

# CBF 110 DC



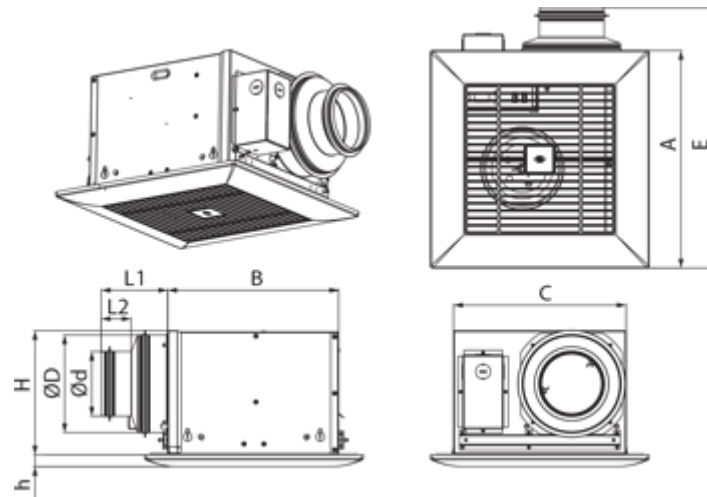
## Centrifugal ceiling fans

- Maximum airflow: 187
- Sound pressure level LpA at 3 m: 25
- Motor type: DC
- Control: Built-in control panel
- Casing material: Galvanized steel
- Backdraft protection: Backdraft damper
- Timer: Turn off timer

	Unit of measurement	CBF 110 DC	
		100	150
Connected air duct size	mm	100	150
Phases	-	1	
Minimum supply voltage	V	120	
Maximum supply voltage	V	240	
Power supply frequency	Hz	50/60	
Rated power	W	19	
Unit current	A	0.18	
Maximum airflow	m <sup>3</sup> /h	187	
Sound pressure level LpA at 3 m	dB(A)	25	
Weight	kg	5.3	
Ambient air temperature min	°C	1	
Ambient air temperature max	°C	40	
Ingress protection rating	-	IPX2	


## Dimensions

<b>D</b>	<b>d</b>	<b>L1</b>	<b>L2</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>E</b>	<b>H</b>	<b>h</b>
148	98	100	45	330	258	260	395	188	18







## Accessories

### Speed control switches

Name	Photo	Description
<a href="#">P2-10</a>		Turning fan on/off and speed switching for multispeed fans


### Other accessories

Name	Photo	Description
TH CBF		Humidity sensor
MV 102 V ASA		Supply and exhaust hoods
MV 152 V ASA		Supply and exhaust hoods
TP CBF		Motion sensor



### Other accessories

Name	Photo	Description
<a href="#">MVM 102 bVs N</a>		Supply and exhaust metal hoods
<a href="#">MVM 152 bVs N</a>		Supply and exhaust metal hoods

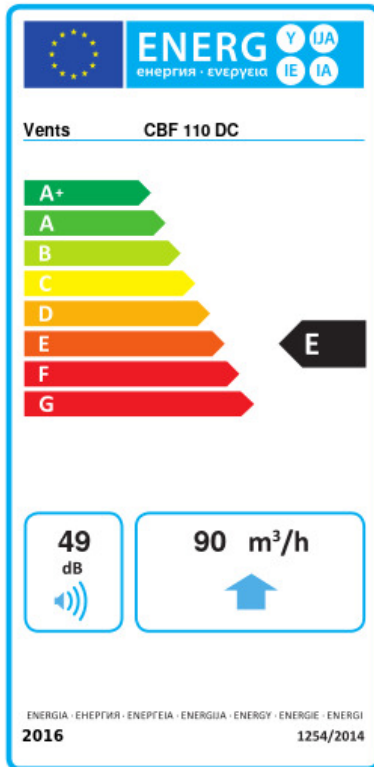
**Flexible ducts**

Name	Photo	Description
<a href="#">Polyvent 660</a>		Flexible PVC film non-insulated air ducts with steel wire frame (65 μm)

**Fittings**

Name	Photo	Description
<a href="#">CB 60-110</a>		The clamps are designed for quick and reliable mounting and connection of various round ventilation system components. Clamps are the stainless steel quick-release clamps equipped with a stainless steel swing screw
<a href="#">CB 60-165</a>		The clamps are designed for quick and reliable mounting and connection of various round ventilation system components. Clamps are the stainless steel quick-release clamps equipped with a stainless steel swing screw

## Ecodesign



Trademark	Vents					
Model	CBF 110 DC					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-33.6	B	-15.7	E	-5.4	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m <sup>3</sup> /h)	90					
Electric power input (W)	14					
Reference flow rate (m <sup>3</sup> /s)	0.044					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.109					
Control typology	Clock control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	49					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	123		123		123	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	3667		1874		848	