



### 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.

#### System Status

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

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

##### WARNING

Filter Load 80%

##### ALARM

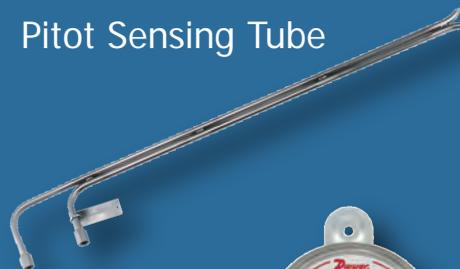
Filter Load 100%

### 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.

### Pitot Sensing Tube



### Pressure Transducer

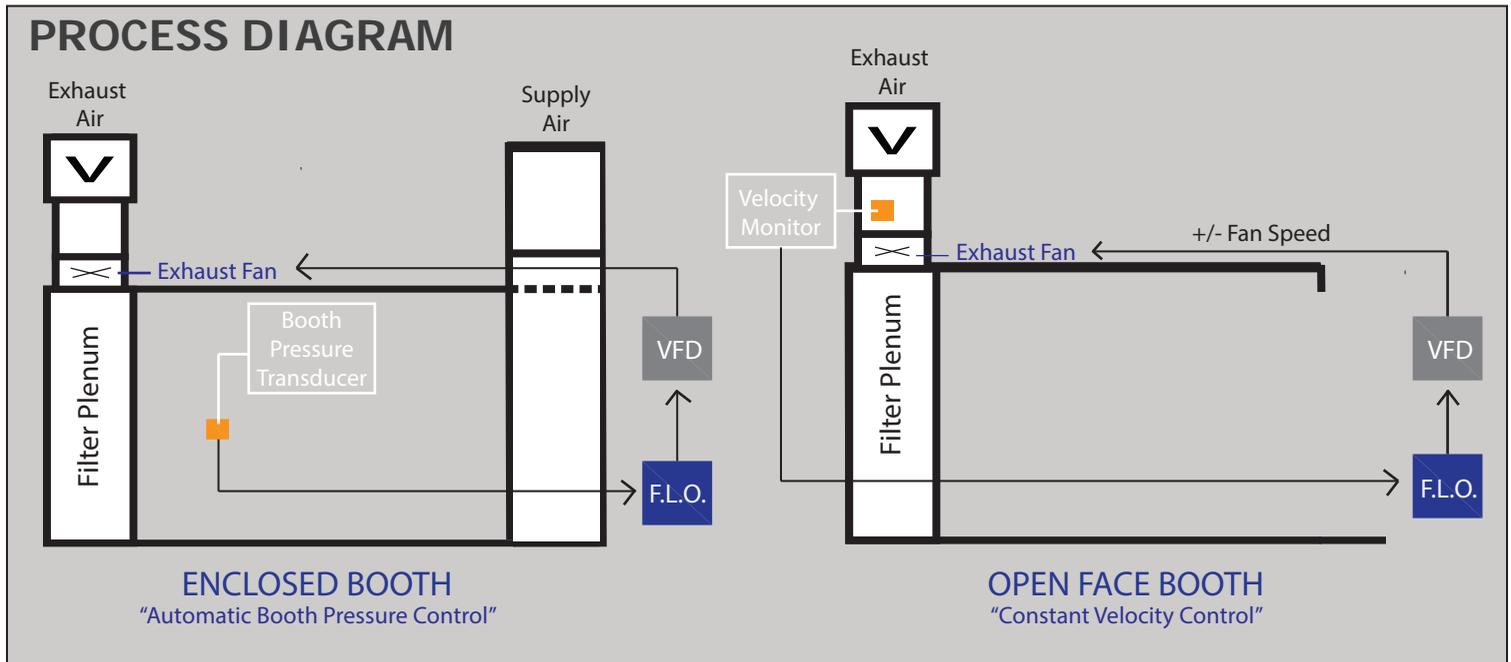


### VFD Motor Drive



# F.L.O.

PROCESS	STANDARD	OPTIONAL	PROCESS	STANDARD	OPTIONAL
UL 508 Listed	✓		Gun Hanger with Energy Saving mode		✓
Service Disconnect	✓		Auto booth Pressure/Velocity control	✓	
NEMA 12 Industrial Enclosure	✓		Standby Energy Savings 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	✓				



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.