ENGLO
DUST EXTRACTION TECHNOLOGY™

CARTRIDGE COLLECTORS

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KEEPING YOUR FACILITY DUST-FREE CAN BE GOOD FOR YOUR EMPLOYEES & YOUR BOTTOM LINE.

Industrial dust collectors not only clear the air but also improve:

- Employee efficiency
- Increase employee retention
- Help ensure a safe working environment
- Reduce equipment maintenance costs

Air quality control goes beyond just having a clean workspace.

ENGLO
DUST EXTRACTION TECHNOLOGY

THE LEADER IN AIR

ENGLO Dust Collectors
offer the ultimate in air filtration.

Whether your application includes welding smoke, grinding dust, cutting table fume, shot blasting, sanding, thermal spray, coating, bulk powder handling or any process that generates dust, we have the solution.

Our high-performance systems are built with features to stand up to a rugged manufacturing environment.

The downward airflow technology maximizes airflow in the collector to assist dust separation. With capabilities up to 100,000 CFM and more, we have the system to maximize your air filtration.
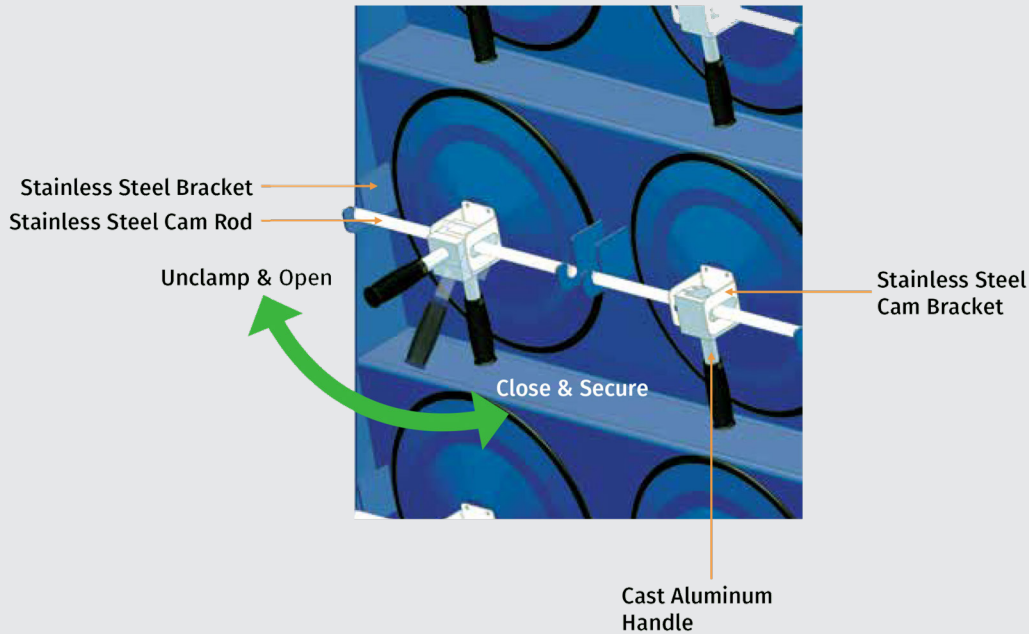
# FILTRATION

STANDARD FEATURES & AVAILABLE OPTIONS

COLLECTOR DESIGN

	STD	OPT
Heavy Duty 7 and 10 Gauge Mild Steel Construction	X	
Venturi-Assisted Pulse Filte Cleaning System	X	
Action-Lock Quick Release Filter Doors	X	
Multiple inlet options for versatility	X	
ENGLO Nano-Elite Nanofiber Cartridges	X	
Dust Drawer/ Tray Bottom Material Outlet		X
Stainless Steel Construction		X
High Temperature Construction		X
Explosion Protected Models		X
High Temp (MERV13) Filter		X
Chamber and Exhaust Silencers		X
Air Management Modules		X
Steep-Sided Hopper		X
Single Discharge Hopper for Multi-module Collectors		X
Service Platform (OSHA compliant)		X
Sprinkler Coupler		X
Alternate Filter Media Options		X
After Filter Housing		X
HEPA/ASHIRAE Filters		X
Damper Pack		X
Bag-in/Bag-Out Kit		X

