

- Indoor
- Circular
- Galvanized steel
- Direct drive
- 230 V
- France Air



Circular duct fans BCS type Canal'air C

Centrifugal duct fan

In line fan for indoor installation in normal ventilation application, for supply and exhaust clean air, as well.

Brand

France Air

Catalogue page

Page 613

Application

- Clean air ventilation.
- Installation at any point along the building's duct network.
- Indoor installation only.
- Option to use for supplying air or extraction.
- Temperature of fluid transported: maximum + 60°C.

Standard application



Composition

- Casing:
 - Galvanised steel.
 - Connection using circular collars (Eurovent).
- Turbine:
 - Centrifugal backward type.
 - Sizes: C 100 to C 315 (plastic vanes).
 - Dynamic balancing.
 - Attached directly to the motor.
- Motorisation:
 - Motor with external rotor, single-phase 230 V - 50/60 Hz, IP44, class E.
 - Speed variable via voltage reduction.
 - Thermal protection with automatic reset.

Advantages

- Compact.
- Easy to install: mounting brackets supplied.

Order example

- **Canal'air C 250**
- Canal'air:** type of fan
250: diameter

Electrical consumption



Selection curves



Technical data					
Model	Flow rate (m ³ /h)	Rotation speed (rpm)	Motor output (W)	Current input (A)	LwA* (dB(A))
C 100	206	1730	41	0,18	43,9
C 125	303	1640	40	0,18	42,4
C 160	481	2540	62	0,27	45,7
C 200	882	2580	115	0,51	49,8
C 250	854	2770	145	0,63	51
C 315 C	1270	2770	225	0,98	54,9

LwA* (dB(A)): Radiated sound pressure level, measured on a level surface, at maximum speed.



Model	Dimensions					
	Ø d (mm)	b (mm)	c (mm)	Ø D (mm)	a (mm)	Weight (kg)
C 100	100	136	26	243	26	2,6
C 125	125	134	27	243	27	2,7
C 160	160	133	32	271	30	2,9
C 200	200	160	35	345	33	4,2
C 250	250	160	35	345	33	4,9
C 315	315	185	40	402	32	5,9

Assembly and connection

