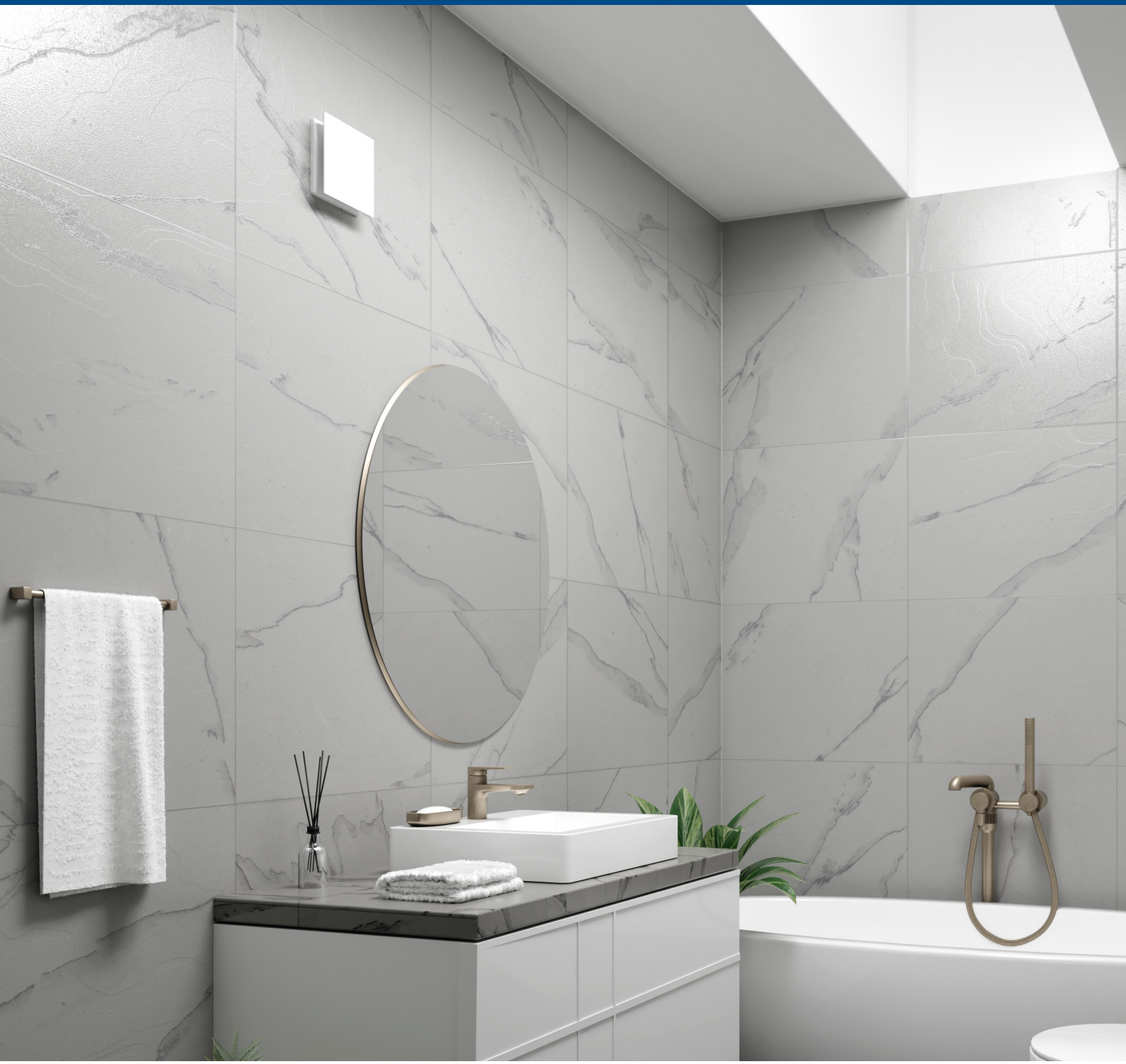
Bathroom Extract Fans

Residential Ventilation



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BEF - B

Bathroom fans for exhaust ventilation with air capacity up to 280 m³/h

Features and advantages at a glance

Application

- Continuous or periodic exhaust ventilation of bathrooms, showers, kitchens and other utility spaces.
- Ventilation shaft mounting or duct connection.
- Low to medium air flow motion for short distances at low air resistance.
- Compatible with Ø100, Ø120, Ø125 and Ø150 mm air ducts.

Design

- Modern design and aesthetic look.
- The casing and the impeller are made of high-quality durable, UV resistant ABS plastic.
- The intellectual impeller design makes the fan efficiency high and the service life long.
- Insect screen.

