

VORTICE LINEO 150 QUIET (17162)

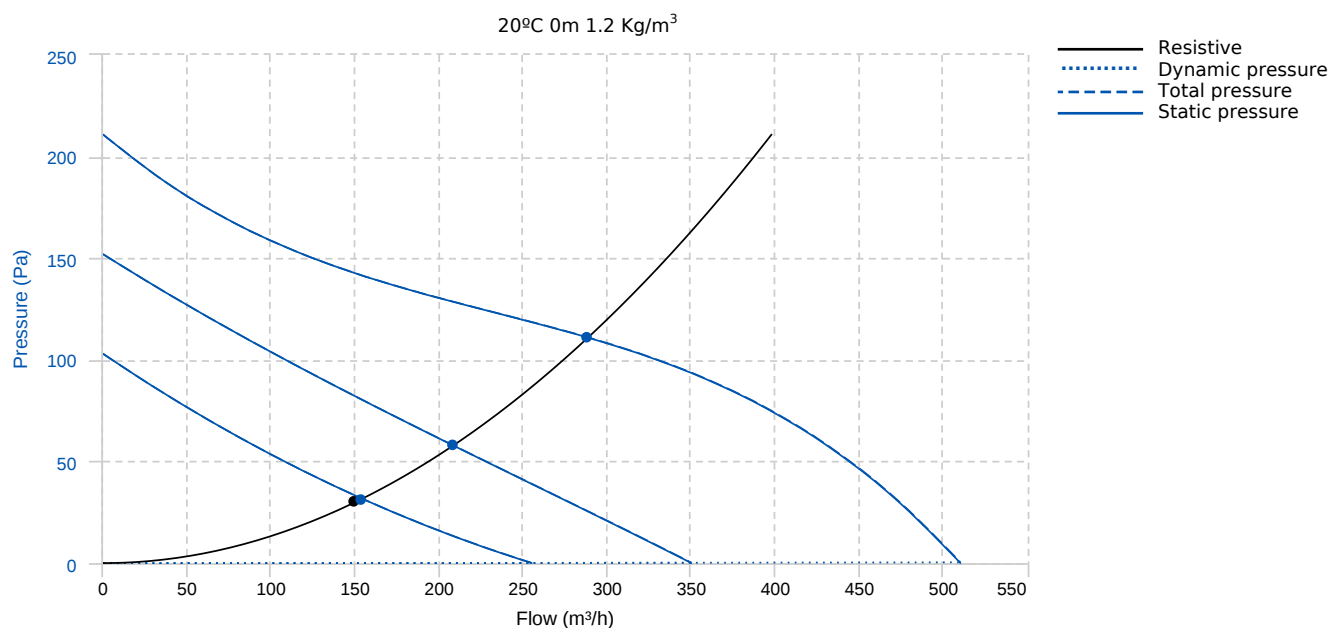
GENERAL DATA



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)	150	Pressure (Pa)	30
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Service point

	min	max	med		min	max	med
T.max (°C)	55	55	55	Speed (m/s)	0.24	0.45	0.33
Q (m³/h)	154.14	288.41	208.31	Fan total efficiency	5.79	19.78	9.58
Ps (Pa)	31.68	110.91	57.86	Pabs (kW) 1.2 kg/m³	0.02	0.05	0.04
Pd (Pa)	0.04	0.12	0.06	SFP (W/l/s) 1.2 kg/m³	0.55	0.58	0.61
Pt (Pa)	31.71	111.03	57.92				

TECHNICAL DATA

Fan

Approx. weight	5.4 kg	Max. Flow	510 m³/h
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ACOUSTIC DATA (INLET)



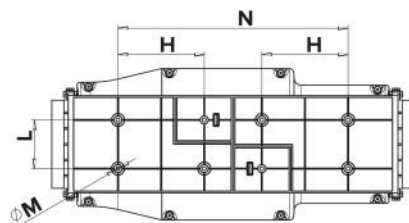
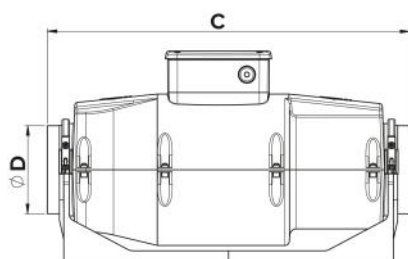
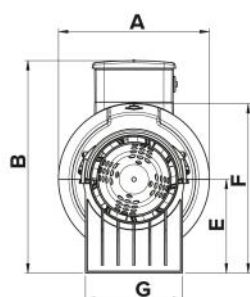
Sound power

	min	max	med
125 Hz	33	43	36
250 Hz	33	51	42
500 Hz	33	50	42
1000 Hz	33	52	42
2000 Hz	29	53	43
4000 Hz	26	48	36
8000 Hz	22	43	29
TOTAL	40	58	48

Sound pressure 3m Q=2

	min	max	med
125 Hz	16	26	18
250 Hz	15	33	25
500 Hz	16	32	24
1000 Hz	15	35	24
2000 Hz	12	36	25
4000 Hz	8	31	18
8000 Hz	4	25	12
TOTAL	22	41	31

DIMENSIONS



Dimensions (mm)

A	232	B	320.5	C	685	E	145	F	261.5
G	170	H	132	L	85	N	360	ØD	147
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