



IRB 315 A1 EC

- Insulated duct fan.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long, complicated 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.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- The housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.

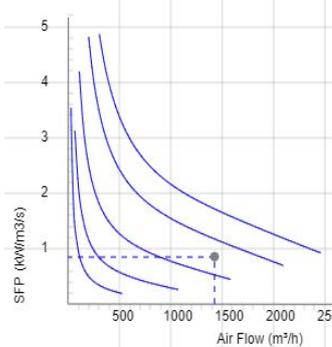
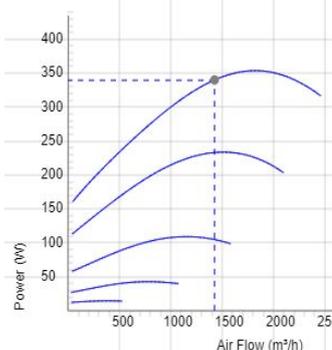
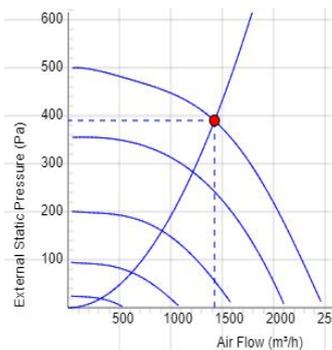
Accessories

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MB Universal
- MK 315
- BSV 315
- RSK 315
- VK 315
- LDC 315
- FLF 315
- FLK 315
- YG 315

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IRB 315 A1 EC-y1

TECHNICAL DATA

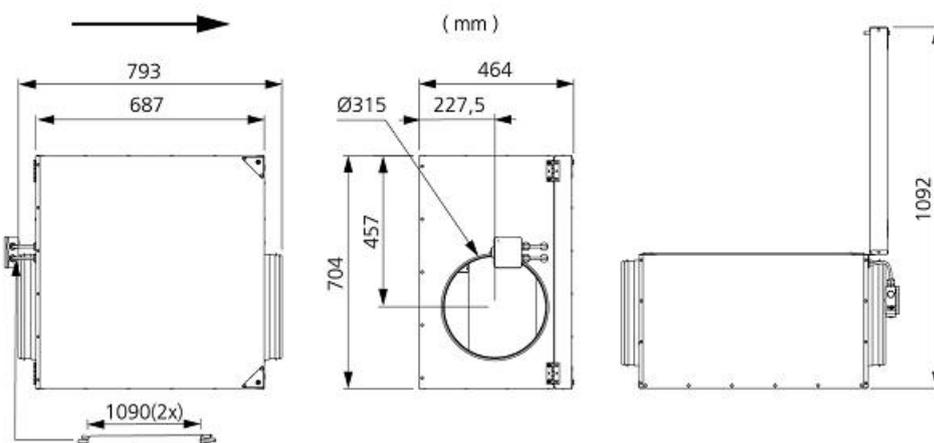
Voltage	230 V
Phase	1 ~
Frequency	50/60 Hz
Power	355 W
Current	1.56 A
Speed	1660 r.p.m.
Max. temperature of transported air	60 °C
Sound pressure level at 3 m	50 dB(A)
Weight	37.2 kg
Enclosure class	44 IP
Insulation class, motor	F
Duct connection	315 mm
Max. flow @ 0Pa	2487.6069652995 m³/h
Max. pressure	501 Pa
Voltage range	200-277 V



SOUND DATA

	Flow (m³/h)	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	1544	57	42	46	56	43	39	34	32	28
5. Outlet Lw dB(A) 10V	1544	78	63	67	76	66	70	66	60	52
5. Inlet Lw dB(A) 10V	1544	70	60	62	68	50	45	49	45	39
4. Inlet Lw dB(A) 8V	1296	68	55	59	67	45	40	44	40	34
3. Inlet Lw dB(A) 6V	965	59	49	57	52	37	33	36	30	27
2. Inlet Lw dB(A) 4V	630	52	43	50	42	28	25	23	20	14
1. Inlet Lw dB(A) 2V	331	34	32	26	24	16	13	10	12	9

DIMENSIONS



Voltage steps

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