



VENT-100 NK to VENT-315 NK



VENT-355N and VENT-400N

Range of in-line duct centrifugal fans, manufactured from high grade corrosion resistant pressed galvanised steel and supplied as standard with a terminal box and a robust mounting foot. All models include an enclosed type, single-phase external rotor motor with factory matched backward curved nonstalling impeller.

(1) Models 355 and 400 are manufactured in sheet steel protected against corrosion by cataforesis primer and black polyester paint finish.

Motors

100NK - 160NK models: Motors are IP44, class B insulation with ball bearings and safety thermal overload protection.

200NK - 315NK models: motors are IP44, class F insulation with ball bearings and safety thermal overload protection.

355N and 400N models: Motors are IP54, class F, with ball bearings and safety thermal overload protection.

Electrical supply:

Single phase 230V-50/60Hz.

Three phase 230/400V-50Hz
(models 355N-T and 400N-T).

[See characteristics chart].

All single-phase models are speed controllable by tension.

The three-phase models are speed controllable by frequency inverter

Additional Information

Impellers from 100 to 250 models are manufactured from injection moulded plastic.



Mounting foot

Supplied with unit as standard (100NK - 315NK models).

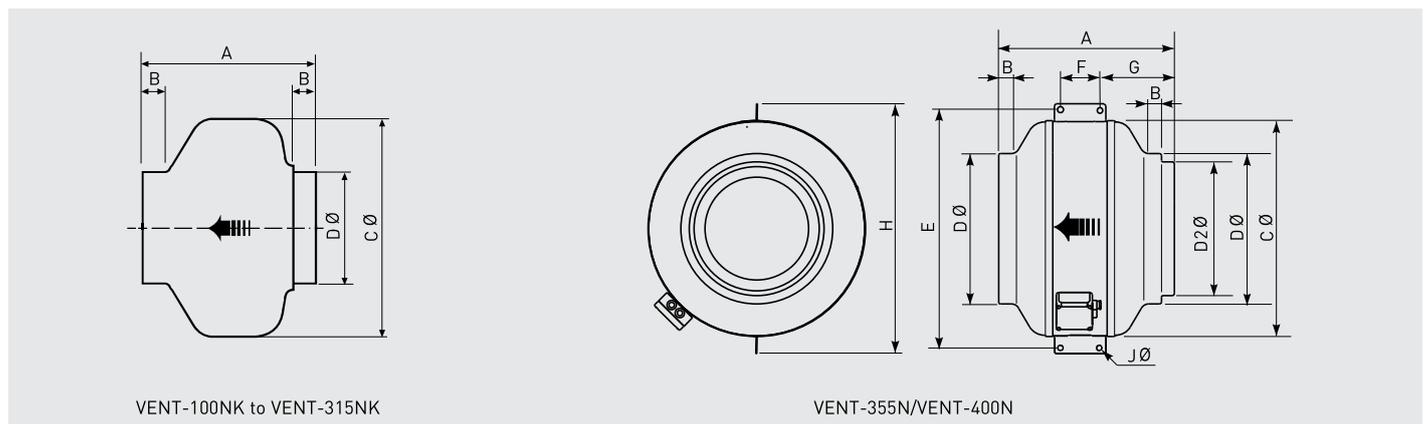
TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model	Voltage (V-Hz)	Speed (rpm)	Maximum absorbed power (W)	Maximum absorbed current (A)	Maximum airflow (m ³ /h)	Sound pressure level* (dB(A))			Maximum ambient temperature (°C)	Weight (kg)
						Inlet	Outlet	Radiated		
VENT-100NK	230-50/60	2600	61	0,3	290	56	54	44	-40/+60	3
VENT-125NK	230-50/60	2620	60	0,3	390	57	54	42	-40/+60	3
VENT-150NK	230-50/60	2550	95	0,4	750	59	56	42	-40/+60	5
VENT-160NK	230-50/60	2560	96	0,4	760	59	55	42	-40/+60	5
VENT-200NK	230-50/60	2720	147	0,6	970	60	58	43	-40/+60	5
VENT-250NK	230-50/60	2720	149	0,6	1.030	62	61	50	-40/+60	6
VENT-315NK	230-50/60	2790	257	1,1	1.370	65	64	48	-40/+60	8
VENT-355N	230-50/60	1404	287	1,2	2.690	58	61	40	-40/+70	18,8
VENT-400N	230-50/60	1380	536	2,3	3.890	59	63	49	-40/+50	22,2
VENT-355N T	230/400-50	1370	270	1,1/0,6	2.640	58	60	43	-40/+70	17
VENT-400N T	230/400-50	1370	492	1,9/1,1	3.830	60	62	47	-40/+50	22

* Sound pressure level in dB(A) measured at 1,5m, in free field condition, at the maximum air volume.

DIMENSIONS (mm)



VENT-100NK to VENT-315NK

VENT-355N/VENT-400N

Model	A	B	C	D	D2	E*	F*	G*	H*	J*
VENT-100 NK	195	23	243	98						
VENT-125 NK	197	27	243	123						
VENT-150 NK	213	22	333	147						
VENT-160 NK	220	27	333	157						
VENT-200 NK	223	25	333	198						
VENT-250 NK	205	27	333	248						
VENT-315 NK	232	25	401	312						
VENT-355 N	410	25	508	354	314	552	100	170	587	10,5
VENT-400 N	431	25	568	399	354	628	100	185	647	10,5

* Support brackets supplied in the packaging, not fitted on the fan.