


THE WORLD'S FASTEST DUCTING

ECOGATE ONE SYSTEM

ONE SYSTEM

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| Function | Opens blast gate automatically when workstation is ON, closes blast gate when workstation is OFF. |
| Benefits | Allows use of smaller dust collector, increases suction (air velocity) at machines in use, (allow you to change sanding loop at Time |



Control unit: greenBOX PRO EG103



Motorized gates 5" up to 16"



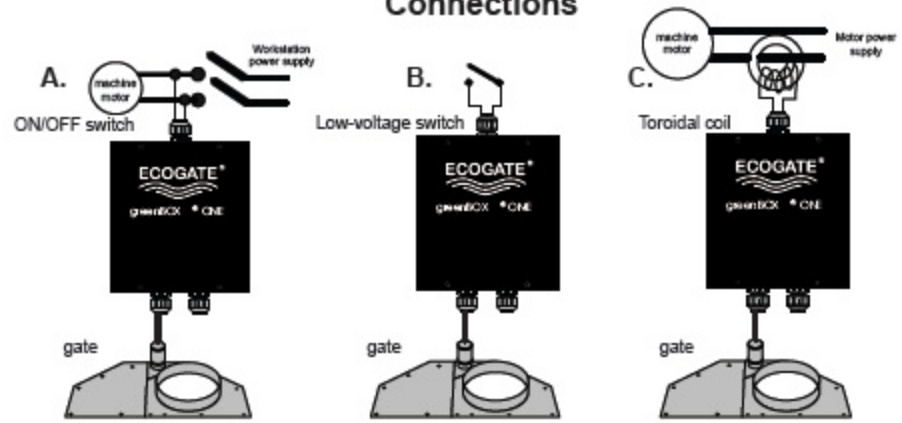
Typical Use

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| Existing dust system | By installing the Ecogates on workstations that are used only part time, You can increase ventilation system capacity and save |
| New Workstations | Control unit and gates are available as an OEM for producers of different woodworking machines. |

ONE System Specifications

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| MODEL | EG104, greenBOX ONE |
| SIZE | 8" x 6" x 2", (205 mm x 150 mm x 55 mm) |
| WEIGHT | 3 Lb (1.5 kg) |
| POWER SUPPLY | 115V AC or 230V AC, 50-60 Hz, 30 W max |
| FUSE | T0.25A for both 115V and 230V (Ø 5 mm x 20 mm, slow-blow) |
| BLAST GATES COMPATIBILITY | ECOGATE motorized gates (24 V DC, max .current 1A) up to 16" |
| CONTROL INPUTS | a. external low voltage switch (contact, 24V/10 mA) or relay b. 115-230 V AC from machine ON/OFF switch c. toroidal sensor, reading current to the machine motor |
| INDICATORS | LED indicators: POWER ON, SIGNAL (sensor input), GATE OPEN, MOTOR running |
| SETTINGS | ON/OFF delay (selectable 0.5 or 5 sec.), RUNNIG time, INPUT SIGNAL SENSITIVITY (for optional toroidal sensor) |
| OUTPUT | "RUN" free contact (to start dust collector ON) max. 4 Amps 230 VAC |
| OPTIONAL ACCESSORIES | Gates 5" to 16" (EG205 -EG216), toroidal sensor EG 313. |

Connections



You have three possibilities how to connect input, B. option is used most frequently (voltage from ON/OFF switch). Free "RUN" contact can be used to start dust collector (not illustrated).