

VORTICE LINEO 200 QUIET (17164)

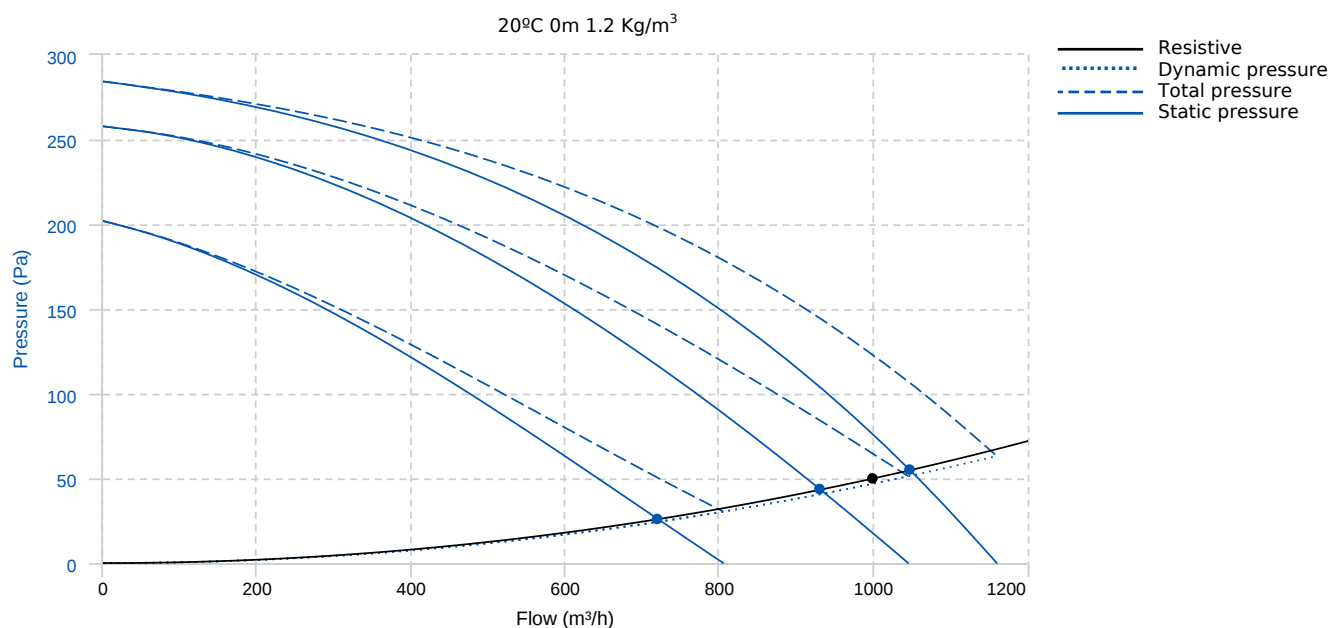
GENERAL DATA



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)	50
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Service point

	max	med	min		max	med	min
T.max (°C)	50	50	50	Speed (m/s)	9.26	8.24	6.37
Q (m³/h)	1047.21	931.05	720.31	Fan total efficiency	27.14	21.62	12.54
Ps (Pa)	54.83	43.34	25.94	Pabs (kW) 1.2 kg/m³	0.11	0.1	0.08
Pd (Pa)	51.48	40.69	24.35	SFP (W/l/s) 1.2 kg/m³	0.39	0.39	0.4
Pt (Pa)	106.31	84.03	50.3				

TECHNICAL DATA

Fan

Approx. weight	8.6 kg	Max. Flow	1160 m³/h
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ACOUSTIC DATA (INLET)



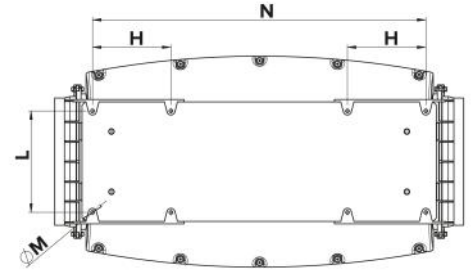
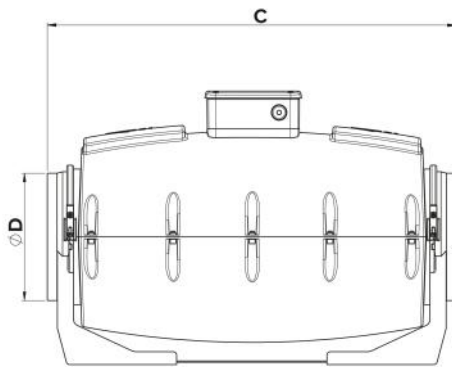
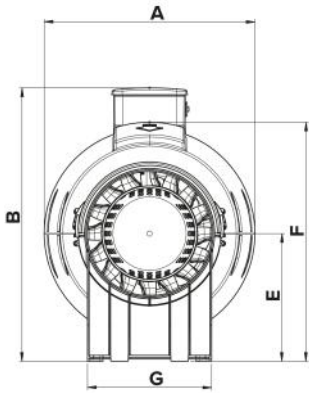
Sound power

	max	med	min
125 Hz	51	48	43
250 Hz	54	52	49
500 Hz	56	54	49
1000 Hz	60	57	51
2000 Hz	58	55	49
4000 Hz	60	57	51
8000 Hz	53	50	40
TOTAL	66	63	57

Sound pressure 3m Q=2

	max	med	min
125 Hz	34	31	26
250 Hz	37	34	32
500 Hz	39	36	31
1000 Hz	42	40	34
2000 Hz	40	37	32
4000 Hz	42	40	33
8000 Hz	36	32	23
TOTAL	48	45	40

DIMENSIONS



Dimensions (mm)

A	322.5	B	417.5	C	625.5	E	195	F	363.5
G	190	H	120	L	155	N	510	ØD	194.5
ØM	5.5								

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 1.5 (electronic speed controller)**
REF: 12966



Controller
C 5 0,5 (5 speed controller)
REF: 12987



Controller
TRIO LINEO 503
REF: 12891