Motor

- Reliable and efficient electric motor.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.

Control

- The fan is controlled by a room light switch. It is not included in the delivery set.

Mounting features

- The fan is mounted directly into the ventilation shaft.
- In case of remote location of the ventilation shaft, flexible air ducts may be used. The air duct is connected to the fan exhaust flange through a clamp.
- Mounted to the wall using screws.
- Suitable for ceiling mounting.

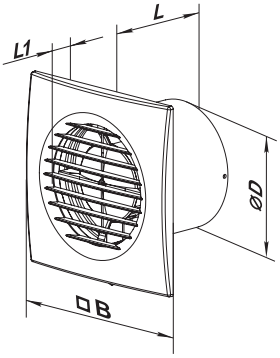
Technical data

Model	Frequency	Voltage	Power Consumption	Current	Maximum Airflow	Specific Power	Sound Pressure Level	Weight	IP
	Hz	V	W	A	m³/h	W/l/s	dBA*	kg	IP
BEF - B 100	50	220-240	14	0.09	95	0.53	34	0.58	34
	60	220							
BEF - B 125	50 60	220-240 220	16	0.1	180	0.32	35	0.74	34
BEF - B 150	50	220-240	25	0.17	280	0.32	34	0.92	34
	60	220							

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

Dimensions

Model	Dimensions, mm				
	Ø D	B	H	L	L1
BEF - B 100	100	150	125	97	15
BEF - B 125	125	175	140	101	15
BEF - B 150	150	205	165	117	15



Installation example

BEF - D

Bathroom fans for exhaust ventilation with air capacity up to 155 m³/h

Features and advantages at a glance

Application

- Permanent or intermittent extract ventilation of shower rooms, bathrooms, kitchens and other residential premises.
- Ventilation of premises with high requirements to noise level.
- Mounting into ventilation shafts or connection to Ø100 and Ø125 mm air ducts.

Design

- Modern design and aesthetic look.
- The casing, the impeller and the front panel are made of high-quality and durable UV-resistant plastic.
- The specially designed aerodynamic profile of mixed-flow impeller provides high air flow and pressure combined with low-noise operation.

Motor

- Reliable and efficient electric motor.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.

Control

- The fan is controlled by a room light switch. It is not included in the delivery set.

Mounting features

- Direct installation inside a ventilation shaft.
- In case of remote location of the ventilation shaft, flexible air ducts may be used. The air duct is connected to the fan exhaust flange through a clamp.
- Wall mounting with screws.
- Suitable for ceiling mounting.

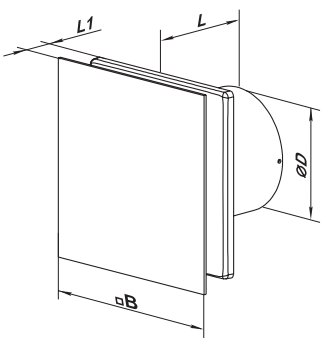
Technical data

Model	Frequency	Voltage	Power Consumption	Current	Maximum Airflow	RPM	Sound Pressure Level	Weight	IP
	Hz	V	W	A	m³/h	min⁻¹	dBA*	kg	IP
BEF - D 100	50 60	220-240 220	8	0.05	85	2000	27	0.51	44
BEF - D 125	50 60	220-240 220	18	0.11	155	2200	32	0.75	44

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

Dimensions

Model	Dimensions, mm			
	Ø D	B	L	L1
BEF - D 100	99	160	79	38
BEF - D 125	123.5	180	85	38



Installation example

BEF - F

Bathroom fans for exhaust ventilation with air capacwity up to 110 m³/h

Options

- BEF - F/T – equipped with a turn-on delay timer (1, 2 or 5 minutes), a turnoff delay timer (5, 15 or 30 minutes) and an interval timer (for 30 minutes every 4 hours).
- BEF - F/TH – equipped with a turn-on delay timer (1, 2 or 5 minutes), a turn-off delay timer (5, 15 or 30 minutes), an interval timer (for 30 minutes every 4 hours) and with humidity sensor.

Features and advantages at a glance

Application

- Continuous or periodic exhaust ventilation of bathrooms, showers, kitchens and other utility spaces.
- Ventilation shaft mounting or duct connection.
- Designed for high-resistance ventilation duct systems.
- Compatible with Ø100 mm air ducts.

Design

- Modern design and aesthetic look.
- The casing and the impeller are made of high-quality durable, UV resistant ABS plastic.
- The easy to use removable front panel and dishwasher washable filter element protects the fan internal components against penetration.
- The centrifugal fan impeller has forward-curved blades for high pressure and low noise levels.

