

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 ³ /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

| 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 |
|-----------------------|---|--|
| P2-10 |  | 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 |


Other accessories

| Name | Photo | Description |
|-------------------------------|---|--------------------------------|
| MVM 102 bVs N |  | Supply and exhaust metal hoods |
| MVM 152 bVs N |  | Supply and exhaust metal hoods |

Flexible ducts

| Name | Photo | Description |
|------------------------------|---|---|
| Polyvent 660 |  | Flexible PVC film non-insulated air ducts with steel wire frame (65 µm) |

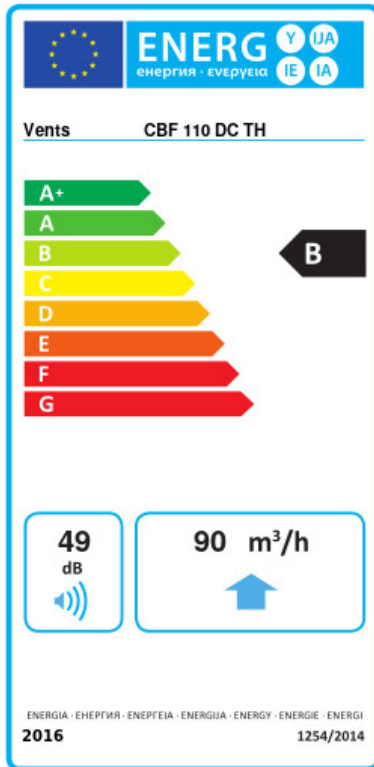
Fittings

| Name | Photo | Description |
|---------------------------|---|--|
| CB 60-110 |  | 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 |

[CB 60-165](#)

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 TH | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -53.9 | A+ | -26.9 | B | -11.4 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m ³ /h) | 90 | | | | | |
| Electric power input (W) | 14 | | | | | |
| Reference flow rate (m ³ /s) | 0.044 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.109 | | | | | |
| Control typology | Local demand 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 | |
| | 58 | | 58 | | 58 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |