

5CP4100CSS SERIES MODULAR UNLOADERS



7865

2.1 mm Chemical
Injector Orifice

7866

1.8 mm Chemical
Injector Orifice

7867

Non-injector Model



5CP4110–5CP4120CSS Series

2.2–4.5 GPM | 4,000 PSI

High-Quality Primary Pressure Protection

By building on the simplicity and strength of our existing modular unloaders, Cat Pumps engineers have created this design to match our 5CP4100CSS Series Pumps to meet the demands of our customer's high-pressure application needs. Model 7865 features a 2.1 mm orifice chemical injector, and model 7866 has a 1.8 mm orifice. For applications where an injector is not required, model 7867 includes a standard discharge fitting. Lightweight and compact, these unloader valves are the perfect choice for bolt-on unloader valve installation in the discharge line to relieve excessive pressure.

Since these products are from Cat Pumps, you know they are built to last. Keep your equipment safe and running with Cat Pumps.

Features:

- Provides system pressure regulation and protection for on/off trigger gun applications.
- Built-in bypass channel eliminates the need for an external bypass hose.
- Convenient flow-through screws allow easy, compact direct mounting to the pump.
- The grooved plastic handle permits easy pressure adjustment.
- Chemical injector allows for downstream chemical injection.

Typical Applications:

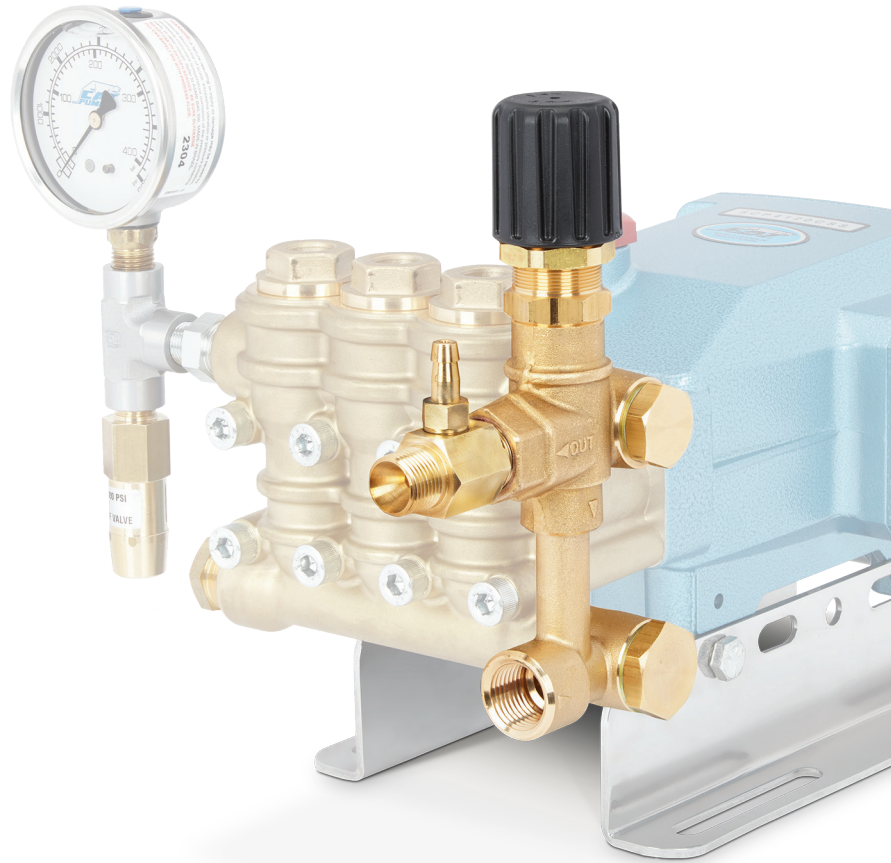
- Mobile Pressure Wash
- Surface Preparation
- Water Jetting
- Hydro Excavation
- Wash Down
- Sewer Jetting

Chemical Injector Performance Chart

PUMP	PUMP FLOW (GPM)	UNLOADER	ORIFICE SIZE (MM)	PRESSURE DROP ACROSS ORIFICE (PSI)	MAXIMUM INJECTING PRESSURE (PSI)	MAXIMUM CHEMICAL DRAW (OZ/MIN)
5CP4120CSS	4.5	7865	2.1	300	500	71
5CP4118CSS	4.2	7865	2.1	270	430	68
5CP4116CSS	3.8	7865	2.1	200	360	68
5CP4114CSS	3.2	7866	1.8	300	380	57
5CP4112CSS	2.7	7866	1.8	270	290	81
5CP4110CSS	2.2	7866	1.8	150	210	81

Specifications

	US MEASURE	METRIC MEASURE
Flow Range	0.5–6.0 gpm	1.9–23 lpm
Pressure Range	100–4000 psi	6.9–276 bar
Maximum Temperature	160° F	71° C
Inlet Port (1)	½" NPT(F)	½" NPT(F)
Outlet Port (1)	¾" NPT(M)	¾" NPT(M)
Bypass Port	Built-In Channel	Built-In Channel
Weight	1.95 lbs	0.88 kg
Dimensions	4.12 x 1.75 x 7.00"	105 x 44 x 178 mm



Popular Accessories



Pop-Off Valve

PN 33961
¼" NPT(M)
Up to 6 gpm
1,000–4,000 psi



Thermal Valve

PN 7142
½" NPT(M)
145° F



Pressure Gauge

PN 6089
¼" NPT(M)
0–6,000 psi



Inlet Strainer

PN 7104.4
½" NPT(F)
10 gpm Max



Oil

PN 6107
21 oz. Bottle
Specially formulated
for extended protection.

Contact Cat Pumps for more information at info@catpumps.com or (763) 780-5440



CAT PUMPS

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