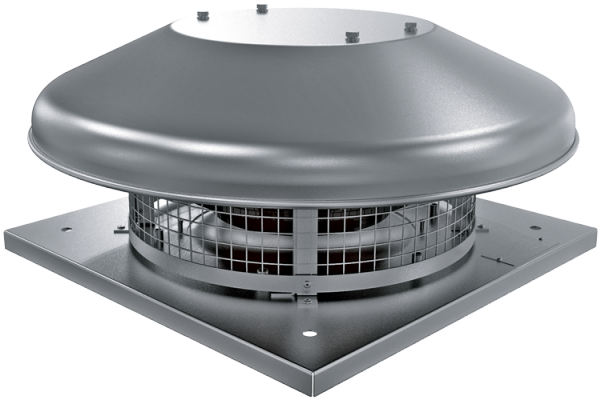
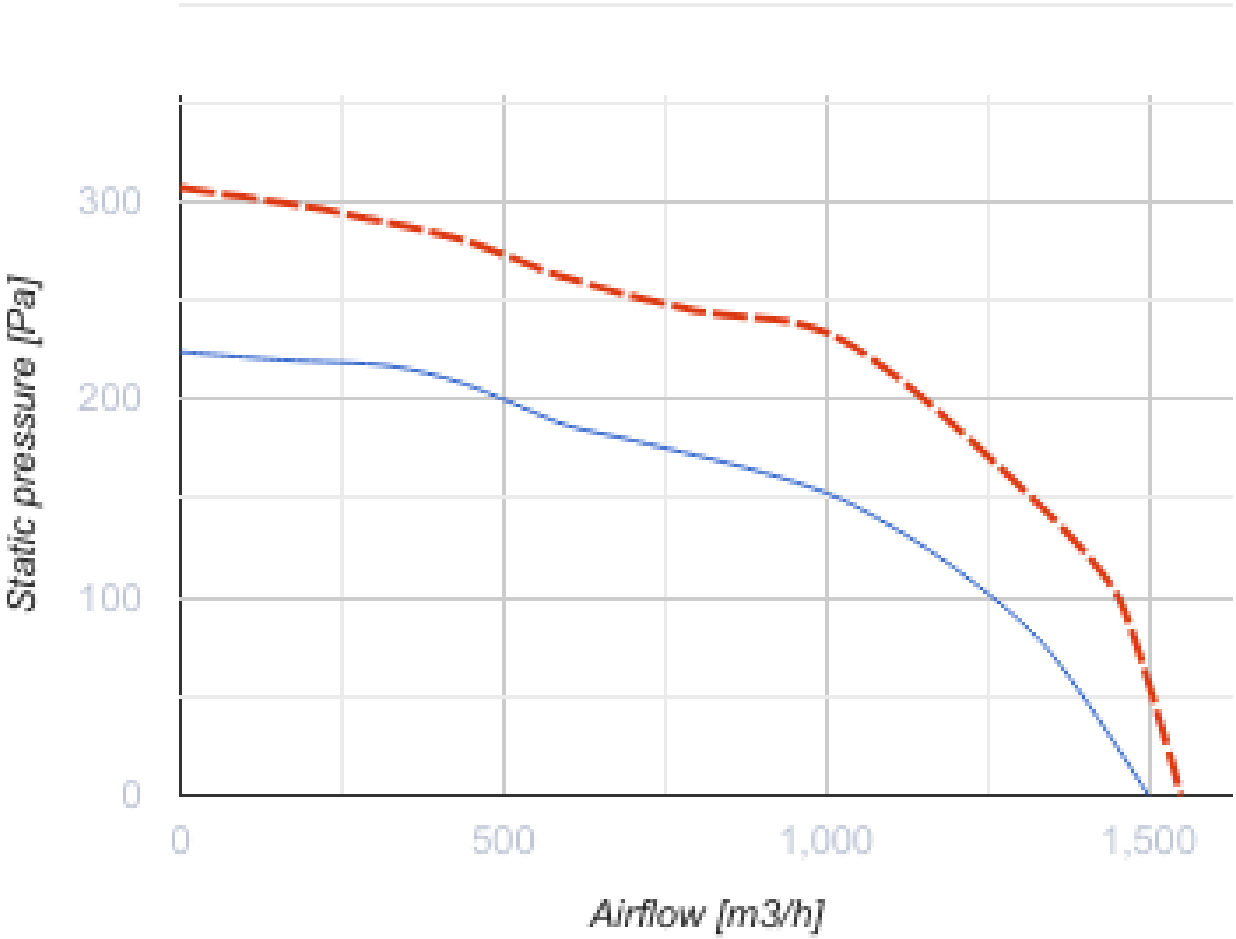
VKHCA 4E 280