PAINT SYSTEM

	STD	OPT
Primed Interior	X	
Multi-Coat Paint Finish	X	
Custom Color		X
Epoxy Coating		X

HOPPER DISCHARGE

	STD	OPT
Drum Cover and Hose	X	
Slide Gates		X
Rotary Valves and Transitions		X
Screw Conveyors		X

ELECTRICAL CONTROLS GAUGES & ENCLOSURES

	STD	OPT
Control Box w/Digital Timer in NEMA 4 Enclosure	X	
Control Panel with Magnetic Starter and Digital Timer Control		X
Control Panel with Variable Frequency Drive (VFD) and Digital Timer Control		X
Custom Panels		X
Solenoid Heater kit		X

WARRANTY

	STD	OPT
10 Year Warranty	X	

Perhaps the most popular feature is our exclusive

ACTION LOCK, QUICK RELEASE FILTER DOOR.

Stainless Steel Bracket
Stainless Steel Cam Rod
Unclamp & Open
Close & Secure
Stainless Steel Cam Bracket
Cast Aluminum Handle

Only aluminum and stainless steel parts are used in the construction of the door cam and mounting brackets for maximum durability in any environment. Simply set the door in place and pull the handle down to lock the cam. Lift the handle for quick release.
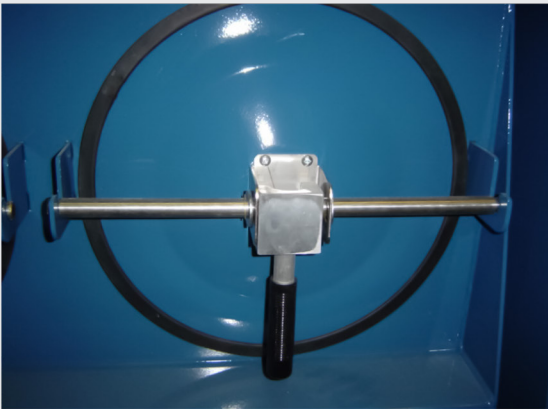
The simple and secure design is widely considered as the best in the industry. Using stainless steel brackets, cross rod and a cast aluminum handle, it will stand up to the toughest environments, both outside and inside your facility. There are no knobs to turn, no moving rails, no interior yokes or threads to catch, or holes to center up — just drop in the door and clamp down. Lift the handle and you're holding the best door the industry has ever seen.
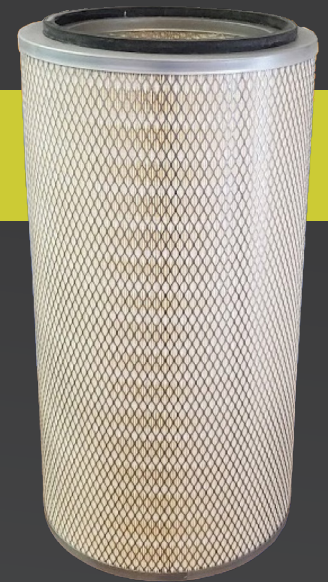
The operation of our ENGLO dust collectors is simple and uses proven technology.

The industry best ENGLO Nano-Elite high efficiency cartridge filters remove 99.9% of the particulate from the air stream. They carry a MERV 15 rating (best in the industry).

The cleaned air is then directed to the location of your choice, either returned to the facility or exhausted to the environment.

DIMENSIONS

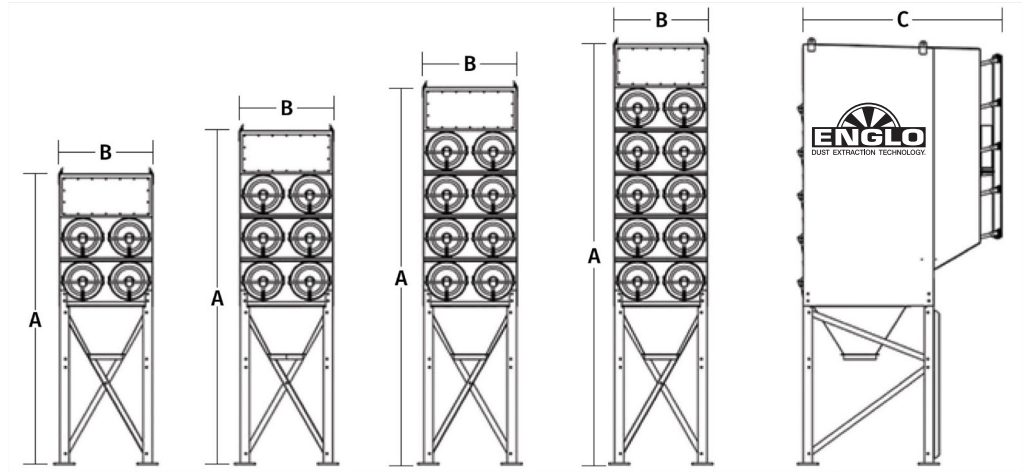| ENGLO 2 Series | ENGLO 3 Series | ENGLO 4 Series | ENGLO 5 Series | Side View |

