

CENTRIFUGAL FANS AND IN-LINE DUCT EXTRACTOR FANS

CJTX-C

400 °C/2h belt-driven double inlet extractor fan units.



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

Fan:

- Galvanised sheet steel structure.
- Forward-curved impeller made of galvanised sheet steel.
- Approved in accordance with standard EN 12101-3, with certificate number: 0370-CPR-0468.
- Linear airflow direction.

Motor:

- Class F motors with ball bearings, IP55 protection and with 1 or 2 speeds, depending on model.
- IE3 efficiency motors 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 -20 °C +120 °C, S2 operation 300 °C/2h, 400 °C/2h.

Finish:

- Anti-corrosive finish on galvanised sheet steel.

On request:

- Vertical outlet fans.

Order code

CJTX-C	15/15	0,75	(2V)	F-400
↓	↓	↓	↓	↓
CJTX-C: 400 °C/2h belt-driven double inlet extractor fan units.	Impeller size	Motor power (HP)	2V reference: 2-speed fan	F-400: 400 °C/2h approved
				For S2 operation: 300 °C/2h and 400 °C/2h

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate m3/h	Sound pressure level dB(A)	Approx. weight (kg)	According to ErP
		230 V	400 V	690 V					
CJTX-C-7/7-0.75	1400	2.92	1.69		0.55	2450	67	58	2018
CJTX-C-7/7-0.75-2V	1400 / 700		1.70 / 0.80		0.55 / 0.19	2450 / 1225	67 / 52	58	2018
CJTX-C-7/7-1 IE3	1600	2.82	1.62		0.75	2800	69	63	2018
CJTX-C-7/7-1-2V	1600 / 800		2.00 / 0.90		0.75 / 0.20	2800 / 1400	69 / 54	61	2018
CJTX-C-9/9-0.33-2V	850 / 425		0.70 / 0.30		0.25 / 0.10	2900 / 1450	58 / 43	65	2018
CJTX-C-9/9-0.5	960	2.02	1.17		0.37	3300	61	66	2018
CJTX-C-9/9-0.5-2V	960 / 480		1.05 / 0.50		0.37 / 0.11	3300 / 1650	61 / 46	67	2018
CJTX-C-9/9-0.75	1060	2.92	1.69		0.55	3800	65	69	2018
CJTX-C-9/9-1 IE3	1200	2.82	1.62		0.75	4250	67	74	2018
CJTX-C-9/9-1.5 IE3	1340	4.07	2.34		1.10	4800	70	84	2018
CJTX-C-9/9-2 IE3	1500	5.41	3.11		1.50	5350	72	92	2018
CJTX-C-10/10-0.33	660	1.66	0.96		0.25	3000	57	77	2018
CJTX-C-10/10-0.33-2V	660 / 330		0.70 / 0.30		0.25 / 0.10	3000 / 1500	57 / 42	77	2018
CJTX-C-10/10-0.5	800	2.02	1.17		0.37	3400	61	77	2018
CJTX-C-10/10-0.5-2V	800 / 400		1.05 / 0.50		0.37 / 0.11	3400 / 1700	61 / 46	79	2018
CJTX-C-10/10-0.75	880	2.92	1.69		0.55	4000	63	81	2018
CJTX-C-10/10-0.75-2V	880 / 440		1.70 / 0.80		0.55 / 0.19	4000 / 2000	63 / 48	81	2018
CJTX-C-10/10-1 IE3	1000	2.82	1.62		0.75	4350	65	86	2018
CJTX-C-10/10-1-2V	1000 / 500		2.00 / 0.90		0.75 / 0.20	4350 / 2175	65 / 50	84	2018
CJTX-C-10/10-1.5 IE3	1130	4.07	2.34		1.10	5000	68	96	2018
CJTX-C-10/10-2 IE3	1270	5.41	3.11		1.50	5450	71	102	2018
CJTX-C-10/10-3 IE3	1450	7.93	4.56		2.20	6200	74	90	2018
CJTX-C-12/12-0.5	600	2.02	1.17		0.37	4300	60	96	2018
CJTX-C-12/12-0.5-2V	600 / 300		1.05 / 0.50		0.37 / 0.11	4300 / 2150	60 / 45	98	2018
CJTX-C-12/12-0.75	700	2.92	1.69		0.55	4850	63	99	2018



