

CEILEO

CENTRIFUGAL FANS

Centrifugal exhaust low noise and low power fans for ceiling mounting



Air flow:
up to 320 m³/h
89 l/s



Power:
from 20 W

SFP:
from 0.49 W/l/s



Noise level:
from 24 dBA



Features



- Intermittent or continuous ventilation of bathrooms, showers, kitchens and other domestic spaces.
- For high-resistant ventilation systems.
- Integrated LED-light with low energy demand (**Ceileo Light** models).
- Low noise level.
- The centrifugal impeller has forward curved blades for high pressure and low noise.
- The motor impeller is made of high-quality durable ABS plastic.
- The fans also feature a gravity backdraft damper.
- Ingress protection rating IPX4.
- Compatible with Ø 100 or 150 mm air ducts.

Motor

- The Ceileo fans are equipped with reliable asynchronous two-speed motors with overheating protection.
- The maintenance-free permanently lubricated motor bearings are engineered for over 40 000 operating hours of trouble-free operation.

Design

- The casing is made of galvanized steel.
- The clip-on plastic grille ensures easy mounting and cleaning of the fan.
- The modular design enables easy retrofitting with the optional humidity and motion sensors (except for the basic model) or the grille with a light.

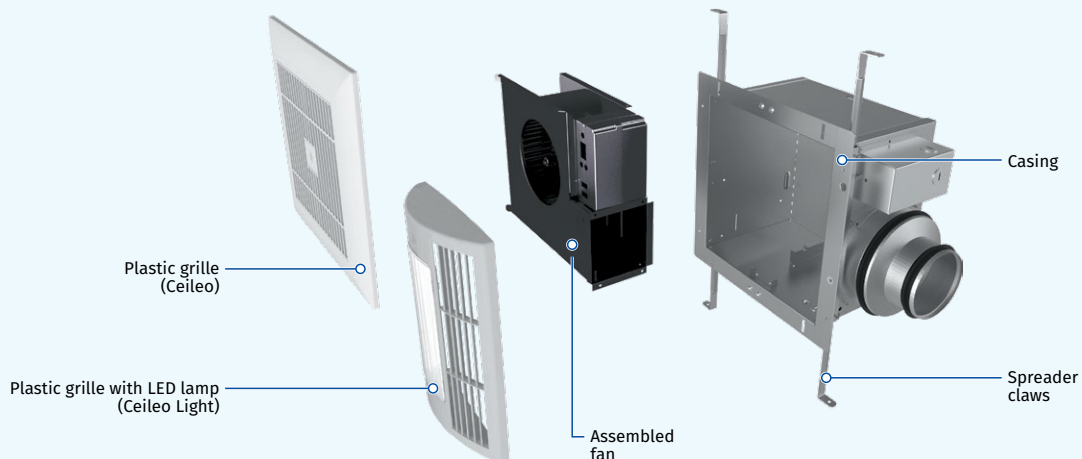


- **Ceileo Light** fans are both equipped with an energy efficient LED light.

Power: 10 W
Colour temperature:
3 000 K
Luminous flux:
650 lumens



Power: 60 W



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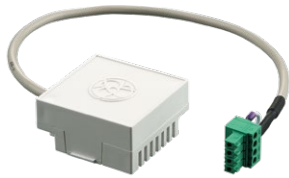
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Options

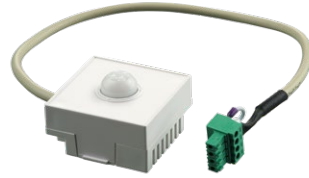
Ceileo: Double-speed basic fan model.

Ceileo T: Models with an adjustable turn-off delay timer.

This model can also be retrofitted with an optional humidity or motion sensor (available on a special order basis).



Humidity sensor



Motion sensor

Control

The built-in control panel of the **Ceileo T** fans enables the following settings:

- turn-off delay
- humidity level
- air flow for modes 1 and 2

| Name | Adjustment range for operation modes 1 and 2 |
|--------------|--|
| Ceileo 200 T | Off / low speed / high speed |
| Ceileo 250 T | Off / low speed / high speed |
| Ceileo 300 T | Off / low speed / high speed |

Ceileo T control panel



MANUAL CONTROL

The fan is controlled by means of the CDP-2/10 speed switch (available as a specially ordered accessory).



