

Series 6200 Pneumatic Pump

PUMP CATEGORY

Type: Plunger
Control: Cycle Speed
Stroke: 2 in (51 mm) Fixed

FLOW RATE

1.8 - 58.0 USG/H (6.8 - 219.5 L/H)

PRESSURE

0 - 10,000 PSIG (0 - 689 BARG)

SUPERIOR DESIGN

- Durable, High-Quality Materials
- No Springs or Diaphragms
- Accurate and Repeatable Injection
- Quick Maintenance and Low Downtime
- High Return on Investment

CHEMICAL RESISTANCE

Proprietary, high-quality seal materials enable CheckPoint pumps to provide unparalleled chemical resistance. Wetted components are available in an array of materials. Chemical applications include, but are not limited to:

- Scavengers (H₂S, O₂, CO₂)
- Hydrate Inhibitors (MeOH, MEG, LDHI)
- Foamers and Defoamers
- Corrosion, Scale, and Paraffin Inhibitors
- Clarifiers, Biocides, Bleaches, and Acids

ZERO EMISSIONS

CheckPoint offers standard integrated gas recovery capable of 120 PSIG (8.3 BARG) exhaust backpressure.

WARRANTY

CheckPoint guarantees 40 months of material and workmanship.



MODEL	FLOW RATE	FLOW RATE	WORKING PRESSURE	PISTON DIAMETER	PLUNGER DIAMETER	DIMENSIONS	WEIGHT LB (KG)	SUCTION CONNECTION	DISCHARGE CONNECTION
	(MINIMUM) USG/H (L/H)	(MAXIMUM) USG/H (L/H)	(MAXIMUM) PSIG (BARG)	IN (MM)	IN (MM)	L X W X H IN (MM)			
6212	1.8 (6.8)	58.0 (219.5)	10,000 (689)	6 (152.4)	3/4 (19)	28.39 (721) X 10.17 (258) X 11.51 (292)	68 (30.8)	3/4" MNPT	3/8" FNPT

Tabular data should be used for quick reference only. See performance curves for accurate pump selection.



CheckPoint's positive displacement, reciprocating chemical injection pumps are specifically designed for, and extensively proven in, demanding oil and gas production applications worldwide. Our pumps are utilized in various industries, such as pulp, water treatment, fertilizer dosing, paper, and fluid processing applications, where precise delivery is operationally paramount. The pneumatic motor, composed entirely 316 SS, remains isolated from the wet end and is dependably able to run on pressurized gas or liquid without stalling. CheckPoint's double-acting design eliminates a return spring, which greatly increases repeatability and reliability over time.

The **Series 6200** pump features a unique head design, which integrates a check valve into the plunger tip and moves liquid on both sides of the stroke, thus increasing flow output and providing continuous injection. The Series 6200 maintains flow rates that range from 1.8 – 58.0 USG/H (6.8 – 219.5 L/H) and reliably injects into pressures up to 10,000 PSIG (689 BARG). Our pumps maintain unparalleled chemical resistance due to the essential integration of high-quality, proprietary seal materials. In order to meet a wide variety of chemical compatibility needs, wetted parts are available in an array of materials, such as 316 SS, Hastelloy C-276, Duplex 2205, Super Duplex 2507, PVC, ceramic and titanium, and seals are available in Viton, HNBR, FKM, and FFKM. All construction materials are compatible with sour gas according to NACE MRO175 and ISO 15156.

We recommend "Plug & Play" injection packages (as pictured below) as an optimum solution to efficiently and effectively integrate chemical injection into your process. CheckPoint has engineered, manufactured, and sourced high-quality components which, combined in a package with our pumps, maximize product life and optimize productivity. We also offer custom system design and technical services to meet specialty product requirements. CheckPoint will create a solution that meets your specific chemical injection needs, from concept to completion.

