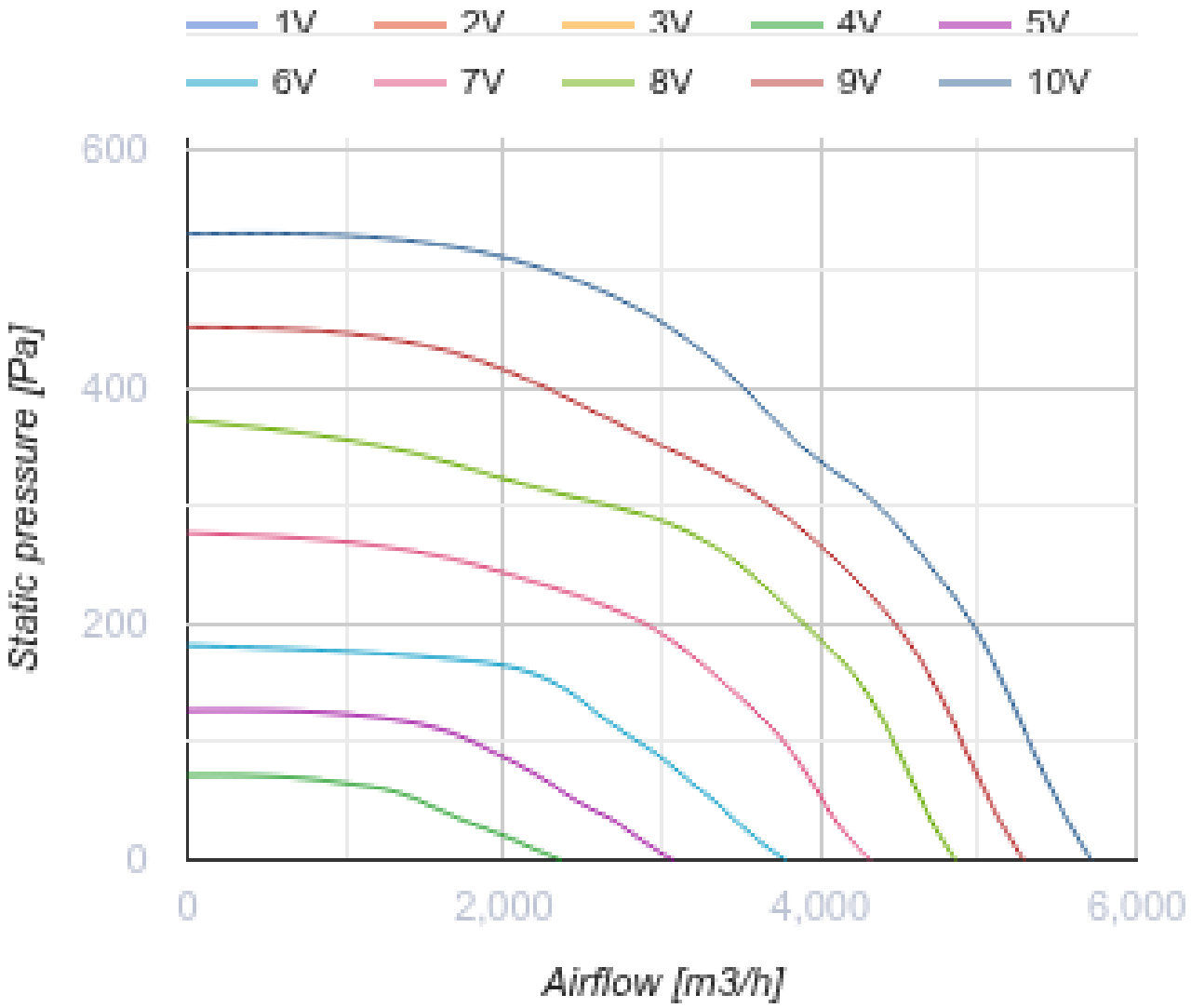
VKPI 700x400 M1 EC

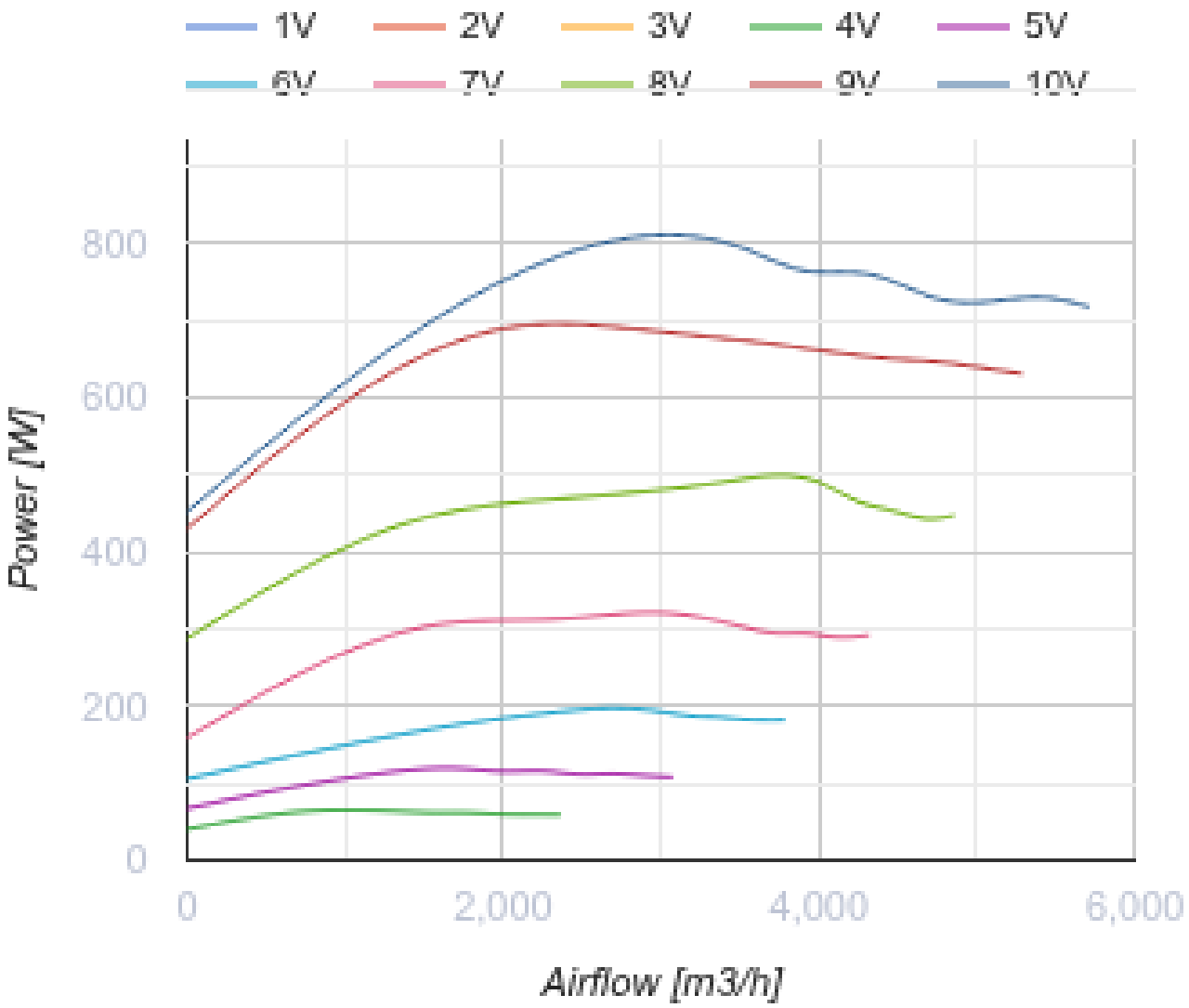
Centrifugal inline fans with backward curved blades in sound-insulated casing with EC-motors



- Sound pressure level LpA at 3 m: 37
- Sound-insulated casing
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Galvanized steel
- Installation in any position

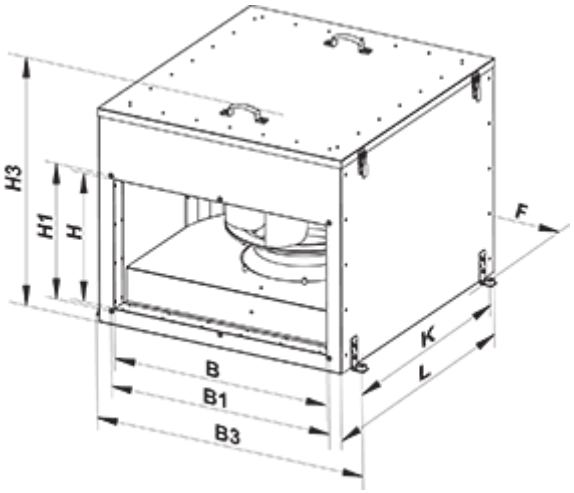
	Unit of measurement	VKPI 700x400 M1 EC
Connected air duct size	mm	700x400
Phases	-	1
Maximum supply voltage	V	230
Minimum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	795
Unit current	A	3.48
Maximum airflow	m³/h	5710
Rotation speed at 50hz	-	1400
Sound pressure level LpA at 3 m	dB(A)	37
Weight	kg	82.6
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP54
Impeller material	-	Aluminium


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
600
400
200
0
Static pressure [Pa]
0
2,000
4,000
6,000
Airflow [m3/h]



Dimensions

B	B1	B3	H	H1	H3	L	F	K
700	720	883	400	420	714	882	855	742



Accessories

For rectangular ducts

Name	Photo	Description
SR 700x400		Plate silencer for installation in rectangular ducts

For rectangular ducts

Name	Photo	Description
FB 700x400		Rectangular panel air filters
FBK 700x400-4		Rectangular bag air filters
FBK 700x400-5		Rectangular bag air filters
FBK 700x400-7		Rectangular bag air filters

For rectangular ducts

Name	Photo	Description
VVG 700x400		Flexible anti-vibration inserts for round air ducts

Water heaters

Name	Photo	Description

NKV 700x400-2		Inline water supply air heaters or heater for air handling units with a rectangular cross-section
NKV 700x400-3		Inline water supply air heaters or heater for air handling units with a rectangular cross-section

Electrical heaters

Name	Photo	Description
NK 700x400-18,0-3		Rectangular electric inline heaters
NK 700x400-27,0-3		Rectangular electric inline heaters
NK 700x400-36,0-3		Rectangular electric inline heaters

Airflow regulators

Name	Photo	Description
RRV 700x400		Air flow controllers

Water coolers

Name	Photo	Description
OKW 700x400-3		Rectangular inline water coolers

Freon coolers

Name	Photo	Description
OKF 700x400-3		Rectangular inline direct evaporative coolers

Ecodesign

Trademark	Vents
Model	VKPI 700x400 M1 EC
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	145
Maximum external leakage rates (%)	2.7
Static efficiency (%)	57.5
Declared typology	NRVU UVU
Effective electric power input (kW)	0.194
Sound power level (dB(A))	57