



# KVFU 100 C

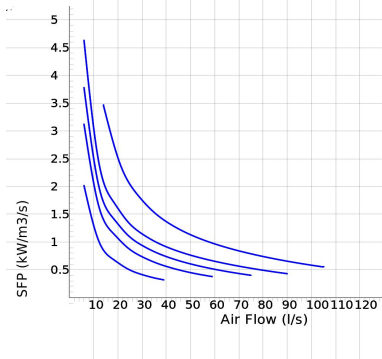
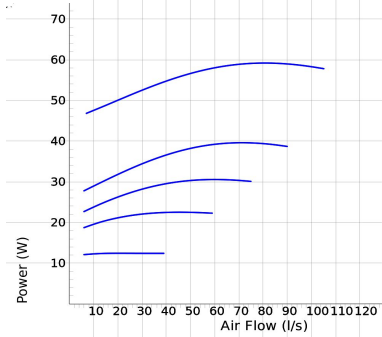
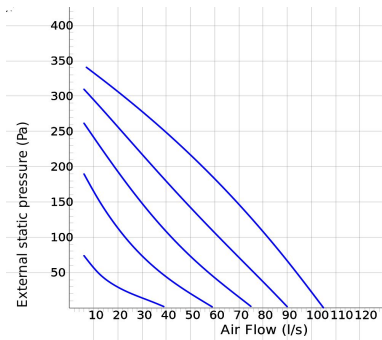


KV

- Wall fan with circular inlet connection.
- KV has a square mounting plate.
- Proven performance and reliability.
- Compact with high capacity and efficiency.
- Suitable for a wide variety of applications.
- Operational in both 50 and 60 Hz.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system, mounted on the inside wall.
- Easy installation in any position.
- Can be used in damp environments.
- To comply with the ErP 2018 regulation, a local demand controller must be used.

## Accessories

- VRTE C
- VRDE 1,5
- VRS 0.5
- Local Demand Controller Kit
- MK 100
- BSV 100
- BSR 250
- RSK 100
- YG 250
- VK 250
- LDC 100



### Voltage steps

1	2	3	4	5
80V	110V	135V	165V	230V

## TECHNICAL DATA

	7100038 KVFU 100 C man tp	7100090 KVFU 100 C aut tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	59 W	59 W
Current	0.26 A	0.26 A
Speed	2540 r.p.m.	2540 r.p.m.
Max. temperature of transported air	80 °C	80 °C
Max. temperature of transported air when speed controlled	80 °C	80 °C
Sound pressure level at 3 m	44 dB(A)	44 dB(A)
Weight	2.5 kg	2.5 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	2 µF	2 µF
Duct connection	100 mm	100 mm
Max. flow	105 l/s	105 l/s
Max. pressure	359 Pa	359 Pa
Voltage range	220-240 V	220-240 V

## SOUND DATA

	Flow (l/s)	$L_{wa}$ tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding $L_w$ dB(A) 230V	68	51	26	34	43	45	46	45	38	31
5. Outlet $L_w$ dB(A) 230V	68	67	35	42	50	60	64	61	55	44
5. Inlet $L_w$ dB(A) 230V	68	69	55	59	62	65	60	58	57	47
4. Inlet $L_w$ dB(A) 165V	58	66	54	55	61	60	55	54	52	39
3. Inlet $L_w$ dB(A) 135V	48	61	51	51	55	55	49	49	46	29
2. Inlet $L_w$ dB(A) 110V	39	54	46	48	48	49	43	41	34	20
1. Inlet $L_w$ dB(A) 80V	24	44	37	39	38	37	31	20	18	16

## DIMENSIONS

