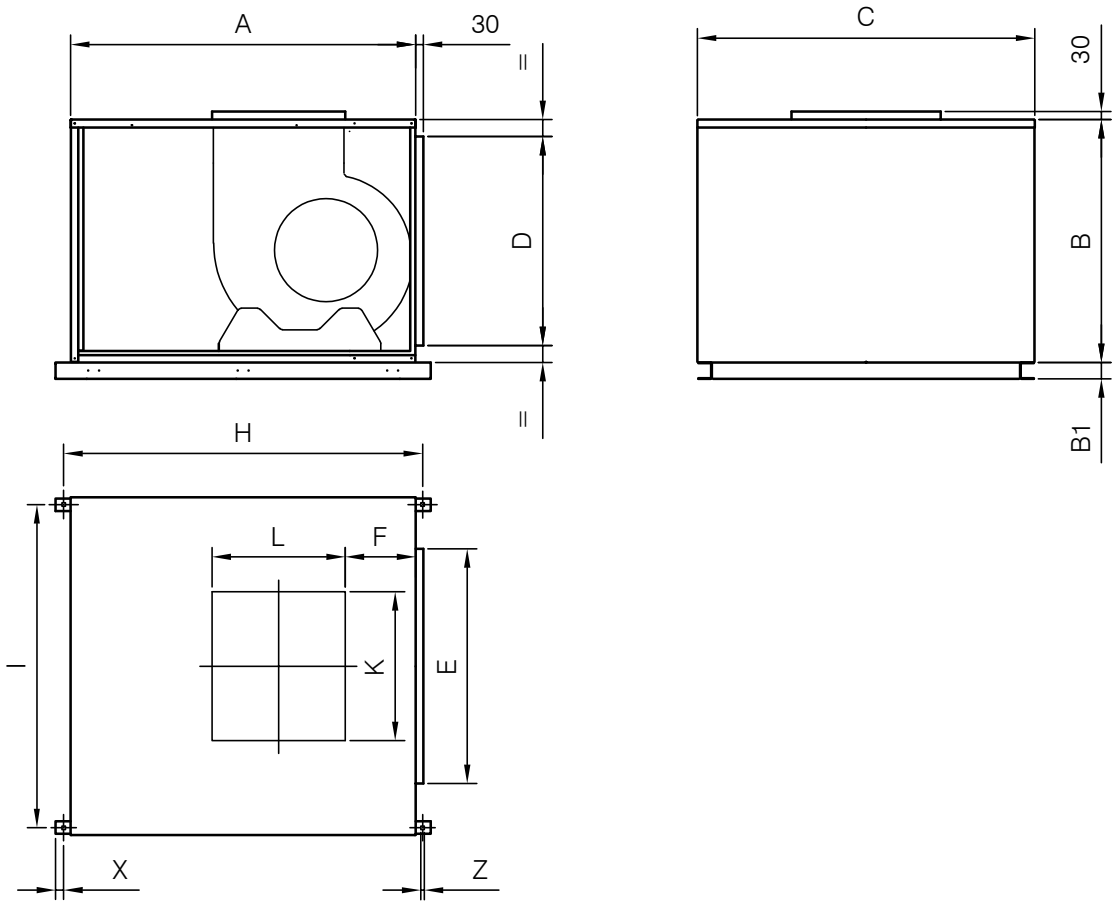
Standard supply horizontal impulsion
(H) LG 90



	A	B	B1	C	D	E	F	G	H	I	K	L	X	Z
CJTX-C-7/7	700	480	-	730	370	410	62	202	724	690	239	216	12	9
CJTX-C-9/9	785	592	-	759	426	454	92	226	812	721	310	270	12	9
CJTX-C-10/10	860	618	-	825	479	504	87	235	884	787	334	296	12	9
CJTX-C-12/12	970	680	-	945	554	604	80	250	995	896	395	350	12	9
CJTX-C-15/15	1100	776	-	1100	659	704	80	285	1124	1062	483	411	12	9
CJTX-C-18/18	1278	900	60	1250	779	904	90	325	1328	1197	552	486	30.25	13
CJTX-C-20/20	1495	1050	60	1474	779	904	100	336	1545	1419	618	615	32.5	13
CJTX-C-22/22	1640	1180	60	1625	1079	1004	125	350	1711	1570	665	705	22	13
CJTX-C-25/25	1800	1300	60	1825	1154	1154	125	369	1871	1770	780	806	22	13
CJTX-C-30/28	2000	1525	60	2134	1279	1354	118	465	2060	2085	900	942	20	13

