



STONEBOR PUMP

McFarland Pump Group

SERIES C6 -PR

Pneumatic Chemical & Alcohol Injection Pump

Chemical Delivery up to 49 GPD | Pressure up to 5,500 PSI

SPECIFICATIONS

The following specifications are applicable for continuous Operation condition***

- No flooded suction required
- Maximum delivery – 49 gallons per day (1/2" plunger size) 60 SPM
- Complete pump – 300 Series stainless steel
- Maximum discharge pressure – 5500 PSI – 1/4" plunger
- All connections Male 1/4" NPT
- Minimum supply pressure required – 60 PSI
- Maximum supply pressure – 175 PSI
- Delivery rates – Plunger stroke speed is adjustable while pumping
- Weighs only 12 pounds
- Works fine on wet gas supply
- Low maintenance – Only 11 parts required for normal repair
- Available in adjustable packing
- Plunger seals for extended life and easy maintenance.
- Meet N.A.C.E Standards for H₂S Service.



Suitable for Offshore & Corrosive Environments

PUMP MODEL	PLUNGER SIZE (IN.)	MAX. DISCHARGE PRESSURE PSIG.	MAX. CHEM. DELIVERY GPD.	SUPPLY PRESSURE REQUIRED TO INJECT CHEMICAL AT SYSTEM PRESSURE (PSIG)											
				Chemical Injector System Pressure											
				0	50	100	200	500	1000	2000	3000	4000	5000	6000	
C-6-PR	1/4	5500	12.5	60	60	60	60	60	60	60	60	68	91	114	5800 max
	3/8	2500	26	60	60	60	60	60	60	100	2500 max				
	1/2	1450	49	60	60	60	60	60	83	1500 max					

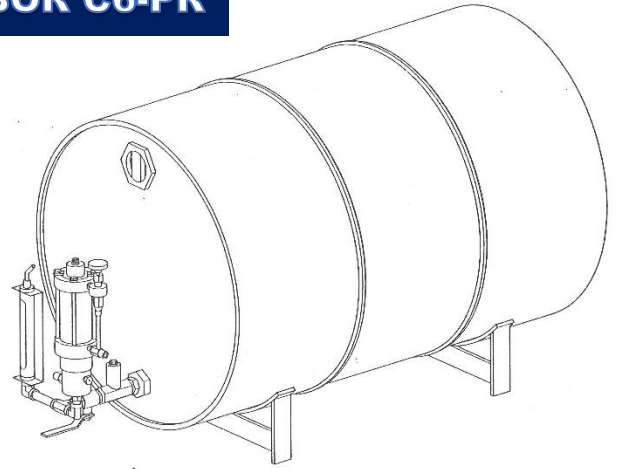
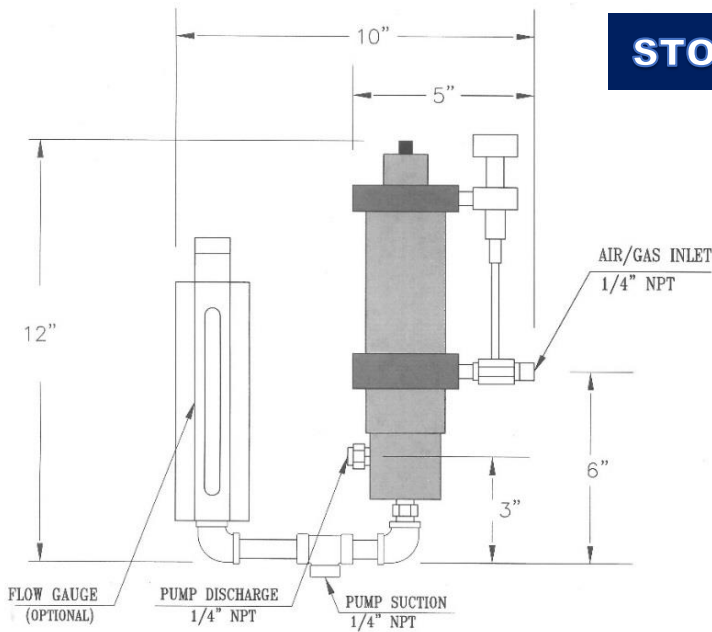
- (1) CALCULATED AT MAXIMUM RECOMMENDED SUPPLY PRESSURE OF 125 PSIG
- (2) BASED ON 60 STROKES/MIN. CONTINUOUS SERVICE AT 3/4" STROKE LENGTH @ 85% VOLUMETRIC EFFICIENCY.
- (3) FLOW RATE MAY BE SLIGHTLY LOWER AT HIGH PRESSURE.

PERFORMANCE DATA

PUMP MODEL	PLUNGER SIZE (IN.)	GAS CONSUMED TO PUMP ONE GALLON OF CHEMICAL (SCF)*										
		Chemical Injector System Pressure (PSIG)										
		0	50	100	200	500	1000	2000	3000	4000	5000	6000
C-6-PR	1/4	30	31	32	34	36	38	52	72	92	114	121 max@5800 psi
	3/8	12	13	14	15	17	25	45	54max@2500 psi			
	1/2	7	8	8	9	12	21	30 max@1500 psi				

*SCF- Standard Cubic Feet Measured at 14.7 PSIA at 60 F

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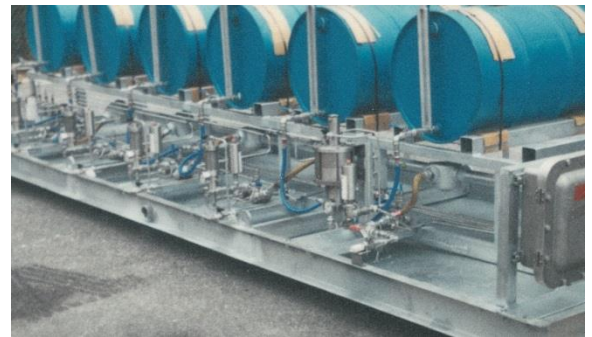


Material of Construction	Standard	Optional
Fluid End / Power End Components	303 SS	316 St.St, Inconel, K-Monel, Aluminum*
Fluid End Seals	Fluorocarbon	Teflon, Buna -n
Power End Seals	Moly-impregnated urethane	Teflon, Fluorocarbon, Buna-n
Check Valve Body	303 SS	316 Stainless Steel
Check Valve Balls	Ceramic	316 Stainless Steel

* Not recommended for fluid end

FEATURES

- Pump must be mounted vertically with the fluid end down. Pump may be supported by piping or may be mounted on STONEBOR bases or mounting brackets.
- Complete chemical Injection packages built to customer requirements.
- Typical with methanol, effective temperature range will depend on the injection chemical.
- Typical, actual consumption will vary from pump to pump.
- Typical with water at 72°F (22°C); actual flow rate will vary with chemical viscosity and temperature.
- Ensure that the injection chemical and supply gas are compatible with pump material selected



NOTE: For intermittent services requiring larger fluid volumes, higher supply pressures, higher discharge pressures than recommended above, please contact **McFarland Pump Group**.



McFarland Pump Group

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