EXPERIENCE SERVICE & SUPPORT

- Technical expertise and factory support
- Ready-to-ship parts and filters
- Numerous successful installations worldwide

CUSTOM ENGINEERING

- Systems tailored to your specific needs
- Professional design & engineering experts
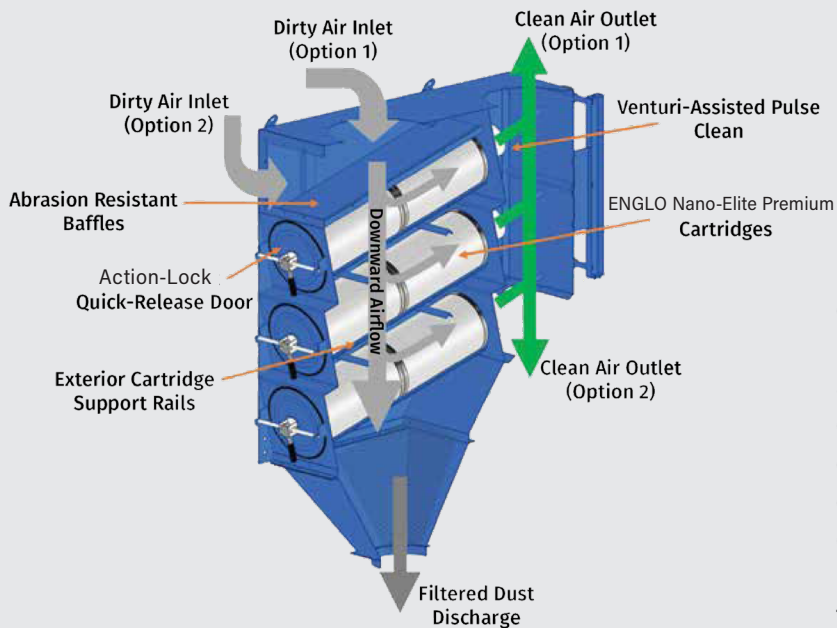- Application assistance

Dimensions are not to be used for construction.

Certified drawings available upon request.

MODEL	HEIGHT (A)	WIDTH (B)	DEPTH (C)	# OF FILTERS	FILTER AREA
ENGLO 2-2	118″	49″	57″	2	508
ENGLO 2-4	127″	40″	61″	4	1,016
ENGLO 2-8	127″	40″	87″	8	2,032
ENGLO 2-12	127″	60″	87″	12	3,048
ENGLO 2-16	127″	80″	87″	16	4,064
ENGLO 2-24	127″	120″	87″	24	6,096
ENGLO 3-6	146″	40″	61″	6	1,524
ENGLO 3-12	146″	40″	87″	12	3,048
ENGLO 3-18	146″	60″	87″	18	4,572
ENGLO 3-24	146″	80″	87″	24	6,096
ENGLO 3-36	146″	120″	87″	36	9,144
ENGLO 3-48	146″	160″	87″	48	12,192
ENGLO 3-54	146″	180″	87″	54	13,716
ENGLO 3-72	146″	240″	87″	72	18,288
ENGLO 4-16	164″	40″	87″	16	4,064
ENGLO 4-32	164″	80″	87″	32	8,128
ENGLO 4-48	164″	120″	87″	48	12,192
ENGLO 4-64	164″	160″	87″	64	16,256
ENGLO 4-80	164″	200″	87″	80	20,320
ENGLO 4-96	164″	240″	87″	96	24,384
ENGLO 4-112	164″	280″	87″	112	28,448
ENGLO 4-128	164″	320″	87″	128	32,512
ENGLO 4-144	164″	360″	87″	144	36,576
ENGLO 5-20	178″	40″	87″	20	5,080
ENGLO 5-40	178″	80″	87″	40	10,160
ENGLO 5-60	178″	120″	87″	60	15,240
ENGLO 5-80	178″	160″	87″	80	20,320
ENGLO 5-100	178″	200″	87″	100	25,400