Motor

- Reliable and efficient electric motor.
- Equipped with overheating protection.

Control

- The fan is controlled by a room light switch. It is not included in the delivery set.

Mounting features

- Flexible duct application is recommended in case of remote location of the ventilation shaft. The air duct is connected to the fan exhaust flange through a clamp.
- Wall mounting with screws.
- Suitable for ceiling mounting.

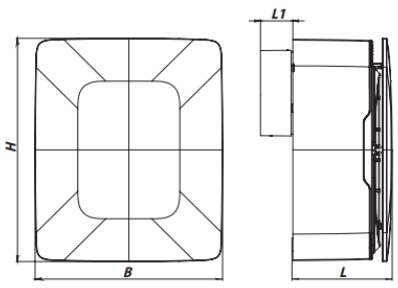
Technical data

Model	Speed	Frequency	Voltage	Power Consumption	Current	Maximum Airflow	Specific Power	Sound Pressure Level	IP
		Hz	V	W	A	m³/h	W/l/s	dBA*	IP
BEF - F 100 T/TH	min.	50	220-240	11	0.081	55	0.72	20	45
	max.			26	0.116	110	0.85	36	

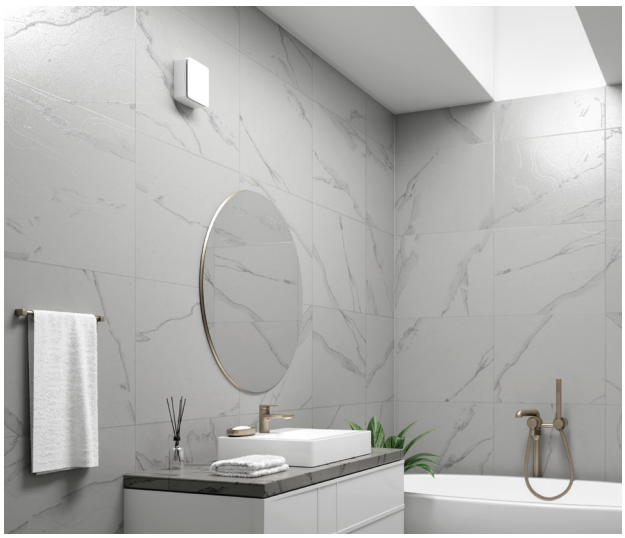
*Sound pressure level measured in free space at a distance of 3 meters from the fan.

Dimensions

Model	Dimensions, mm			
	B	H	L	L1
BEF - F 100	215	256	115	37



Installation example



BEF - P

Bathroom fans for exhaust ventilation with air capacity up to 252 m³/h

Features and advantages at a glance

Application

- Continuous or periodic exhaust ventilation of bathroom, showers, kitchens and other utility spaces.
- Ventilation shaft mounting or duct connection.
- Low to medium air flow motion for short distances at low air resistance.
- Compatible with Ø100, Ø125 and Ø150 mm air ducts.

Design

- Modern design and aesthetic look.
- The casing and the impeller are made of high-quality durable, UV resistant ABS plastic.
- The impeller design makes the fan efficient and durable.

Control

- The fan is controlled by a room light switch. It is not included in the delivery set.

Motor

- Reliable and efficient electric motor.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.

Mounting features

- The fan is mounted directly into the ventilation shaft
- In case of remote location of the ventilation shaft flexible air ducts may be used.
- The air duct is connected to the fan exhaust flange through a clamp.
- Wall mounting with screws.
- Suitable for ceiling mounting.

Options

- BEF - P/TH - modification with turn-off delay timer regulated from 2 min. to 30 min. and a humidity sensor regulated from 60 % up to 90 %.

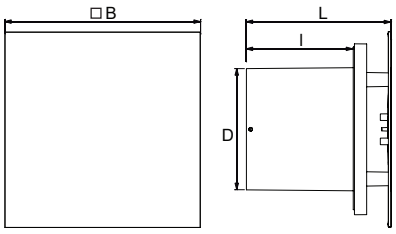
Technical data

Model	Frequency	Voltage	Power	Current	Maximum Airflow	Specific Power	Sound Pressure Level	RPM	IP
	Hz	V	W	A	m³/h	W/l/s	dBA*	min⁻¹	IP
BEF - P 100/100 TH	50/60	220-240	14	0.09	92	0.5	34	2300	24
BEF - P 125	50/60	220-240	16	0.12	174	0.32	35	2400	24
BEF - P 150	50	220-240	23	0.161	252	0.3	34	2200	24

