

PRESSURE FILTRATION SYSTEM PFV MODELS



Applications

- Metal Working
- General Machining
- Grinding
- Metal Finishing
- Waste Treatment

VERTICAL PRESSURE CHAMBER YIELDS LONGER FILTER CYCLES AND DENSER FILTER CAKES

Flow Pro's Model PFV Pressure Filter is a vertical chamber pressurized bed permanent media filter. It features an automatic filter cake drying cycle, indexing cycle and disposable filter media option. The vertical pressure chamber design allows thicker filter cakes to be formed when coarse particles are present yielding longer cycles, denser filter cakes, and optimal particle removal. These thicker cakes combined with permanent filter media provide for substantial operating cost savings over conventional disposable media filters.

These filters are extremely versatile and are available with a disposable filter media option when finer particles are present. 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 PFV Pressure Filters are compatible with most water soluble coolants, oil based coolant as well as straight oil with disposable filter media option.

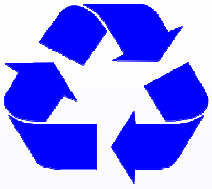
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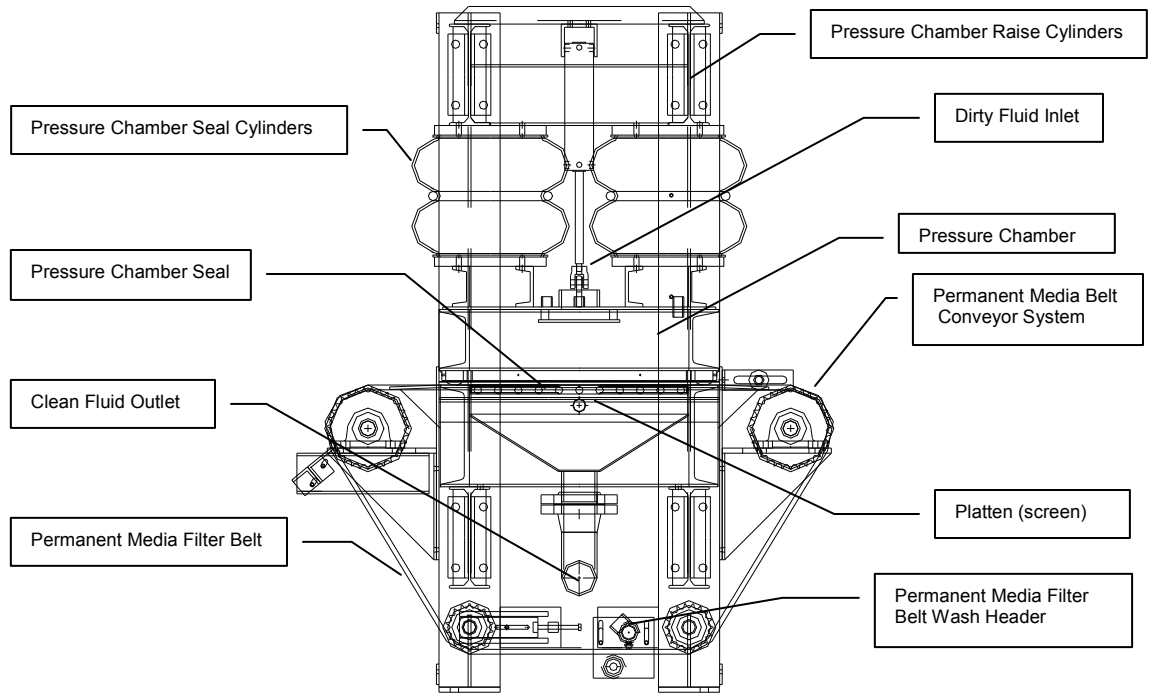
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Model	Filter Area (Sq.Ft.)	Optional Roll Media Width	Dimensions LxWxH
PFV-4	4	36"	79" x 58" x 72"
PFV-10	10	36"	114" x 58" x 72"
PFV-15	15	36"	135" x 58" x 99"
PFV-30	30	65"	135" x 88" x 99"
PFV-60	60	72"	200" x 88" x 147"

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

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