

# CJBX/ALG-F



Belt-driven ventilation units with galvanised sheet, built-in filters and aluminium profiles



## Fan:

- Ventilation units fitted with double-inlet fans from the CBX, CBXC and CBXR series.
- Aluminium profiles structure with thermal and acoustic insulation.
- Forward-curved impellers made from galvanised sheet steel.
- Cable gland for cable inlet.
- G4 filters.
- Inspection and cleaning covers that are easy to access.

## Motor:

- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.

- Three-phase 220/277V-60Hz (up to 4 kW) and 380/480V-60Hz (powers higher than 4 kW).
- Maximum temperature of air to be carried: -20°C +60°C.

## Finish:

- Anti-corrosive galvanised sheet steel and aluminium profiles.

## On request:

- With circular impulsion.
- Pressure connections for filter control.
- Pressure probe for filter control.
- Inlet louver.
- Cowls.

## Order code

<b>CJBX/ALG-F</b>	-	<b>15/15</b>	-	<b>4</b>	-	<b>60HZ</b>
↓		↓		↓		
Belt-driven ventilation units with galvanised sheet, built-in filters and aluminium profiles		Impeller size in inches		Motor power (HP)		

## Technical characteristics

Model	Speed (r/min)	Max. admissible current (A)		Installed power (kW)	Maximum flow rate (m3/h)	Sound pressure level dB(A)	Approx. weight (Kg)	Mounting type
		220-277V	380-480V					
CJBX/ALG-F-7/7-0.25	1090	1,23	0,71	0,18	1050	48	40	A
CJBX/ALG-F-7/7-0.33	1220	1,66	0,96	0,25	1100	50	41	A
CJBX/ALG-F-7/7-0.5	1420	2,02	1,17	0,37	1250	53	42	A

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		220-277V	380-480V					
CJBX/ALG-F-7/7-0.75	1600	2,92	1,69	0,55	1450	56	44	A
CJBX/ALG-F-7/7-1 IE3	1790	3,10	1,79	0,75	1500	58	46	A
CJBX/ALG-F-9/9-0.25	825	1,23	0,71	0,18	1700	45	73	A
CJBX/ALG-F-9/9-0.33	920	1,66	0,96	0,25	1800	48	75	A
CJBX/ALG-F-9/9-0.5	1020	2,02	1,17	0,37	2200	51	77	A
CJBX/ALG-F-9/9-0.75	1050	2,92	1,69	0,55	2900	55	80	A
CJBX/ALG-F-9/9-1 IE3	1070	3,10	1,79	0,75	3200	56	81	A
CJBX/ALG-F-9/9-1.5 IE3	1260	4,03	2,32	1,10	3750	60	83	A
CJBX/ALG-F-10/10-0.5	845	2,02	1,17	0,37	2950	52	84	A
CJBX/ALG-F-10/10-0.75	845	2,92	1,69	0,55	3800	56	84	A
CJBX/ALG-F-10/10-1 IE3	960	3,10	1,79	0,75	4175	58	86	A
CJBX/ALG-F-10/10-1.5 IE3	1070	4,03	2,32	1,10	4800	61	88	A
CJBX/ALG-F-10/10-2 IE3	1140	5,96	3,44	1,50	5400	63	92	A
CJBX/ALG-F-12/12-0.5	595	2,02	1,17	0,37	4200	52	103	A
CJBX/ALG-F-12/12-0.75	675	2,92	1,69	0,55	4800	54	105	A
CJBX/ALG-F-12/12-1 IE3	765	3,10	1,79	0,75	5400	57	106	A
CJBX/ALG-F-12/12-1.5 IE3	855	4,03	2,32	1,10	5800	59	109	A
CJBX/ALG-F-12/12-2 IE3	965	5,96	3,44	1,50	6500	62	113	A
CJBX/ALG-F-12/12-3 IE3	1180	8,36	4,83	2,20	7400	65	121	A
CJBX/ALG-F-15/15-0.75	525	2,92	1,69	0,55	5900	49	121	B
CJBX/ALG-F-15/15-1 IE3	595	3,10	1,79	0,75	6500	52	122	B
CJBX/ALG-F-15/15-1.5 IE3	635	4,03	2,32	1,10	7500	54	125	B
CJBX/ALG-F-15/15-2 IE3	670	5,96	3,44	1,50	8200	56	129	B
CJBX/ALG-F-15/15-3 IE3	740	8,36	4,83	2,20	9500	59	137	B
CJBX/ALG-F-15/15-4 IE3	805	10,96	6,33	3,00	10600	61	147	B
CJBX/ALG-F-15/15-5.5 IE3	965	14,10	8,12	4,00	12000	63	152	B
CJBX/ALG-F-18/18-1.5 IE3	480	4,03	2,32	1,10	9000	48	185	B
CJBX/ALG-F-18/18-2 IE3	605	5,96	3,44	1,50	9250	51	188	B
CJBX/ALG-F-18/18-3 IE3	590	8,36	4,83	2,20	11500	54	197	B
CJBX/ALG-F-18/18-4 IE3	640	10,96	6,33	3,00	13200	56	199	B
CJBX/ALG-F-18/18-5.5 IE3	675	14,10	8,12	4,00	15000	58	204	B
CJBX/ALG-F-18/18-7.5 IE3	760		11,60	5,50	17000	60	218	C
CJBX/ALG-F-20/20-2 IE3	430	5,96	3,44	1,50	11500	56	295	C
CJBX/ALG-F-20/20-3 IE3	530	8,36	4,83	2,20	12800	57	304	C
CJBX/ALG-F-20/20-4 IE3	575	10,96	6,33	3,00	14200	58	306	C
CJBX/ALG-F-20/20-5.5 IE3	635	14,10	8,12	4,00	15500	61	311	C
CJBX/ALG-F-20/20-7.5 IE3	675		11,60	5,50	17500	63	325	C
CJBX/ALG-F-20/20-10 IE3	725		13,90	7,50	20000	65	356	C
CJBX/ALG-F-22/22-2 IE3	385	5,96	3,44	1,50	14000	50	340	C
CJBX/ALG-F-22/22-3 IE3	475	8,36	4,83	2,20	15000	54	347	C
CJBX/ALG-F-22/22-4 IE3	515	10,96	6,33	3,00	17000	55	351	C
CJBX/ALG-F-22/22-5.5 IE3	570	14,10	8,12	4,00	19000	57	355	C
CJBX/ALG-F-22/22-7.5 IE3	605		11,60	5,50	21500	60	369	C

