

# CBF 110 DC TH



## Centrifugal ceiling fans

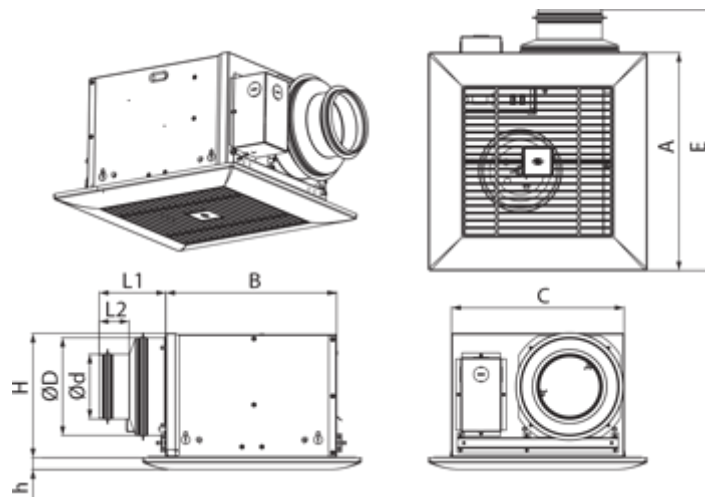
- Maximum airflow: 187
- Sound pressure level LpA at 3 m: 25
- Motor type: DC
- Control: Built-in control panel
- Casing material: Galvanized steel
- Backdraft protection: Backdraft damper
- Humidity sensor
- Timer: Turn off timer

	Unit of measurement	CBF 110 DC TH	
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	
ErP compliance	-	2016, 2018	
Cold - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	53.9	
SEC Class Cold	-	A+	
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	26.9	
SEC Class Average	-	B	
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	11.4	
SEC Class Warm	-	E	
Unit category	-	RVU	

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	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	58
Average - The annual electricity consumption (AEC)	kWh/a	58
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	58
Cold - The annual heating saved (AHS)	kWh/a	5536
The annual heating saved (AHS) Average	kWh/a	2830
The annual heating saved (AHS) Warm	kWh/a	1280
Sound power level	dB(A)	49
Declared typology	-	RVU UVU

## Dimensions


D	d	L1	L2	A	B	C	E	H	h
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
-----------------------	---	--


### Sensors

Name	Photo	Description
<a href="#">TH CBF</a>		Humidity sensor



### Other accessories

Name	Photo	Description
MV 102 bVs N		Supply and exhaust metal hoods
MV 152 bVs N		Supply and exhaust metal hoods
MV 102 V ASA		Supply and exhaust hoods
MV 152 V ASA		Supply and exhaust hoods

### Flexible ducts

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

### Other accessories

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