

Energy Savings Motorized Gates

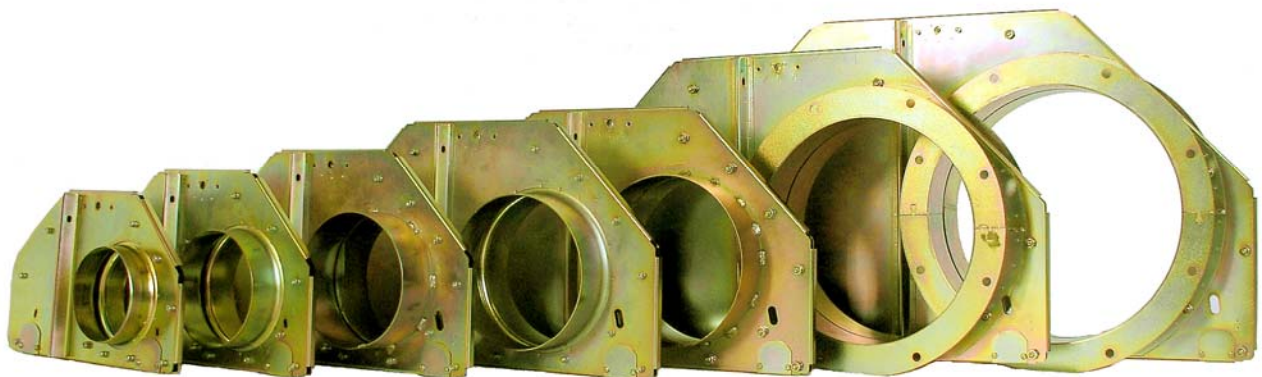
NEW



Ultimate in Dust Collecting

Cost effective electronic gates 5” to 18”

<i>Benefit</i>	By installing Ecogates on workstations that are not used continuously you can increase ventilation system capacity and save electricity without investment in new fans and filters.
<i>Control Systems</i>	ECOGATE 5” up to 18” gates are designed to work with electronic control units greenBOX ONE, greenBOX PRO and greenBOX MASTER. Ecogate PRO+ and MASTER System use inverter to adjust fan RPM – result is up to 70% savings on electricity.
<i>Function</i>	Gates are operated by industrial-duty 24V DC gear motor with limit switches. Gates are constructed of galvanized metal or stainless steel.



Energy- saving Ecogates EG205 (5”) to EG218 (18”) for industrial ventilation
(12”, 14”, 16” and 18 “gate are using standard angle flange)

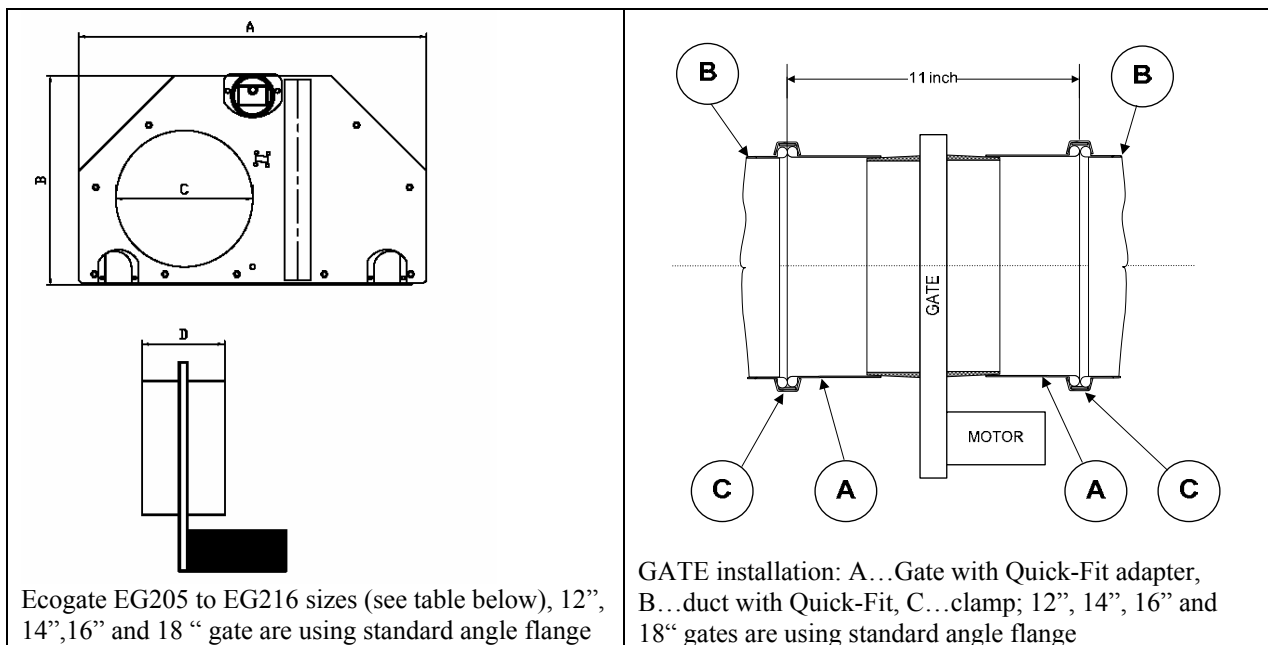
More than 18,000 gates shipped!

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Specifications

SIZE	For duct diameter 5", 6", 7", 8", 9", 10", 12", 14", 16", and 18".
POWER SUPPLY	24V DC, current to the motor max. 0.9Amps, no load current is about 0.2 Amps, (plus polarity to open gate, minus polarity to close gate).
CONNECTORS	Terminal: two OST Pluggable Terminal Blocks, 22-16 AWG (0,5-1,5 mm ²)
FEATURES	Gates are equipped by the mechanical limit switches to stop motor in fully open/close position
RECOMMENDED CONTROL UNITS	greenBOX ONE (for one workstation), greenBOX PRO (up to 22 workstations), and greenBOX MASTER (large systems)
ENVIRONMENT	For internal use only, gate is made from galvanized steel, stainless steel gates available.
AIR-VELOCITY, NEGATIVE PRESSURE	Gates are tested @ 11,000 FPM and @ 14 inch H ₂ O negative pressure, recommended operating point is below these values. Do not use gate on positive pressure.



Model	Duct diameter	A (inch)	B (inch)	C (inch)	D (inch)	Weight (Lb)	Open/Close time (approx.)
EG205	5"	14.6	9.1	5.0	3.1	7.3	4.0 s
EG206	6"	17.1	10.4	6.0	3.9	8.4	4.5 s
EG207	7"	19.5	11.4	7.0	5.1	11.7	5.5 s
EG208	8"	22.8	13.2	8.0	5.1	13.9	6.0 s
EG209	9"	24.4	14.0	9.0	5.1	16.1	6.5 s
EG210	10"	26.6	15.2	10.0	5.1	18.5	7.0 s
EG212	12"	30.1	16.9	12.0	5.7	35.3	9.0 s
EG214	14"	35.0	19.3	14.0	5.7	41.7	10.0 s
EG216	16"	39.8	21.7	16.0	5.7	48.5	12.0 s
EG218	18"	45.9	24.8	18.0	5.7	63.9	15.0 s

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