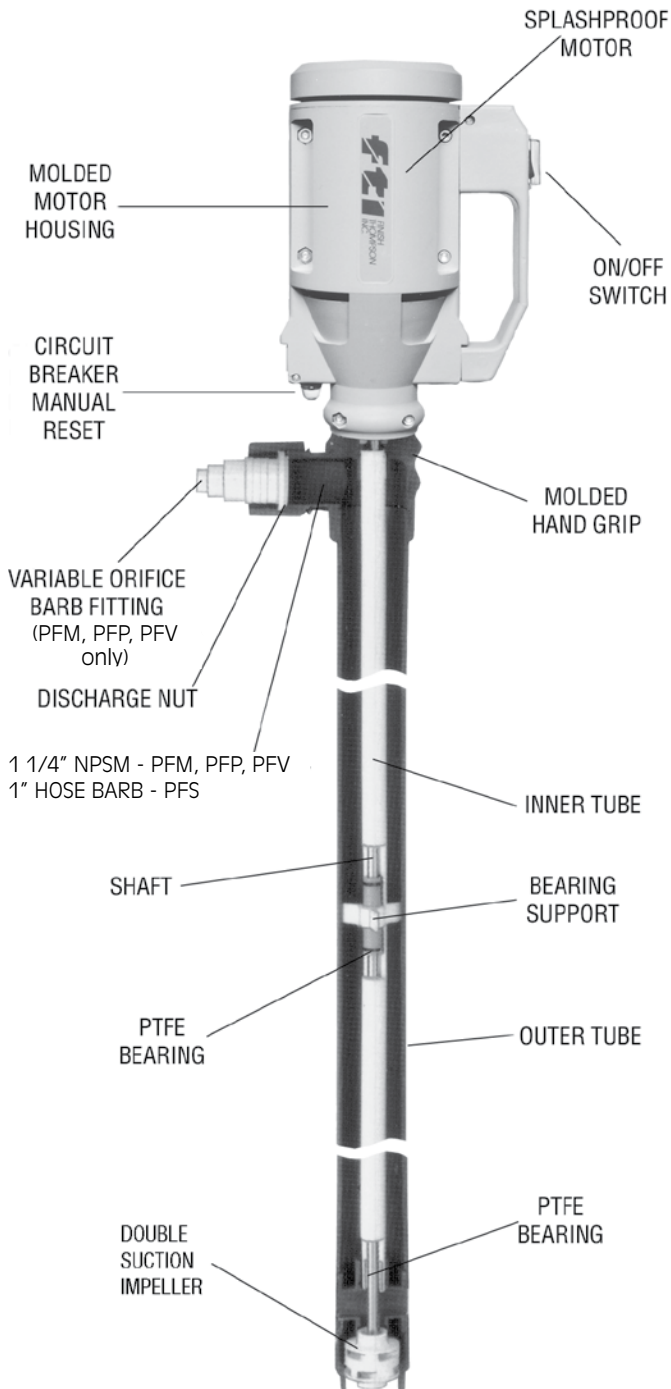


# PF Series

## DRUM / BARREL PUMPS

### Light to Medium Viscosity



High performance, sealless drum/barrel pumps for container-to-container transfer of acids, corrosives, and chemicals.

### Features

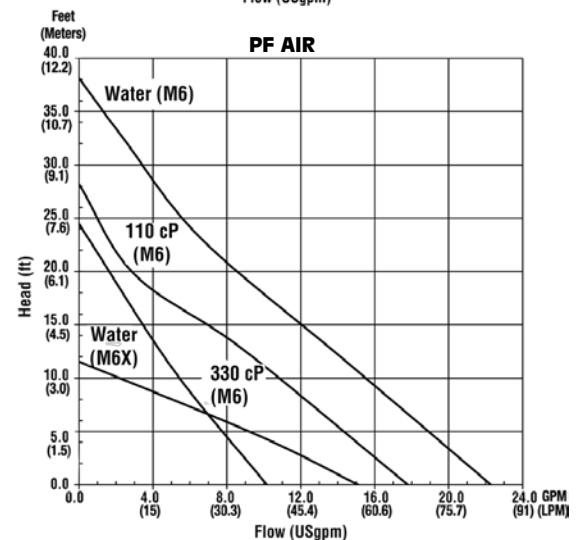
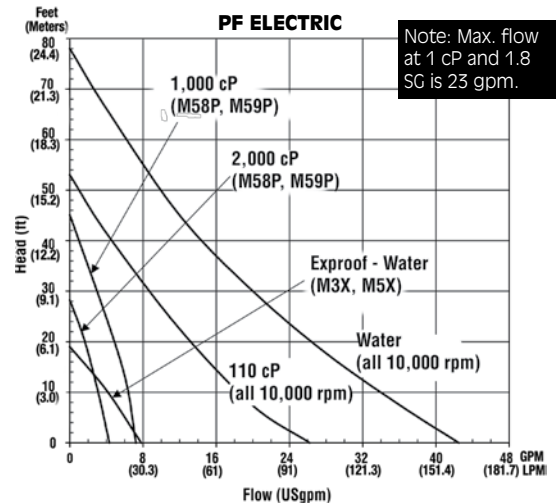
- Polypropylene, PVDF or 316SS tubes
- Unique double suction impeller
- Pump interchangeable with motors
- Up to 2000 cP with M58P and M59P 800w motors
- ATEX certified motors
- Dry run capability

