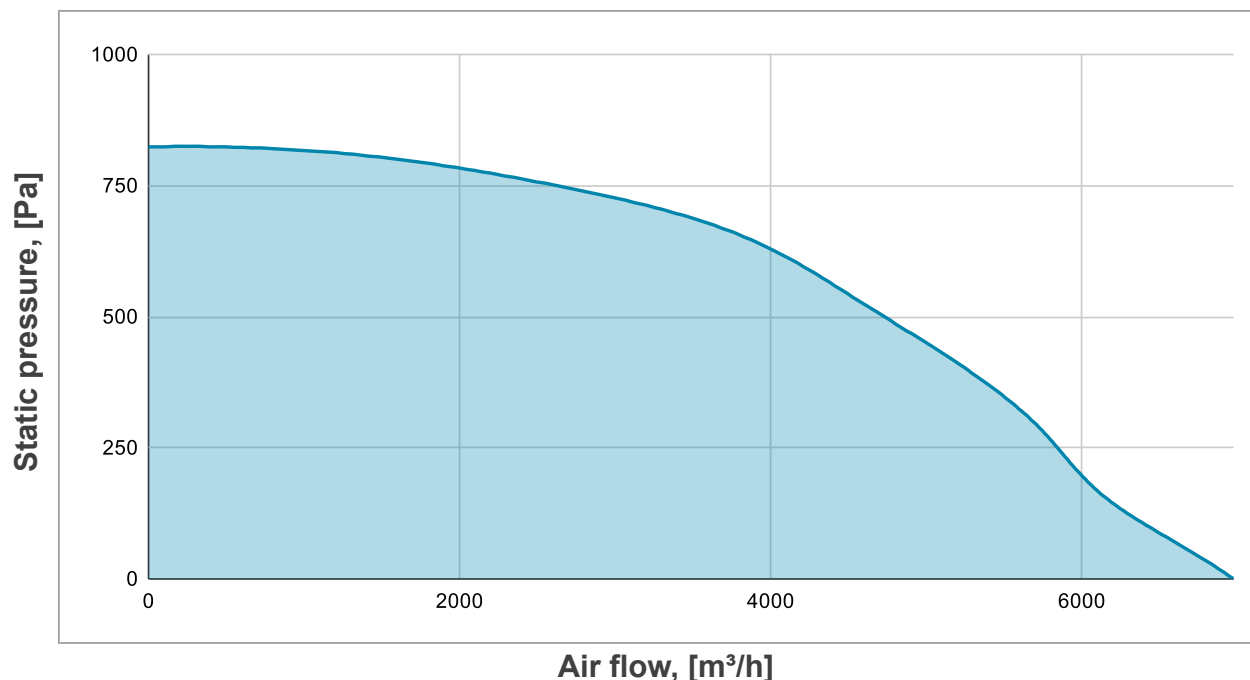


DATASHEET

RFVN 450 RF4 30



11/01/2024 15:41:34



- Up to 120 °C conveyed medium temperature
- Motor outside of air stream
- Swing-out fan unit
- Drain tray
- Frequency controllable
- Star-Delta operation possible
- Star: direct 400V 3~ grid or frequency converter with 400V output
- Delta: direct 230V 3~ grid or frequenc

Technical specifications	Unit	Value
Nominal frequency	Hz	50
Nominal voltage	V	400
Phase	~	3~
Max el. power consumption	W	1139
Max current	A	2.04
Sound power, LWA2	dB(A)	-1
Max. static efficiency	%	56
Max. total efficiency	%	57
Motor control	Tip	f

Max. efficiency duty point	Unit	Value
Air flow	m³/h	3979
Static pressure	Pa	632
Total pressure	Pa	641
Voltage	V	400
Frequency	Hz	50
Current	A	2.2
El. power consumption	W	1140
Speed	rpm	1603
SFP	W/(m³/s)	1032
Static efficiency	%	58
Total efficiency	%	59
Control voltage	V	-

Sound power (LW)		Medium Frequency Band								
SWL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	LWA5	78	41	59	69	70	69	69	66	59
Outlet	LWA6	81	49	63	73	73	74	71	68	60
Case	LWA2	-	-	-	-	-	-	-	-	-

Sound pressure (Lp) at 1m		Medium Frequency Band								
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	64	30	48	58	59	58	58	55	48
Outlet	Lp6	67	38	52	62	62	63	60	57	49
Case	Lp2	-	-	-	-	-	-	-	-	-

Sound pressure (Lp) at 3m		Medium Frequency Band								
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	54	20	38	48	50	48	48	45	38
Outlet	Lp6	59	29	43	53	53	53	51	47	39
Case	Lp2	-	-	-	-	-	-	-	-	-

Wiring diagram

