



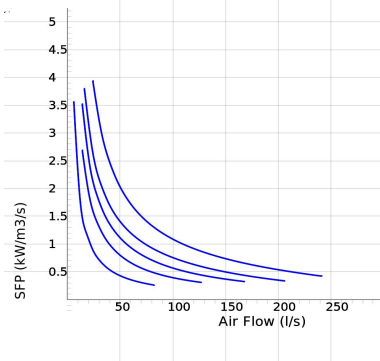
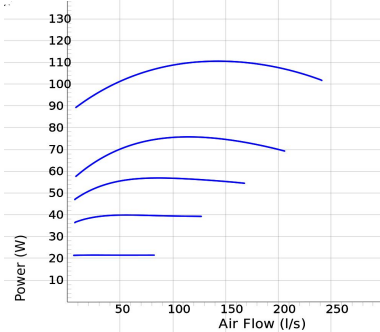
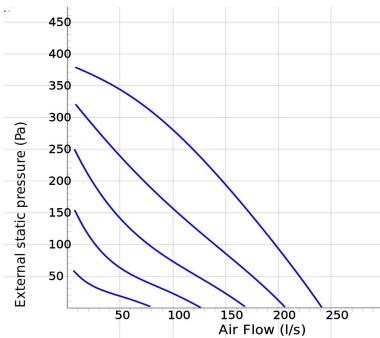
# KVFU 160 C

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 1.0
- Local Demand Controller Kit
- MK 160
- BSV 160
- BSR 355
- RSK 160
- VK 355
- LDC 160



### Voltage steps

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

## TECHNICAL DATA

	710054 KVFU 160 C man tp	7100106 KVFU 160 C aut tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	111 W	111 W
Current	0.48 A	0.48 A
Speed	2490 r.p.m.	2490 r.p.m.
Max. temperature of transported air	75 °C	75 °C
Max. temperature of transported air when speed controlled	75 °C	75 °C
Sound pressure level at 3 m	43 dB(A)	43 dB(A)
Weight	3.5 kg	3.5 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	3 µF	3 µF
Duct connection	160 mm	160 mm
Max. flow	242 l/s	242 l/s
Max. pressure	386 Pa	386 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	145	50	18	34	40	46	44	42	38	29
5. Outlet $L_w$ dB(A) 230V	145	70	33	42	54	64	67	64	60	50
5. Inlet $L_w$ dB(A) 230V	145	72	54	60	67	68	63	61	61	53
4. Inlet $L_w$ dB(A) 165V	114	67	51	56	62	62	57	55	54	45
3. Inlet $L_w$ dB(A) 135V	91	61	48	53	57	56	51	51	46	36
2. Inlet $L_w$ dB(A) 110V	64	54	43	47	50	48	43	40	36	24
1. Inlet $L_w$ dB(A) 80V	38	45	38	40	40	37	32	23	20	11

## DIMENSIONS