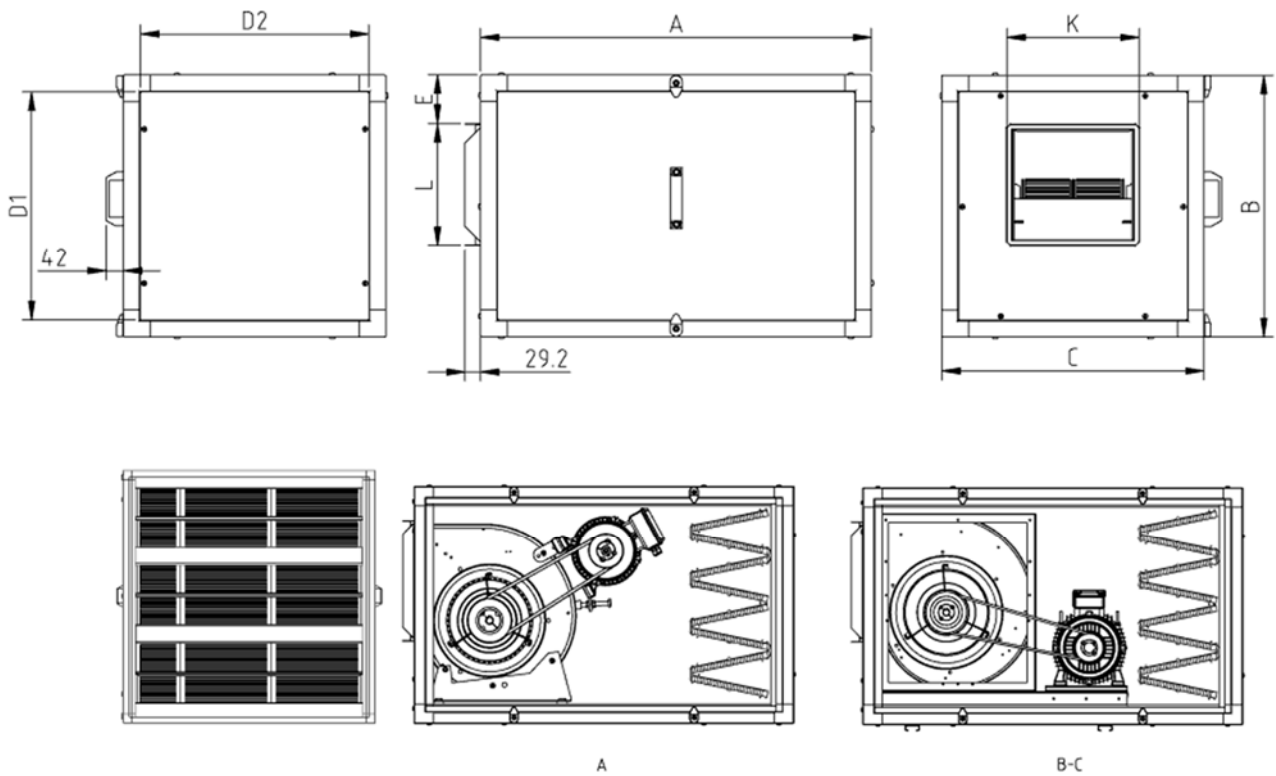
Model	Speed (r/min)	Max. admissible current (A)		Installed power (kW)	Maximum flow rate (m3/h)	Sound pressure level dB(A)	Approx. weight (Kg)	Mounting type
		220-277V	380-480V					
CJBX/ALG-F-22/22-10 IE3	725		13,90	7,50	22000	63	396	C
CJBX/ALG-F-22/22-15 IE3	765		20,90	11,00	27000	65	431	C
CJBX/ALG-F-25/25-3 IE3	375	8,36	4,83	2,20	17000	53	396	C
CJBX/ALG-F-25/25-4 IE3	405	10,96	6,33	3,00	20500	55	398	C
CJBX/ALG-F-25/25-5.5 IE3	450	14,10	8,12	4,00	22000	57	403	C
CJBX/ALG-F-25/25-7.5 IE3	485		11,60	5,50	24500	59	417	C
CJBX/ALG-F-25/25-10 IE3	545		13,90	7,50	28000	61	444	C
CJBX/ALG-F-25/25-15 IE3	610		20,90	11,00	32000	64	473	C
CJBX/ALG-F-30/28-3 IE3	330	8,36	4,83	2,20	20000	54	500	C
CJBX/ALG-F-30/28-4 IE3	360	10,96	6,33	3,00	22000	56	502	C
CJBX/ALG-F-30/28-5.5 IE3	380	14,10	8,12	4,00	25000	59	507	C
CJBX/ALG-F-30/28-7.5 IE3	380		11,60	5,50	31500	60	522	C
CJBX/ALG-F-30/28-10 IE3	410		13,90	7,50	36000	63	551	C
CJBX/ALG-F-30/28-15 IE3	430		20,90	11,00	42000	65	571	C
CJBX/ALG-F-30/28-20 IE3	480		27,90	15,00	48000	68	586	C



