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ER 100 GVZ



Short description

Fan insert with cover and filter for installation in recessed-mounted housings, air volume 101 m³/h, with base load circuit and time delay switch

Application examples

Bathroom, Kitchen, Multiple family unit, Day room, Dining room

Article number

0084.0139

Technical data

| Model | Base load and delay time circuit | | |
|---|------------------------------------|--|--|
| Air flow volume | 35 m³/h / 101 m³/h | | |
| Rotating speed | 850 1/min / 1.900 1/min | | |
| Air direction | Air extraction | | |
| Speed controllable | - | | |
| SEC average | -6,5 kWh/(m²*a) | | |
| Type of voltage | Alternating current | | |
| Rated voltage | 230 V | | |
| Frequency | 50 Hz | | |
| Power consumption | 9 W / 29,5 W | | |
| I _{max} | 0,09 A / 0,14 A | | |
| Degree of protection | IP X5 | | |
| Mains cable | 5 x 1,5 mm² | | |
| Installation site | Wall / Ceiling | | |
| Type of installation | Recessed-mounted | | |
| System type | Decentralised | | |
| Material | Synthetic material | | |
| Colour | Traffic white, similar to RAL 9016 | | |
| Weight | 1,49 kg | | |
| Weight including packaging | 1,77 kg | | |
| Filter class | ISO Coarse 30 % (G2) | | |
| Air outlet direction | at side | | |
| Width | 250 mm | | |
| Height | 250 mm | | |
| Depth | 150 mm | | |
| Width with packaging | 280 mm | | |
| Height with packaging | 280 mm | | |
| Depth with packaging | 155 mm | | |
| Airstream temperature at I _{Max} | 40 °C | | |

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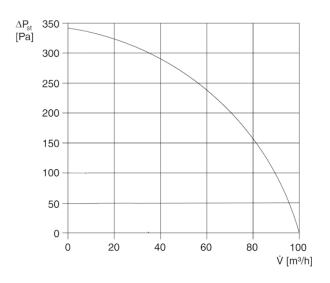
| Overrun time | 6 min | | | |
|----------------------|--|--|--|--|
| Start delay | 50 s | | | |
| Sound pressure level | 26 dB(A) / 45 dB(A) (Specifications in accordance with DIN 18017-3 | | | |
| | at an equivalent absorption area $A_L = 10 \text{ m.}^2$) | | | |
| Packing unit | 1 piece | | | |
| Range | В | | | |
| GTIN (EAN) | 4012799841395 | | | |

Sound power level in octave range

| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|-------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| L _{WA7} , low | - | - | - | - | - | - | - | - | 30 |
| (dB(A)) | | | | | | | | | |
| L _{WA7} , high | - | - | - | - | - | - | - | - | 49 |
| (dB(A)) | | | | | | | | | |

 L_{WA7} = housing and free inlet sound power level in dB.

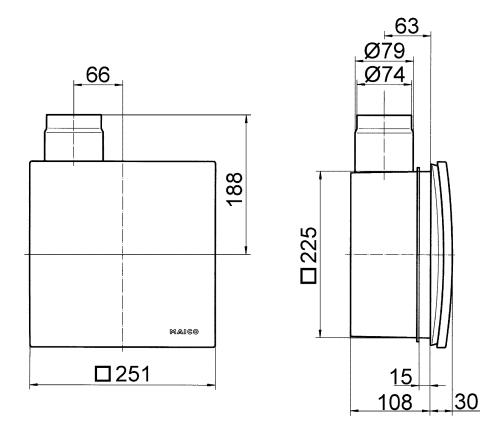
Characteristic curve



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Dimensioned drawing [mm]



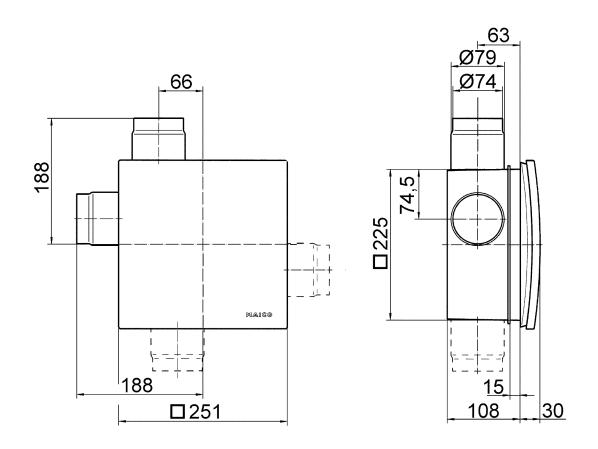


ER fan insert with recessed-mounted housing ER-UP/G or ER-UPD

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Dimensioned drawing [mm]





ER fan insert with recessed-mounted housing ER-UP/G or ER-UPD and second room connection