

INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

IFK 140 B AC



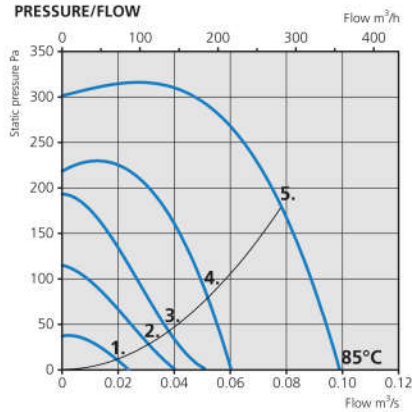
- Insulated duct fan with circular connections.
- Designed as a cooker exhaust fan and can be connected to a cooker hood.
- Equipped with 30 mm fire retardant insulation.
- Handles high pressures yet offer low sound levels.
- It features 2 inlets and 1 outlet.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- Swing-out design to simplify the maintenance and cleaning.
- The fan is intended to be installed in a duct system.

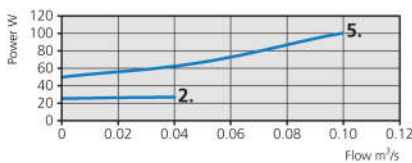
ACCESSORIES

- Mounting clamp, MK 140, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 140
- Backdraught shutters, RSK 140
- Louvre shutters, VK 14
- Silencer, LDC 140
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

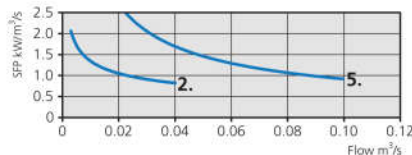
PRESSURE/FLOW



POWER/FLOW

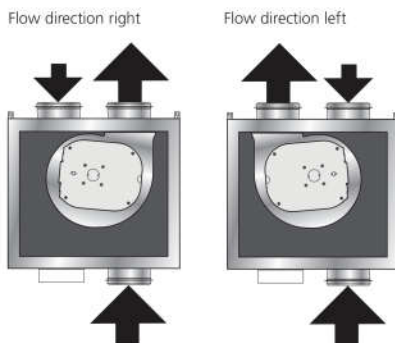


SFP



TRANSFORMER STEPS

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



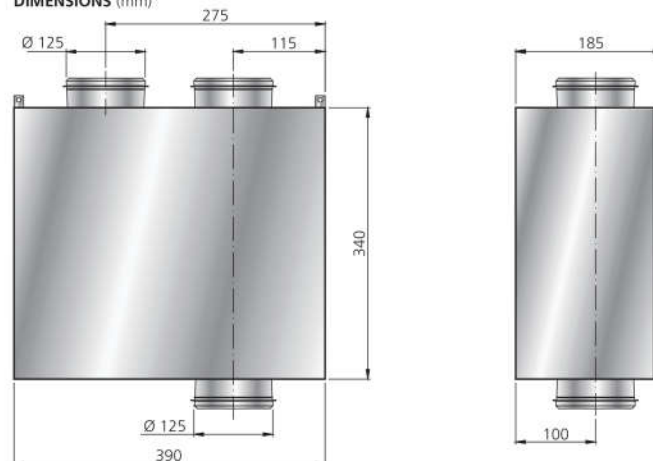
TECHNICAL DATA

IFK 140 B AC	Art.no. 7800002 right / 7800004 left
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.44 A
Power	100 W
Speed	1820 rpm
Capacitor	2 µF
Max. temperature of transported air	85 °C°
Max. temperature of transported air when speed controlled	85 °C°
Sound pressure level at 3 m	40 dB(A)
Weight	8.9 kg
Wiring diagram	4040015

SOUND DATA

	L_{pA}	L_{wa} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	40	47	36	44	41	37	34	28	29	29
5. Outlet 230V		73	61	62	65	65	66	66	64	61
5. Inlet 230V		59	49	56	54	47	42	38	38	37
4. Inlet 165V		50	41	47	44	38	35	26	25	21
3. Inlet 135V		44	35	40	38	36	28	17	16	11
2. Inlet 110V		41	30	35	39	29	21	11	11	9
1. Inlet 80V		34	23	28	31	18	9	7	8	6

DIMENSIONS (mm)





INSULATED DUCT FANS WITH CIRCULAR CONNECTIONS

IFK 140 C AC

ACCESSORIES

- Mounting clamp, MK 140, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 140
- Backdraught shutters, RSK 140
- Louvre shutters, VK 14
- Silencer, LDC 140
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections.
- Designed as a cooker exhaust fan and can be connected to a cooker hood.
- Equipped with 30 mm fire retardant insulation.
- Handles high pressures yet offer low sound levels.
- It features 2 inlets and 1 outlet.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
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- Junction box has enclosure class IP 54.
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- Duct connections are equipped with rubber seals.
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- The fan is intended to be installed in a duct system.

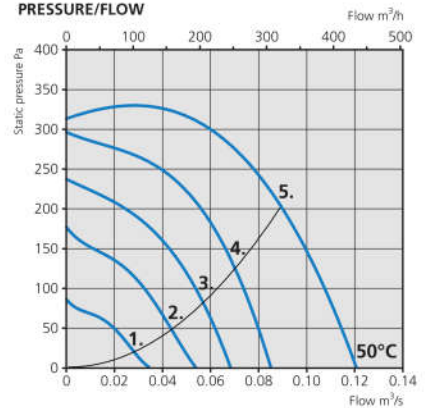
TECHNICAL DATA

IFK 140 C AC	Art.no. 7800006 right / 7800008 left
Voltage	230/50 V/Hz
Voltage range	220-240/50 V/Hz
Phase	1 ~
Current	0.54 A
Power	121 W
Speed	2220 rpm
Capacitor	4 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	43 dB(A)
Weight	8.9 kg
Wiring diagram	4040015

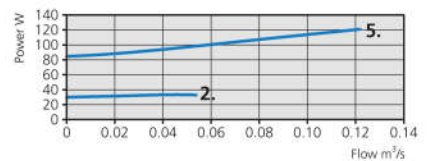
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	43	50	38	48	44	40	35	30	30	29
5. Outlet 230V		76	63	65	68	68	68	69	67	65
5. Inlet 230V		62	50	59	56	49	44	40	40	40
4. Inlet 165V		56	46	54	50	44	40	34	34	32
3. Inlet 135V		51	42	48	44	39	36	28	27	23
2. Inlet 110V		45	37	42	38	34	31	20	19	14
1. Inlet 80V		37	29	33	32	27	19	12	13	9

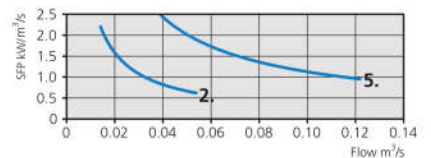
PRESSURE/FLOW



POWER/FLOW



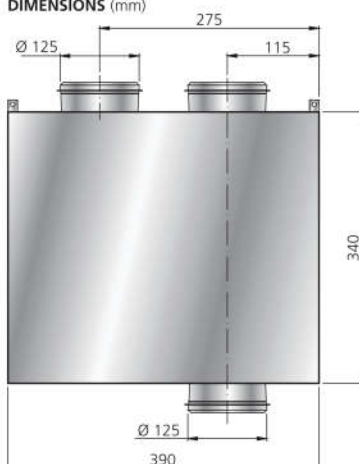
SFP



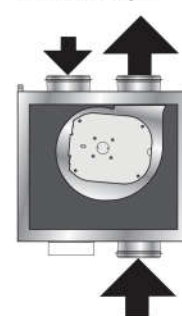
TRANSFORMER STEPS

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

DIMENSIONS (mm)



Flow direction right



Flow direction left