### **ErP. (Energy Related Products)**

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

## Dimensions mm

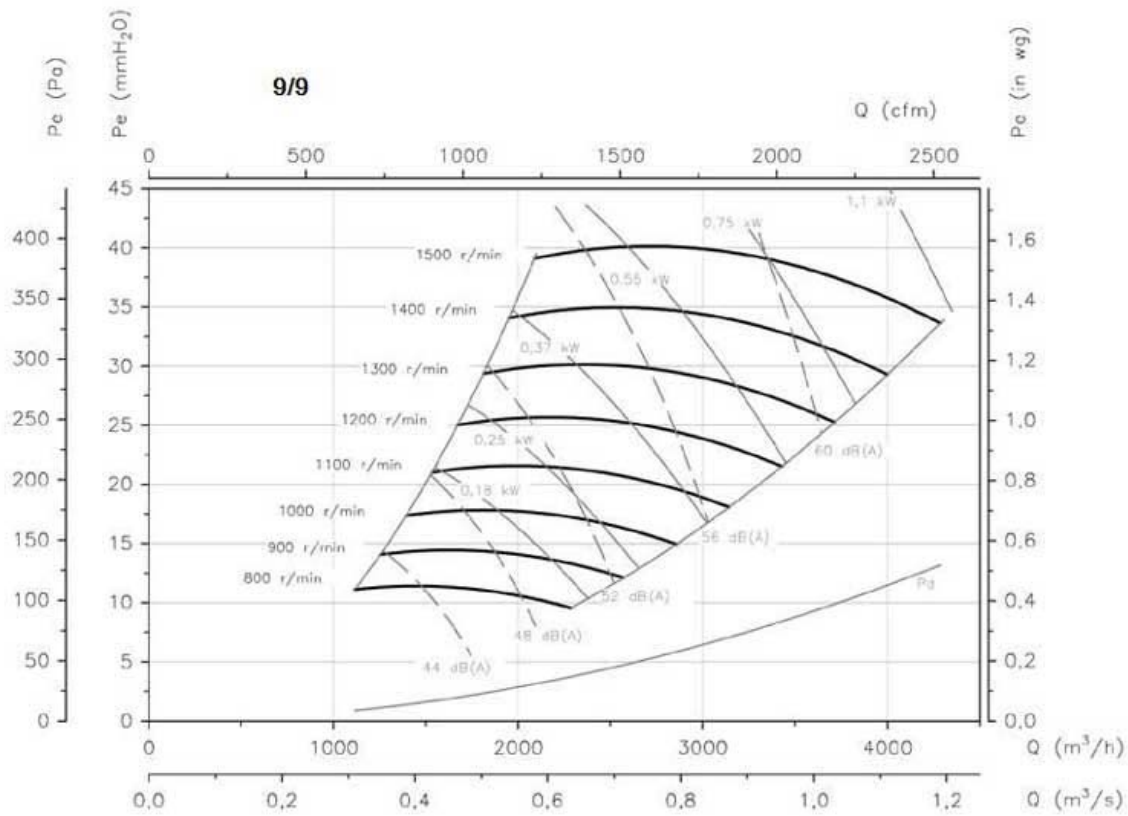
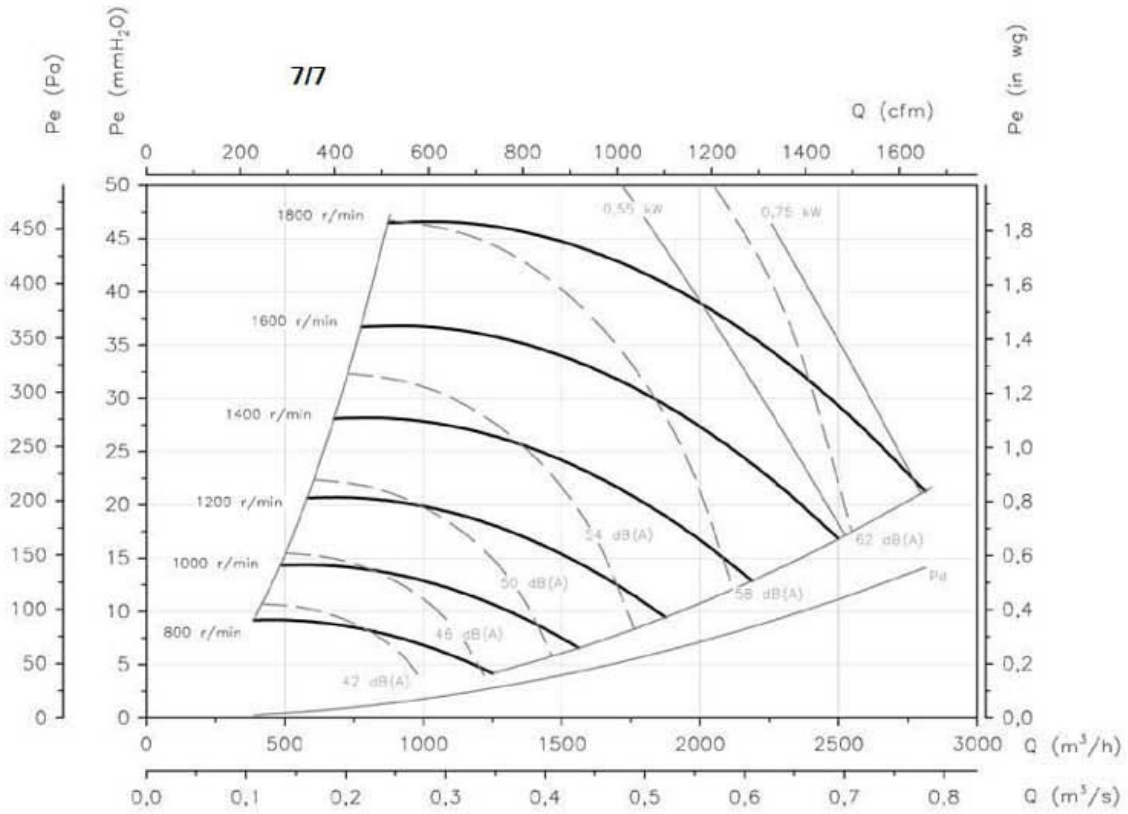


