

# INSULATED DUCT FAN WITH CIRCULAR CONNECTIONS

## IRB 125 B1 EC

7880110

IRB 125 B1 EC-y2

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs.
- The design prioritise functionality, durability and longevity.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.



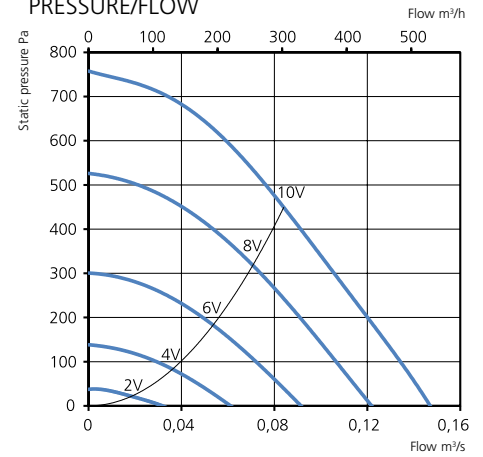
### ACCESSORIES

- Mounting bracket Kit Universal
- Mounting clamp MK 125
- Filterbox FLK 125
- Filterbox FLF 125
- Safety grille BSV 125
- Back draught shutter RSK 125
- Louvre YG 125
- Louvre shutter VK 125
- Silencer LDC 125
- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R

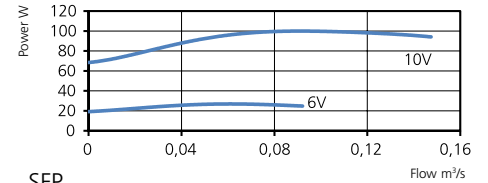
### TECHNICAL DATA

<b>Voltage</b>	230 V
<b>Frequency</b>	50/60 Hz
<b>Phase</b>	1 ~
<b>Current</b>	0.81 A
<b>Power</b>	100 W
<b>Speed</b>	3600 r.p.m.
<b>Max. temp of transported air</b>	60 °C
<b>Sound pressure level, 3 m</b>	46 dB(A)
<b>Weight</b>	11.4 kg
<b>Enclosure class</b>	44 IP
<b>Wiring diagram</b>	4040153

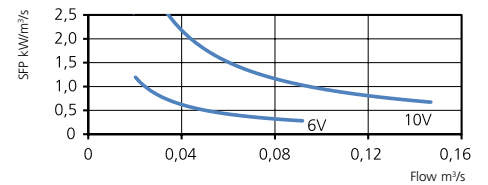
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### SOUND DATA

	$L_{WA}$ tot dB (A)	63	125	250	500	1K	2K	4K	8K
<b>Surrounding 10 V</b>	53	38	41	45	51	40	38	35	31
<b>Outlet 10 V</b>	82	61	65	68	80	75	73	67	62
<b>Inlet 10 V</b>	62	49	57	54	58	46	47	44	38
<b>Inlet 8 V</b>	58	46	54	52	52	41	43	39	32
<b>Inlet 6 V</b>	54	39	48	52	39	34	35	30	21
<b>Inlet 4 V</b>	45	31	42	42	30	25	23	15	7
<b>Inlet 2 V</b>	30	24	26	25	17	7	8	8	5

### MORE INFORMATION



Find out the latest updated information about this product by visiting [www.ostberg.com](http://www.ostberg.com) or scanning this QR code.

### DIMENSIONS

