

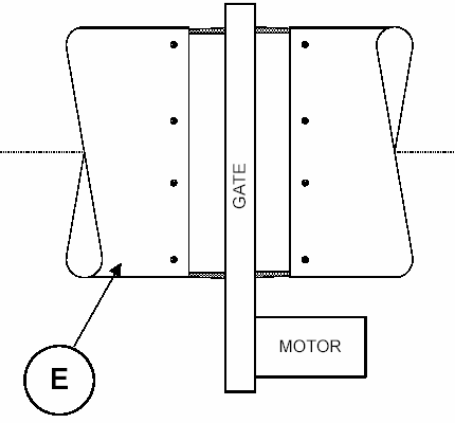

Sealed Aluminum Motorized Gate 4”

NEW



Ultimate In Dust Collecting

Mist Collection, Woodworking, Dental Lab

<p>Function</p>	<p>The ECOGATE® System opens the gate automatically when the workstation is turned ON and starts your dust collector. It closes the gate when the workstation is turned OFF (and stops the dust collector). Optional variable speed drive can adjust the fan’s performance (see greenBOX® PRO or MASTER brochures).</p>
<p>Installation</p>	<p>Install on duct by using screws or rivets – see picture. Gate can be also mounted on a wall. The gate can be used both on positive and negative systems and is not directional (vacuum can be connected from either side).</p>
 <p>Typical installation by using screws</p>	 <p>Energy savings motorized gate EG204C</p>
<p>AIR-VELOCITY, NEGATIVE PRESSURE</p>	<p>Gates are tested @ 11,000 FPM and @ 15 inch H₂O negative pressure.</p>
<p>MODEL</p>	<p>Motorized, energy saving ECOGATE® EG204C, for 4” duct</p>
<p>SIZE, WEIGHT</p>	<p>Approx. 12 ¼” x 9 ½” x 5 ¼”, 3.5 Lb., aluminum body, plastic rotating blade, plastic electronics cover.</p>
<p>CONNECTIONS</p>	<p>Two 2-pin ECOGATE® terminals labeled IN & THROUGH; these terminals are wired in parallel (IN terminal is used for connection from greenBOX®, THROUGH terminal for second gate if necessary or for vibration/toroidal sensor on 8-channel greenBOX® unit).</p>

POWER SUPPLY	24 DC from greenBOX [®] control unit, 0.3 A max., positive polarity for gate opening, negative for closing.
OPPENIG/CLOSING TIME	Approx. 3.8 sec. (limit switches are used to disconnect motor when gate reaches fully open/close position)
COMPATIBLE CONTROL UNITS	Use greenBOX [®] ONE to operate single gate, greenBOX [®] PRO for up to the 22 workstations, and greenBOX [®] MASTER for large systems. You can also operate gate by 24V DC power supply and rocker switch (schematic diagram is available).



Gate can be mounted on the wall.

To access terminals remove the top cover by using a small flat screwdriver in the slot on the side of the enclosure.



THROUGH TERMINAL
(for second gate or for
sensor on small 8-channel
greenBOX[®])

IN TERMINAL (for
connection from the
greenBOX[®] control unit)

support@ecogate.com

ECOGATE Inc., September 2006