

## MOON 100

SILENT &amp; ENERGY SAVING

Low-noise and low-power extract axial fan with air flow up to 85 m<sup>3</sup>/h



**Air flow:**  
85 m<sup>3</sup>/h  
24 l/s



**Power:**  
7.5 W  
**SFP:**  
0.31 W/l/s



**Noise level:**  
25 dBA



### Features



- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other residential premises.
- Modern design and aesthetic look.
- The casing, impeller and the front panel are made of high-quality and UV-resistant ABS plastic.
- The aerodynamic design of the impeller ensures high air flow and low noise level.
- The fan outlet pipe incorporates specially designed air rectifiers to reduce air turbulence, noise level and increase air pressure.
- The fan is equipped with a specially designed backdraft damper to prevent back flow and heat losses during the fan standby.
- Ventilation shaft mounting or connection to Ø 100 mm air ducts.

### Motor

- Reliable motor with low energy demand.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.

### Options



| Model                | Moon 100 / Moon 100 (220-240V/60Hz) |   |    |   |    |
|----------------------|-------------------------------------|---|----|---|----|
|                      | S                                   | T | ST | H | SH |
| Pull cord switch     | •                                   |   | •  |   | •  |
| Turn-on delay timer  |                                     | • | •  | • | •  |
| Turn-off delay timer |                                     | • | •  | • | •  |
| Humidity sensor      |                                     |   |    | • | •  |

- Turn-on delay timer**
  - Adjustable delay time from 10 seconds to 2 minutes.
- Turn-off delay timer**
  - Adjustable delay time from 2 to 30 minutes.
- Humidity sensor**
  - Humidity sensor activation threshold is adjustable from 60 % to 90 %.

### Control

#### Manual:

- The fan is operated via a light switch (not included in the delivery set).
- The fan is operated via the built-in pull cord «S» (option).

#### Automatic:

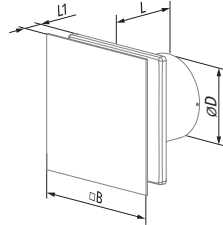
- By the MCD 60/0.3 electronic control unit. The control unit is supplied separately.
- By the timer (option). When the fan is turned on by the external switch, the turn-on delay timer is activated for 10 seconds up to 2 minutes. After the external switch is turned off the fan keeps operating for a set turn-off delay time period, adjustable from 2 to 30 minutes.
- By the timer and the humidity sensor (option). If the humidity level in the room exceeds the set value (60–90 %), the fan switches on automatically after the turn-on delay timer has completed and operates until the humidity level drops to the standard level. Then the fan continues operating within the time period according to the turn-off delay timer setting (from 2 to 30 minutes) and shuts down.

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## Overall dimensions and mounting

- The fan is installed directly into the ventilation shaft.
- Flexible duct connection is recommended in case of the remote ventilation shaft location. The air duct is connected to the fan exhaust flange through a clamp.
- Wall fixing with screws.



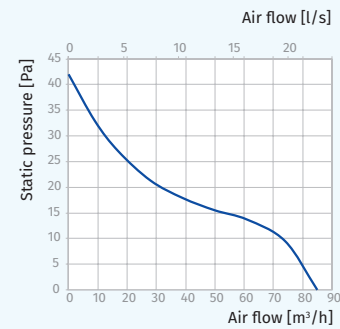
| Dimensions [mm] | Ø D | B   | L  | L1 |
|-----------------|-----|-----|----|----|
| Moon 100        | 99  | 160 | 79 | 38 |

### Designation key

|       |                 |        |
|-------|-----------------|--------|
| Moon  | 100             | H      |
| Model | Spigot diameter | Option |

## Technical data

| Model                              | Moon 100 | Moon 100 (220-240V/60Hz) |
|------------------------------------|----------|--------------------------|
| Voltage [V]                        | 220-240  |                          |
| Frequency [Hz]                     | 50       | 60                       |
| Power [W]                          | 7.5      |                          |
| Current [A]                        | 0.05     |                          |
| RPM [min <sup>-1</sup> ]           | 2000     |                          |
| Air flow [m <sup>3</sup> /h] (l/s) | 85 (24)  |                          |
| SFP [W/l/s]                        | 0.31     |                          |
| Noise level [dBA]                  | 25       |                          |
| Weight [kg]                        | 0.51     |                          |



## Application example



### Accessories

| Duct system | Flexible air ducts | Grilles and hoods | Speed controllers   | Clamps |
|-------------|--------------------|-------------------|---------------------|--------|
|             |                    |                   |                     |        |
| BlauPlast   | BlauFlex           | Decor, GM         | CDT E1.8 MCD 60/0.3 | K, KZ  |