

The Retrotec 2000 and 3000 model fans will measure airflow over a very wide range. The wide open range “Open(22)” yeilds the most flow but as the fan speed is decreased the flow pressure signal drops too low to be accurate. Flow plates are then installed to restrict the fan inlet forcing the fan speed to be increased which increases the flow pressure signal. Use the fan range configurations shown below to optimize the flow pressure readings. If you cannot achieve the desired building pressure, use a more open range. If your gauge says “FLOW TOO LOW”, change to a lower, more restrictive range.

Large flow ranges for large and leaky buildings

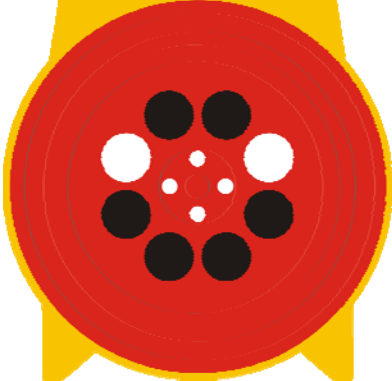
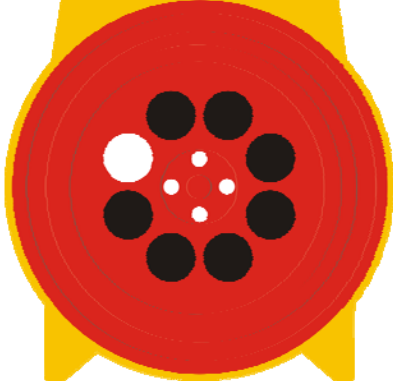

Retrotec model 2000 and 3000 fans have three high flow range options:

<p>The Open(22) range configuration: all flow plates are removed.</p>	<p>The A range: only the largest ring is installed.</p>	<p>Range B: add the B ring on top of the A ring and is a good place to start a test.</p>

C Medium flow Ranges for average to tight buildings and enclosures

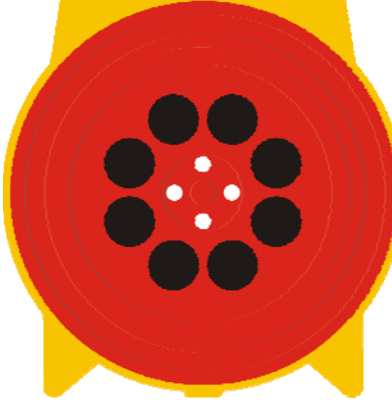
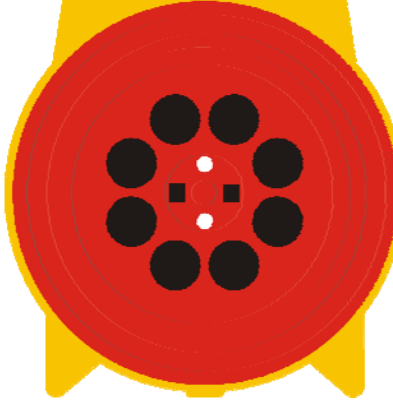
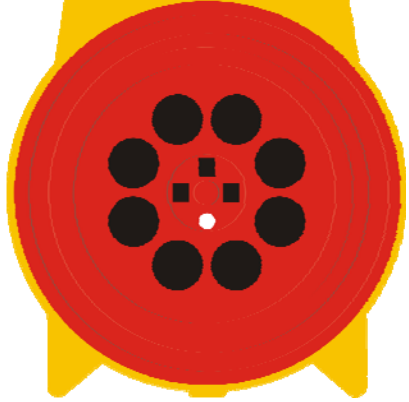
Attach the C8 Plate over top of the A&B rings using the magnet on the fan.

<p>Range C8: add the center plate to ring A and B. All 8 large + 4 small holes are open.</p>	<p>Range C6: ring A + B + center plate with 6 large + 4 small holes open.</p>	<p>Range C4: ring A + B + center plate with 4 large + 4 small holes open.</p>

 <p>Range C2 has ring A + B + center plate with 2 large + 4 small holes open.</p>	 <p>Range C1 has ring A + B + center plate with 1 large + 4 small holes open.</p>	 <p>The 3.5" holes for ranges C8 to C1 can be filled with the supplied cups, but tape may be used if needed. The cups can be left in the holes, stored behind the C8 plate, or in the tool case.</p>
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Extra Low Ranges for super tight enclosures

L ranges always have Ring A + B + C8 plate installed with the 8 large holes covered. Since they are very rarely used, tape can be used to cover the small holes.

 <p>Range L4 has ring A + B + center plate with 0 large + 4 small holes open.</p>	 <p>Range L2 has ring A + B + center plate with 0 large + 2 small holes open. The 2 one inch holes are covered with tape. No plugs are supplied.</p>	 <p>Range L1 has ring A + B + center plate with 0 large + 1 small holes open. The 3 one inch holes are covered with tape. No plugs are supplied.</p>
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Maximum airflow: Model 3000 Fan on Open (22) range: 8300 cfm maximum
 Minimum airflow: Model 2000 or 3000 Fan on L1 range: 3 cfm minimum

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