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate m ³ /h	Sound pressure level dB(A)	Approx. weight (kg)	According to ErP
		230 V	400 V	690 V					
CJTX-C-12/12-0.75-2V	700 / 350		1.70 / 0.80		0.55 / 0.19	4850 / 2425	63 / 48	100	2018
CJTX-C-12/12-1 IE3	800	2.82	1.62		0.75	5250	65	105	2018
CJTX-C-12/12-1-2V	800 / 400		2.00 / 0.90		0.75 / 0.20	5250 / 2625	65 / 50	103	2018
CJTX-C-12/12-1.5 IE3	880	4.07	2.34		1.10	6150	68	115	2018
CJTX-C-12/12-1.5-2V	880 / 440		2.90 / 1.30		1.10 / 0.25	6150 / 3075	68 / 53	104	2018
CJTX-C-12/12-2 IE3	1020	5.41	3.11		1.50	6600	70	121	2018
CJTX-C-12/12-3 IE3	1140	7.93	4.56		2.20	7600	73	108	2018
CJTX-C-12/12-4 IE3	1250	10.70	6.15		3.00	8550	75	120	2018
CJTX-C-15/15-0.75	530	2.92	1.69		0.55	6000	59	126	2018
CJTX-C-15/15-0.75-2V	530 / 265		1.60 / 0.65		0.55 / 0.09	6000 / 3000	59 / 44	126	2018
CJTX-C-15/15-1 IE3	560	2.82	1.62		0.75	7000	61	131	2018
CJTX-C-15/15-1.5 IE3	630	4.07	2.34		1.10	8050	64	142	2018
CJTX-C-15/15-2 IE3	700	5.41	3.11		1.50	8900	66	149	2018
CJTX-C-15/15-3 IE3	800	7.93	4.56		2.20	10100	69	136	2018
CJTX-C-15/15-4 IE3	880	10.70	6.15		3.00	11350	72	149	2018
CJTX-C-15/15-5.5 IE3	970	13.90	8.00		4.00	12600	73	147	2018
CJTX-C-18/18-1 IE3	460	2.82	1.62		0.75	10100	60	164	2018
CJTX-C-18/18-1-2V	460 / 230		2.20 / 0.870		0.75 / 0.15	10100 / 5050	60 / 45	163	2018
CJTX-C-18/18-1.5 IE3	510	4.07	2.34		1.10	11800	61	175	2018
CJTX-C-18/18-1.5-2V	510 / 255		3.00 / 1.15		1.10 / 0.18	11800 / 5900	61 / 46	165	2018
CJTX-C-18/18-2 IE3	540	5.41	3.11		1.50	13800	64	183	2018
CJTX-C-18/18-2-2V	540 / 270		4.60 / 1.90		1.50 / 0.25	13800 / 6900	64 / 49	167	2018
CJTX-C-18/18-3 IE3	610	7.93	4.56		2.20	15850	67	171	2018
CJTX-C-18/18-3-2V	610 / 305		5.60 / 2.20		2.20 / 0.37	15850 / 7925	67 / 52	173	2018
CJTX-C-18/18-4 IE3	680	10.70	6.15		3.00	17600	70	182	2018
CJTX-C-18/18-4-2V	680 / 340		9.00 / 3.50		3.00 / 0.55	17600 / 8800	70 / 55	180	2018
CJTX-C-18/18-5.5 IE3	750	13.90	8.00		4.00	19450	72	180	2018
CJTX-C-18/18-5.5-2V	750 / 375		11.00 / 4.00		4.00 / 0.65	19450 / 9725	72 / 57	184	2018
CJTX-C-18/18-7.5 IE3	850		10.30	5.97	5.50	21350	74	211	2018
CJTX-C-18/18-7.5-2V	850 / 425		13.20 / 5.30		5.50 / 1.00	21350 / 10675	74 / 59	204	2018
CJTX-C-18/18-10 IE3	930		13.90	8.06	7.50	24000	77	218	2018
CJTX-C-20/20-2 IE3	450	5.41	3.11		1.50	14000	64	284	2018
CJTX-C-20/20-3 IE3	530	7.93	4.56		2.20	15800	68	271	2018
CJTX-C-20/20-4 IE3	580	10.70	6.15		3.00	17950	70	282	2018
CJTX-C-20/20-5.5 IE3	660	13.90	8.00		4.00	19050	72	281	2018
CJTX-C-20/20-7.5 IE3	740		10.30	5.97	5.50	21150	74	312	2018
CJTX-C-20/20-10 IE3	815		13.90	8.06	7.50	23650	77	320	2018
CJTX-C-22/22-2 IE3	380	5.41	3.11		1.50	16000	62	326	2018
CJTX-C-22/22-2-2V	380 / 190		4.60 / 1.90		1.50 / 0.25	16000 / 8000	62 / 47	310	2018
CJTX-C-22/22-3 IE3	430	7.93	4.56		2.20	18400	64	313	2018
CJTX-C-22/22-3-2V	430 / 215		5.60 / 2.20		2.20 / 0.37	18400 / 9200	64 / 49	316	2018
CJTX-C-22/22-4 IE3	480	10.70	6.15		3.00	20350	68	325	2018
CJTX-C-22/22-5.5 IE3	520	13.90	8.00		4.00	23250	69	325	2018
CJTX-C-22/22-7.5 IE3	580		10.30	5.97	5.50	25950	72	356	2018
CJTX-C-22/22-10 IE3	650		13.90	8.06	7.50	28250	74	362	2018
CJTX-C-22/22-15 IE3	740		20.90	12.10	11.00	31950	77	383	2018
CJTX-C-22/22-20 IE3	780		27.90	16.20	15.00	34000	79	441	2018
CJTX-C-25/25-3 IE3	340	7.93	4.56		2.20	21550	66	370	2018
CJTX-C-25/25-3-2V	340 / 170		5.60 / 2.20		2.20 / 0.37	21550 / 10775	66 / 51	372	2018
CJTX-C-25/25-4 IE3	380	10.70	6.15		3.00	23850	68	381	2018
CJTX-C-25/25-4-2V	380 / 190		9.00 / 3.50		3.00 / 0.55	23850 / 11925	68 / 53	379	2018
CJTX-C-25/25-5.5 IE3	420	13.90	8.00		4.00	26300	70	379	2018
CJTX-C-25/25-5.5-2V	420 / 210		11.00 / 4.00		4.00 / 0.65	26300 / 13150	70 / 55	383	2018
CJTX-C-25/25-7.5 IE3	470		10.30	5.97	5.50	29250	73	416	2018
CJTX-C-25/25-7.5-2V	470 / 235		13.20 / 5.30		5.50 / 1.00	29250 / 14625	73 / 58	409	2018
CJTX-C-25/25-10 IE3	510		13.90	8.06	7.50	33150	75	417	2018
CJTX-C-25/25-10-2V	510 / 255		16.90 / 5.50		7.50 / 1.30	33150 / 16575	75 / 60	412	2018
CJTX-C-25/25-15 IE3	570		20.90	12.10	11.00	38300	78	444	2018
CJTX-C-25/25-15-2V	570 / 285		23.20 / 8.70		11.00 / 2.80	38300 / 19150	78 / 63	450	2018
CJTX-C-25/25-20 IE3	630		27.90	16.20	15.00	38750	80	499	2018
CJTX-C-30/28-3 IE3	250	7.93	4.56		2.20	25550	64	503	2018
CJTX-C-30/28-3-2V	250 / 125		5.60 / 2.20		2.20 / 0.37	25550 / 12775	64 / 49	507	2018
CJTX-C-30/28-4 IE3	280	10.70	6.15		3.00	28250	66	521	2018
CJTX-C-30/28-4-2V	280 / 140		9.00 / 3.50		3.00 / 0.55	28250 / 14125	66 / 51	519	2018
CJTX-C-30/28-5.5 IE3	340	13.90	8.00		4.00	28750	68	519	2018
CJTX-C-30/28-5.5-2V	340 / 170		11.00 / 4.00		4.00 / 0.65	28750 / 14375	68 / 53	523	2018
CJTX-C-30/28-7.5 IE3	360		10.30	5.97	5.50	33600	71	553	2018

