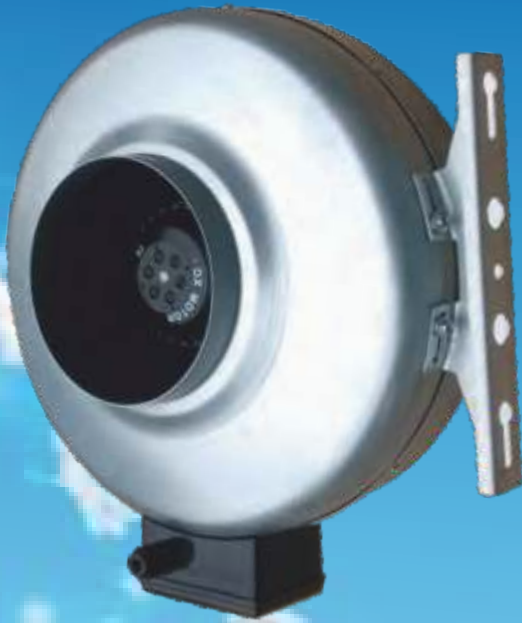




CARYAIRETM

Leadership Through Innovation



CIRCULAR IN-LINE FANS

Designed For Optimum Efficiency and Low Noise

In-line centrifugal duct fan is a straight through radial fan. It is compact, with a high capacity and very easy to install. The fan can cope with high pressure and long duct runs, whilst still operating at an acceptable sound level.

The fan speed can be controlled by voltage or frequency variation regulators. Several fans can be connected to the same controller provided the total nominal current of the fans does not exceed the rating of controller.

The Circular In-line fans are moisture resistant and are approved for installing in humid or damp environments. The fans are rated IP44 when installed in a duct system. They must not be used for transporting grinding dust, soot or similar air borne particles. The casing is manufactured from pre-galvanized steel. Automatic thermo-contacts open if the temperature within the motor windings becomes excessive. Fan is equipped with CE certified external rotor single phase asynchronous motor.



Circular Inline Fan - Technical Data

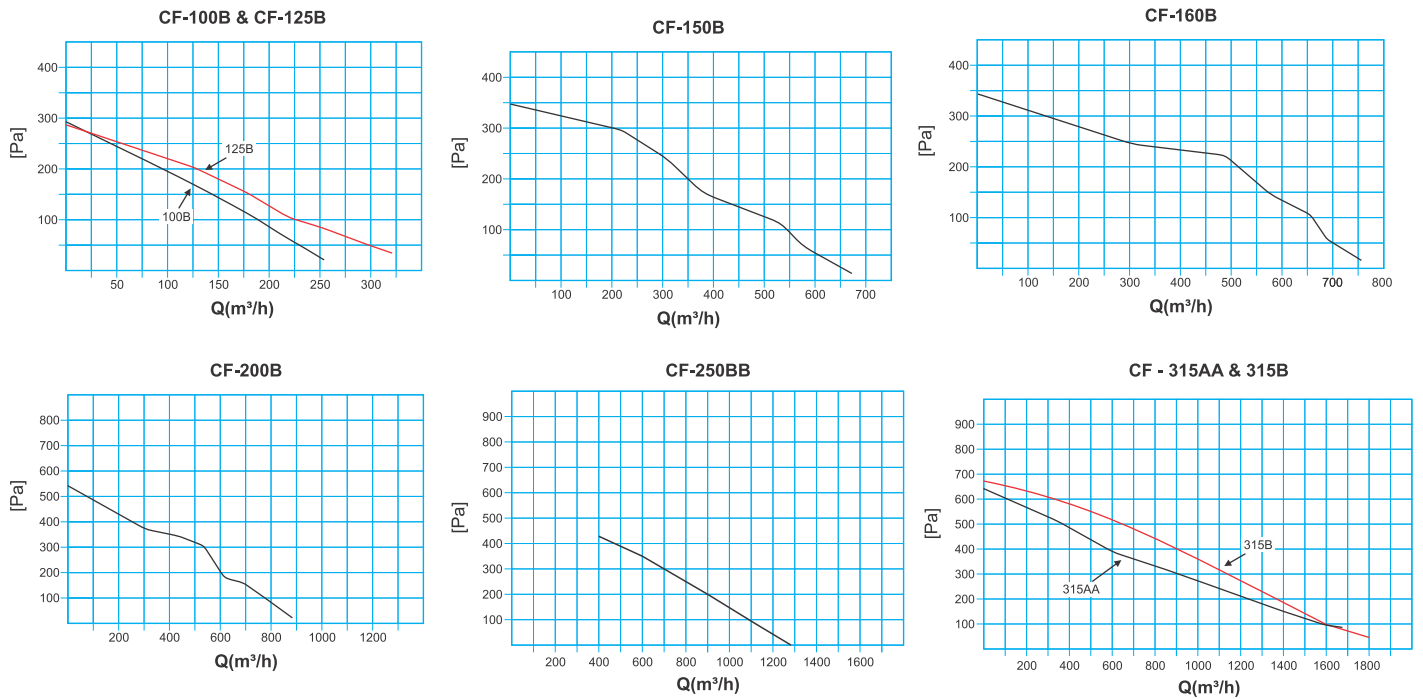
Circular Inline Fan		CF-100B	CF-125B	CF-150B	CF-160B	CF-200B	CF-250BB	CF-315AA	CF-315B
Dimension	ϕA	100	125	150	160	200	250	315	315
	ϕB	243	243	333	333	333	333	401	401
	C	194	195	222	222	223	206	230	230
	D & E	23	27	28	28	25	27	25	25
	F	45	45	45	45	45	45	45	45
Speed 'Rpm'		2370	2260	2370	2567	2488	2284	2300	2277
Sound Pressure Level 'db (A)'		46	47	47	49	52	51	53	53
Current 'A'		0.26	0.3	0.43	0.6	0.65	0.8	1.1	1.35
Input 'W'		60	65	95	125	145	170	230	300
Net Weight 'Kg.'		3.2	3.2	4.6	4.6	5.7	5.7	7	7

*Power Supply 220V - 240V, 1-ϕ, 50 Hz A. C.

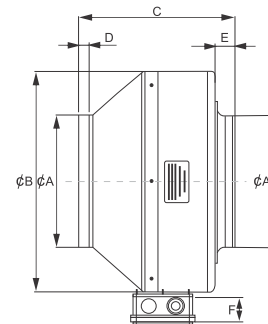
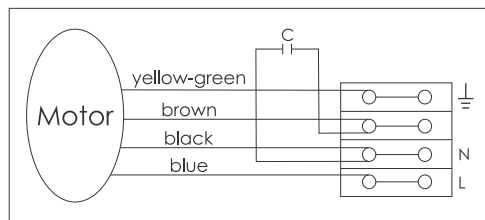
*Motors have 1P-44 Enclosure with class F insulation.

*Weighted Sound pressure level in dB (A) is at a distance of 3 meters.

*Noise data given is at lab test condition.



Wiring Diagram



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