



# **PRESSURE FILTRATION SYSTEM PF MODELS**



## ***Applications***

- Metal Working
- General Machining
- Honing
- Lapping
- Grinding
- Parts Washing
- Metal Finishing
- Waste Treatment

## ***HIGHER OPERATING PRESSURES ALLOW GREATER FILTRATION EFFICIENCIES***

Flow Pro's Model PF Pressure Filter is a horizontal chamber pressurized bed disposable media filter. It features an automatic filter cake drying and indexing cycle. Designed to operate at up to 40 PSI yielding longer cycles, denser filter cakes, and optimal particle removal. These higher operating pressures allow more total coolant to be filtered per cycle reducing over-all disposable media consumption and ultimately providing a substantial cost savings.

These filters are extremely versatile. They can be utilized as dedicated units specific to an application, or integrated into existing systems as pre or post filters for process optimization. Each system can be configured and customized to satisfy any plant or process requirement.

All Model PF Pressure Filters are compatible with most water soluble coolants, oil based coolant as well as straight oil.

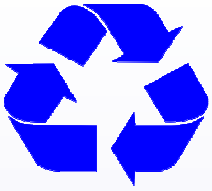
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**618 Anderson Drive, Suite A, Romeoville, IL 60446**

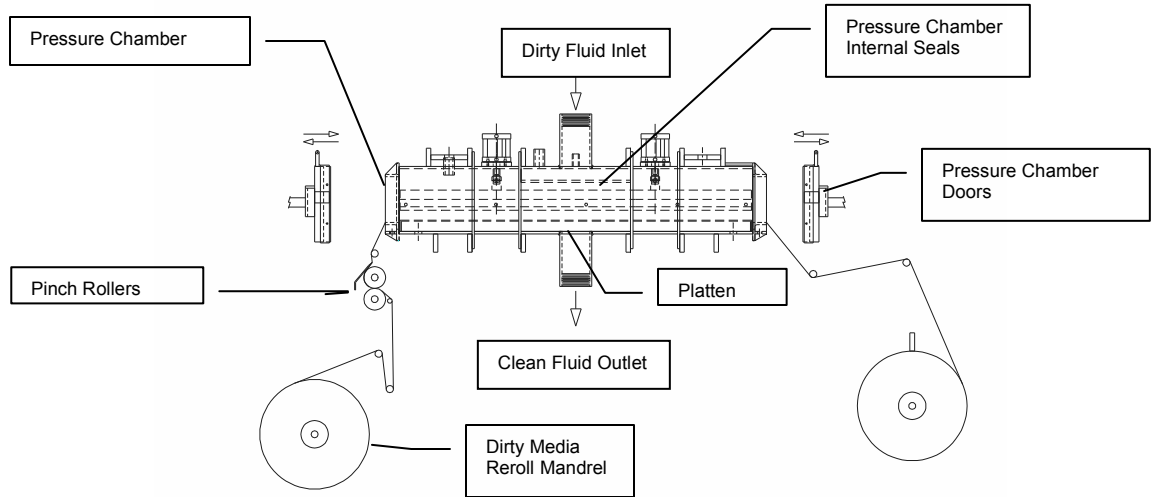
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# PRESSURE FILTRATION SYSTEM PF MODELS



Model	Filter Area (Sq.Ft.)	Roll Media Width	Dimensions LxWxH
PF-3	3	12.75"	102" x 27" x 48"
PF-6	6	12.75"	98" x 41" x 48"
PF-9	9	27"	115" x 41" x 48"
PF-12	12	27"	134" x 41" x 48"
PF-15	15	36"	126" x 50" x 48"
PF-18	18	36"	139" x 50" x 48"
PF-24	24	51"	125" x 65" x 48"
PF-36	36	51"	160" x 65" x 48"

<b>TYPICAL FLOW RATES:</b>	Up to 30 GPM per Sq. Ft.
<b>OPERATING PRESSURE:</b>	Up to 40 PSI
<b>CONTROLS:</b>	PLC based with touch screen operator interface
	Nema rated enclosure.
	C.E. rated upon request
<b>UTILITY REQUIREMENTS:</b>	Compressed Air: 3/4" line size, 80 to 100 PSI
	Electric: 230 or 460 volt 3 phase, 60 cycle
<b>CONSTRUCTION:</b>	Standard ASTM A360 carbon steel
	Modular construction

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