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Technical characteristics

Model	Speed	Maximum admissible current (A)			Installed power	Maximum flow rate	Sound pressure level	Approx. weight	According to ErP
	(r/min)	230 V	400 V	690 V	(kW)	m3/h	dB(A)	(kg)	
CJTX-C-30/28-7.5-2V	360 / 180		13.20 / 5.30		5.50 / 1.00	33600 / 16800	71 / 56	546	2018
CJTX-C-30/28-10 IE3	410		13.90	8.06	7.50	36400	73	561	2018
CJTX-C-30/28-10-2V	410 / 205		16.90 / 5.50		7.50 / 1.30	36400 / 18200	73 / 58	556	2018
CJTX-C-30/28-15 IE3	480		20.90	12.10	11.00	40250	76	582	2018
CJTX-C-30/28-15-2V	480 / 240		23.20 / 8.70		11.00 / 2.80	40250 / 20125	76 / 61	588	2018
CJTX-C-30/28-20 IE3	520		27.90	16.20	15.00	45600	78	644	2018
CJTX-C-30/28-20-2V	520 / 260		31.72 / 11.75		15.00 / 3.80	45600 / 22800	78 / 63	616	2018
CJTX-C-30/28-25 IE3	550		35.10	20.30	18.50	49500	79	641	2018
CJTX-C-30/28-25-2V	550 / 275		33.00 / 11.00		17.00 / 3.40	49500 / 24750	79 / 64	643	2018

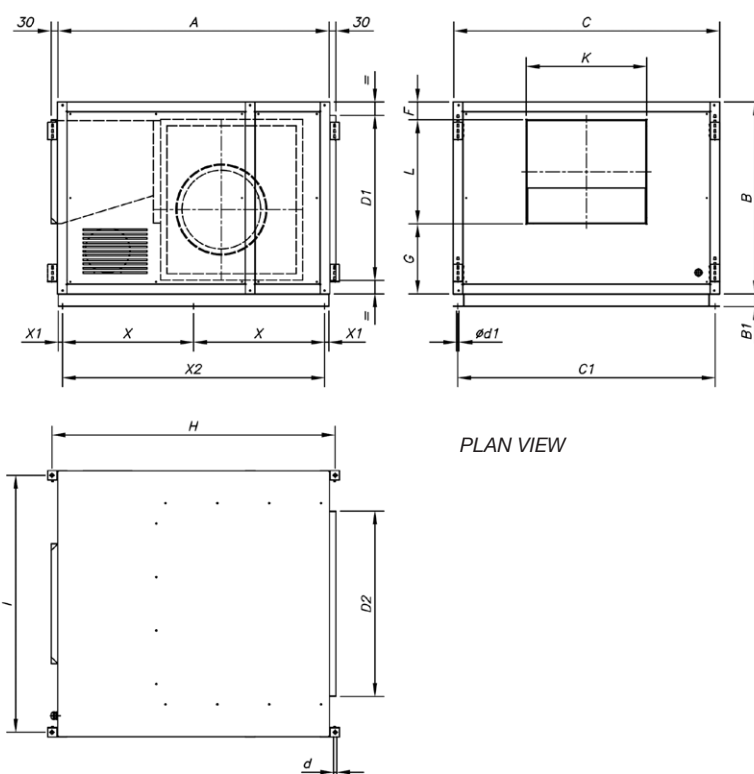


Erp. (Energy Related Products)