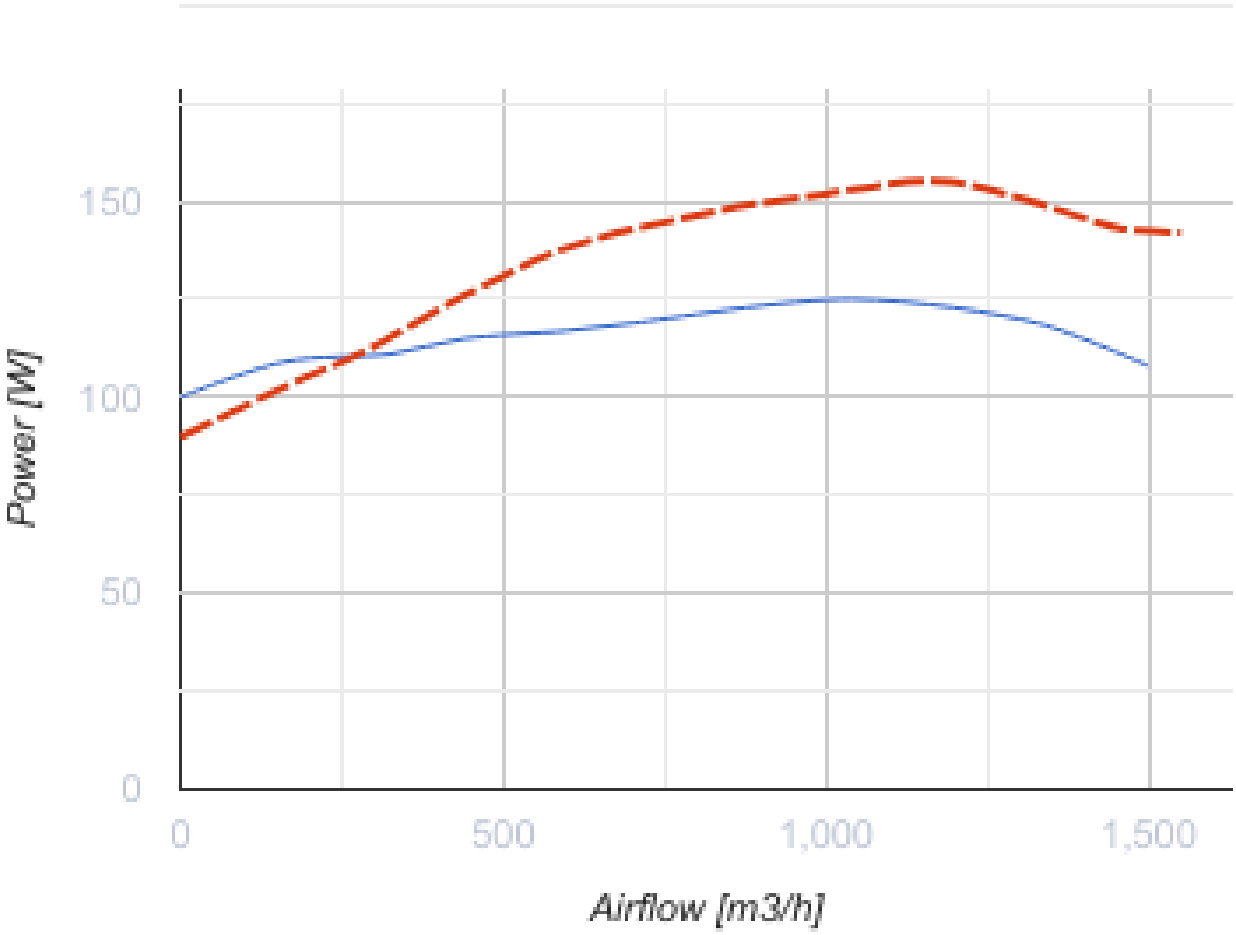
Roof centrifugal fans

- Maximum airflow: 1500
- Sound pressure level LpA at 3 m: 46
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Aluminium



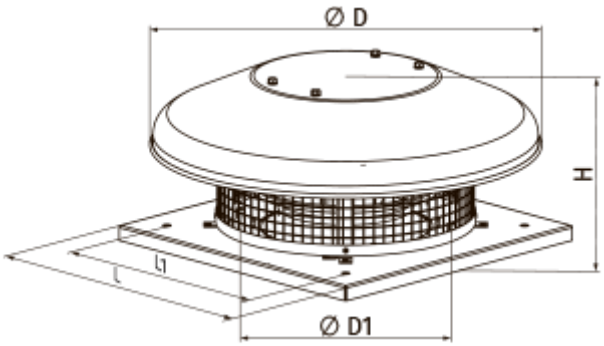
	Unit of measurement	VKHCA 4E 280	
Speed	-	1	
Phases	-	1	
Minimum supply voltage	V	230	
Maximum supply voltage	V	230	
Power supply frequency	Hz	50	60
Rated power	W	125	
Unit current	A	0.61	
Maximum airflow	m^3/h	1500	
rotation speed at 50hz	-	1446	
Sound pressure level LpA at 3 m	dB(A)	46	
Weight	kg	10	
Transported air temperature (max)	°C	50	
Transported air temperature (min)	°C	-25	
Ingress protection rating	-	IPX4	
Ingress protection rating of the drive	-	IP44	


Static pressure [Pa]
300
200
100
0
0
500
1,000
1,500
Airflow [m3/h]



Dimensions

H	ØD	ØD1	L	L1
255	623	285	420	330



Accessories

Speed controllers

Name	Photo	Description
RSA5D-1,5-T		Three phase speed controller
RSA5D-3,5-T		Three phase speed controller
RSA5D-1,5-M		Three phase speed controller
RSA5D-2,5-M		Three phase speed controller
RSA5D-6,0-M		Three phase speed controller
RSA5D-8,0-M		Three phase speed controller
RSA5D-11,0-M		Three phase speed controller
RSA5D-12,0-M		Three phase speed controller
RS-3,0-T		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors
RS-5,0-T		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors
RS-10,0-T		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors

Ecodesign

Trademark	Vents
Model	VKHCA 4E 280
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m^3/s)	0.131
Nominal external pressure (Pa)	99
Maximum external leakage rates (%)	2.7
Static efficiency (%)	33.2
Effective electric power input (kW)	0.047
Sound power level (dB(A))	58
Declared typology	NRVU UVU