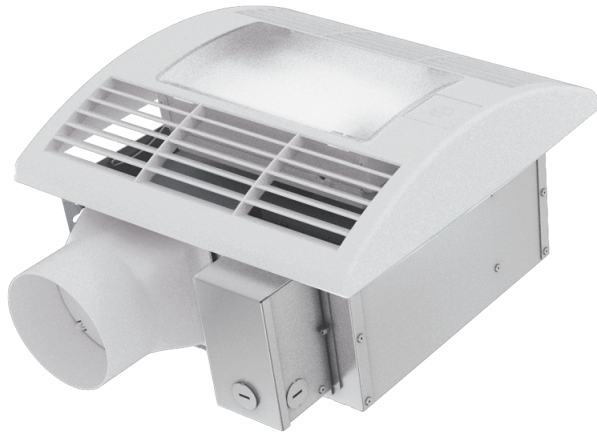


# CBF LP 110 DC Light TH



Ceiling bathroom fans with integrated LED-light

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

	Unit of measurement	CBF LP 110 DC Light TH
Connected air duct size	mm	100
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 (0.3)
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	-	IPX4
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	0.037
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

<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>	<b>G</b>
98	100	40.5	330	278	255	395	134	57	max 620



## 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 102 V ASA		Supply and exhaust hoods

### Flexible ducts

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

### Electrical accessories

Name	Photo	Description
<a href="#">CH-PLC-10WG23</a>		10 W LED light with colour temperature 3000 K