



### STANDARD FEATURES

- UL listed industrial controls
- NEMA 12 main enclosure
- Industrial start/stop buttons
- Automatic booth pressure or velocity control
- Clogged filter alarm
- Filter life warning indicator
- F.L.O.'s user-adjustable set points accommodate use of all exhaust filter brands.

### INDUSTRIES



Aerospace  
& Defense



Manufacturing  
& Industrial



Automotive



Transit Bus  
& Rail



Heavy Equipment  
& Fleet Refinish



Marine

### FILTER LIFE OPTIMIZER (F.L.O.)

F.L.O. maximizes filter life by automating the booth air velocity, and maintaining optimal air flow. Proper and consistent air flow is critical to achieving a high rate of transfer efficiency thus reducing paint cost and rework.

Use F.L.O. Technology's automated control process to achieve optimal booth air flow throughout the filter's life cycle.



F.L.O.  
FILTER LIFE INDICATOR



PITOT SENSING TUBE  
& PRESSURE TRANSDUCER



VFD MOTOR DRIVE

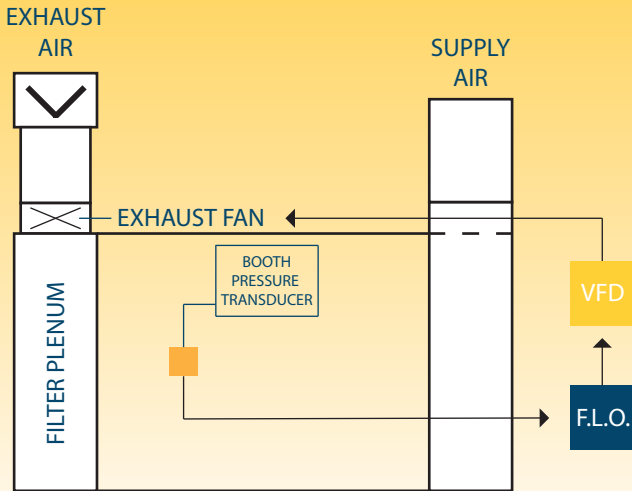
### SYSTEM STATUS

The F.L.O. filter life indicator gives a warning when the filters are at 80% of filter loading. This allows the operator to plan filter changes. Resulting in the ability to reduce down time and production loss.

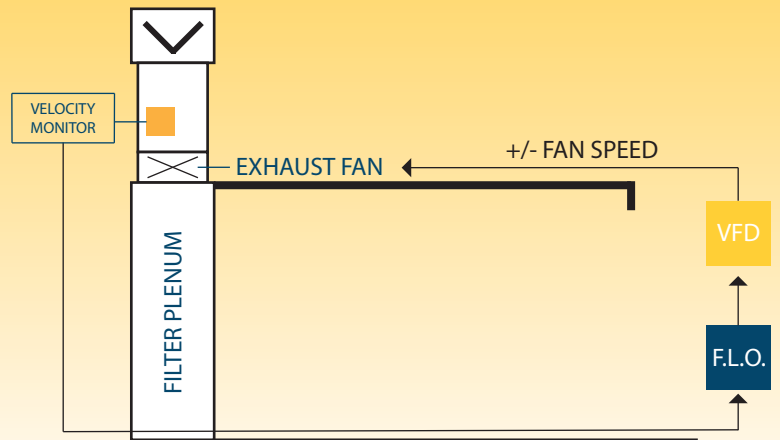
PROCESS	STD.	OPT.	PROCESS	STD.	OPT.
UL 508 Listed	✓		Gun Hanger with Energy Saving mode		✓
Service Disconnect	✓		Auto booth Pressure/Velocity control	✓	
NEMA 12 Industrial Enclosure	✓		Standby Energy Saving Mode		✓
Motor Protection Fusing	✓		Configurable M.A.U. integration		✓
VFD (Variable Frequency Drive) with NEMA 1Kit	✓		Remote Audio/Visual light speaker/Light tree		✓
Multiple Fan Compatible		✓	Adjustable Warning and Alarm Set point		✓
Filter Life Monitor	✓		Pressure Transducer with P.I.D. Loop Exhaust Volume Control	✓	
Clogged Filter Shutdown with Adjustable Timer	✓				

## F.L.O. PROCESS DIAGRAM

### ENCLOSED BOOTH "AUTOMATIC BOOTH PRESSURE CONTROL"



### OPEN FACE BOOTH "CONSTANT VELOCITY CONTROL"



MODEL	DESCRIPTION	EXHAUST MOTOR QTY & HP	VOLTAGE	PHASE
CP-FLO-VEL-**-***-*	F.L.O. PANEL WITH VELOCITY CONTROL	(2 - 4 VFDS) HP	208-230 OR 460	1 OR 3
CP-FLO-PR-**-***-*	F.L.O. PANEL WITH BOOTH PRESSURE CONTROL	(2 - 4 VFDS) HP	208-230 OR 460	1 OR 3

Contact Rohner for optional configuration and pricing.

Specifications and designs are subject to change, and substitutions without notice are at the manufacturer's sole discretion. Customer is responsible for determining the suitability of the equipment for its intended use. Additional equipment or modifications may be required to meet local building and process-specific regulatory codes and are the responsibility of the Customer.