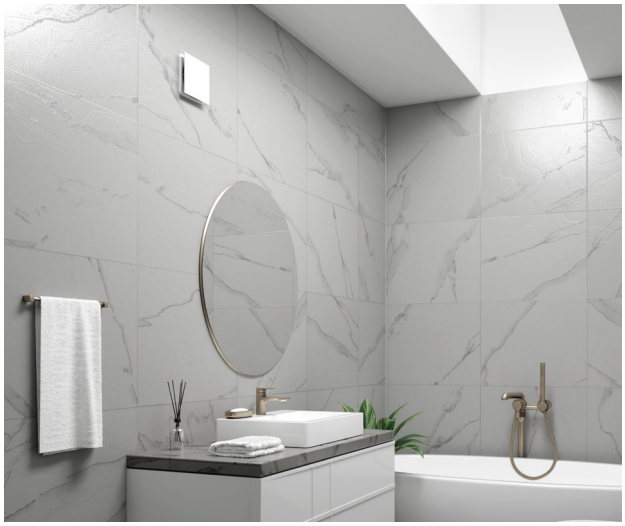
*Sound pressure level measured in free space at a distance of 3 meters from the fan.

Dimensions

Model	Dimensions, mm			
	Ø D	B	I	L
BEF - P 100	100	160	88	119
BEF - P 125	125	180	88	122
BEF - P 150	150	180	106	125



Installation example



BEF - I

Bathroom fans for exhaust ventilation with air capacity up to 298 m³/h

Features and advantages at a glance

Application

- Continuous or periodic exhaust ventilation of bathrooms, showers, kitchens and other utility spaces.
- Exhaust or supply ventilation depending on the fan mounting type in the system.
- Designed for PVC ducting systems or flexible ducts.
- Compatible with Ø100, Ø125 and Ø150 mm air ducts.

Design

- The casing and the impeller are made of high-quality durable, UV resistant ABS plastic.
- The impeller design makes the fan efficient and durable.

Motor

- Reliable and efficient electric motor.
- Designed for continuous operation and requires no maintenance.
- Equipped with overheating protection.

Control

- The fan is controlled by a room light switch. It is not included in the delivery set.

Mounting features

- The fan is mounted into a matching duct size. Fastening with clamps in case of flexible duct connection.
- Two fans can be installed in series for higher performance.

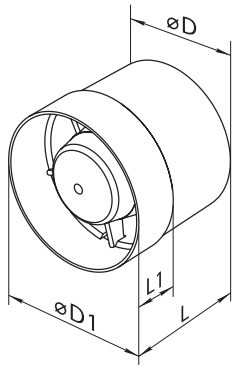
Technical data

Model	Frequency	Voltage	Power Consumption	Current	Maximum Airflow	Sound Pressure Level	Weight	RPM
	Hz	V	W	A	m³/h	dBA*	kg	min⁻¹
BEF - I 100	50	220-240	14	0.085	107	36	0.41	2300
	60	220						
BEF - I 125	50 60	220-240 220	16	0.1	185	38	0.48	2400
BEF - I 150	50	220-240	24	0.13	298	40	0.80	2400
	60	220						

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

Dimensions

Model	Dimensions, mm			
	Ø D	Ø D1	L	L1
BEF - I 100	100	104	91	31
BEF - I 125	125	130	92	31
BEF - I 150	150	154	111	46



Installation example

BEF - IQ

Bathroom fans for exhaust ventilation with air capacity up to 335 m³/h

Features and advantages at a glance

Application

- Continuous or periodic ventilation of bathrooms, showers, kitchens and other utility spaces.
- Maximum air flow combined with low noise level ensures an ideal room microclimate.
- Exhaust or supply ventilation depending on fan installation in the system.
- Designed for plastic (flexible) ducts.
- Compatible with Ø100, Ø125 and Ø150 mm air ducts.

Design

- The casing and the impeller ar made of high-quality durable plastic.
- The exhaust spigot is fitted with specially designed air flow rectifiers to reduce air turbulence, noise level and increase air pressure.

Motor

- Reliable and efficient electric motor.
- Equipped with overheating protection.
- The motor rests on rubber anti-vibration connectors to ensure low-noise operation of the fan.

Control

- The fan is controlled by a room light switch. It is not included in the delivery set.

Mounting features

- The fan is mounted into a matching duct size. Fastening with clamps in case of flexible duct connection.
- Two fans can be installed in series for higher performance.

