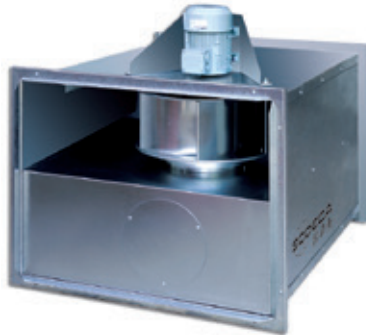


CJLINE



Easy to connect to rectangular ducts.

400°C/2h extraction units with linear inlet and outlet

400°C/2h in-line extraction units to work outside the fire danger zone.

Fan:

- Galvanised sheet steel structure.
- Impeller with backward-curved blades made from sheet steel
- Approval according to Standard EN 12101-3:2002/AC:2006, with certification No: 0370-CPR-0594
- Linear air circulation

Motor:

- Class F insulation, IP55, one- or two-speed depending on the model
- 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:

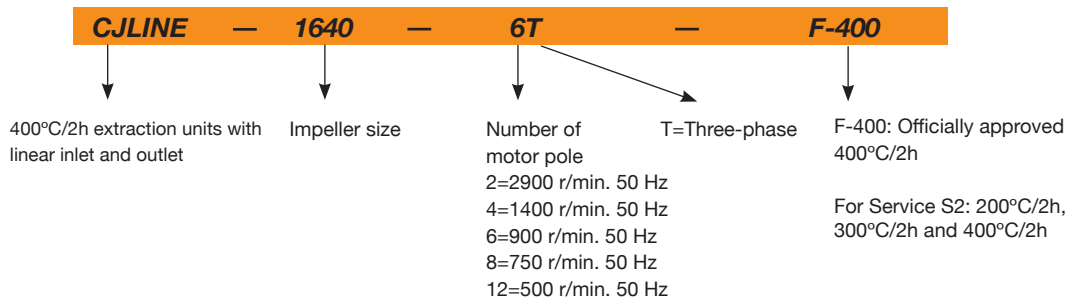
- Anti-corrosive galvanised sheet steel.

On request:

- Fans with two-speed motor.



Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Power installed (kW)	Airflow maximum (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		230V	400V (A)	690V				
CJLINE-1131-4T	1350	1.66	0.96		0.25	1920	51	39
CJLINE-1131-4/8T	1400/700		0.70 / 0.30		0.25/0.10	1920/960	51/36	40
CJLINE-1235-4T	1350	1.66	0.96		0.25	3550	56	54
CJLINE-1235-4/8T	1400/700		0.70 / 0.30		0.25/0.10	3550/1775	56/41	55
CJLINE-1235-6T	880	1.22	0.70		0.18	2300	50	55
CJLINE-1640-4T	1370	2.02	1.17		0.37	4800	61	65
CJLINE-1640-4/8T	1440/700		1.05 / 0.50		0.37/0.11	4800/2400	61/46	67
CJLINE-1640-6T	900	1.51	0.87		0.25	2950	54	66
CJLINE/H-1650-4T	1430	5.96	3.44		1.50	9650	74	99
CJLINE-1845-4T	1410	3.10	1.79		0.75	6800	65	83
CJLINE-1845-4/8T	1430/710		2.00 / 0.90		0.75/0.20	6800/3400	65/50	84
CJLINE-1845-6T	900	2.24	1.30		0.37	4360	57	81
CJLINE/H-1856-4T	1445	10.96	6.33		3.00	13580	77	117
CJLINE-1856-6T	900	2.99	1.73		0.55	7720	59	142
CJLINE-1856-6/12T	930/450		1.60 / 0.65		0.55/0.09	7720/3860	59/44	143
CJLINE-1856-8T	695	1.94	1.12		0.25	5800	52	143
CJLINE/H-2063-4T	1440		11.60	6.72	5.50	20900	79	228
CJLINE-2063-6T	945	3.90	2.20		0.75	11100	61	185

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Power installed (kW)	Airflow maximum (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		230V	400V (A)	690V				
CJLINE-2063-6/12T	935/435	2.20 / 0.87			0.75/0.15	11100/5550	61/46	190
CJLINE-2063-8T	700	2.77	1.60		0.37	7730	54	188
CJLINE/H-2271-4T	1460		20.20	11.60	11.00	31170	84	283
CJLINE-2271-6T	955	6.42	3.71		1.50	14300	65	205
CJLINE-2271-6/12T	970/470	4.60 / 1.90			1.50/0.25	14300/7150	65/50	216
CJLINE-2271-8T	705	4.68	2.70		0.75	9900	57	204
CJLINE-2880-6T	960	12.70	7.30		3.00	22800	67	275
CJLINE-2880-6/12T	960/480	9.00 / 3.50			3.00/0.55	22800/11400	67/52	289
CJLINE-2880-8T	705	9.53	5.50		2.20	17200	58	275



Erp. BEP (best efficiency point) characteristics

MC	Measurement category	ηe[%]	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	ηe[%]	N	(kW)	(m³/h)	(mmH²O)	(RPM)
CJLINE-1131-4T	C	S	NO	1.00	41.2%	59.2	0.187	1246	22.75	1430
CJLINE-1131-4/8T	C	S	NO	1.00	43.7%	61.9	0.186	1269	23.59	1456
CJLINE-1235-4T	C	S	NO	1.00	48.5%	63.1	0.330	2218	26.47	1354
CJLINE-1235-4/8T	C	S	NO	1.00	51.4%	66.2	0.350	2307	28.63	1408
CJLINE-1235-6T	C	S	NO	1.00	62.0%	83.7	0.089	1338	15.13	966
CJLINE-1640-4T	C	S	NO	1.00	47.8%	61.3	0.451	2214	35.73	1393
CJLINE-1640-4/8T	C	S	NO	1.00	50.5%	64.3	0.485	2311	38.90	1453
CJLINE-1640-6T	C	S	NO	1.00	55.9%	74.5	0.175	1785	20.18	959
CJLINE/H-1650-4T	C	S	NO	1.01	52.3%	61.4	1.399	4746	56.59	1462
CJLINE-1845-4T	C	S	NO	1.00	64.6%	75.7	0.863	5376	38.07	1436
CJLINE-1845-4/8T	C	S	NO	1.00	55.6%	66.0	1.015	5399	38.40	1442
CJLINE-1845-6T	C	S	NO	1.00	48.9%	63.6	0.383	3346	20.55	935
CJLINE/H-1856-4T	C	S	NO	1.01	53.3%	59.5	2.704	6685	79.17	1472
CJLINE-1856-6T	C	S	NO	1.00	49.0%	60.3	0.731	4768	27.62	909
CJLINE-1856-6/12T	C	S	NO	1.00	49.0%	60.3	0.799	4911	29.30	936
CJLINE-1856-8T	C	S	NO	1.00	46.4%	61.4	0.302	4441	11.59	701
CJLINE/H-2063-4T	C	S	NO	1.01	67.6%	71.6	4.336	9344	115.11	1473
CJLINE-2063-6T	C	S	NO	1.00	60.6%	71.2	1.001	4849	45.92	957
CJLINE-2063-6/12T	C	S	NO	1.00	53.8%	63.9	1.077	4776	44.57	943
CJLINE-2063-8T	C	S	NO	1.00	46.4%	59.3	0.488	3908	21.29	702
CJLINE/H-2271-4T	C	S	NO	1.01	61.5%	61.7	10.225	18767	123.11	1479
CJLINE-2271-6T	C	S	NO	1.00	56.1%	63.8	1.925	7551	52.49	967
CJLINE-2271-6/12T	C	S	NO	1.00	51.6%	59.0	2.149	7621	53.48	976
CJLINE-2271-8T	C	S	NO	1.00	48.9%	59.3	0.888	6062	26.31	713
CJLINE-2880-6T	C	S	NO	1.01	62.7%	68.1	3.351	12895	59.85	975
CJLINE-2880-6/12T	C	S	NO	1.01	54.4%	59.1	3.816	12845	59.39	971
CJLINE-2880-8T	C	S	NO	1.00	58.0%	65.5	1.774	10729	35.22	726

Facts internal Plug Fan

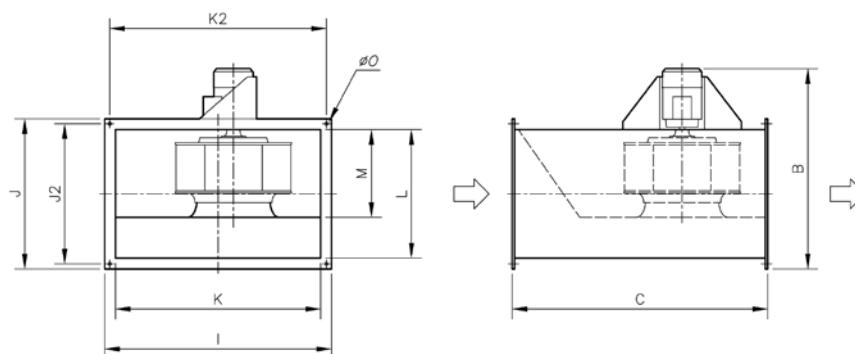
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
CJLINE 1131-4	42	51	57	56	60	60	52	46	CJLINE 1856-8	51	57	62	63	66	65	58	53
CJLINE 1131-8	27	36	42	41	45	45	37	31	CJLINE 1856-12	43	49	54	55	58	57	50	45
CJLINE 1235-4	49	58	64	63	67	66	59	53	CJLINE/H 2063-4	81	86	93	94	93	90	83	75
CJLINE 1235-6	43	52	58	57	61	60	53	47	CJLINE 2063-6	60	66	72	72	76	76	68	61
CJLINE 1235-8	34	43	59	48	52	51	44	38	CJLINE 2063-8	53	59	65	65	69	69	61	54
CJLINE 1640-4	56	62	67	68	71	73	65	59	CJLINE 2063-12	45	51	57	57	61	61	53	46
CJLINE 1640-6	49	55	60	61	64	66	58	52	CJLINE/H 2271-4	83	84	93	96	99	99	95	82
CJLINE 1640-8	41	47	52	53	56	58	50	44	CJLINE 2271-6	64	70	76	76	80	80	72	65
CJLINE/H 1650	64	74	82	84	83	85	76	66	CJLINE 2271-8	56	62	68	68	72	72	64	57
CJLINE 1845-4	60	66	71	72	75	77	69	63	CJLINE 2271-12	49	55	61	61	65	65	57	50
CJLINE 1845-6	52	58	63	64	67	69	61	55	CJLINE 2880-6	66	72	78	78	82	82	74	67
CJLINE 1845-8	45	51	56	57	60	62	54	48	CJLINE 2880-8	57	63	69	69	73	73	65	58
CJLINE 1856-6	58	64	69	70	73	72	65	60	CJLINE 2880-12	51	57	63	63	67	67	59	52
CJLINE/H 1856-4	69	77	91	87	90	90	85	71									

Dimensions in mm

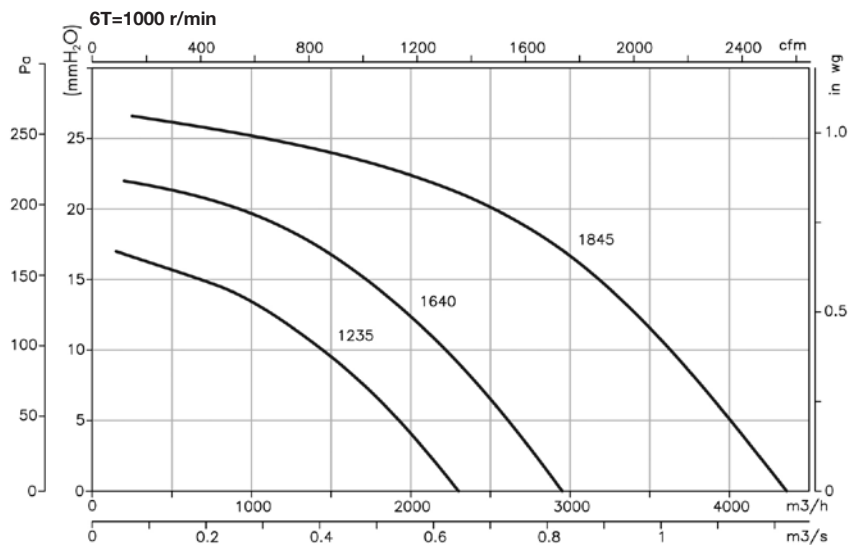
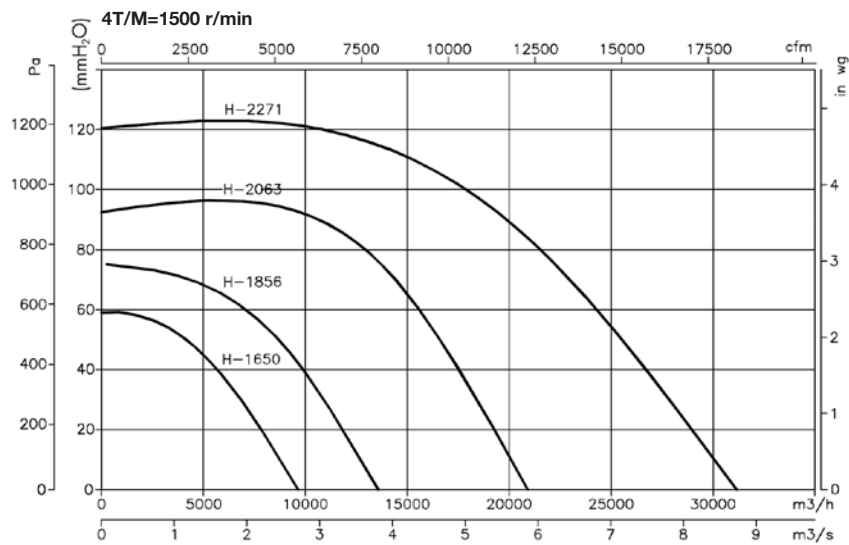
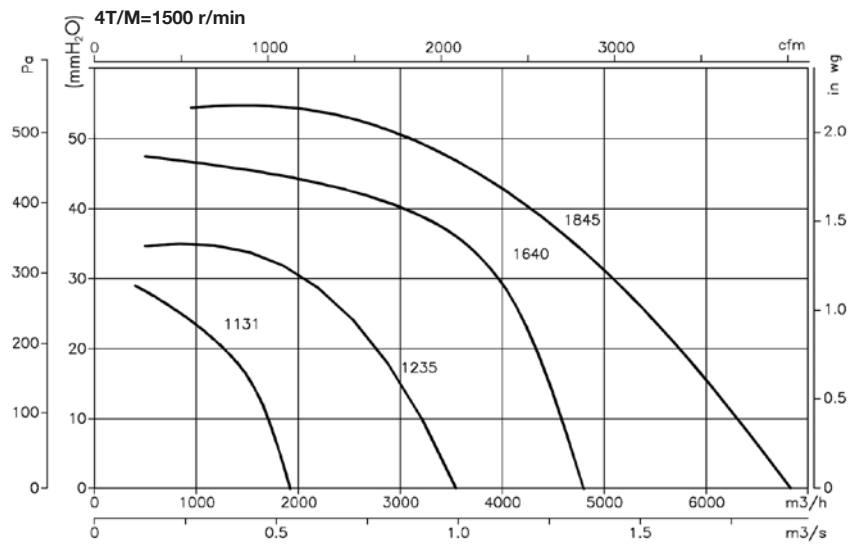


Model	B	C	I	J	J2	K	k2	L	M	ØO
CJLINE-1131	760	710	620	510	483	560	593	450	175	10
CJLINE-1235	830	800	680	560	533	620	653	500	213	10
CJLINE-1640	890	900	770	620	593	710	743	560	262	10
CJLINE-1650/H	942	1000	860	690	663	800	833	630	290	10
CJLINE-1845	1010	1000	860	690	663	800	833	630	290	10
CJLINE-1856	1280	1250	1060	860	833	1000	1033	800	378	10
CJLINE-1856/H	1150	1250	1060	860	833	1000	1033	800	378	10
CJLINE-2063	1390	1400	1205	980	938	1125	1163	900	378	12
CJLINE-2063/H	1320	1400	1205	980	938	1125	1163	900	378	12
CJLINE-2271	1470	1400	1270	980	938	1190	1228	900	378	12
CJLINE-2271/H	1518	1400	1270	980	938	1190	1228	900	378	12
CJLINE-2880	1590	1500	1330	1080	1038	1250	1288	1000	490	12

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

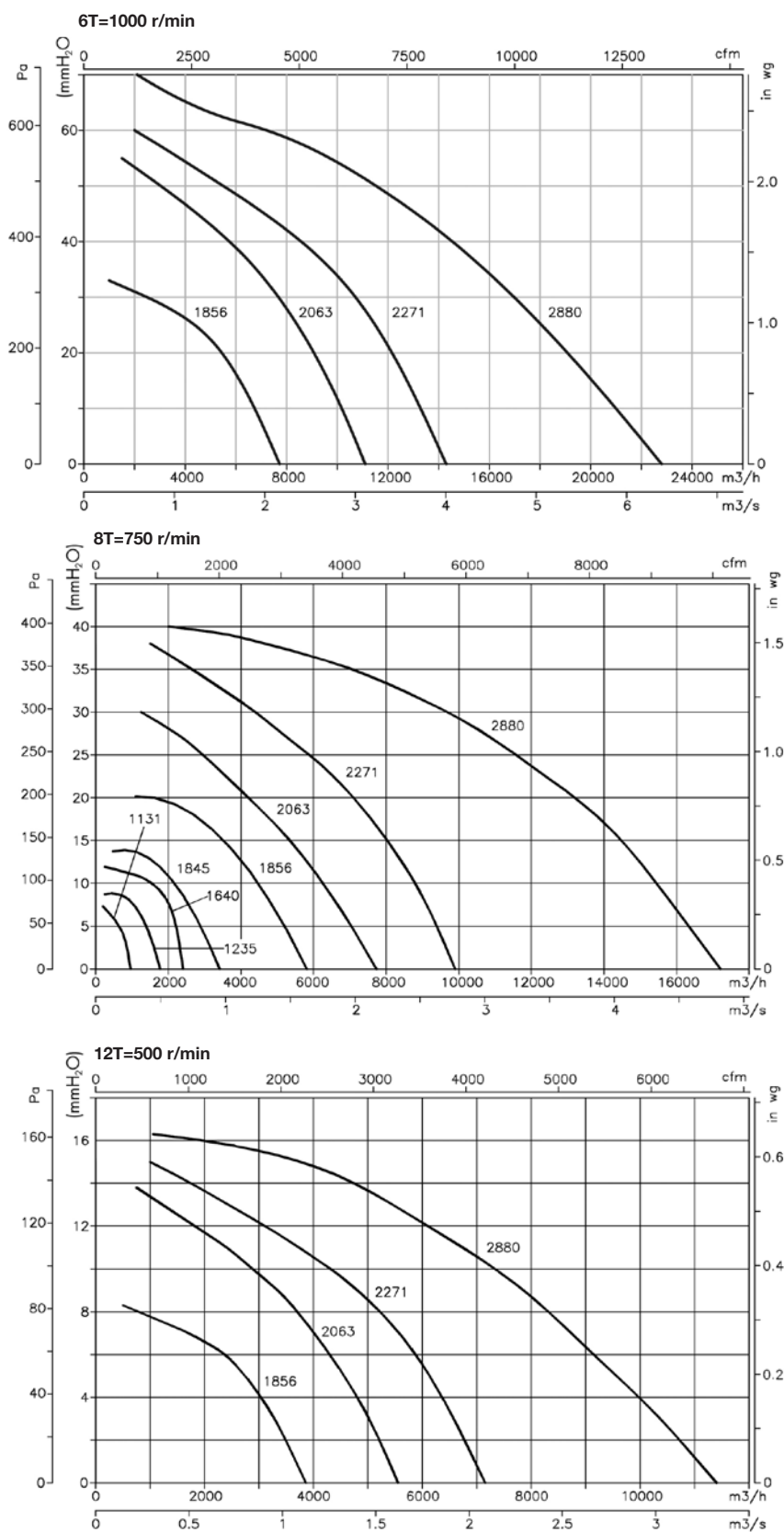
Pe = Static pressure in mmH₂O, Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe= Static pressure in mmH₂O, Pa and inwg.



Accessories

See accessories section

