



# IRE 125 C1 EC



- 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 priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.

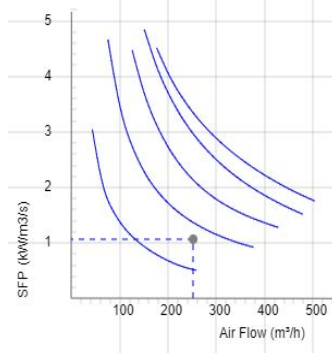
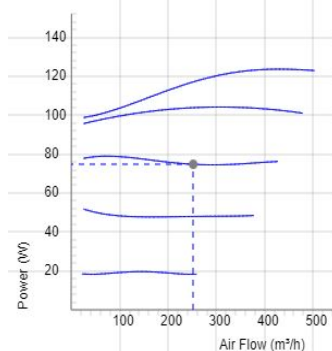
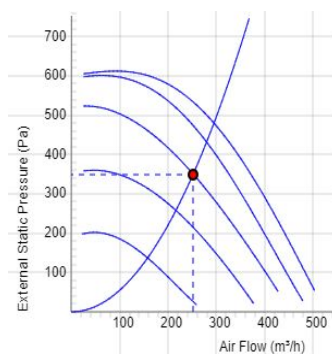
### Accessories

- Controller IQ-Reg EC
- Speed controller MS EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- MK 125
- BSV 125
- RSK 125
- YG 125
- VK 125
- FLK 125
- FLF 125
- LDC 125

**7900259**  
**IRE 125 C1 EC-y1**

### TECHNICAL DATA

Cos	0.52
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	124 W
Current	1.03 A
Speed	2890 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	42 dB(A)
Weight	9.7 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	125 mm
Max. flow @ 0Pa	525.60147168412 m³/h
Max. pressure	607 Pa
Voltage range	200-277 V

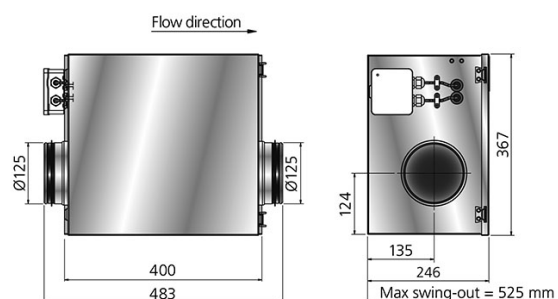


### SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	342	49	39	46	41	39	37	37	36	31
5. Outlet Lw dB(A) 10V	342	79	68	69	69	72	71	72	68	68
5. Inlet Lw dB(A) 10V	342	62	53	60	54	46	43	45	44	44
4. Inlet Lw dB(A) 8V	324	61	52	59	53	45	42	43	42	42
3. Inlet Lw dB(A) 6V	295	58	49	56	50	45	40	40	39	39
2. Inlet Lw dB(A) 4V	252	55	47	53	48	40	37	36	35	34
1. Inlet Lw dB(A) 2V	166	48	41	45	39	33	31	28	26	22

### DIMENSIONS

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### Voltage steps

1	2	3	4	5
2V	4V	6V	8V	10V