Dimensions mm

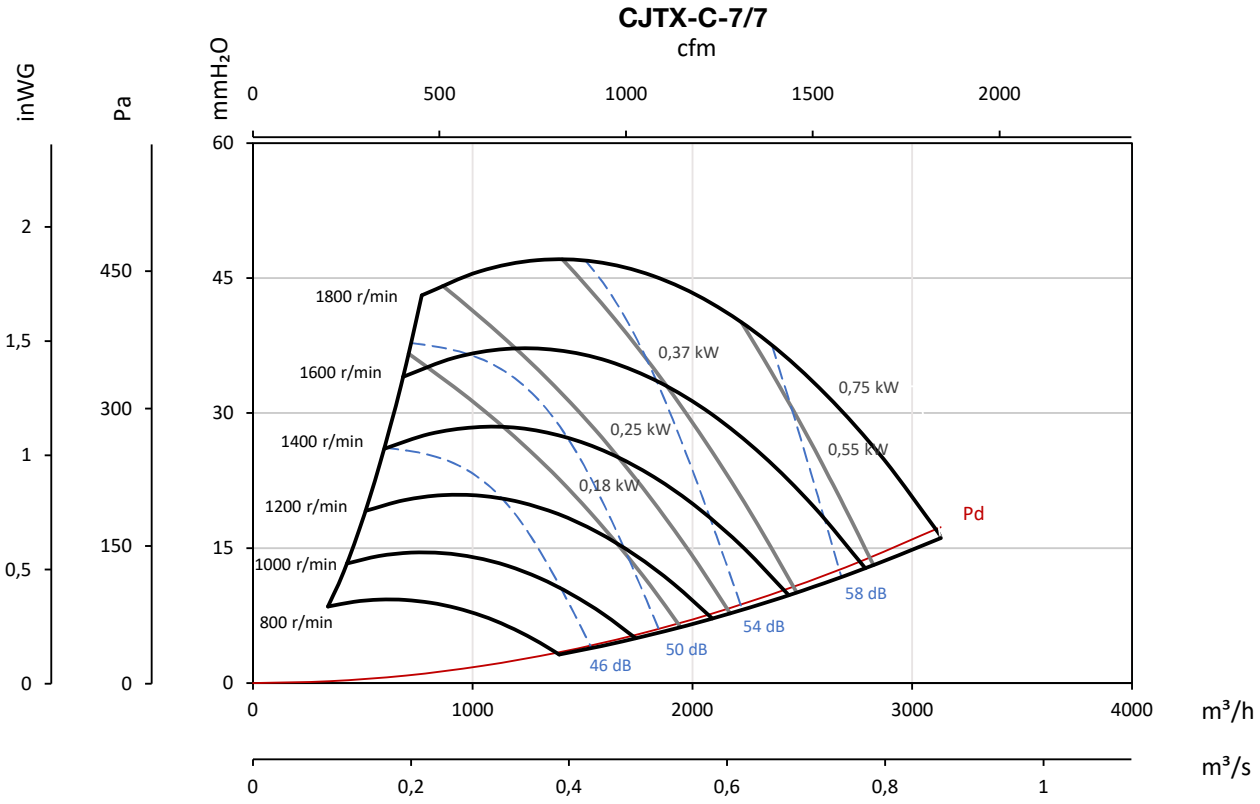
Vertical impulsion on request
(V) LG 0

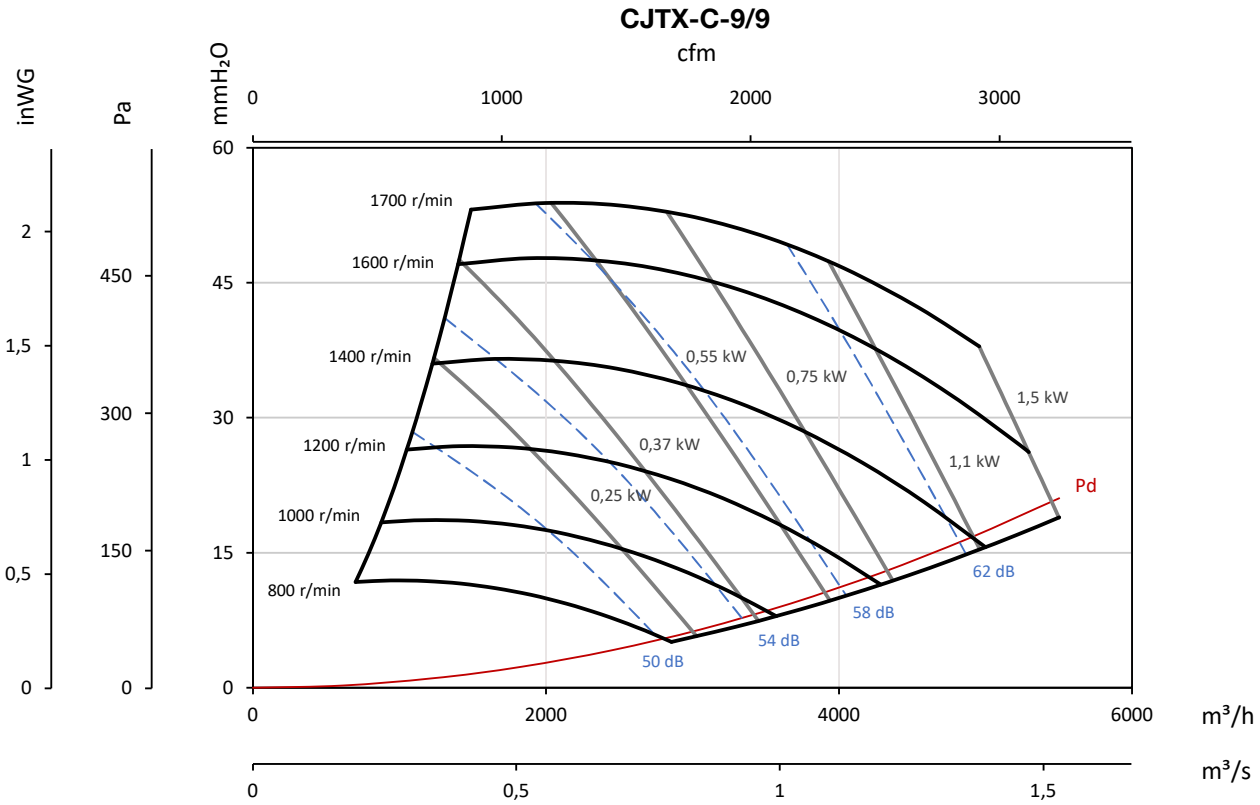


	A	B	B1	C	D	E	F	H	I	K	L	X	Z
CJTX-C-7/7	700	480	-	730	370	410	180	724	690	239	219	12	9
CJTX-C-9/9	785	592	-	759	426	454	170	812	721	305	272	12	9
CJTX-C-10/10	860	618	-	825	479	504	154	884	787	333	300	12	9
CJTX-C-12/12	970	680	-	945	554	604	202	995	896	397	355	12	9
CJTX-C-15/15	1100	776	-	1100	659	704	220	1124	1062	485	415	12	9
CJTX-C-18/18	1278	900	60	1250	779	904	259	1328	1197	550	495	30.25	13
CJTX-C-20/20	1495	1050	60	1474	779	904	312	1555	1419	617	611	32.5	13
CJTX-C-22/22	1640	1180	60	1625	1079	1004	307	1711	1570	666	705	22	13
CJTX-C-25/25	1800	1300	60	1825	1154	1154	344	1871	1770	775	808	22	13
CJTX-C-30/28	2000	1525	60	2134	1279	1354	417	2060	2085	900	947	20	13

Characteristic curves

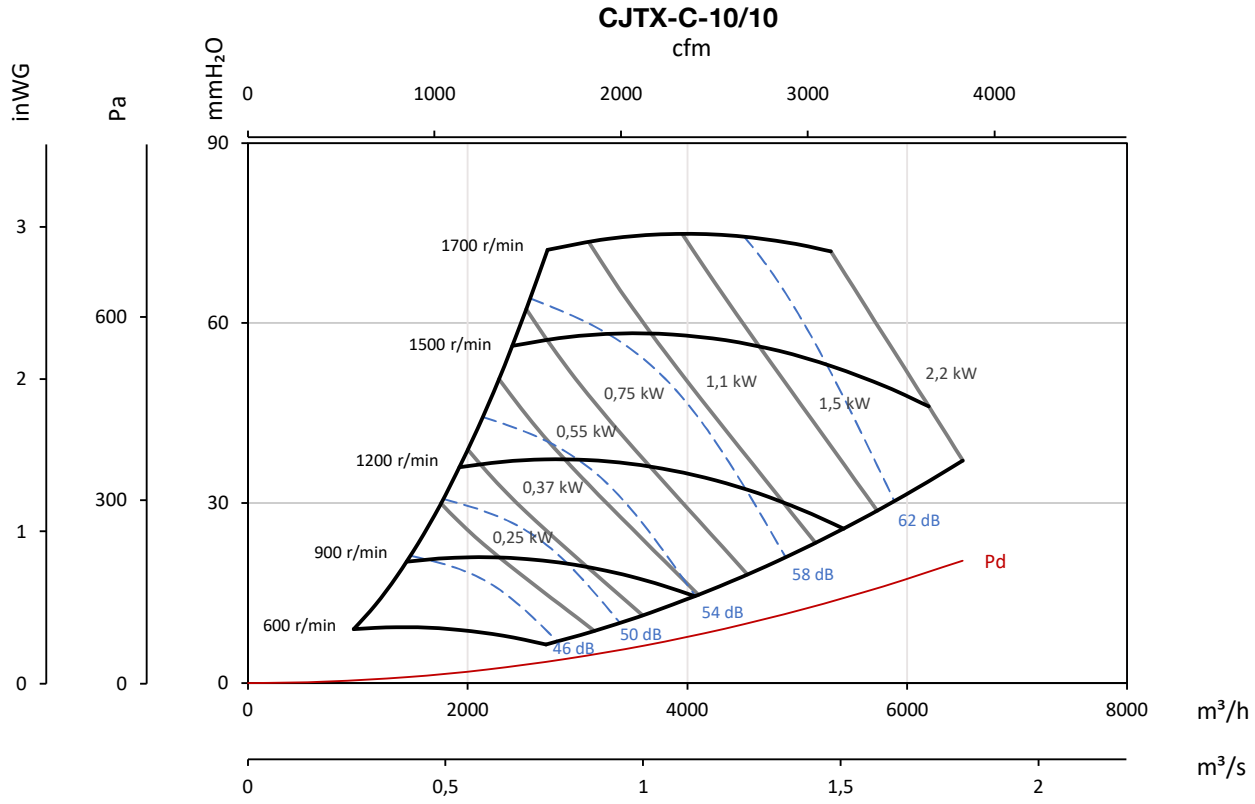
Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