AUTOMATIC CONTROL



Timer "T": The fan is constantly set to the mode 1. The mode 2 is triggered by the light switch closing. Upon the light switch opening the built-in turn-off delay timer keeps the fan running in the mode 2 from 1 to 90 minutes. On elapsing of this period the fan reverts to the mode 1.



Timer "T" and humidity sensor (available as a specially ordered accessory): the fan runs constantly in the mode 1.

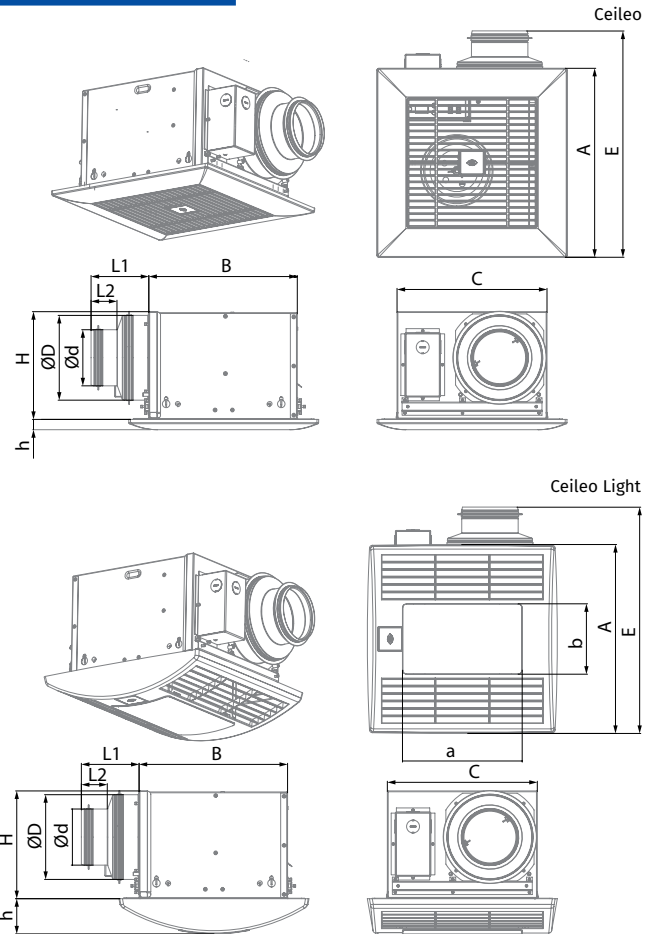
If the indoor humidity level exceeds the sensor threshold value set in the 60-90 % range, the fan switches to the mode 2. When the humidity level reverts to the pre-set value, the built-in turn-off delay timer keeps the fan running in the mode 2 from 1 to 90 minutes. On elapsing of this period the fan reverts to the mode 1.



Timer "T" and motion sensor (available as a specially ordered accessory): the fan runs constantly in the mode 1.

If the motion sensor detects movement within its range, the fan goes to the mode 2. When the movement is no longer registered, the built-in turn-off delay timer keeps the fan running in the mode 2 from 1 to 90 minutes. On elapsing of this period the fan reverts to the mode 1.

Overall dimensions



| Dimensions [mm] | Ø D | Ø d | L1 | L2 | A | B | C | E | H | h | a | b |
|------------------------|-----|-----|-----|----|-----|-----|-----|-----|-----|----|-----|-----|
| Ceileo 200 / 250 | 148 | 98 | 100 | 45 | 330 | 258 | 260 | 395 | 188 | 18 | - | - |
| Ceileo 200 / 250 Light | 148 | 98 | 100 | 45 | 330 | 258 | 260 | 395 | 188 | 62 | 208 | 123 |
| Ceileo 300 | 149 | - | 50 | - | 330 | 258 | 260 | 395 | 188 | 18 | - | - |
| Ceileo 300 Light | 149 | - | 50 | - | 330 | 258 | 260 | 395 | 188 | 62 | 208 | 123 |

Mounting

- The fan is integrated into ceiling spaces.
- The fan is attached to the ceiling joists with spreader claws and self-tapping screws.
- The flexible air duct is attached to the fan exhaust spigot with a fixing clamp.



