CJLINE

- HIGH EFFICIENCY IE3 MOTORS
- ABLE TO OPERATE CONTINUOUSLY AT 120ºC
- CERTIFIED FOR 400ºC/2H OPERATION
- SPECIAL DESIGN TO FACILITATE CLEANING AND MAINTENANCE

SODECA®

CE ACCORDING ErP 2018

IN-LINE EXTRACT FAN UNITS

IE3 MOTORS

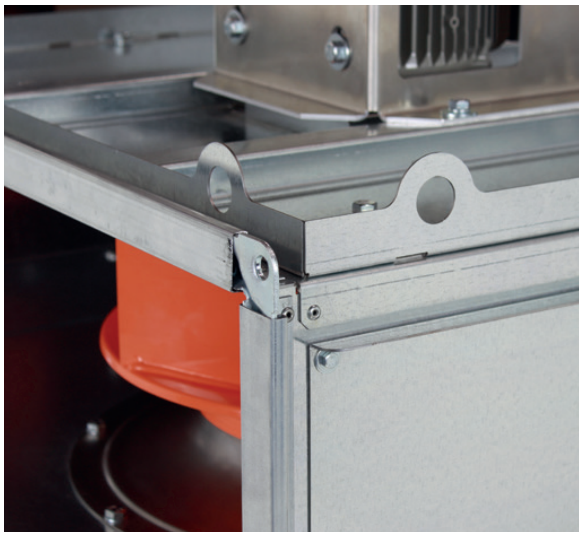
F.400

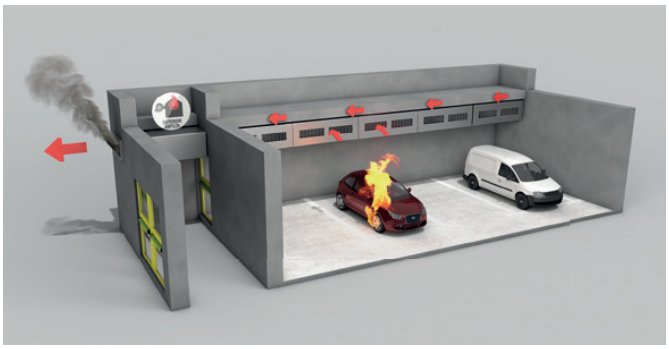
CJLINE

The CJLINE series has been designed for the **linear extraction of air or smoke** and can be installed in a horizontal or a vertical position.

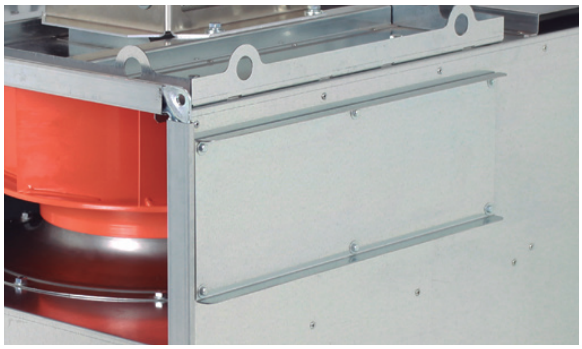
F.400

They are particularly suitable for the extraction of hot, grease-laden air in industrial kitchens, and are able to operate continuously at 120ºC and 400ºC/2h in accordance with **F-400 certification number 0370-CPR-0594**, based on European standard EN-12100-3.





The extract fan nozzle design for connection to rectangular ducts allows for fast, easy installation, and they can also be installed in car parks with rectangular ducts.



The fast access door makes it easy to maintain the unit and clean the impeller.

IE3 MOTORS

CE ACCORDING ErP 2018

The extract fans fitted with **IE3 motors and high performance impellers** that permit high efficiency values to be obtained.

CJLINE

400°C/2h air and smoke extract fan units with linear inlets and outlets

400ºC/2h and 120ºC continuous operation in-line extract fans units for outdoor operation in fire risk zones.

Fan:
- Galvanised sheet steel structure.
- Impeller with reaction blades made of sheet steel.
- Approved in accordance with standard EN 12101-3, with certificate no.: 0370-CPR-0594.
- 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 higher than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Three-phase 230/400V-50Hz. (up to 4kW) and 400/690V-50Hz (powers higher than 4kW).
- Maximum temperature of air to be carried: S1 continuous operation -20ºC +120ºC. S2 operation, 300ºC/2h and 400ºC/2h.

Finish:
- Anti-corrosive finish on galvanised sheet steel.

On request:
- Extract fans with 2-speed motors.

Order code

CJLINE	—	1640	—	6T	—	F-400
CJLINE: 400ºC/2h extract fan units with linear inlet and outlet		Impeller size		Number of motor poles 4=1400 r/min 50 Hz 6=900 r/min 50 Hz	T=Three-phase	F-400: 400°C/2h approved For S2 operation: 300°C/2h and 400°C/2h

Technical characteristics

Model	Speed	Max. admissible current (A)			Installed power	Max. flow rate	Sound pressure level	Approx. weight	According to ErP
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	dB(A)	(kg)	
CJLINE-1131-4T	1350	1.66	0.96		0.25	2000	51	58	2018
CJLINE-1235-4T	1350	1.66	0.96		0.25	2820	56	62	2018
CJLINE-1640-4T	1380	2.92	1.69		0.55	4450	61	76	2018
CJLINE/H-1650-4T IE3	1440	5.41	3.11		1.50	9860	74	118	2018
CJLINE-1845-4T IE3	1455	4.07	2.34		1.10	6300	65	87	2018
CJLINE-1845-6T	900	2.24	1.30		0.37	4360	57	81	2018
CJLINE/H-1856-4T IE3	1440	10.70	6.15		3.00	13580	77	170	2018
CJLINE-1856-6T IE3	940	3.36	1.93		0.75	8100	59	135	2018
CJLINE/H-2063-4T IE3	1465		10.30	5.97	5.50	22400	79	260	2018
CJLINE-2063-6T IE3	940	3.36	1.93		0.75	9900	61	188	2018
CJLINE-2271-6T IE3	950	6.43	3.70		1.50	13600	65	209	2018
CJLINE-2880-6T IE3	970	12.00	6.91		3.00	23700	67	275	2018

Erp. (Energy Related Products)

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

Acoustic characteristics

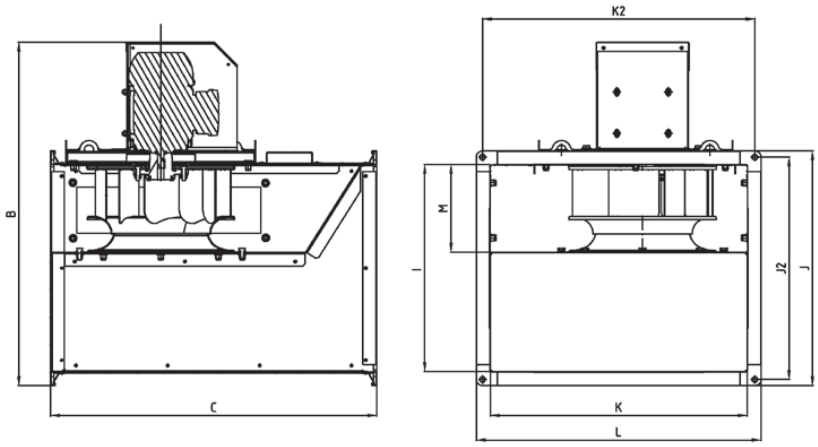
The indicated values are determined by measuring the sound pressure level and sound power in dB(A) obtained in a free field at a distance equivalent to twice the size of the fan plus the impeller diameter, with a minimum of 1.5 m.

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

Model	63	125	250	500	1000	2000	4000	8000
CJLINE-1131-4T	42	51	57	56	60	60	52	46
CJLINE-1235-4T	49	58	64	63	67	66	59	53
CJLINE-1640-4T	56	62	67	68	71	73	65	59
CJLINE/H-1650-4T IE3	64	74	82	84	83	85	76	66
CJLINE-1845-4T IE3	60	66	71	72	75	77	69	63
CJLINE-1845-6T	52	58	63	64	67	69	61	55

Model	63	125	250	500	1000	2000	4000	8000
CJLINE/H-1856-4T IE3	69	77	91	87	90	90	85	71
CJLINE-1856-6T IE3	58	64	69	70	73	72	65	60
CJLINE/H-2063-4T IE3	81	86	93	94	93	90	83	75
CJLINE-2063-6T IE3	60	66	72	72	76	76	68	61
CJLINE-2271-6T IE3	64	70	76	76	80	80	72	65
CJLINE-2880-6T IE3	66	72	78	78	82	82	74	67

Dimensions mm



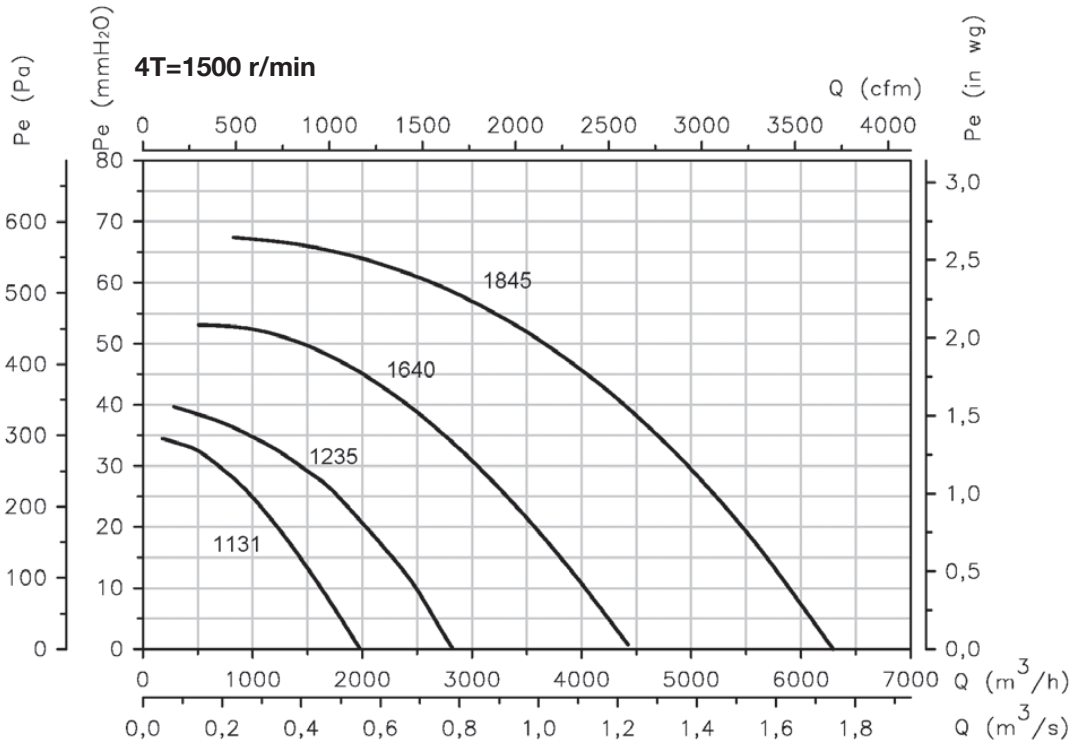
Model	B	C	I	J	J2	K	K2	L	M	ØO
CJLINE-1131	750	710	450	510	483	560	593	620	195	12
CJLINE-1235	790	800	500	560	533	620	653	680	223	12
CJLINE-1640	890	900	560	620	593	705	743	770	245	12
CJLINE/H-1650	1015	1000	630	690	663	800	833	860	338	12
CJLINE-1845	1015	1000	630	690	663	800	833	860	278	12
CJLINE-1856	1185	1250	800	860	833	1000	1033	1060	348	12
CJLINE/H-1856	1220	1250	800	860	833	1000	1033	1060	348	12
CJLINE-2063	1295	1400	900	980	940	1120	1165	1205	410	14
CJLINE/H-2063	1480	1400	900	980	940	1120	1165	1205	410	14
CJLINE-2271	1350	1400	900	980	940	1190	1230	1270	470	14
CJLINE-2880	1580	1500	1000	1080	1040	1250	1290	1330	510	14

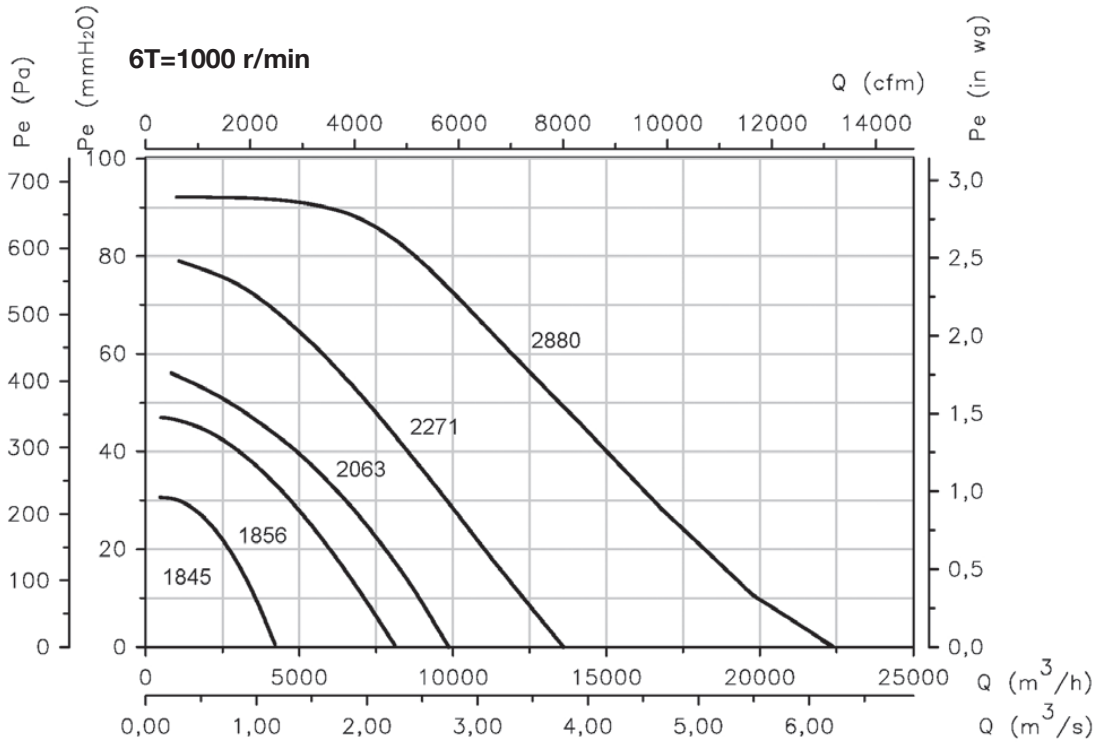
Accessories

INT CABLE BOX C2V AET CENTRAL CO VSD TAC VIS

Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mmH2O, Pa and inwg.





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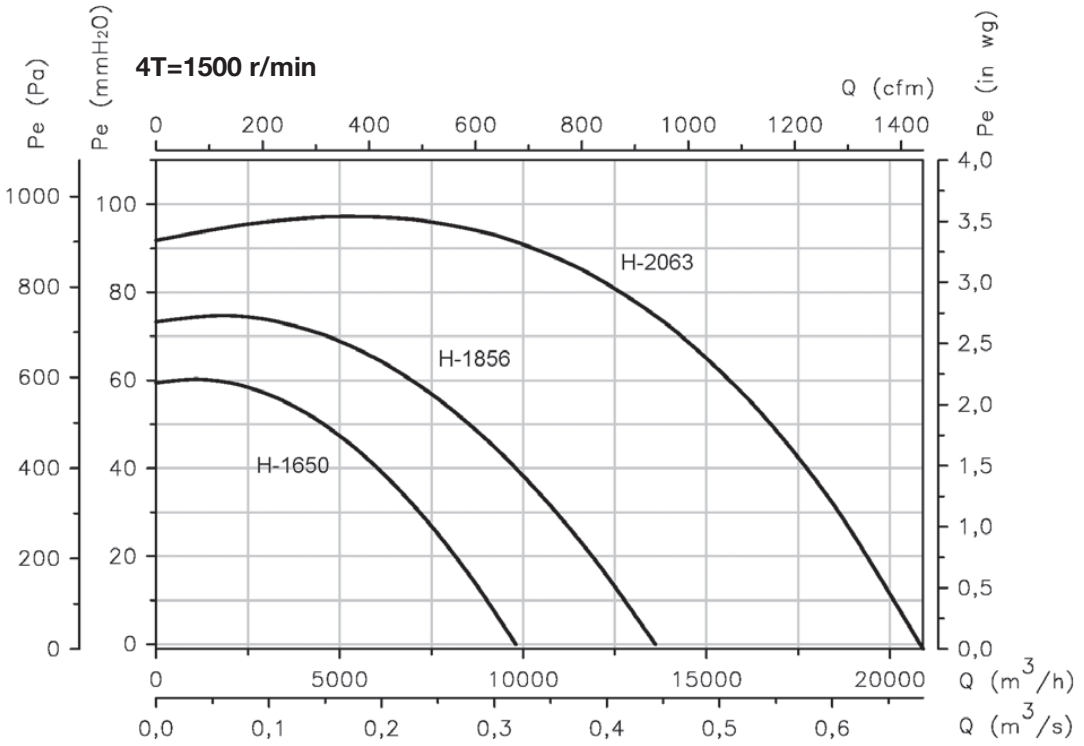

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ISO 9001 BUREAU VERITAS Certification

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