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

Dimensions mm

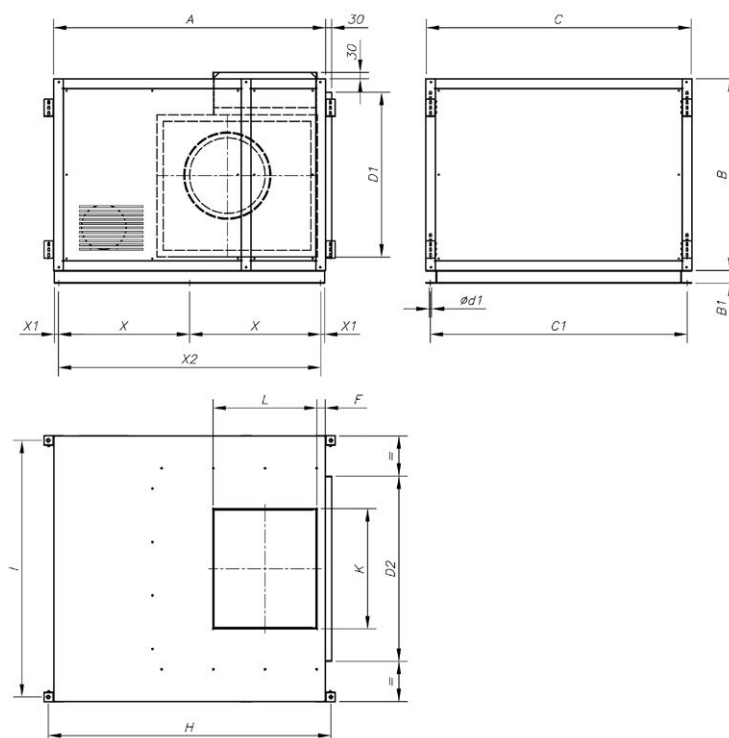
Standard
supply horizontal
impulsion
(H): LG-90



	A	B	B1	C	C1	ød	ød1	D1	D2	F	G	H	I	K	L	X	X1	X2
CJTX-C-7/7	700	480	-	730	695	10.5	9	354	470	62	202	750	685	239	216	-	-	-
CJTX-C-9/9	785	592	-	759	716	10.5	9	466	490	92	230	835	714	305	270	-	-	-
CJTX-C-10/10	860	618	-	825	782	10.5	9	492	520	87	235	910	780	334	296	-	-	-
CJTX-C-12/12	970	680	-	945	902	10.5	9	554	620	80	250	1020	900	395	350	-	-	-
CJTX-C-15/15	1100	776	-	1100	1057	10.5	9	650	720	80	285	1150	1055	483	411	-	-	-
CJTX-C-18/18	1278	900	60	1250	1207	10.5	11	774	870	95	325	1328	1205	552	480	614.5	20	1229
CJTX-C-20/20	1495	1050	60	1474	1431	13	11	954	1100	122	347	1555	1419	611	611	722.5	20	1545
CJTX-C-22/22	1640	1180	60	1625	1582	13	11	1054	1250	125	350	1700	1570	665	705	795.5	20	1591
CJTX-C-25/25	1800	1300	60	1825	1782	13	11	1174	1450	125	369	1860	1770	775	806	875.5	20	1751
CJTX-C-30/28	2000	1525	60	2134	2091	13	11	1399	1760	118	465	2060	2079	900	942	975.5	20	1951

Dimensions mm

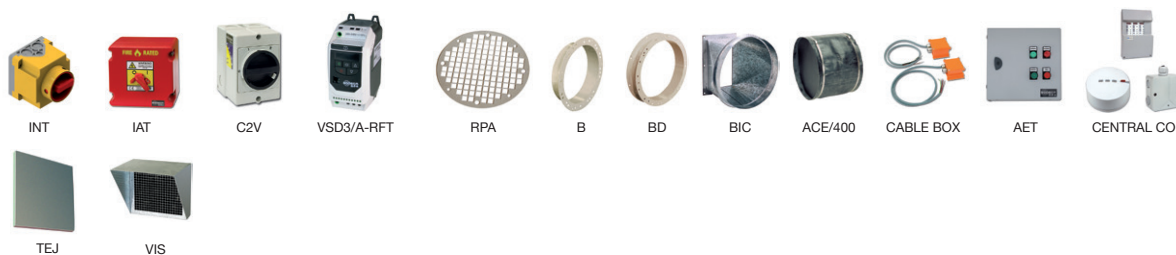
Supplied on request:
Vertical
outlet (V): LG-0