### Performance

- 1.83 SG
- Max. temperatures: PFP/PFM - 160°F (71°C)  
PFV - 120°F (49°C); PFS - 220°F (105°C)  
All 60" (152 cm) & 72" (183 cm) tubes - 120°F (49°C)

ELECTRIC - 50/60 Hz	AIR
• 40 gpm (151 lpm)	• 22 gpm (83 lpm)
• 80 feet TDH (24 m)	• 38 feet TDH (11.6 m)
• 2000 cP maximum	• 330 cP maximum

NOTE: Explosionproof motor performance is reduced to 7 gpm and 18 feet TDH maximum. This reduction helps to reduce static electricity.



## Tube Specifications



PFV PFP/PFM PFS



Model	Tube			Seal	Shaft	Internals	Hose Size Required	
	Material	Diameter	Length					
			In					cm
PFP	Polypro	2" (5.1 cm)	27	69	Sealless	Alloy 625	Polypro, PTFE, PVDF, Viton®	1"
PFM	Polypro		40	102		SS	Polypro, PTFE, PVDF, Viton®	
PFV	PVDF		48	122		Alloy 625	PTFE, PVDF, Viton®	
PFS	SS		60	152		SS	SS, PTFE, Tefzel®, Viton®	
			72	183				

Viton(R) fluoroelastomer is a registered trademark of DuPont Dow Elastomers.

Tefzel(R) fluoropolymer film is a registered trademark of E.I. du Pont de Nemours and Company.

Note: PFM tube not offered in 72" length.

## Motor Specifications



Electric motors are available in 115V or 230V, single phase, 50/60 Hz. All are equipped with 12 ft. (3.5 m) cord, circuit breaker with manual reset, internal cooling fan, and built-in on/off switch. Motors are rated continuous duty.



Air motor (M6) shown with regulator valve, muffler. 80-100 psi at 25 cfm.

Model	Type	Certifications	Electrical Requirements	Input		RPM	Viscosity cP
				Hp	W		
M3	Drip-proof	CSA	115VAC/50-60Hz	4/5	640	10,000	500
M3T	TEFC	CSA	115VAC/50-60Hz	4/5	640	10,000	500
M3X	EXP – Class 1, Division 1, Group D	CSA	115VAC/50-60Hz	3/10	230	5,000	10
M5	Splashproof – IP24	CE	230VAC/50-60Hz	4/5	370	10,000	500
M5T	TEFC – IP54	CE	230VAC/50-60Hz	4/5	370	10,000	500
M5X <sup>††</sup>	EXP – Class 1, Division 1, Group D	CE	230VAC/50-60Hz	3/10	230	5,000	10
M10X <sup>††</sup>	EXP – Class 1, Division 1, Group D	CE	230VAC/50-60Hz	4/5	370	10,000	500
M13	Splashproof – IP24	CE	115VAC/50-60Hz	4/5	640	10,000	500
M58P	TEFC – IP54, Variable Speed	NRTL	115VAC/50-60Hz	1 1/3	1000	10,000	2000
M59P	TEFC – IP54, Variable Speed	CE	230VAC/50-60Hz	1 1/3	1000	10,000	2000
M6 <sup>†</sup>	Air	CE/ATEX		1/2	370	300-6,000	330
M6X <sup>††</sup>	Air	CE/ATEX		3/4	560	300-3,000	330

Note: When pumping flammables or combustibles, use explosionproof electric or non-electric (air) motors on stainless steel tubes with a static protection kit.

\* Recommended for pumping non-flammables in an explosionproof environment.

<sup>†</sup>An air motor is a non-electrical device. This means the possibility of explosion from igniting flammables or combustibles is reduced.

<sup>††</sup> Motor suitable for hazardous areas that do not require independent certification.



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I.D. No. - FT95-558P 4/20/07