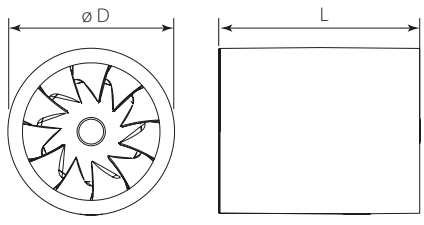
Technical data

Model	Frequency	Voltage	Power Consumption	Current	Maximum Airflow	Sound Pressure Level	Weight	RPM
	Hz	V	W	A	m³/h	dBA*	kg	min⁻¹
BEF - IQ 100	50	220-240	7.5	0.049	100	25	0.61	2100
	60	220						
BEF - IQ 125	50 60	220-240 220	13	0.085	197	32	0.75	2250
BEF - IQ 150	50/60	220-240	22	0.095	335	39	1.3	2250

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

Dimensions

Model	Dimensions, mm	
	Ø D	L
BEF - IQ 100	99	138
BEF - IQ 125	124	162
BEF - IQ 150	149	182



Installation example

BEF - Q

Bathroom fans for exhaust ventilation with air capacity up to 97 m³/h

Features and advantages at a glance

Application

- Innovative exhaust fan with stylish design for new comfort level in shower rooms, bathrooms, kitchens and other residential premises.
- Maximum air flow combined with low noise level provide the ideal microclimate.
- Mounting into ventilation shafts or connection to with Ø100 mm.

Design

- The casing and the impeller are made of high-quality durable, UV resistant ABS plastic.
- Specially designed impeller aero dynamic profile provides high air flow and low noise.
- The compact design enables wall and ceiling mount.
- The shortened spigot for mounting into a ventilation shaft or connection to 100 mm air ducts.
- The fan is equipped with a specially designed back valve to prevent back flow and heat losses during the fan standby.
- The fan exhaust spigot incorporates specially designed air rectifiers to reduce air turbulence, increase air pressure and lower noise level.
- High ingress protection rating makes the fan the ideal solution for ventilation of a bathroom. The electronic components are protected with tight covers.

Motor

- Reliable and efficient electric motor.
- Motor equipped with overheating protection.

Control

- Manual control with a room light switch. The switch is not included into delivery set.
- Automatic control. By the humidity sensor and timer TH. TP timer only.

Mounting features

- Installation directly inside a ventilation shaft.
- Suitable for ceiling mounting.

Options

- BEF - Q/TH – off-delay timer modification with the operating time from 2 to 30 min. and humidity sensor with threshold from 60 % to 90 %.
- BEF -Q/TP - modification with off-delay timer with operating time from 2 min. to 30 min. and motion sensor. Reach distance up to 4 m., viewing angle up to 100°.

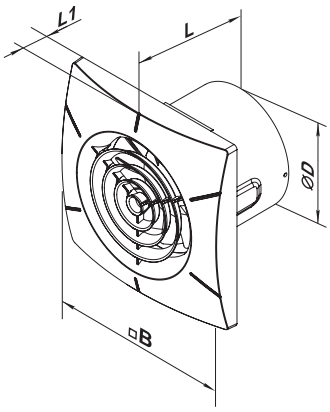
Technical data

Model	Frequency	Voltage	Power Consumption	Current	Maximum Airflow	Weight	Sound Pressure Level	IP
	Hz	V	W	A	m³/h	kg	dBA*	IP
BEF - Q 100/TH/TP	50	220-240	7.5	0.049	97	0.58	25	45

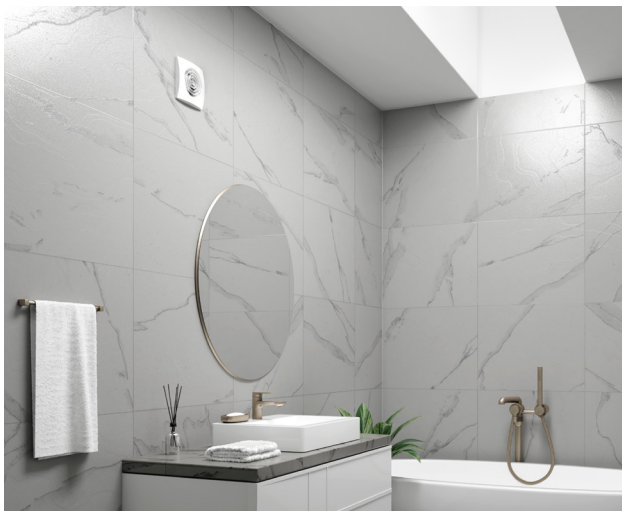
*Sound pressure level measured in free space at a distance of 3 meters from the fan.

Dimensions

Model	Dimensions, mm			
	Ø D	B	L	L1
BEF - Q 100	100	158	107	26



Installation example



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