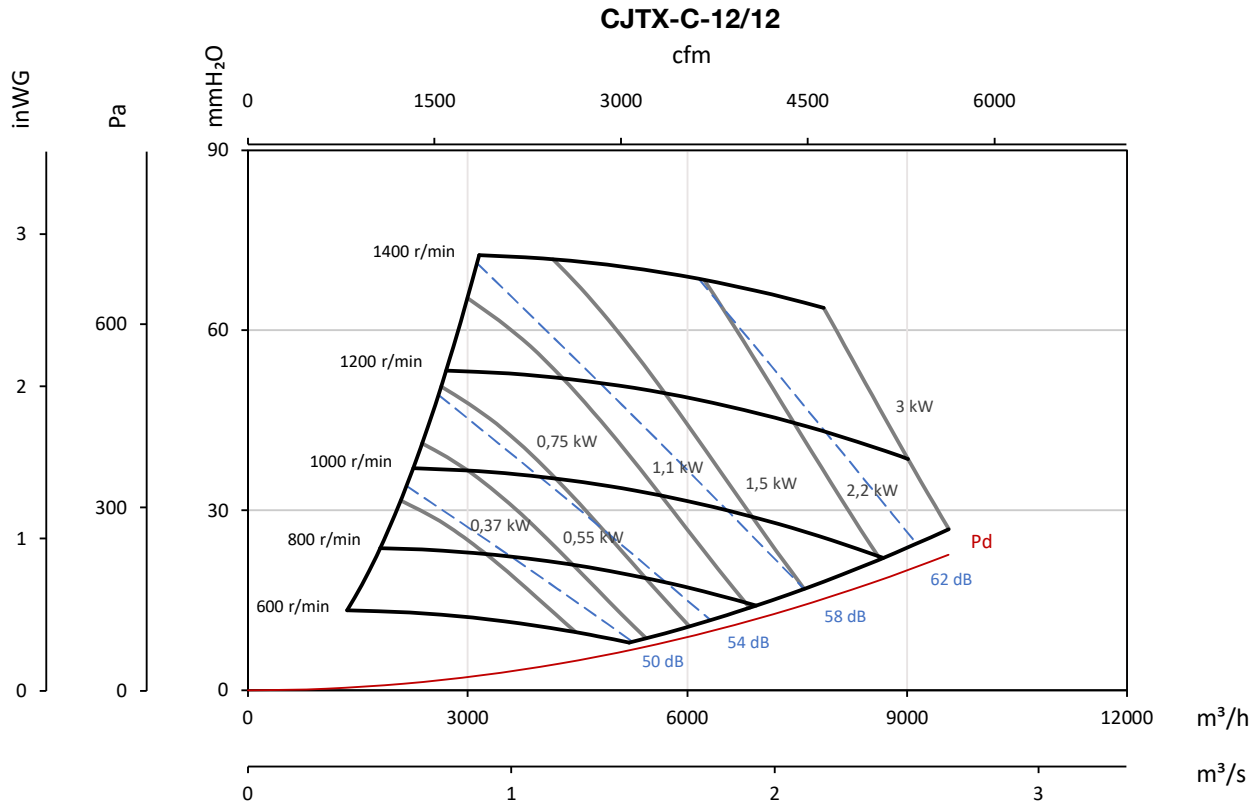




Characteristic curves

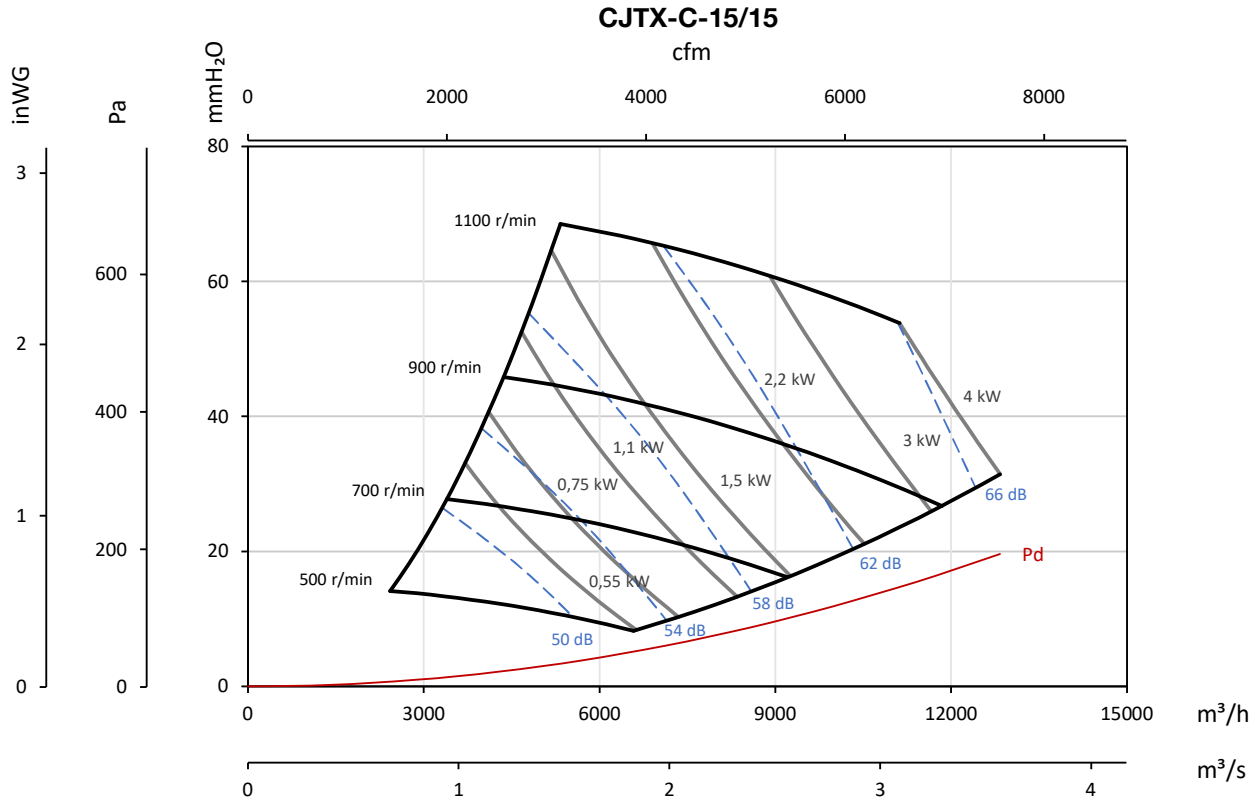
Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