Model	A	B	C	D1	D2	E	L	K	Mounting type
CJBX/ALG-F-7/7	830	490	490	428	428	91	226	247	A
CJBX/ALG-F-9/9	1580	550	500	488	488	86	279	317	A
CJBX/ALG-F-10/10	1630	605	605	543	543	88	306	343	A
CJBX/ALG-F-12/12	1850	680	680	618	618	84	360	404	A
CJBX/ALG-F-15/15	2020	855	855	793	793	119	423	490	B
CJBX/ALG-F-18/18	2170	1000	1000	938	938	137	498	554	B-C
CJBX/ALG-F-20/20	2200	1175	1175	1115	1040	136	615	615	C
CJBX/ALG-F-22/22	2410	1250	1250	1190	1190	124	705	668	C
CJBX/ALG-F-25/25	2640	1450	1450	1390	1390	198	805	778	C
CJBX/ALG-F-30/28	2815	1700	1700	1640	1640	224	945	900	C

## Characteristic curves

Q = Airflow in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

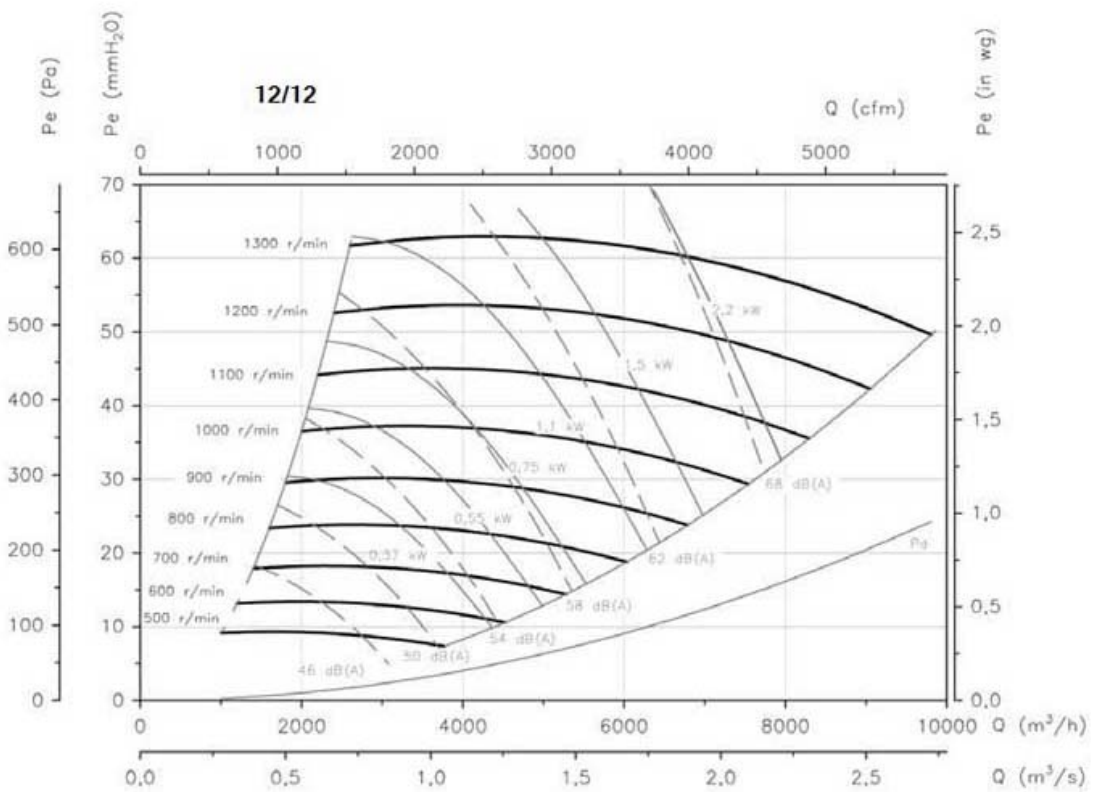
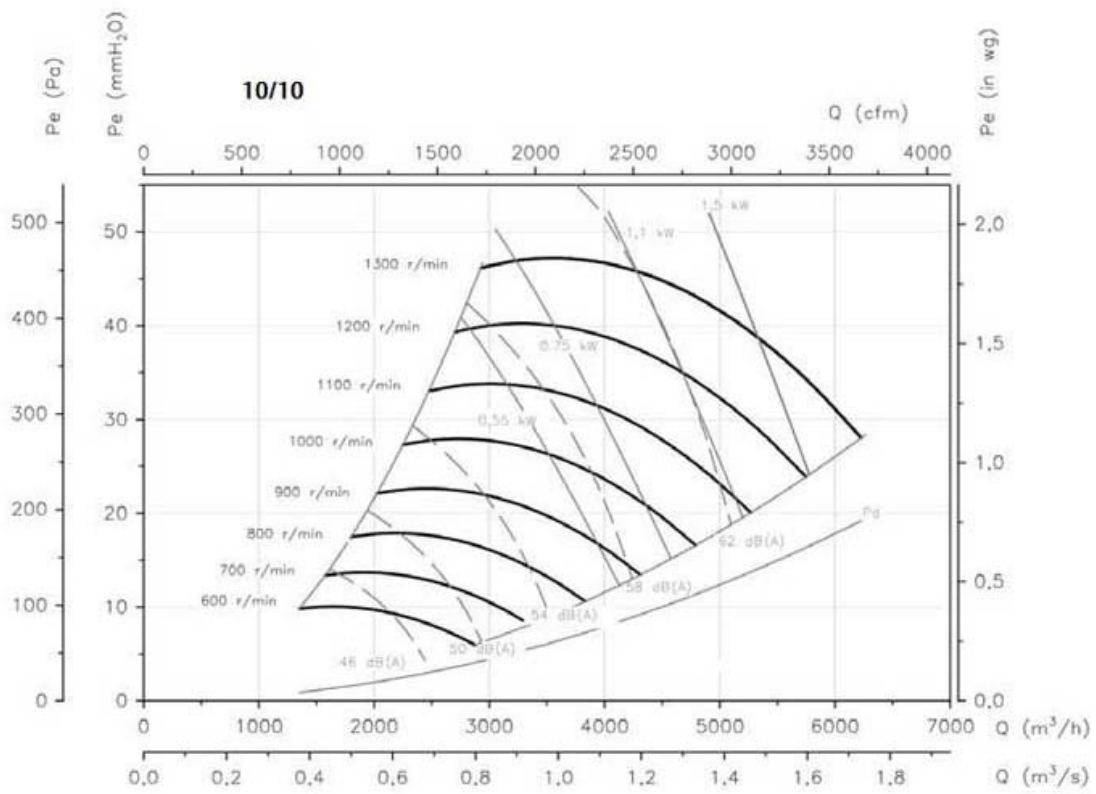
Pe = Static pressure in mmH<sub>2</sub>O, Pa and inwg.



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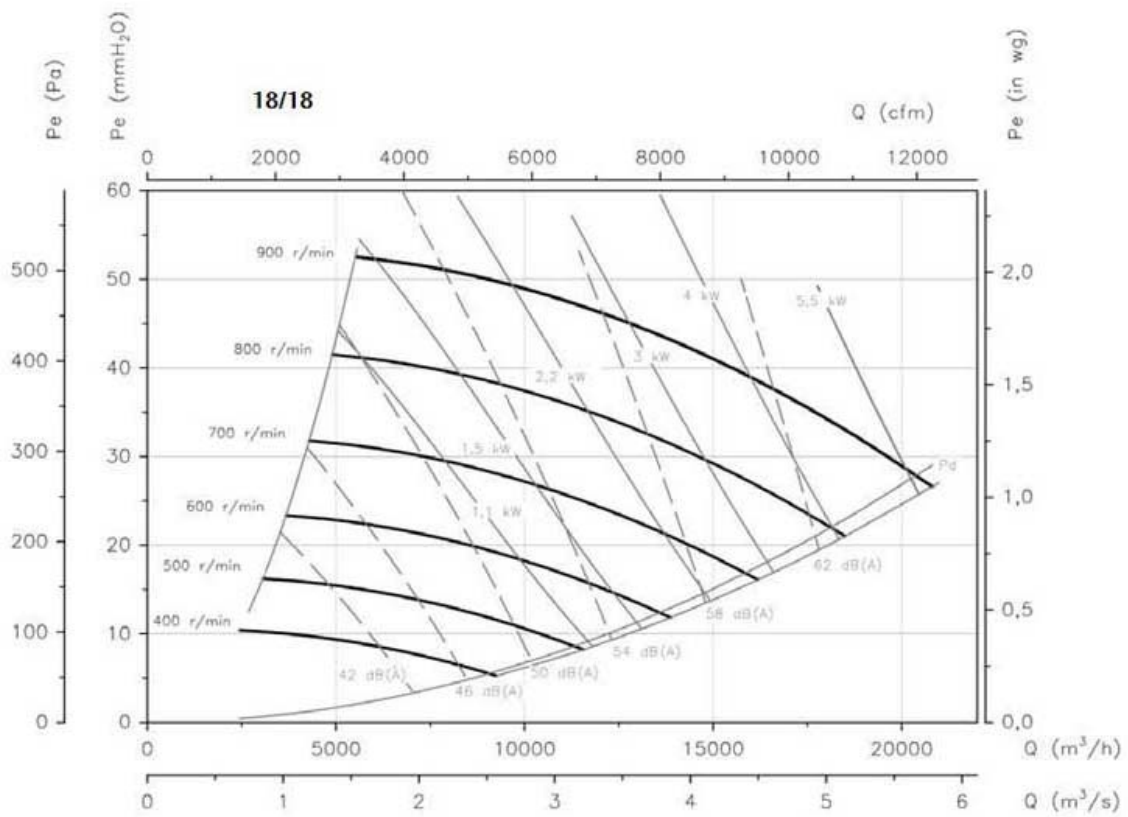
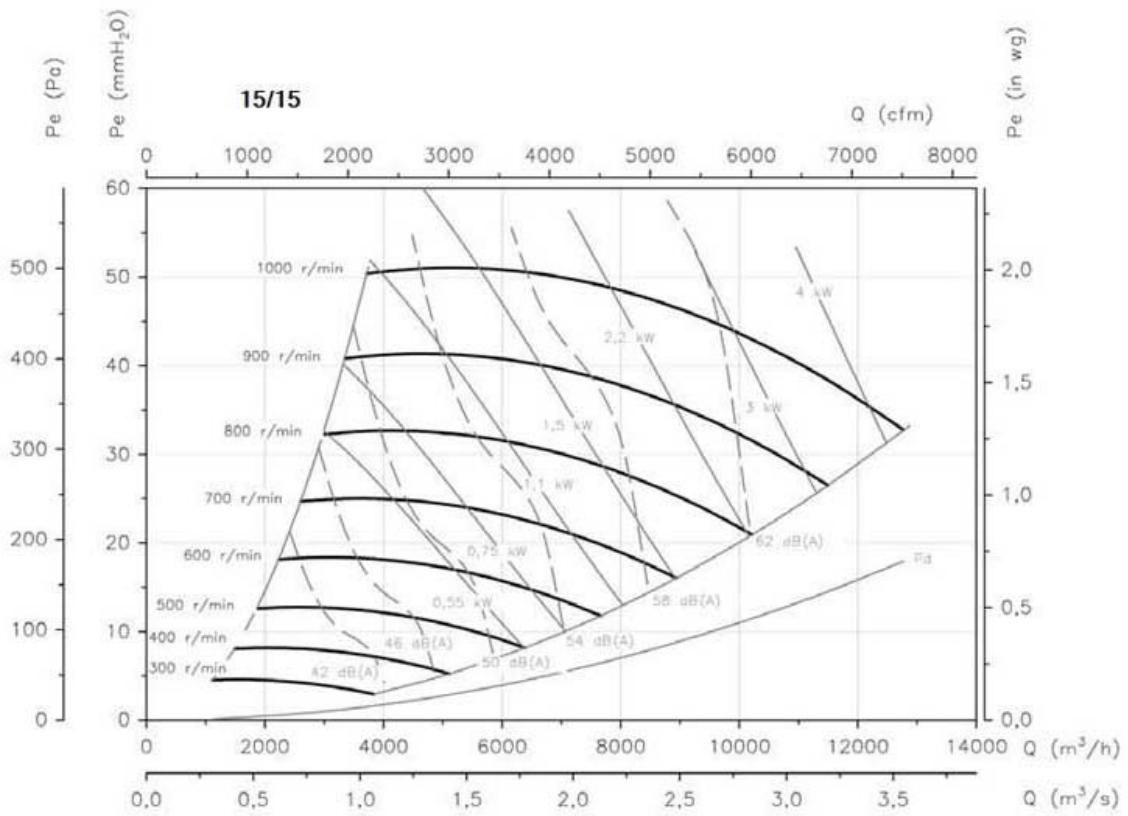
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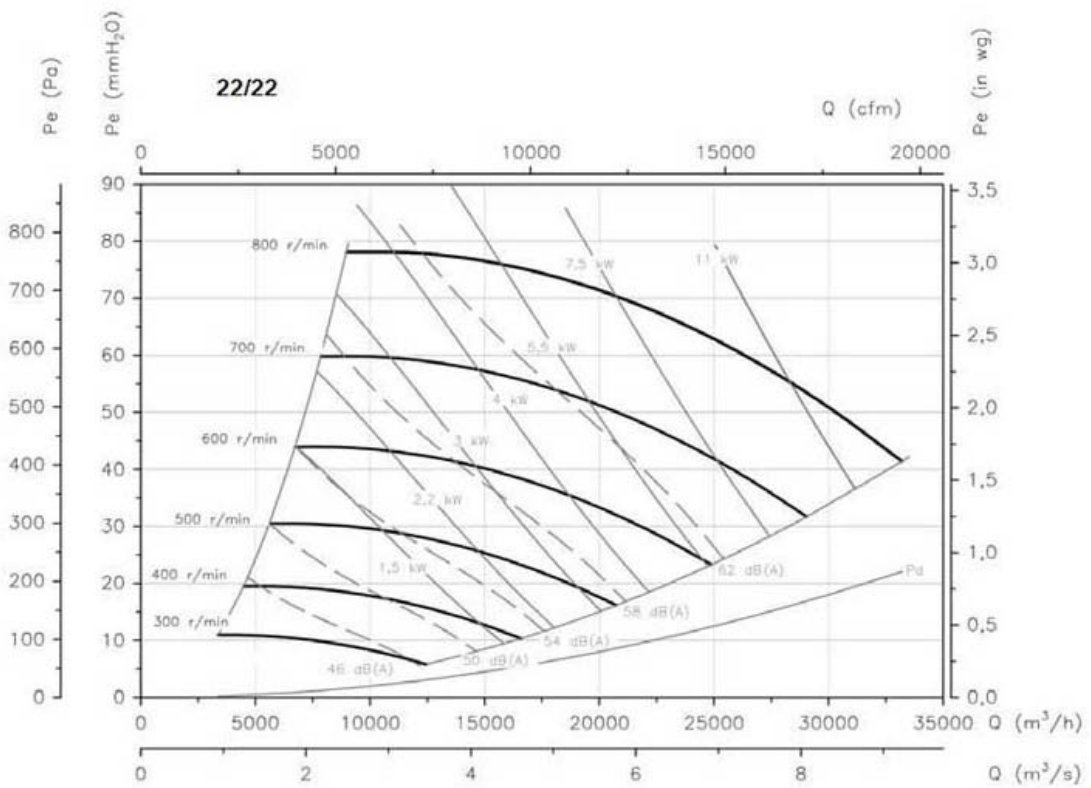
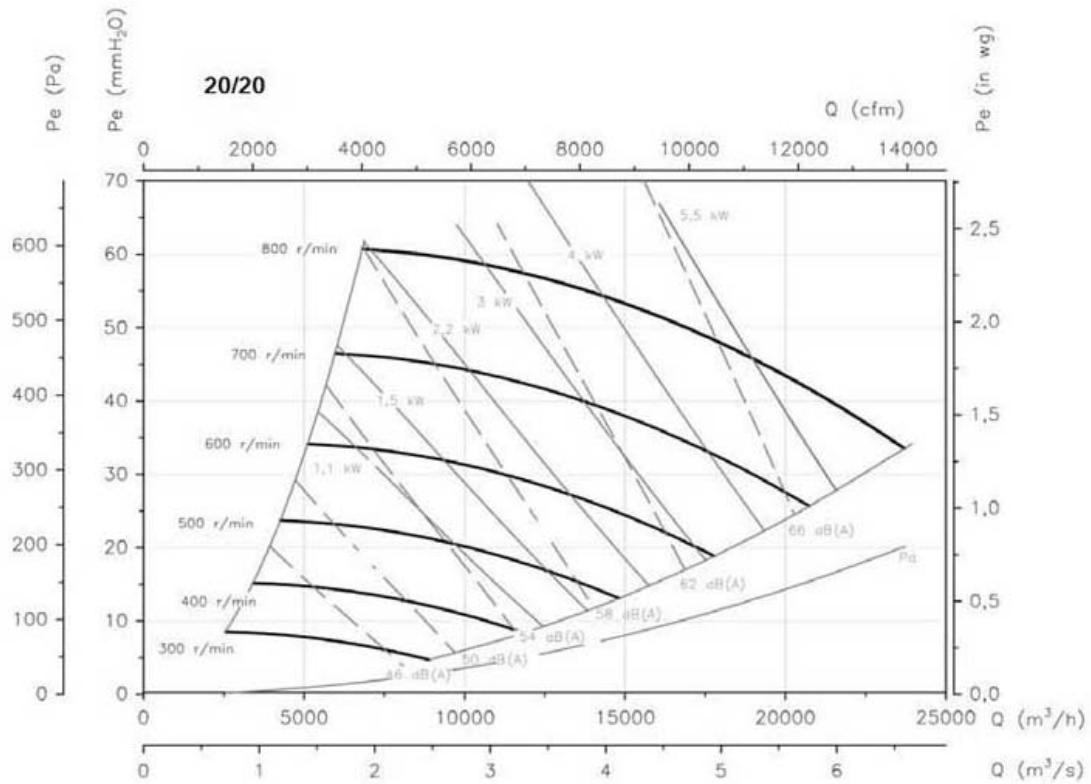




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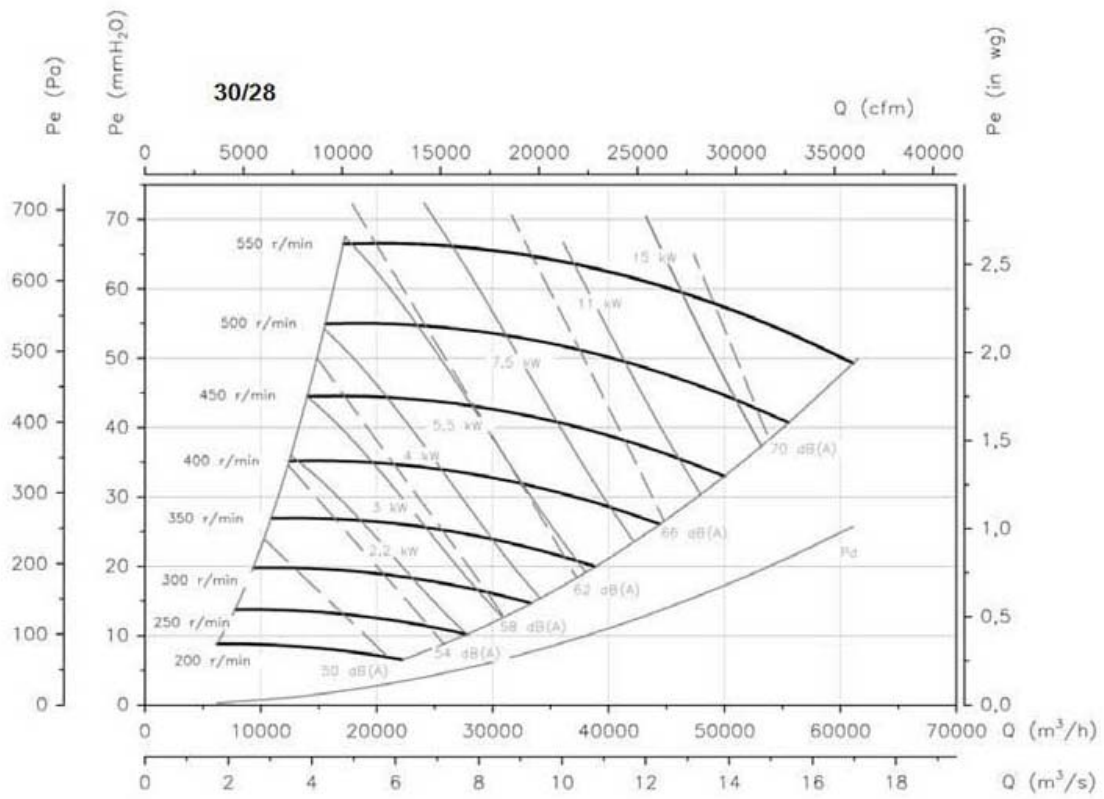
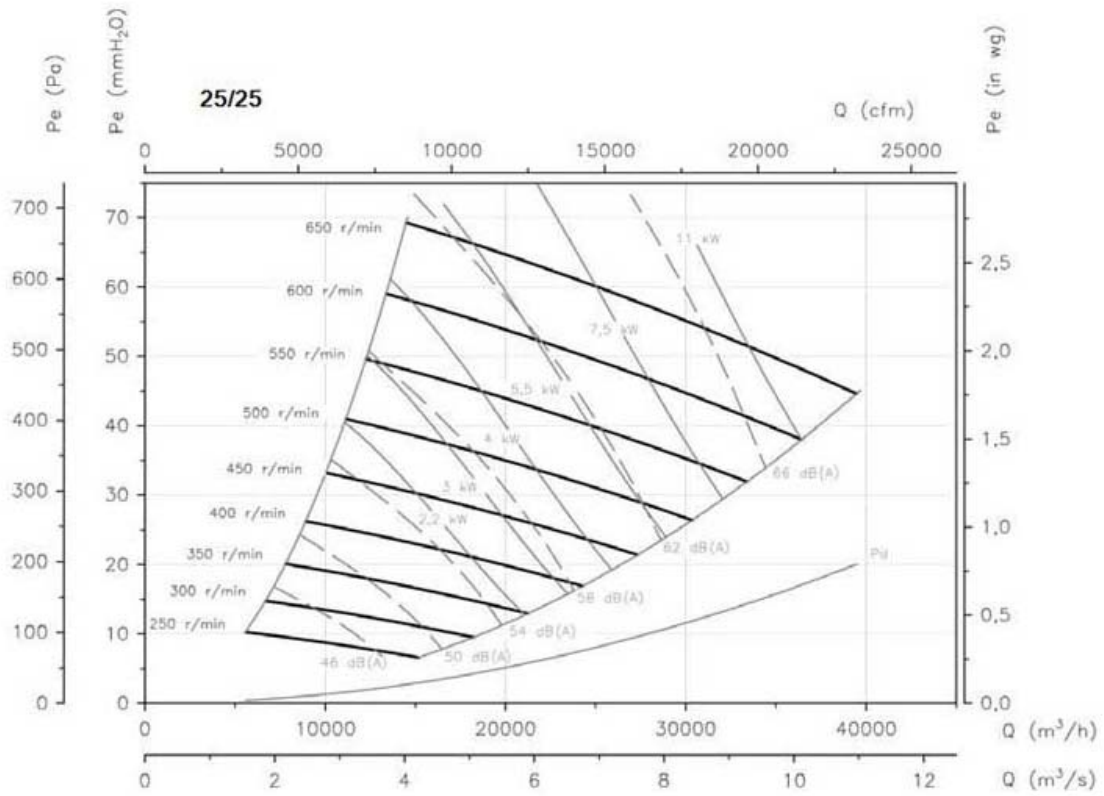




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### Load loss curves of units with filters

