



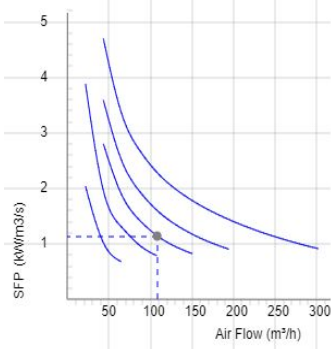
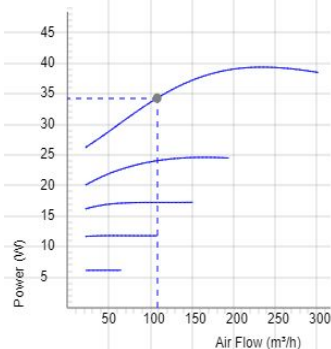
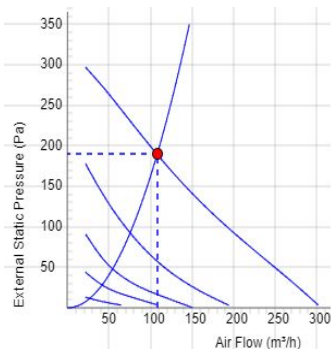
# KVFU 100 A1



- 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

	7100034 KVFU 100 A1 man tc	7100086 KVFU 100 A1 aut tc
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Power	39 W	39 W
Current	0.17 A	0.17 A
Speed	2010 r.p.m.	2010 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	39 dB(A)	39 dB(A)
Weight	2.5 kg	2.5 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	3 µF	3 µF
Duct connection	100 mm	100 mm
Max. flow @ 0Pa	306.0008568024 m³/h	306.0008568024 m³/h
Max. pressure	317 Pa	317 Pa
Voltage range	220-240 V	220-240 V

### SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	137	46	20	31	40	38	40	38	32	29
5. Outlet Lw dB(A) 230V	137	61	34	39	46	54	58	54	46	38
5. Inlet Lw dB(A) 230V	137	64	56	55	57	58	54	51	46	38
4. Inlet Lw dB(A) 165V	115	53	48	45	45	46	41	35	28	15
3. Inlet Lw dB(A) 135V	90	45	40	38	38	37	32	21	18	9
2. Inlet Lw dB(A) 110V	79	38	35	32	30	29	23	10	15	8
1. Inlet Lw dB(A) 80V	54	27	25	19	17	17	15	5	11	7

### DIMENSIONS

