NEW

Ducto 100
Ducto 125
Ducto 150

Brand new low-noise axial inline fans for exhaust or supply ventilation with superior capacity up to 375 m³/h

- **Use**
  - Continuous or periodic exhaust ventilation of bathroom, 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.
  - From low to medium air flow motion for short distances at low air resistance.
  - Compatible with Ø 100, 125 and 150 mm air ducts.

- **Application**
  - Residential premises
  - Flats, cottages
  - Offices
  - Utility spaces
  - Trade premises
  - Restaurants
  - Health care facilities
  - Child care facilities

- **Features**
  - The casing and the impeller are made of high-quality durable plastic.
  - Specially designed mixed-flow impeller profile ensures high air capacity and low noise level.
  - Protection rating IPX4.
  - Low energy usage from 4.5 W.
  - The models of Blauberg Ducto Series are equipped with a single-phase motor and are available in single- or two speed modifications.
  - The motors have thermal overheating protection for motor overload prevention.
  - The motor is mounted on special anti-vibration dampers.

- **Options**
  - **Ducto Plus** – reliable single-phase two speed motor.
  - **Ducto Power Plus** – two-speed high-powered motor.
  - **Ducto T** – modification with a regulated timer with the operating time from 2 to 30 minutes.
  - **Ducto W1** – modification with a power cord with IEC C14 electric plug.
  - **Ducto-U** – modification with a fixing bracket for flat surface mounting.

- **Control**
  - Manual speed control with a room light switch. It is not included in the delivery package.
  - Smooth speed control with a thyristor speed controller (see Electrical Accessories). Several fans may be connected to the same controller. The models with timer are not compatible with a speed controller.

- **Operation modes of fans with timer**
  - **Mode 1 (single-speed mode)**
    - The fan is turned off by default.
    - The fan starts operating with the 1st speed when the switch is closed.
  - **Mode 2 (single-speed mode)**
    - The fan is turned off by default.
    - The fan starts operating with the 2nd speed when the switch is closed.
  - **Mode 3 (two-speed mode)**
    - The fan operates with the 1st speed by default.
    - The fan switches to the 2nd speed when the switch is closed.
  - **Mode 4 (automatic interval mode)**
    - The fan operates at the 1st speed by default. Each set time (adjustable from 1 to 15 hours) the fan switches to the 2nd speed automatically and reverts back to 1st speed after 2 - 30 minutes operation with maximum capacity.

- **Mounting**
  - The fan is mounted into a matching duct size. Fastening with clamps in case of flexible duct connection.
  - The mounting bracket enables installation of the fan on horizontal and vertical flat surfaces (Ducto-U model).
  - Two fans can be installed in series for higher operation pressure.

**Ducto-U** – fan with a fixing bracket for flat surface mounting
Aerodynamic characteristics

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Speed</th>
<th>Voltage [V] at 50/60 Hz</th>
<th>Power Consumption [W]</th>
<th>Current [A]</th>
<th>RPM [min⁻¹]</th>
<th>Maximum air capacity [m³/h]</th>
<th>Sound Pressure Level at 3 m [dB(A)]</th>
<th>Weight [kg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ducto 100</td>
<td>-</td>
<td>220-240</td>
<td>7.5</td>
<td>0.049</td>
<td>2100</td>
<td>110</td>
<td>25</td>
<td>0.61</td>
</tr>
<tr>
<td>Ducto Plus 100</td>
<td>min</td>
<td>220-240</td>
<td>4.5</td>
<td>0.029</td>
<td>1650</td>
<td>75</td>
<td>22</td>
<td>0.75</td>
</tr>
<tr>
<td></td>
<td>max</td>
<td></td>
<td></td>
<td></td>
<td>2100</td>
<td>110</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Ducto 125</td>
<td>min</td>
<td>220-240</td>
<td>7.5</td>
<td>0.049</td>
<td>2100</td>
<td>110</td>
<td>25</td>
<td>0.75</td>
</tr>
<tr>
<td></td>
<td>max</td>
<td></td>
<td></td>
<td></td>
<td>2250</td>
<td>215</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Ducto Plus 125</td>
<td>min</td>
<td>220-240</td>
<td>10</td>
<td>0.065</td>
<td>1950</td>
<td>155</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td></td>
<td>max</td>
<td></td>
<td></td>
<td></td>
<td>2250</td>
<td>215</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Ducto 150</td>
<td>min</td>
<td></td>
<td></td>
<td></td>
<td>2250</td>
<td>340</td>
<td>39</td>
<td>1.3</td>
</tr>
<tr>
<td></td>
<td>max</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ducto Plus 150</td>
<td>min</td>
<td>220-240</td>
<td>22</td>
<td>0.095</td>
<td>2250</td>
<td>340</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td></td>
<td>max</td>
<td></td>
<td></td>
<td></td>
<td>2250</td>
<td>340</td>
<td>39</td>
<td></td>
</tr>
<tr>
<td>Ducto Power Plus 150</td>
<td>min</td>
<td>220-240</td>
<td>22</td>
<td>0.103</td>
<td>2300</td>
<td>285</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>max</td>
<td></td>
<td></td>
<td></td>
<td>2600</td>
<td>375</td>
<td>41</td>
<td></td>
</tr>
</tbody>
</table>

Overall dimensions, mm

<table>
<thead>
<tr>
<th>Model</th>
<th>L</th>
<th>Ø D</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ducto 100</td>
<td>137.5</td>
<td>100</td>
<td>-</td>
</tr>
<tr>
<td>Ducto-U 100</td>
<td>137.5</td>
<td>100</td>
<td>53.5</td>
</tr>
<tr>
<td>Ducto 125</td>
<td>161.5</td>
<td>125</td>
<td>-</td>
</tr>
<tr>
<td>Ducto-U 125</td>
<td>161.5</td>
<td>125</td>
<td>53.5</td>
</tr>
<tr>
<td>Ducto 150</td>
<td>181.5</td>
<td>150</td>
<td>-</td>
</tr>
<tr>
<td>Ducto-U 150</td>
<td>181.5</td>
<td>150</td>
<td>53.5</td>
</tr>
</tbody>
</table>