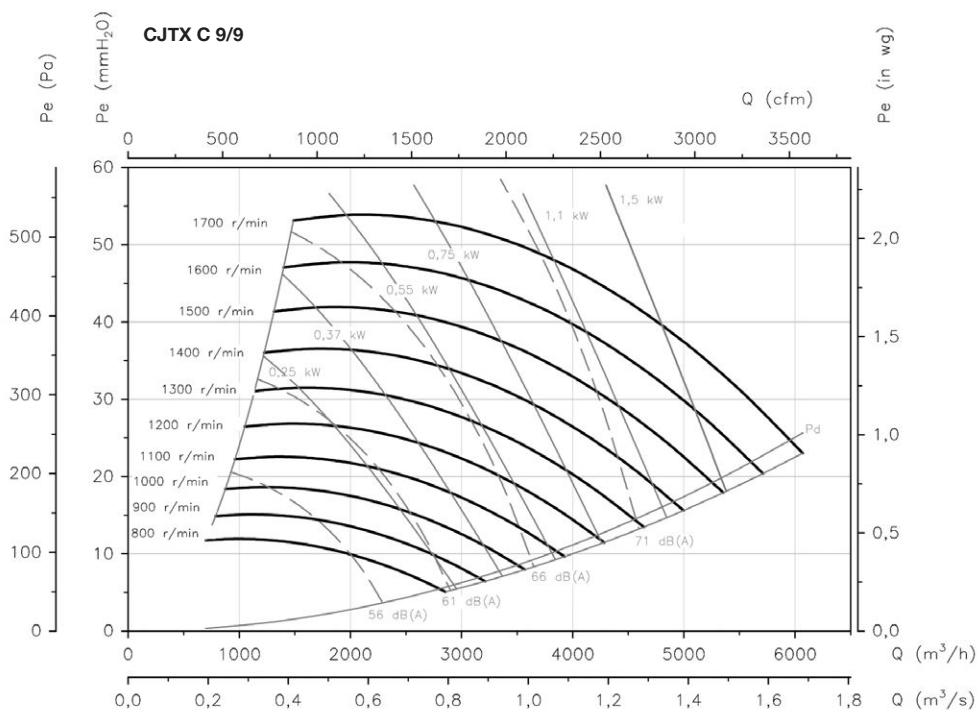
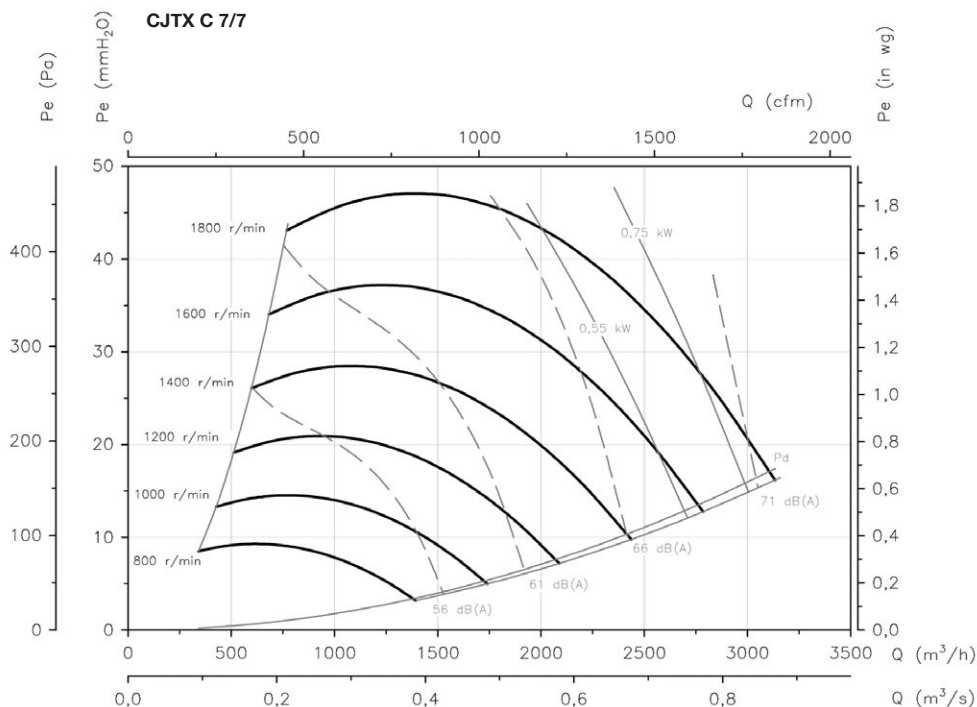
	A	B	B1	C	C1	ϕd	$\phi d1$	D1	D2	F	H	I	K	L	X	X1	X2
CJTX-C-7/7	700	480	-	730	695	10.5	9	354	470	165	750	685	238	210	-	-	-
CJTX-C-9/9	785	592	-	759	716	10.5	9	466	490	157	835	714	312	272	-	-	-
CJTX-C-10/10	860	618	-	825	782	10.5	9	492	520	135	910	780	333	300	-	-	-
CJTX-C-12/12	970	680	-	945	902	10.5	9	554	620	183	1020	900	397	355	-	-	-
CJTX-C-15/15	1100	776	-	1100	1057	10.5	9	650	720	197	1150	1055	479	421	-	-	-
CJTX-C-18/18	1278	900	60	1250	1207	10.5	11	774	870	281	1328	1205	550	495	614.5	20	1229
CJTX-C-20/20	1495	1050	60	1474	1431	13	11	954	1100	283	1555	1419	610	611	722.5	20	1545
CJTX-C-22/22	1640	1180	60	1625	1582	13	11	1054	1250	325	1700	1570	666	701	795.5	20	1591
CJTX-C-25/25	1800	1300	60	1825	1782	13	11	1174	1450	367	1860	1770	775	798	875.5	20	1751
CJTX-C-30/28	2000	1525	60	2134	2091	13	11	1399	1760	407	2060	2079	894	947	975.5	20	1951

