

CHEM-FEED® C-600P

Superior Quality and Performance

The C-600P Diaphragm Style Metering Injector features the exclusive CHEM-FEED Heavy Duty Cartridge Valve Pump Head. The revolutionary design of this head begins with Bullet Cartridge Valves constructed of tough PVDF plastic. Each valve has two ceramic ball checks and is double sealed with high grade Viton® o-rings. The double ball valve design means this pump head has enhanced priming capabilities and is exceptional for purging air and gas. The Heavy Duty Pump Head is nearly maintenance free however, should valves need replacing, bottom and top valves are completely interchangeable for quick, efficient and economic servicing.

The C-600P output rate is adjusted by means of a cam-type diaphragm stroke adjustment. In addition, the C-600P may be ordered with an all solid state percentage controller mounted directly to the pump housing.

The simple and highly efficient design of the C-600P ensures it will get the job done with a minimum of maintenance required.



CHEM-FEED C-600P

C-600P Features Include:

- Precision molded Heavy Duty Pump Head
- Double-ball inlet and outlet, cartridge style check valves
- EP/Teflon Diaphragm
- Easy to access side mounted output rate control
- Shipped with a Polypropylene injection check valve with Viton® o-ring seals and spring-loaded ceramic ball
- Shipped with a PVDF foot valve with Viton® o-ring seals, ceramic ball and removable Polypropylene filter screen
- Packaging includes suction and discharge tubing and mounting hardware
- Installs quickly, field serviceable

C-600P Specifications

Max. Working Pressure:	125psig/6.6 Bar
Max. Fluid Temperature:	130° F/54° C
Ambient Temp Range:	14° to 110° F/-10° to 43° C
Max. Viscosity:	1,000 Centipoise
Max. Suction Lift:	10 ft. Water
Output Accuracy:	+/- 10% of Maximum
Turndown Ratio:	27:1
Duty Cycle:	Continuous
Power Requirement:	Standard: 115V/60Hz-45 Watts Optional: 220V/50Hz, 24V/60Hz, 230V/60Hz, 12V DC
Amp. Draw:	115V/60Hz starting .74/running .45 230V/60Hz starting .36/running .21 24V/60Hz starting 3.4/running 2.0 220V/50Hz starting .31/running .19 12V DC, 3.0 Amp. max.
Dimensions:	6-1/2"H x 6-5/8"W x 5-3/8"D
Ship Weight:	8 lbs./3.64 kg.

C-600P ORDERING GUIDELINES

MODEL NUMBER	STROKES PER MIN	GPD	MAX FEED RATE GPH	ML/MIN	MAX. PSI
C-614P	14	24	1.0	64	125
C-630P	30	58	2.4	155	125
C-645P	45	91	3.8	240	80
C-660P	60	110	4.6	290	60
C-6125P	125	237	9.9	625	30
C-6250P	250	389	16.2	1024	10

GPD = Gallons Per Day GPH = Gallons Per Hour
ML/MIN = Milliliters Per Minute PSI = Pounds Per Square Inch

Note: All flow rates based on water at 70 degrees Fahrenheit. Atmospheric pressure at 14.7 PSI.
Please Note: 220V/50Hz units have approximately 20% less output.

C-600P Options Include:

- Solid State, one minute cycle, Percentage Controller
- Teflon/Viton® Diaphragm
- ON/OFF Toggle type power switch
- Six Foot Power Cord
- Heavy Duty Acrylic Pump Head
- Heavy Duty Teflon Pump Head

AUTHORIZED REPRESENTATIVE

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