



# IRE 125 C1

## IRE Circular

- 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.
- 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.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or 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
- MB Universal
- MK 125
- BSV 125
- RSK 125
- YG 125
- VK 125
- FLK 125
- FLF 125
- LDC 125



## Voltage steps

1
230V

## TECHNICAL DATA

	7900006 IRE 125 C1 man tp
Voltage	230 V
Phase	1 ~
Frequency	50 Hz
Power	122 W
Current	0.53 A
Speed	1850 r.p.m.
Max. temperature of transported air	70 °C
Max. temperature of transported air when speed controlled	70 °C
Sound pressure level at 3 m	37 dB(A)
Weight	9.7 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	4 µF
Duct connection	125 mm
Max. flow	119 l/s
Max. pressure	345 Pa
Voltage range	220-240 V

## SOUND DATA

	Flow (l/s)	L <sub>wa</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
1. Surrounding Lw dB(A) 230V	77	44	28	36	42	36	33	29	28	28
1. Outlet Lw dB(A) 230V	77	71	56	63	64	66	64	62	55	46
1. Inlet Lw dB(A) 230V	77	62	43	60	57	54	46	43	40	31

## DIMENSIONS