Accessories

See accessories section



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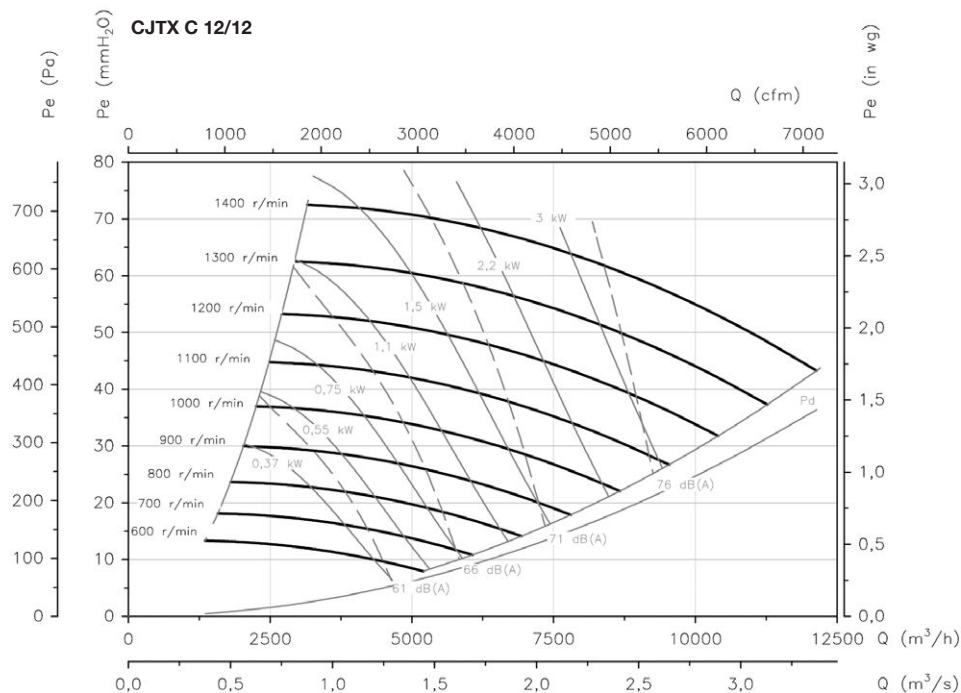
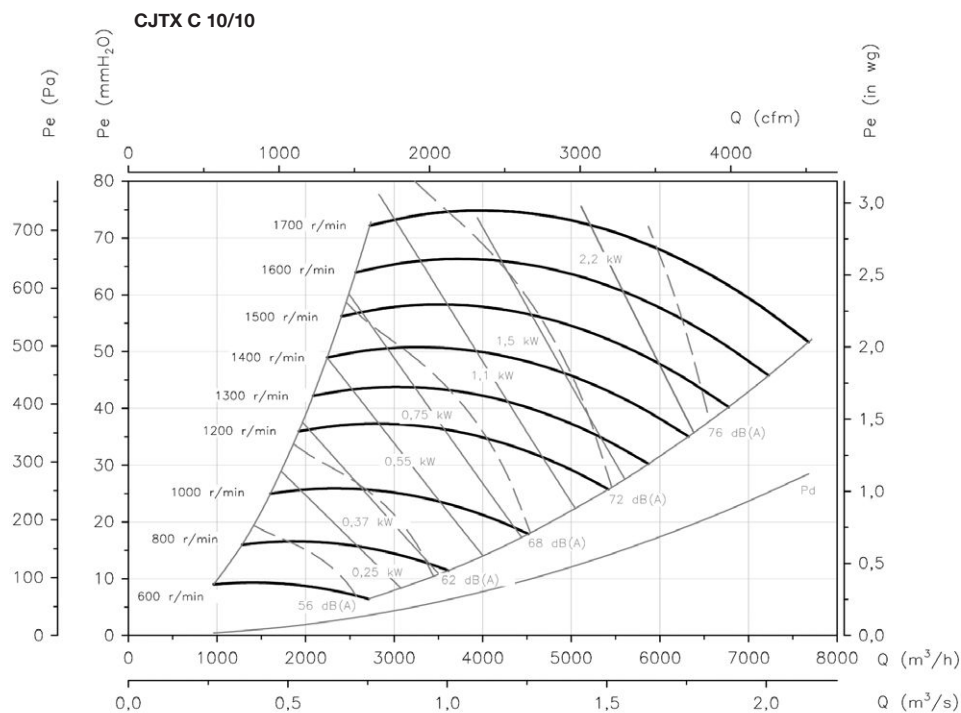
Characteristic curvesQ= Flow rate in m³/h, m³/s and cfm.Pe= Static pressure in mm H₂O, Pa and inwg



