INTELLECTUAL FANS

iFan iFan Move Series

Intellectual axial fans for exhaust ventilation with air flow up to 133 m³/h

Application
- Innovative exhaust fan with stylish design for new comfort level in shower rooms, bathrooms, kitchens and other residential premises.
- Intellectual integrated control functions let adjust personal settings for the most balanced microclimate.

Design
- Unique motor design and aerodynamic impeller profile ensure the minimum noise level – only 21 dBA whereas the air flow remains high.
- Front panel 3D design and rich colour palette of replaceable decorative panels give zest to the most refined interior.
- Due to replaceable spigots the fan is suitable for mounting with Ø 100 or Ø 125 mm air ducts.

Motor
- Reliable motor on ball bearings with minimum energy demand up to 3.8 W.
- The bearings are maintenance-free and are filled with grease for the motor service life.
- The fan is powered through an integrated pulse power supply unit with a wide power supply range from 100 to 240 V and 50 to 60 Hz. The fan is suitable for application in various countries and has stable operation in versatile power mains.
- The motor is installed on a rubber anti-vibration connector for vibration absorbing and silent fan operation.
- The motor is equipped with overheating protection.

Modifications and Options
- Multi-functional control panel for control of intellectual functions.

Intellectual functions
- The fan is equipped with an intellectual humidity sensor with three operation modes:
  - SLEEP – the fan is ready to accept a signal from the humidity sensor or external switch.
  - SILENT – optimum humidity extraction mode that provides sufficient air flow (up to 83 m³/h) combined with silent operation.
  - MAX – excessive humidity extraction mode with highest speed and maximum air flow (up to 133 m³/h).

HUMIDITY MODE / Humidity control adjustments
- The fan is equipped with an intellectual humidity sensor with three operation modes:
  - SLEEP – the fan is ready to accept a signal from the humidity sensor or external switch.
  - SILENT – optimum humidity extraction mode that provides sufficient air flow (up to 83 m³/h) combined with silent operation.
  - MAX – excessive humidity extraction mode with highest speed and maximum air flow (up to 133 m³/h).

TIMER / Control of time / humidity extraction / switch delay time / turn-off delay time
- The fan is equipped with three timers:
  - Humidity timer – setting of the fan operation for total humidity extraction after its stabilization (30, 45, 60 min).
  - Turn-off timer – the fan continues operation for 5, 15 or 30 minutes after activation of the motion sensor or the external switch and then reverts to the previous operation mode.
  - Switch delay timer – adjust the switch delay timer to avoid the fan unnecessary switching if you use your bathroom shortly and frequently.

SPEED / Fan speed adjustments
- The fan has smooth ten step speed control:
  - for SILENT mode: from 40/33 to 83/72 m³/h (Ø 125/100 mm);
  - for MAX mode: from 83/72 to 133/106 m³/h (Ø 125/100 mm).

24 HOURS / Permanent ventilation
- Permanent low-speed operation mode ensures continuous minimum air exchange in the room with air flow 40/33 m³/h (Ø 125/100 mm). After humidity change the fan is switched to MAX mode (by default) or SILENT mode. The fan is switched to SILENT mode after signal from the motion sensor or external switch.

Automatic interval ventilation
- Integrated function of automatic ventilation switching. Once in 15 hours the fan is switched on for 2 hours to ventilate the premise with air flow 83/72 m³/h (Ø 125/100 mm).

MOVE / Motion sensor (for the model iFan Move)
- The fan is switched to SILENT mode automatically in case of a signal from the motion sensor with the reach distance 1-4 m and viewing angle 100°.
Decorative front panel colours*

- melange
- silver
- ruby star
- topaz violet
- graphite
- black sapphire

* The decorative panels are available separately.

Aerodynamic characteristics

![Aerodynamic characteristics graph]

Overall dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ø D</td>
</tr>
<tr>
<td>iFan 100/125</td>
<td>152</td>
</tr>
<tr>
<td>iFan Move</td>
<td></td>
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</tbody>
</table>

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Spigot diameter (mm)</th>
<th>Mode</th>
<th>Max. air capacity [m³/h]</th>
<th>Sound Pressure Level at 3 m [dBA]</th>
<th>Air flow, factory settings [m³/h]</th>
<th>Regulation range [m³/h]</th>
</tr>
</thead>
<tbody>
<tr>
<td>iFan 100</td>
<td>100</td>
<td>24 HOURS</td>
<td>33</td>
<td>17</td>
<td>33</td>
<td>-</td>
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<td>SILENT</td>
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<td>22</td>
<td>72</td>
<td>33...72</td>
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<tr>
<td></td>
<td></td>
<td>MAX</td>
<td>106</td>
<td>31</td>
<td>82</td>
<td>72...106</td>
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<tr>
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<td>40</td>
<td>17</td>
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<td>83</td>
<td>40...83</td>
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<td></td>
<td>MAX</td>
<td>133</td>
<td>32</td>
<td>97</td>
<td>83...133</td>
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Certificates

- The fans meet the applicable safety and electromagnetic compatibility standards.