

# MODEL 4SP SERIES PLUNGER PUMPS



**4SP21ELR**  
2.1 GPM – 2,000 PSI

**4SP29ELR**  
2.85 GPM – 1,200 PSI



## Compact Direct Drive Pump with Integral Pressure Regulator

Cat Pumps engineers have optimized every detail to produce a pump with incredible service life. Concentric high-density polished solid plungers provide a true wear surface resulting in extended seal life. The integral pressure regulator and standard 56C NEMA mounting makes the pump easy to integrate into high pressure systems.

### Features

- Specially formulated high-pressure seals and concentric, polished ceramic plungers provide maximum seal life, keeping equipment running longer with less downtime
- Stacked valve design makes service even easier
- Direct drive hollow shaft mounts to standard 56C frame electric motors for convenient and worldwide use
- Integral pressure regulator with built-in by-pass for compact size and easy plumbing

### Typical Applications

- Misting and fogging for cooling
- Humidification
- Pressure washing

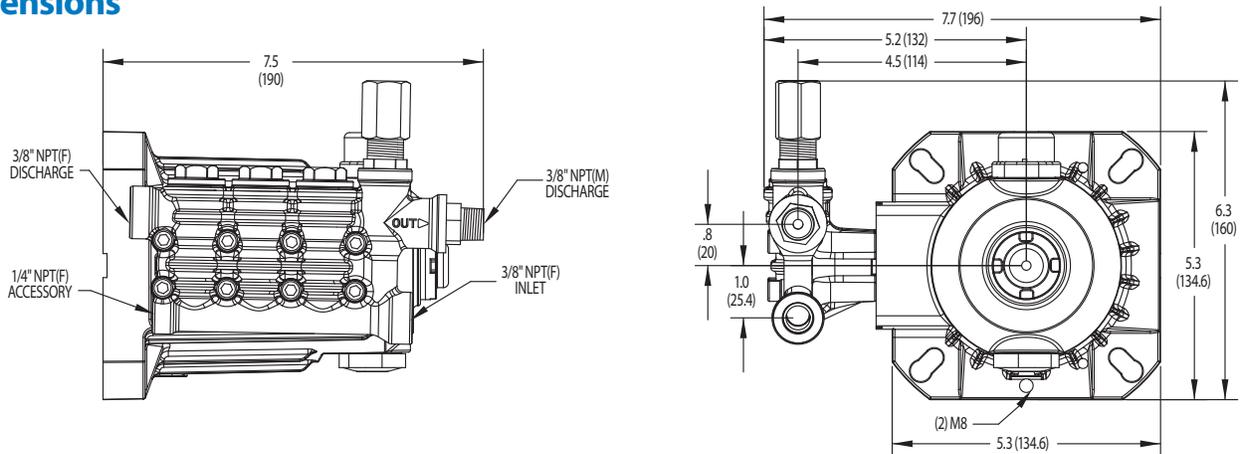


## Specifications

		US Measure	Metric Measure
Flow	4SP21ELR	2.1 gpm @ 1750 rpm	7.9 lpm
	4SP29ELR	2.85 gpm @ 1725 rpm	10.8 lpm
Pressure Range	4SP21ELR	100 to 2,000 psi	6.9 to 138 bar
	4SP29ELR	100 to 1,200 psi	6.9 to 83 bar
<b>Common:</b>			
Shaft Diameter		5/8"	15.9 mm
Inlet Pressure Range		Flooded to 60 psi	Flooded to 4.1 bar
Max. Liquid Temperature		140° F	60° C
Inlet Port (1)		3/8" NPT(F)	3/8" NPT(F)
Accessory Inlet Port (1)		1/4" NPT(F)	1/4" NPT(F)
Discharge Ports (2)		3/8" NPT(F), 3/8" NPT(M)	3/8" NPT(F), 3/8" NPT(M)
Weight		11.7 lbs	5.3 kg
Dimensions		7.5 x 7.7 x 6.3"	190 x 196 x 160 mm

Note: Direct-drive hollow shaft mounts to a standard 56C motor.

## Dimensions



## Popular Accessories



### Pop-Off Valve

PN 30961  
1 – 6 gpm  
1,000 – 3,000 psi



### Pressure Gauge

PN 6088  
0 – 3,000 psi



### Inlet Strainer

PN 7204.4  
1/2" NPT(F)  
10 gpm



### Pump Protector

PN 6208  
Case of 6, 12 oz. bottles



### Oil

PN 6107  
21 oz. Bottle  
Specially formulated for  
extended protection

Contact Cat Pumps for pricing or more information at [info@catpumps.com](mailto:info@catpumps.com) or 763-780-5440

Application photo courtesy of Modern Mistng Systems.



### CAT PUMPS

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