Features

- Intelligent electronics and integrated functions for the ideal microclimate.
- High air capacity up to 133 m³/h and silent operation due to a specially designed motor and aerodynamic profiled impeller.
- High-efficient DC motor with low energy demand of max. 3.8 W and reliable non-stop operation rated for above 50,000 hours.
- Impulse-type power supply unit with a wide power supply range from 100 to 240 V, 50-60 Hz provides uninterruptible operation in electrical grids with versatile power supply standards.
- The fan has automatic power shutoff function in case of the motor jam.
- Low noise level due to specially designed fixation of the motor and the impeller on a vibration absorbing mount.
- The built-in slide switch makes it easy to disconnect the fan from power mains for safe operation.
- Ultrathin casing with 28 mm thickness.
- Versatile mounting – vertical or horizontal installation.
- Function setup and fan control from a remote controller.
- Replaceable connecting piece for connection to Ø100 or 125 mm air ducts.

Use

- Smart exhaust fans with stylish design for enhanced comfort in bathrooms, shower rooms, kitchens.

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Modes and functions

- The fan is developed with respect to the latest intelligent ventilation technologies:

  **INTELLIGENT HUMIDITY SENSOR**

- The fan is equipped with an intelligent humidity sensor for automatic control of natural indoor climate.

  **QUIET** – the balanced humidity extraction mode that provides sufficient air capacity (up to 83 m³/h) combined with silent operation. This mode is recommended for small bathrooms.

  **MAXIMAL** – excessive humidity extraction mode with maximum air capacity up to 133 m³/h. This mode is recommended to the bathrooms above 6 m².

-TIMER

- The fan is equipped with three various timer types for the most comfortable microclimate:

  **HUMIDITY TIMER** – adjustment of the operation time of the fan for total humidity removal after stabilization of its level, adjustable for 30, 45, 60 min.

  **TURN-OFF DELAY TIMER** – after activation of the IR motion sensor or the external switch the fan continues operating within 5, 15 or 30 min and then reverts to previous operation mode.

  **TURN-ON DELAY TIMER** – if you have to visit your bathroom frequently and briefly, adjust the turn-on delay function to avoid unnecessary switching of the fan. The fan switches to higher speed in 0, 2 or 5 minutes after the humidity level increase or activation of the IR motion sensor.

Overall and mounting dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions [mm]</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>a</td>
</tr>
<tr>
<td>SMART</td>
<td>155.5</td>
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<tr>
<td>SMART IR</td>
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Technical data

<table>
<thead>
<tr>
<th>Connecting piece</th>
<th>Mode</th>
<th>Maximum air capacity [m³/h]</th>
<th>Noise level [dB(A) 3m]</th>
<th>Air capacity, factory settings [m³/h]</th>
<th>Control range [m³/h]</th>
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<tbody>
<tr>
<td>100</td>
<td>24 hours</td>
<td>33</td>
<td>17</td>
<td>33</td>
<td>-</td>
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<td>Quiet</td>
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<td>31</td>
<td>82</td>
<td>72...106</td>
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<tr>
<td>125</td>
<td>24 hours</td>
<td>40</td>
<td>17</td>
<td>40</td>
<td>-</td>
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<tr>
<td></td>
<td>Quiet</td>
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<td>21</td>
<td>83</td>
<td>40...83</td>
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<tr>
<td></td>
<td>Maximal</td>
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<td>32</td>
<td>97</td>
<td>83...133</td>
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