



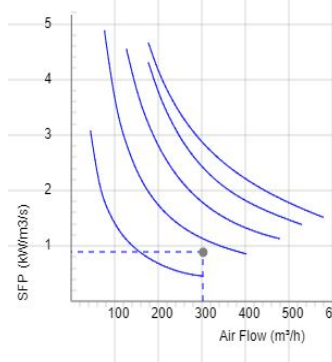
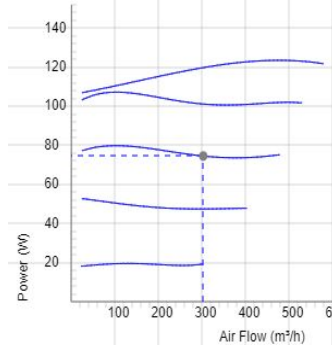
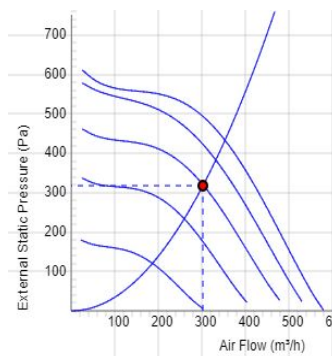
IRE 160 C1 EC



- 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 prioritizes 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 160
- BSV 160
- RSK 160
- VK 160
- FLK 160
- FLF 160
- YG 160
- LDC 160


Voltage steps

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

TECHNICAL DATA

Cos	0.52
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	123 W
Current	1.02 A
Speed	2630 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	42 dB(A)
Weight	10.1 kg
Enclosure class	44 IP
Insulation class, motor	F
Capacitor	- µF
Duct connection	160 mm
Max. flow @ 0Pa	579.60162288454 m³/h
Max. pressure	637 Pa
Voltage range	200-277 V

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IRE 160 C1 EC-y1**
SOUND DATA

	Flow (m³/h)	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding L_w dB(A) 10V	367	49	41	45	40	42	37	38	36	31
5. Outlet L_w dB(A) 10V	367	78	65	68	68	71	68	71	69	68
5. Inlet L_w dB(A) 10V	367	65	54	63	58	50	44	49	47	45
4. Inlet L_w dB(A) 8V	346	64	53	63	56	47	43	48	46	43
3. Inlet L_w dB(A) 6V	317	62	51	60	54	45	41	44	43	40
2. Inlet L_w dB(A) 4V	263	59	48	58	51	42	38	42	39	35
1. Inlet L_w dB(A) 2V	184	52	41	51	45	34	32	32	29	23

DIMENSIONS