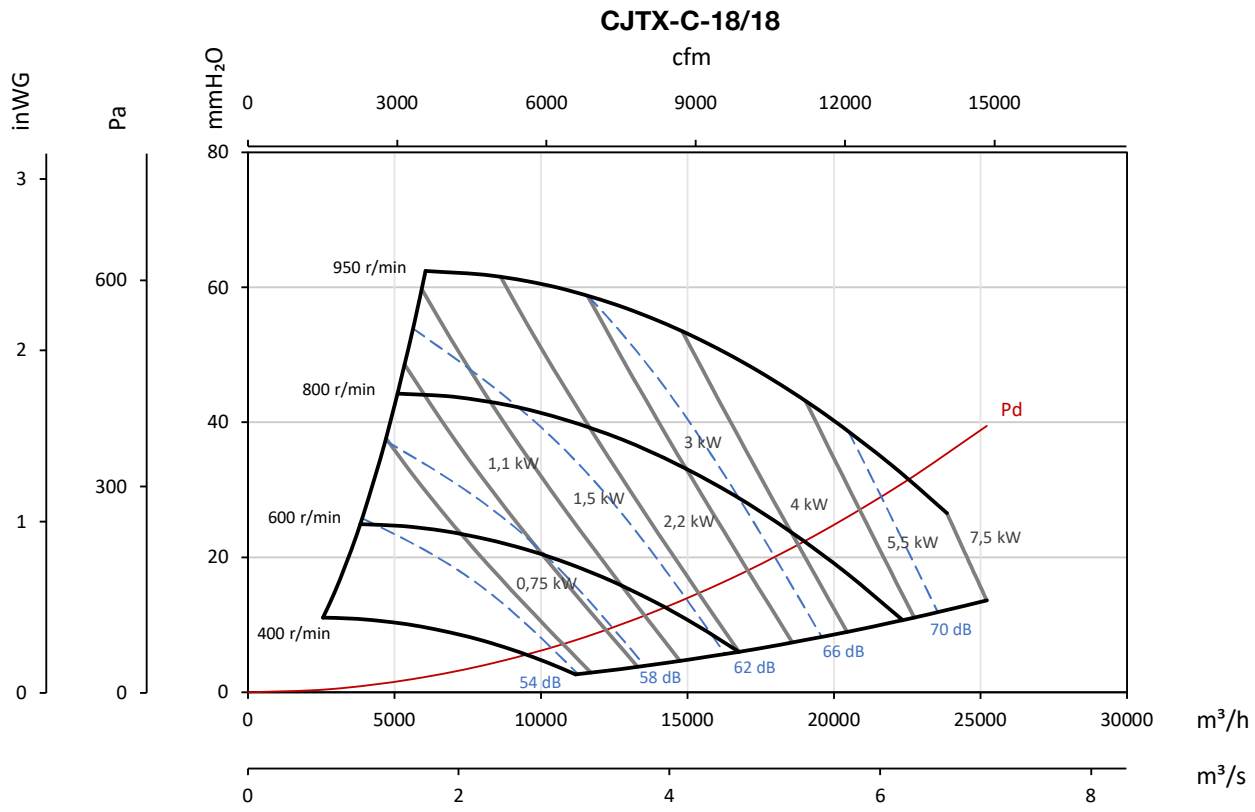




Characteristic curves