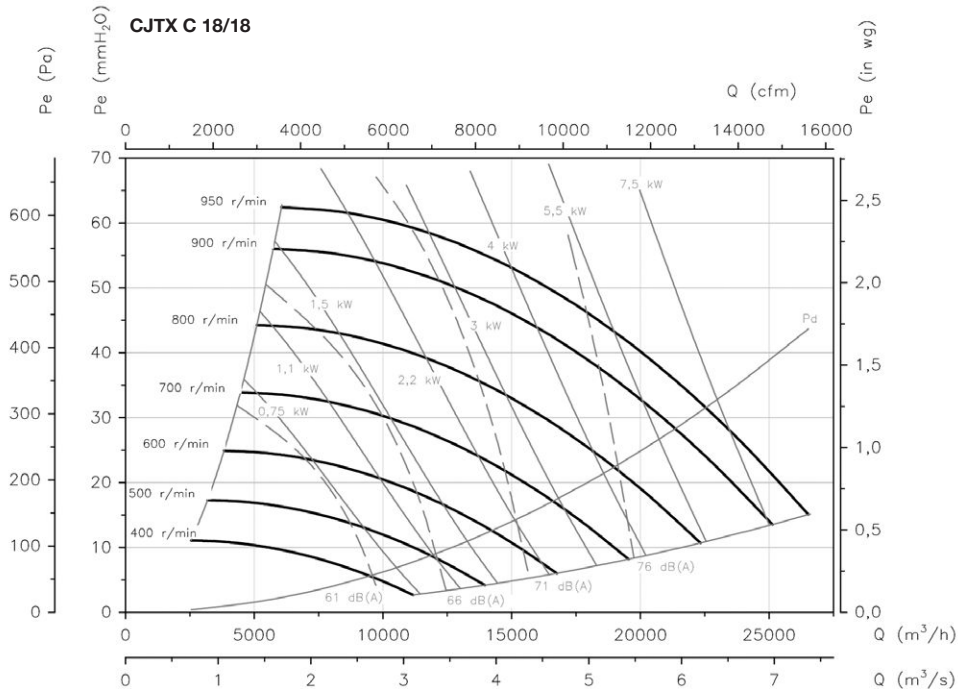
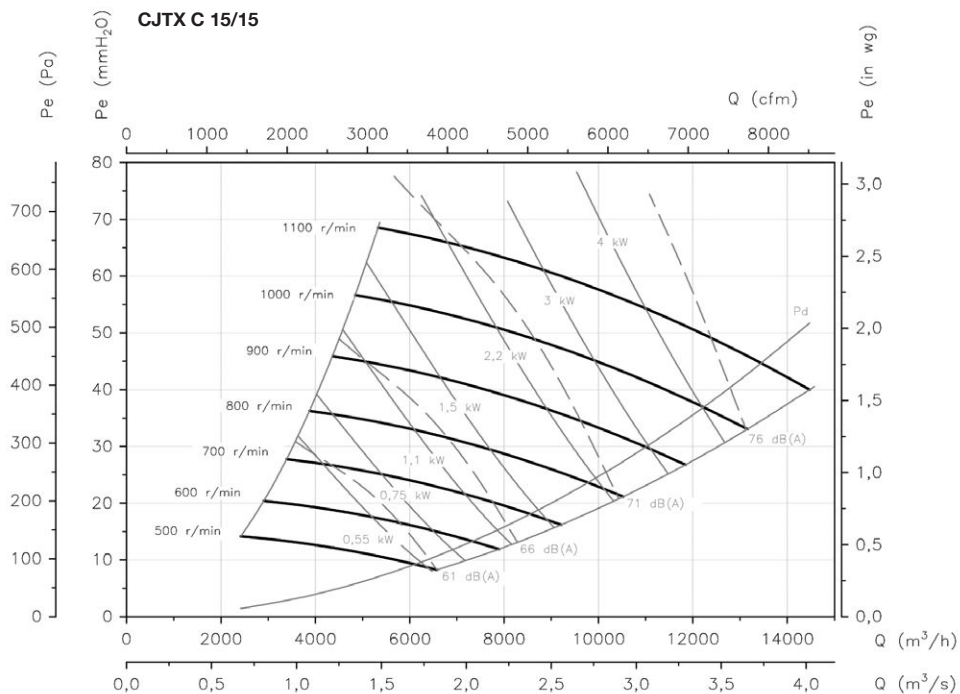
Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm.

