



A NEW INDUSTRY STANDARD! DESIGNED SAFETY SMART

EcoMAXX™ High Speed Abort Gates are engineered with TRIPLE SECURITY.

- Activation by over pressure & without electrical signal
- Activation by electronic spark detection signal
- Activation by rapid temperature increase in clean air duct plenum

An EcoMAXX™ High Speed Abort Gate is a NFPA required safety device that is necessary when potentially hazardous filtered air is returned to a building or workspace.

The EcoMAXX™ HSAG is designed for installation in bag house & dust collector return air systems to automatically vent harmful gases to atmosphere, should a fire and/or explosion occur.

EcoMAXX™ High Speed Abort Gates are an integral component for dust collection systems & are recommended for use with EcoBOSS™ Energy Management Systems, EcoMAXX™ Explosion Isolation Valves, EcoMAXX™ Fire Break Shutters & EcoMAXX™ Fire Suppression Systems.

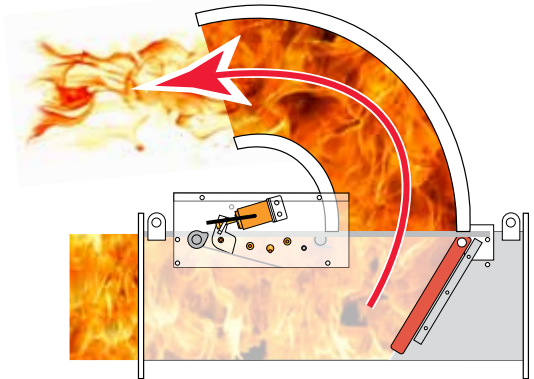
Standard Features

- 24v control panel with status lights for connection to spark detection
- Weather hood
- Manual rearm (sizes 8" - 12")
- Pneumatic rearm (sizes 18" - 50")*
- Triple security protection
- Epoxy powder coated safety red finish
- Flanged inlet & outlet
- NFPA compliant with spark detection control

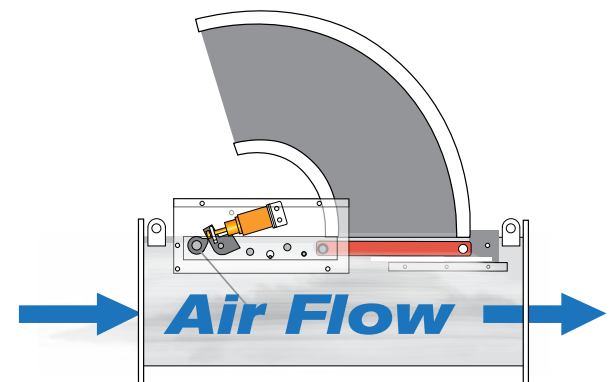
OPTIONAL FEATURES

- Flanged rectangle to round inlet & outlet transitions
- 110v control panel
- EcoMAXX™ Spark Detection & Extinguishment System with activation via rapid temperature rise & broken bag detection

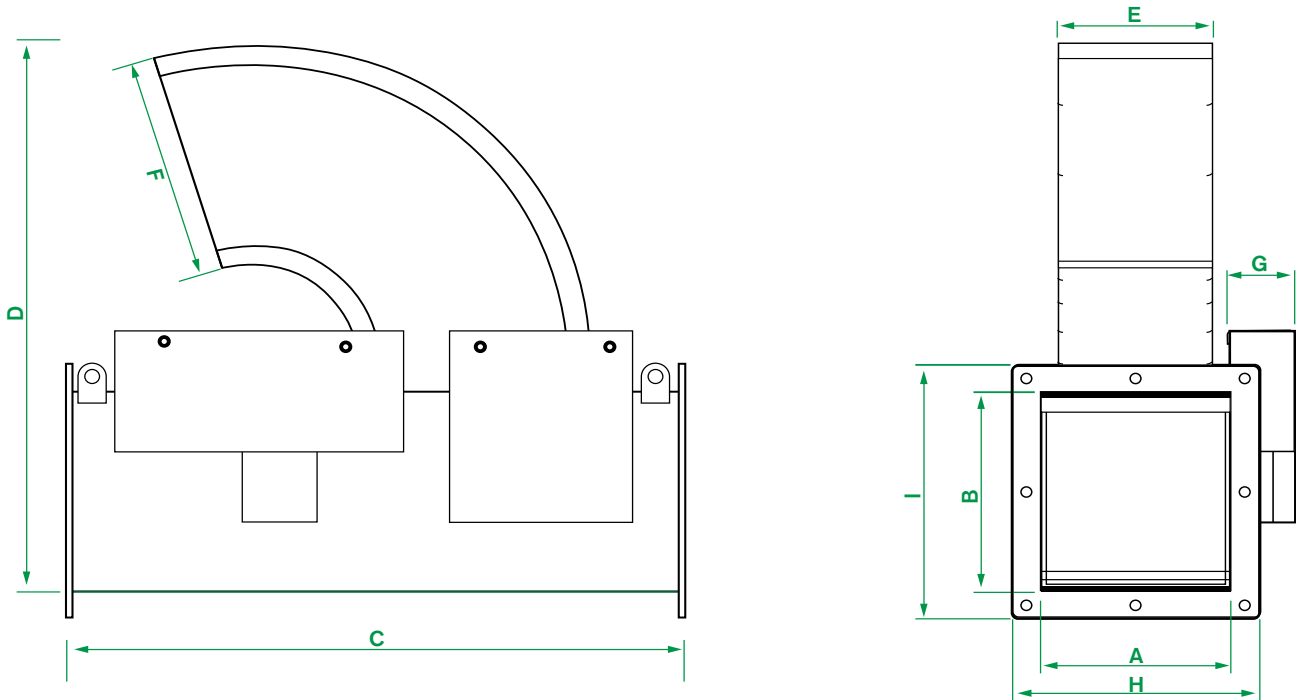
Closed Position



Normal Position



HIGH SPEED ABORT GATE (EM-HSAG) DIMENSIONS



	A	B	C	D	E	F	G	H	I	magnet	weight (lbs)
Ø 8"	7.87"	8.66"	25.59"	23.74"	6.38"	9.41"	5.12"	10.24"	11.02"	24V DC	51
Ø 12"	11.42"	11.81"	29.33"	30.63"	9.92"	13.15"	5.12"	13.78"	14.17"	24V DC	89
Ø 18"	16.93"	17.72"	35.87"	43.07"	15.43"	19.69"	5.12"	19.29"	20.08"	24V DC	166
Ø 24"	21.65"	22.83"	41.97"	54.29"	20.16"	25.79"	5.12"	24.80"	25.98"	24V DC	265
Ø 28"	25.98"	27.17"	47.13"	63.78"	24.49"	30.94"	5.12"	29.13"	30.31"	24V DC	375
Ø 34"	31.10"	32.28"	52.87"	74.65"	29.61"	36.69"	5.12"	34.25"	35.43"	24V DC	563
Ø 40"	35.04"	36.22"	57.52"	83.23"	33.54"	41.34"	5.12"	38.98"	40.16"	24V DC	662
Ø 44"	39.76"	40.94"	63.07"	93.50"	38.27"	46.89"	5.12"	43.70"	44.88"	24V DC	805
Ø 50"	44.09"	45.28"	68.19"	102.95"	42.60"	52.01"	5.12"	48.03"	49.21"	24V DC	926

Maximum air velocity is 6300 FPM.

* Larger sizes available upon request.