EC CONTROLLERS

PRESSURE CONTROLLER

DESCRIPTION
The differential pressure controller (non-aggressive gas) can be configured with four measuring ranges. Depending on the desired set point value and control range, the sensor control module generates 0-10 V to control the EC fan.

Features
- Quick and easy to install and commission
- Pre-set parameters control the fan's speed in proportion to demand
- 24V supply from control unit
- Digital input (10-24V DC) for switch over between Set point 1 and Set point 2 (e.g. for day / night, summer / winter)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Measuring Range</th>
<th>Mount Type</th>
<th>Protection Class</th>
<th>Dimensions, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCV-CU-CPG-200AV</td>
<td>0-50 / 100 / 150 / 200 Pa</td>
<td>Wall</td>
<td>IP54</td>
<td>114W x 108H x 56D</td>
</tr>
<tr>
<td>DCV-CU-CPG-1000AV</td>
<td>0-200 / 300 / 500 / 1000 Pa</td>
<td>Wall</td>
<td>IP54</td>
<td>114W x 108H x 56D</td>
</tr>
</tbody>
</table>

0-10V EC SPEED CONTROLLER

DESCRIPTION
The manually adjustable, 0-10V speed controller has been specially developed for stepless speed adjustment of EC fans that accept a 0-10V control signal. It is available as a wall mount switch plate and a standalone controller for mounting on or near the fan enclosure.

Features
- Quick and easy to install
- Incorporates an enable/disable switch
- EC fans with integrated speed control can be activated directly

Note
The 0-10V speed controller is designed for 10VDC only. It requires a 10V (25mA) power supply.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Max. mA</th>
<th>Mounting</th>
<th>Dimensions, mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCV-POT10K-WM</td>
<td>25</td>
<td>Recess</td>
<td>72W x 117H x 40D</td>
</tr>
<tr>
<td>DCV-POT10K-FM*</td>
<td>25</td>
<td>Standalone</td>
<td>110W x 35H x 135D</td>
</tr>
</tbody>
</table>

*The DCV-POT10K-FM is designed to be mounted on or near the fan enclosure.

WIRING DIAGRAM