Pe= Static pressure in mm H₂O, Pa and inwg



CENTRIFUGAL FANS AND IN-LINE DUCT EXTRACTOR FANS

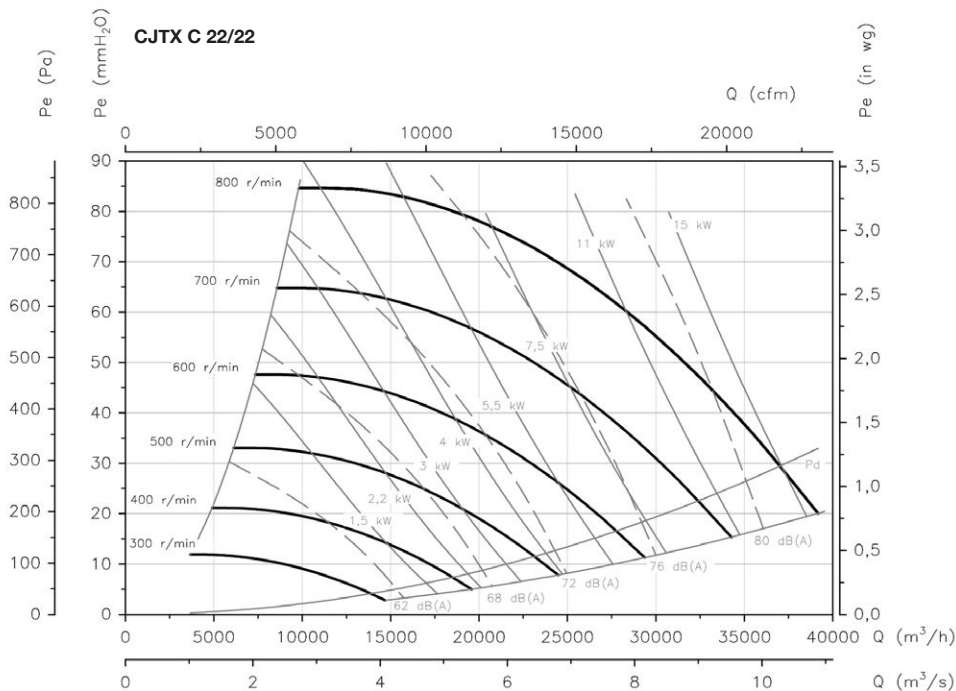
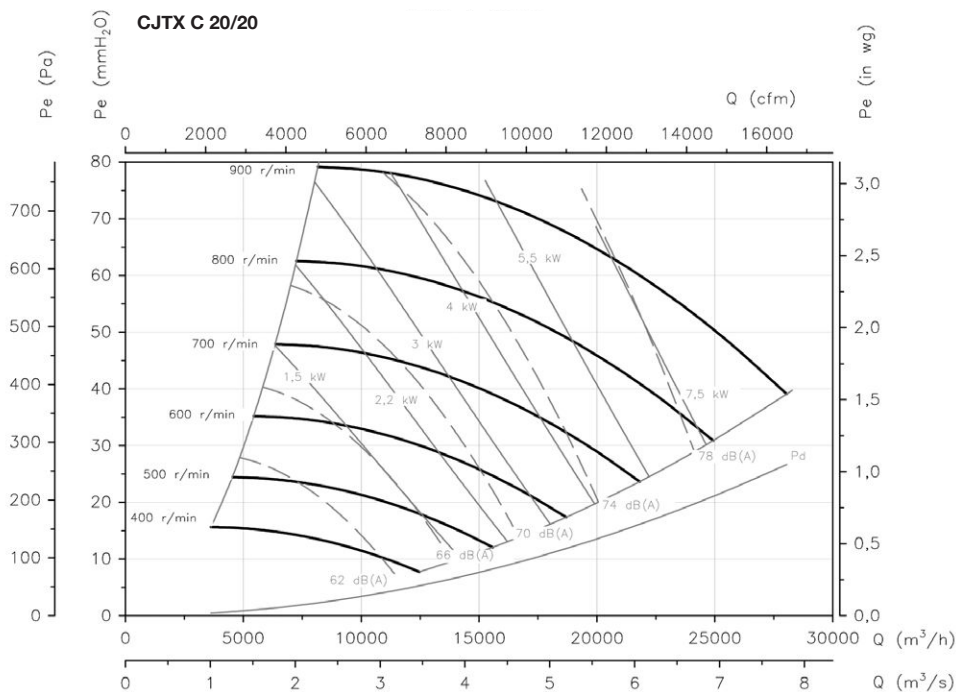
Characteristic curvesQ= Flow rate in m³/h, m³/s and cfm.Pe= Static pressure in mm H₂O, Pa and inwg



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm.

Pe= Static pressure in mm H₂O, Pa and inwg



CENTRIFUGAL FANS AND IN-LINE DUCT EXTRACTOR FANS

Characteristic curvesQ= Flow rate in m³/h, m³/s and cfm.Pe= Static pressure in mm H₂O, Pa and inwg