Dirty Air Inlet (Option 1)
Clean Air Outlet (Option 1)
Dirty Air Inlet (Option 2)
Venturi-Assisted Pulse Clean
Abrasion Resistant Baffles
ENGLO Nano-Elite Premium Cartridges
Action-Lock Quick-Release Door
Downward Airflow
Exterior Cartridge Support Rails
Clean Air Outlet (Option 2)
Filtered Dust Discharge

Each of our dust collectors is equipped with a **venturi-assisted reverse-pulse filter cleaning system** and a digital, solid-state pulse control panel. The controls utilize an on-board pressure switch allowing on-line, on-demand and down-time cleaning. A weatherproof housing protects the controls for a long, trouble-free life.

CUSTOM FEATURES:

- Fully welded heavy construction main unit, constructed of 7 and 10 gauge carbon steel
- Designed, engineered and manufactured in the U.S.
- Exclusive Action-Lock Quick-Release filter door
- ENGLO Nano-Elite Nano-Fiber High-Efficiency cartridge filters with 254 square feet of media each
- Venturi-assisted pulse clean system with premium Goyen diaphragms and solenoids
- Exterior rail cartridge supports prevent pulse clean obstruction
- Downward airflow technology assists dust particle separation
- Integral lifting lugs
- Material discharge with sealing drum lid
- Digital, solid State Pulse Control with differential pressure switch for fully automatic cleaning
- Five-year materials and craftsmanship warranty

Abrasion Resistant Baffles
Lifting Lugs
Goyen® Diaphragm Valves
Pulse Clean
ENGLO NanoElite Premium Cartridges
Goyen® Solenoids
Stainless Steel Door Brackets
Venturi-Assisted Pulse Clean
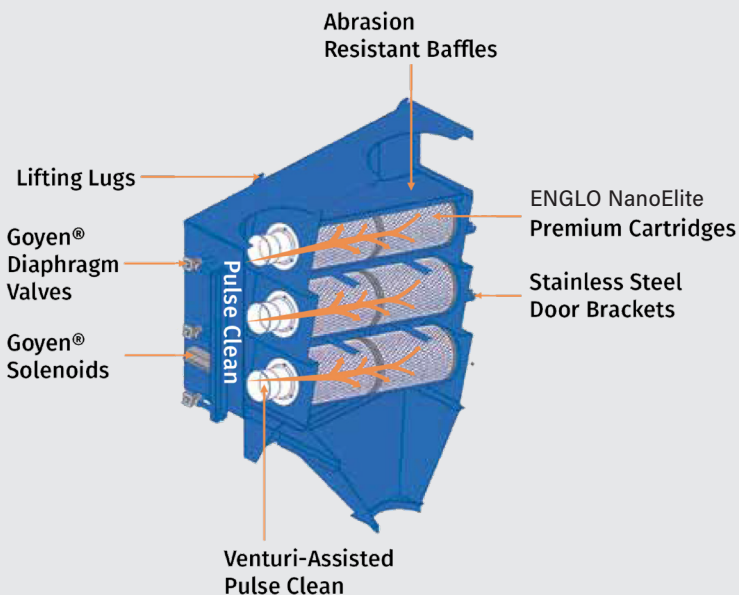
OPTIONAL FEATURES:

- Abrasive inlet plenum
- Complete line of motor/blowers
- Exhaust silencers and/or dampers
- Alternate filter media options
- Rotary airlocks
- Screw conveyors
- Explosion vents
- Solenoid heater kit
- Custom paint color or coatings
- Multi-module hoppers
- Steep-sloped hoppers
- Afterfilter housings
- Bag-in/bag-out design for hazardous dust
- Stainless steel construction

DESIGNED, ENGINEERED, & MANUFACTURED IN USA

PROUDLY MADE IN USA

![ENGLO logo]

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