Designation key

| Ceileo | 200 | Light | T |
|--------|----------------------|--------------------|--------|
| Series | Rated air flow [CFM] | LED-lamp available | Option |

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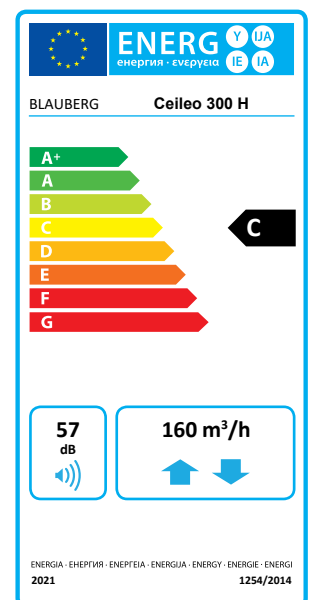
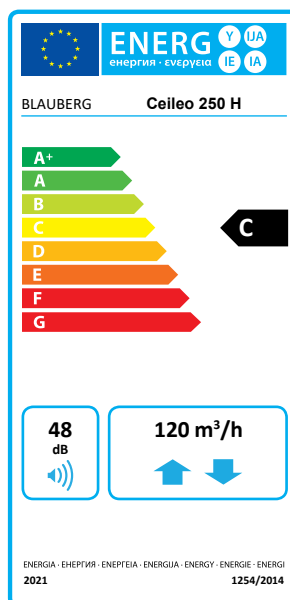
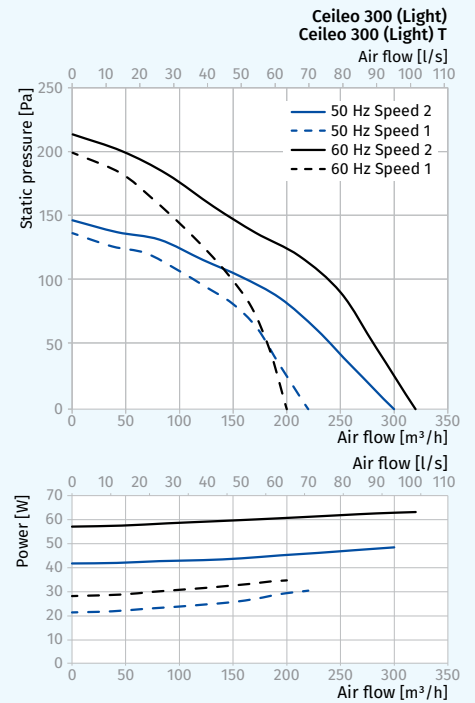
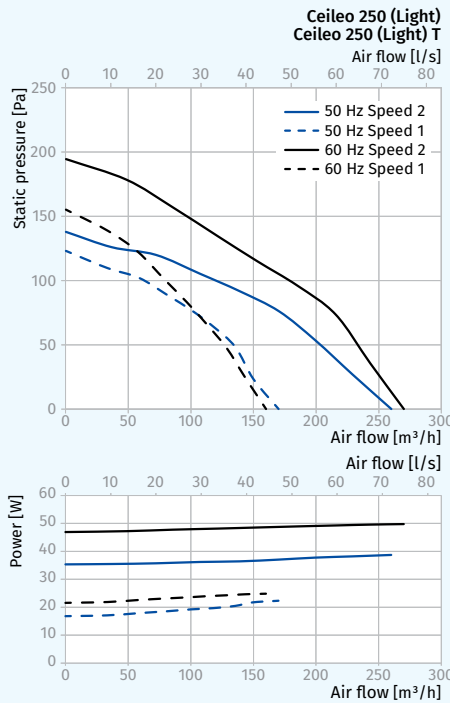
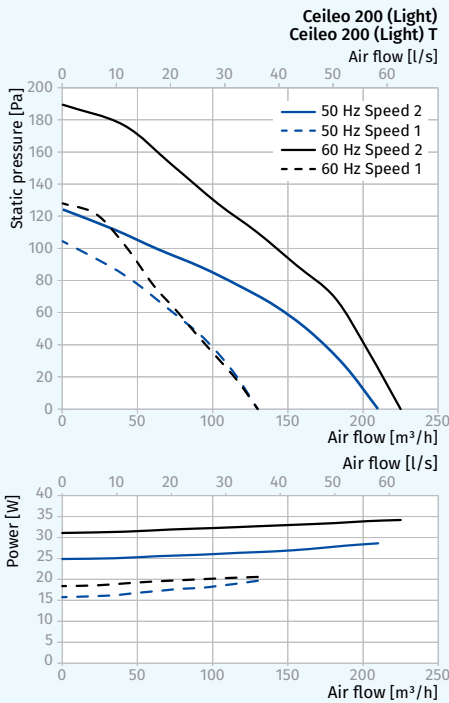
Technical data