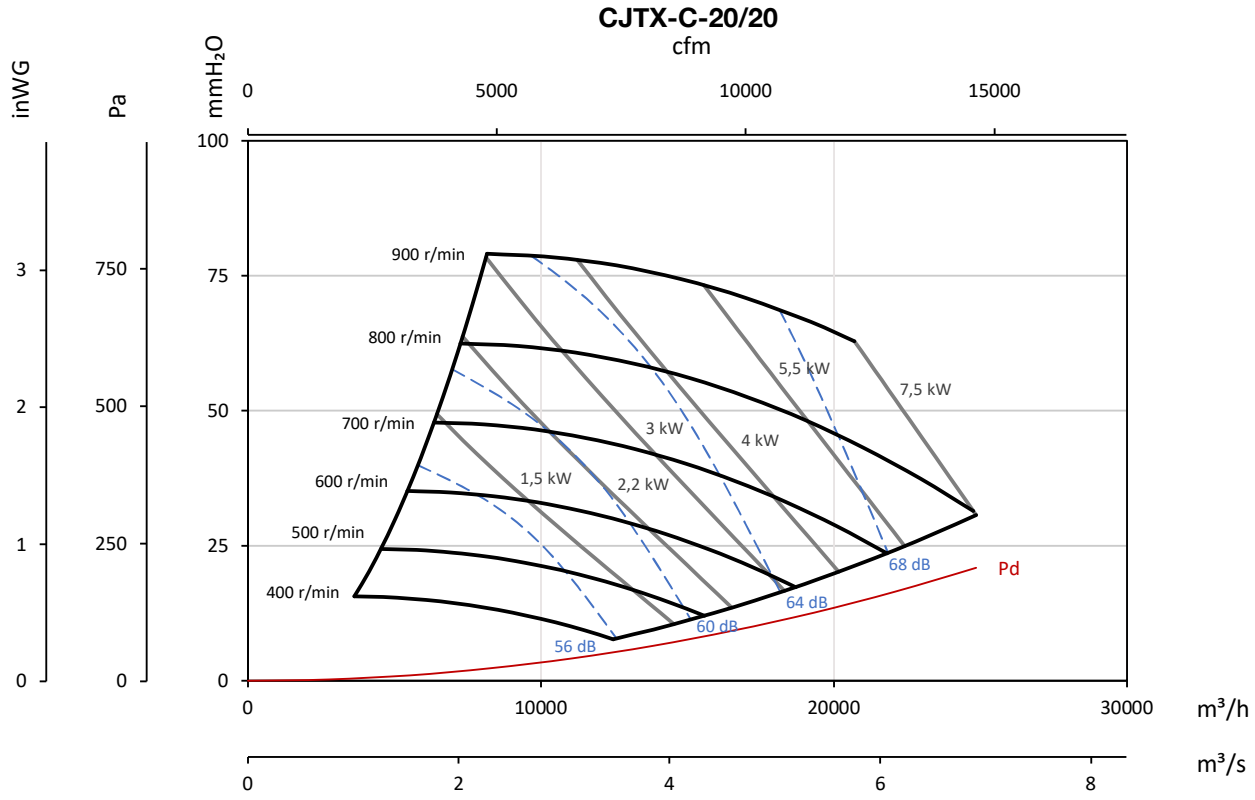
Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

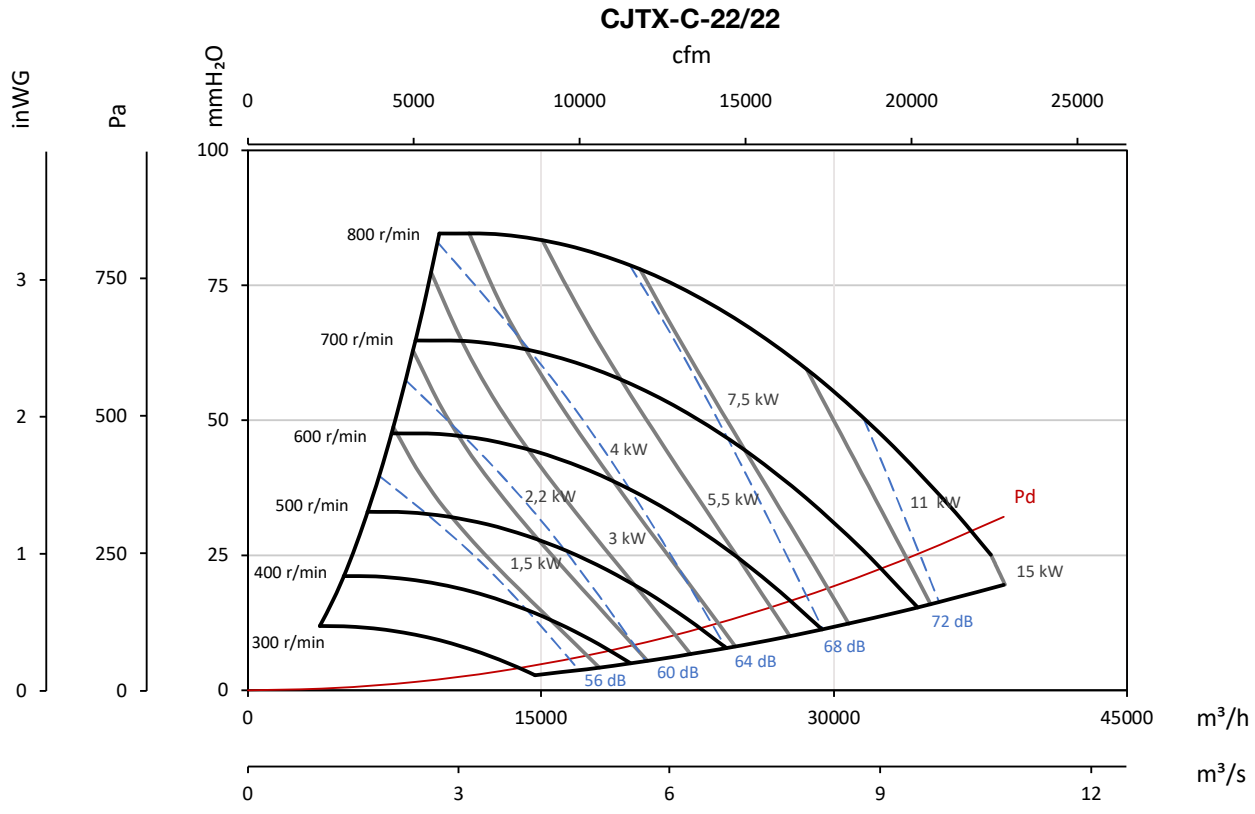




Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg





Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg