

VORTICE LINEO 250 QUIET (17165)

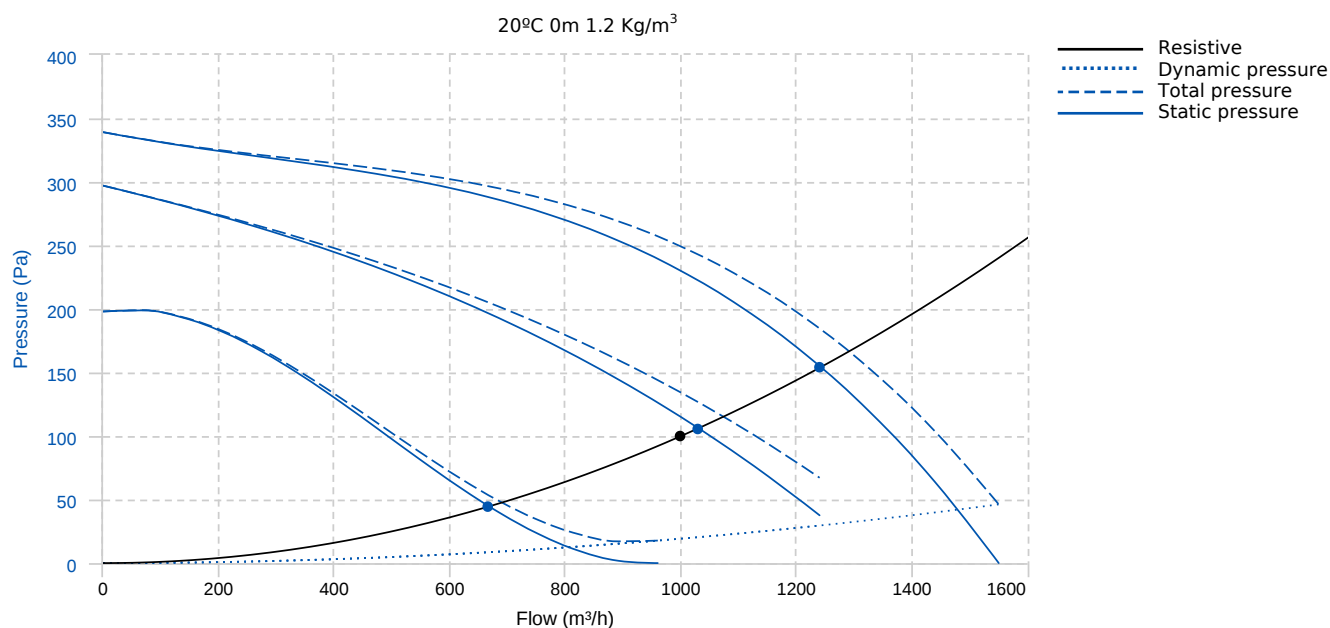
GENERAL DATA



Sound-proof mixed flow extractor fans

Fire resistant plastic resin construction, class E2, according to ISO EN 11925-2:2010, in the areas facing the motor and electrical components.
Integral sound-absorbing casing, optimised to minimise the sound emissions radiated into the room and transmitted through the intake and discharge ducts.
Thermally protected induction motor with shaft mounted on ball bearings, combined with a helical-centrifugal impeller. High degree of water resistance: IPX5 (when installed in a duct).
Speed controllable by Vortice controllers.

PERFORMANCE CURVE



Design point

Flow (m³/h)

1000

Pressure (Pa)

100

Service point

	med	min	max		med	min	max
T.max (°C)	50	50	50	Speed (m/s)	5.83	3.78	7.03
Q (m³/h)	1030.25	668.03	1242.02	Fan total efficiency	24.22	10.17	36.33
Ps (Pa)	106.14	44.63	154.26	Pabs (kW) 1.2 kg/m³	0.15	0.1	0.17
Pd (Pa)	20.41	8.58	29.66	SFP (W/l/s) 1.2 kg/m³	0.51	0.53	0.49
Pt (Pa)	126.55	53.21	183.92				

TECHNICAL DATA

Fan

Approx. weight	13.4 kg	Max. Flow	1550 m³/h
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ACOUSTIC DATA (INLET)



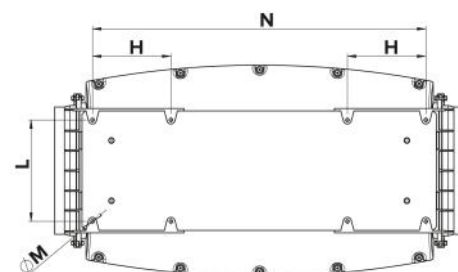
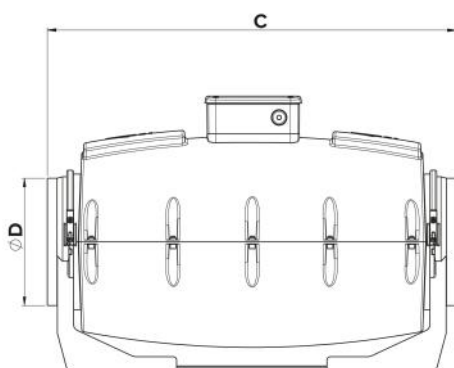
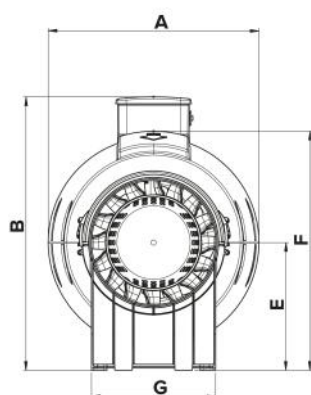
Sound power

	med	min	max
125 Hz	51	46	53
250 Hz	56	52	59
500 Hz	58	52	62
1000 Hz	61	56	64
2000 Hz	63	56	66
4000 Hz	61	53	65
8000 Hz	51	42	56
TOTAL	68	61	71

Sound pressure 3m Q=2

	med	min	max
125 Hz	33	28	36
250 Hz	38	35	41
500 Hz	41	35	44
1000 Hz	44	38	47
2000 Hz	45	38	48
4000 Hz	44	36	47
8000 Hz	34	24	39
TOTAL	50	44	53

DIMENSIONS



Dimensions (mm)

A	318	B	412	C	751.5	E	189.5	F	363.5
G	200	H	70	L	170	N	604.5	ØD	243
ØM	6.5								

WIRING DIAGRAM

FOR ELECTRICAL SCHEMES
PLEASE SEE THE USER MANUAL

ACCESSORIES



**SENSOR
C TEMP (temperature sensor)**
REF: 12992



**SENSOR
C SMOKE (smoke sensor)**
REF: 12993



**SENSOR
C HCS (humidity sensor)**
REF: 12994



**SENSOR
C PIR (passive infrared sensor)**
REF: 12998



**SENSOR
C TIMER**
REF: 12999



**Controller
C 2.5 (electronic speed controller)**
REF: 12967



Controller
TRIO LINEO 503
REF: 12891