



VENT-NK / VENT-N

5145887900 - VENT-315NK (220-240V50/60HZ) N8 - IN-LINE DUCT FANS

In-line duct centrifugal fan, manufactured from high grade corrosion resistant pressed galvanized steel. Motor , [FASE_MOTOR], external rotor with thermal protector. Model VENT-315NK (220-240V50/60HZ) N8 for an airflow 882 cfm and static pressure 0,460 Pa.

Theoretical Working Point

Airflow	650 cfm
Static Pressure	0,250 Pa
Temperature	20 °C
Altitude	0 m
Density	1,2 kg/m ³
Frequency	60 Hz

Working Point

Airflow	882 cfm
Static Pressure	0,460 Pa
Dynamic pressure	17,1 Pa
Total Pressure	17,6 Pa
Input power	0,282 kW
Outlet speed	5,3 m/s
Fan speed	3136 rpm
Specific Fan Power	0,68 W/l/s
Specific Fan Power reg	0,43 W/l/s

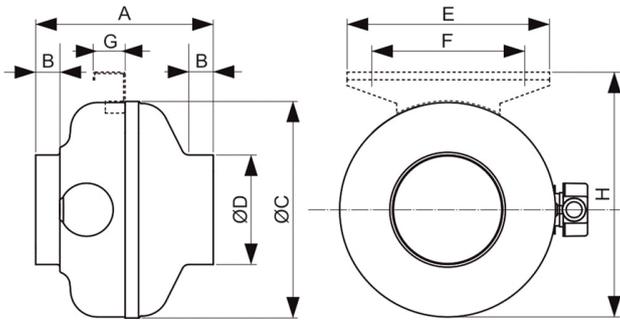
Construction

Discharge diameter	315 mm
Weight	7,65 kg

Motor Characteristics

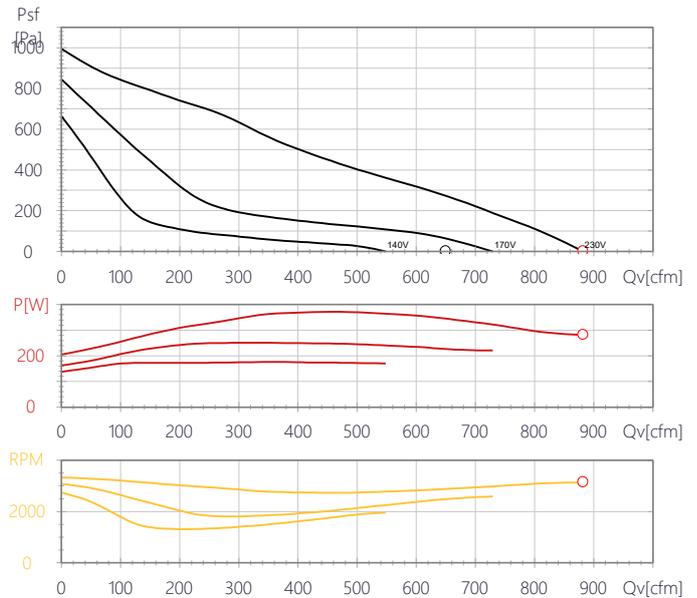
Number of poles	2
Voltage	1-230V-60Hz
Maximum absorbed current	1,6 A
Motor insulation class	

Drawing (mm)



A	B	C	D	E	F	G	H
232	25	401	312	225	170	35.5	438

Performance Chart



Sound Performance

	63	125	250	500	1k	2k	4k	8k	Overall
Inlet (LwA)	36	57	69	74	79	75	72	72	83
Inlet LpA @ 1,5m	22	43	55	60	64	61	58	57	68
Outlet (LwA)	44	55	69	78	80	78	74	72	84
Outlet LpA @ 1,5m	30	40	55	63	65	64	59	57	70



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ErP Data

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
Product description	VENT-315NK (220-240V50/60HZ) N8
Manufacturer's Info	S&P
Identifier	-
Typology	NRVU unidirectional
Drive	VSD
Type of HRC	None
Thermal efficiency (%)	NA
Qnom (m3/s)	0,22
Pelec (kW)	0,25
SFPint (W/m3/s)	NA
Face velocity (m/s)	1,8
$\Delta ps,ext$ (Pa)	391,3
$\Delta ps,int$ (Pa)	NA
$\Delta ps,add$ (Pa)	NA
Static efficiency fans (%)	45,4
External leakage rate (%)	3
Internal leakage rate (%)	NA
Filter performance	NA
Filter warning	NA
LWA dB(A)	61
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