

VORTICE LINEO 125 QUIET (17161)

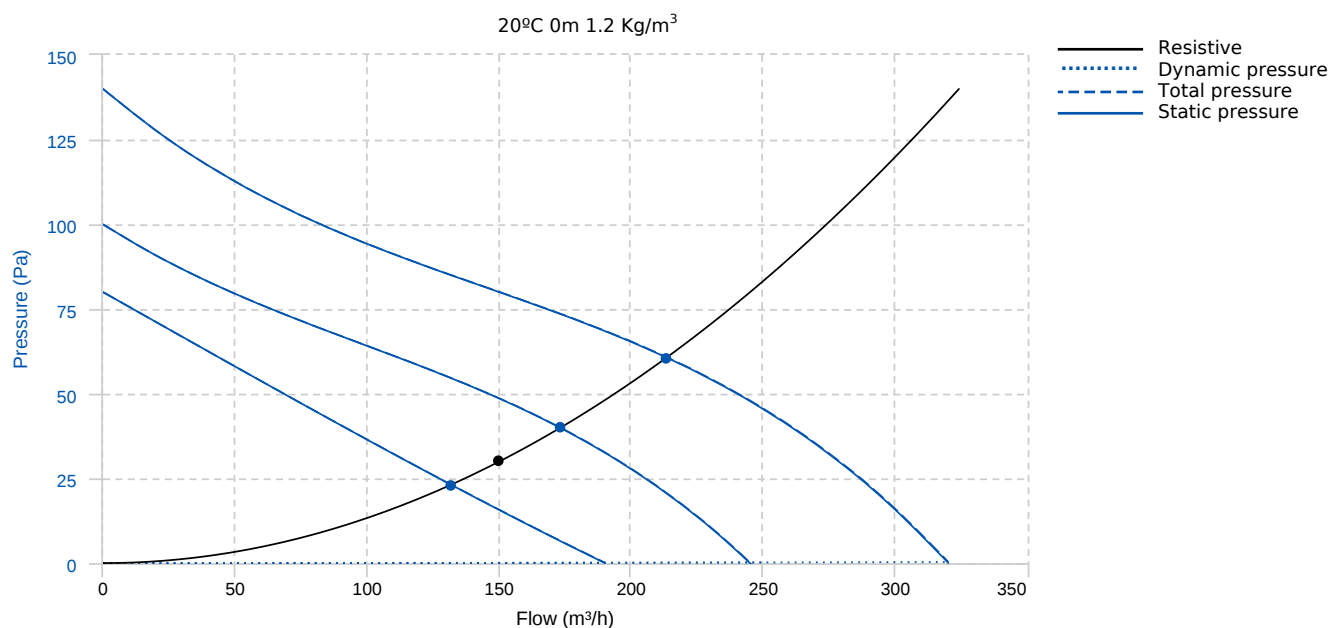
GENERAL DATA



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
-------------	-----	---------------	----

Service point

	med	min	max		med	min	max
T.max (°C)	45	45	45	Speed (m/s)	0.39	0.3	0.48
Q (m³/h)	173.04	131.71	213.29	Fan total efficiency	7.91	7.71	13.42
Ps (Pa)	39.92	23.13	60.66	Pabs (kW) 1.2 kg/m³	0.02	0.01	0.03
Pd (Pa)	0.09	0.05	0.14	SFP (W/l/s) 1.2 kg/m³	0.51	0.3	0.46
Pt (Pa)	40.02	23.18	60.8				

TECHNICAL DATA

Fan

Approx. weight	3.6 kg	Max. Flow	320 m³/h
----------------	--------	-----------	----------

ACOUSTIC DATA (INLET)



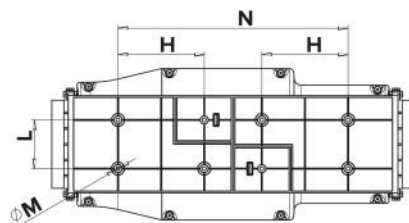
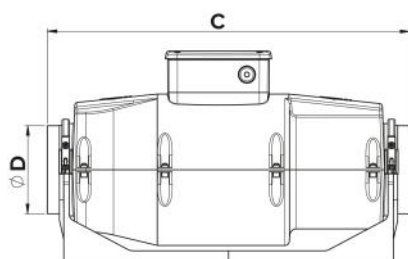
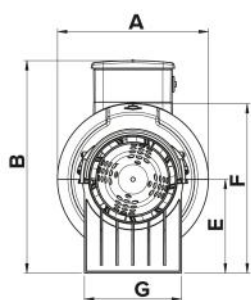
Sound power

	med	min	max
125 Hz	28	31	33
250 Hz	39	31	49
500 Hz	40	33	45
1000 Hz	37	29	44
2000 Hz	37	29	46
4000 Hz	29	26	38
8000 Hz	24	27	34
TOTAL	44	39	52

Sound pressure 3m Q=2

	med	min	max
125 Hz	10	14	15
250 Hz	21	13	31
500 Hz	22	15	27
1000 Hz	19	12	27
2000 Hz	19	12	28
4000 Hz	11	9	20
8000 Hz	6	10	16
TOTAL	27	22	35

DIMENSIONS



Dimensions (mm)

A	210	B	294.5	C	504.5	E	130	F	235
G	135	H	120	L	67.5	N	320	ØD	122
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