| Model | Ceileo 200 (Light) Ceileo 200 (Light) T | | | | Ceileo 250 (Light) Ceileo 250 (Light) T | | | | Ceileo 300 (Light) Ceileo 300 (Light) T | | | |
|------------------------------------|--|----------|----------|----------|--|----------|----------|----------|--|----------|----------|----------|
| | min | max | min | max | min | max | min | max | min | max | min | max |
| Voltage [V/Hz] | 230/50 | | 230/60 | | 230/50 | | 230/60 | | 230/50 | | 230/60 | |
| Power [W] | 20 | 29 | 21 | 34 | 23 | 39 | 25 | 50 | 31 | 49 | 35 | 63 |
| LED-light power [W]** | 2 × 10 | | | | 2 × 10 | | | | 2 × 10 | | | |
| RPM [min ⁻¹] | 714 | 1026 | 588 | 936 | 756 | 1122 | 732 | 1140 | 936 | 1254 | 888 | 1320 |
| Current [A] | 0.1 | 0.13 | 0.11 | 0.15 | 0.12 | 0.18 | 0.14 | 0.22 | 0.15 | 0.22 | 0.17 | 0.28 |
| Air flow [m ³ /h (l/s)] | 130 (36) | 210 (58) | 130 (36) | 225 (63) | 170 (47) | 260 (72) | 160 (44) | 270 (75) | 220 (61) | 300 (83) | 200 (56) | 320 (89) |
| SFP [W/l/s] | 0.55 | 0.50 | 0.58 | 0.54 | 0.49 | 0.54 | 0.56 | 0.67 | 0.51 | 0.59 | 0.63 | 0.71 |
| Sound pressure level [dBA]* | 24 | 27 | 24 | 28 | 25 | 29 | 25 | 30 | 28 | 31 | 27 | 32 |
| Weight [kg] | 5.3 (6.4**) | | | | 5.3 (6.4**) | | | | 5.1 (6.2**) | | | |
| Ingress protection | IPX4 | | | | IPX4 | | | | IPX4 | | | |
| SEC class*** | C | | | | C | | | | C | | | |

* Sound pressure level measured in free space at a distance of 3 meters from the fan.

** Only for the Light model













*** For fans with humidity or motion sensors



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Accessories

| Accessory name | Description | Ceileo 200 (Light) Ceileo 250 (Light) | Ceileo 300 (Light) | Ceileo 200 (Light) T Ceileo 250 (Light) T | Ceileo 300 (Light) T |
|--------------------|---|--|--------------------|--|----------------------|
| CDP-2/10 |  Speed switch | • | • | • | • |
| HS Ceileo |  Humidity sensor | | | • | • |
| IRS Ceileo |  Motion sensor | | | • | • |
| Decor S 102 HK |  Stainless steel ventilation hood Ø 100 mm | • | | • | |
| Decor S 152 HK |  Stainless steel ventilation hood Ø 150 mm | • | • | • | • |
| Decor 155x155/100H |  Ventilation hood Ø 100 mm | • | | • | |
| Decor 185x185/150H |  Ventilation hood Ø 150 mm | • | • | • | • |
| BlauFlex PVC/102/3 |  Flexible air duct Ø 100 mm, 3 m long | • | | • | |
| BlauFlex PVC/152/3 |  Flexible air duct Ø 150 mm, 3 m long | • | • | • | • |
| K 100 |  Quick-detachable stainless steel clamp Ø 90-110 mm | • | | • | |
| K 150 |  Quick-detachable stainless steel clamp Ø 140-160 mm | • | • | • | • |
| CH-PLC-10WG23 |  10 W LED-light with colour temperature 3000 K (only for the Light models) | • | • | • | • |