

# CHEM-FEED® G-600P SERIES

## Diaphragm Metering Pump



C-630P-115VAC



See instruction manual at [www.blue-white.com](http://www.blue-white.com) for detailed installation and operating requirements.

### C-600P Standard Features

- Easy access, side mounted mechanical output rate adjustment.
- Double-ball inlet and outlet cartridge type ceramic check valves.
- PVDF valve body and fitting, ceramic balls, Viton and TFE/P o-rings.
- Superior pump head design of precision molded polypropylene.
- Teflon coated EP diaphragm.
- All ball bearing, permanently lubricated gear motor for smooth, powerful operation.
- Polypropylene injection check valve with Viton and TFE/P o-rings and spring loaded ceramic ball seal.
- PVDF suction (foot) valve with Viton and TFE/P o-rings, ceramic check ball and removable polypropylene filter screen.
- Includes 3/8" OD suction and discharge tubing, and all mounting hardware.
- Efficient, dependable design - each unit is factory tested.
- Private labeling for volume purchasers.

### C-600P Specifications

Max. Working Pressure.....	125 psig (8.6 bar)
Max. Fluid Temperature.....	130° F (54° C)
Ambient temp range .....	14° to 110° F (-10° to 43° C)
Max. viscosity .....	1000 Centipoise
Max. suction lift .....	10 ft. Water
Output accuracy .....	+/- 10% of max. (water 0 psi, 5' suction lift)
Turndown ratio .....	27:1 Standard models
Amperage draw.....	115V/60Hz ..... starting .74 / running .45 230V/60Hz ..... starting .36 / running .21 220V/50Hz ..... starting .31 / running .19 24V/60Hz ..... starting 3.4 / running 2.0 12VDC .....3.0 amp max
Dimensions .....	6-1/2" H x 6-5/8" W x 5-3/8" D
Approximate shipping wt. ....	8 lb. (3.6 kg)

### Enter Model Number Above For Pricing

#### Standard models with Stroke Adjustment

MAXIMUM OUTPUT AT 0 PSI					Max	115V/60HZ MODELS				230V/60HZ MODELS				220V/50HZ MODELS*				24V/60HZ MODELS			
GPD	GPH	LPH	OZ/MIN	PSI	PSI	Model Number				Model Number				Model Number				Model Number			
24	1.0	3.8	2.7	125		C-614P-115VAC				C-614P-230VAC				C-614P-220VAC				C-614P-24VAC			
58	2.4	9.3	5.2	125		C-630P-115VAC				C-630P-230VAC				C-630P-220VAC				C-630P-24VAC			
91	3.8	14.9	8.1	80		C-645P-115VAC				C-645P-230VAC				C-645P-220VAC				C-645P-24VAC			
110	4.6	17.4	9.8	60		C-660P-115VAC				C-660P-230VAC				C-660P-220VAC				C-660P-24VAC			
237	9.9	37.0	21.1	30		C-6125P-115VAC				C-6125P-230VAC				C-6125P-220VAC				C-6125P-24VAC			
389	16.2	61.4	34.6	10		C-6250P-115VAC				C-6250P-230VAC				C-6250P-220VAC				C-6250P-24VAC			

\* Note: 220V/50Hz models deliver approximately 20% less output.  
12V DC models are also available. Please contact the factory for ordering information.

### Additional Modifications

Option Number	Description	Add-on to Price
13C	Teflon coated Viton diaphragm..	\$15.08
05	Power cord with plug.....	14.45
16	Power switch.....	11.94
29	1 minute, 115V cycle timer.....	126.22
46	1 minute, 220/230V cycle timer...	129.92
53	Clear acrylic pumphead.....	47.86
18HD	Teflon pumphead & accessories..	238.11

### Enter Part Number Above For Replacement Part Pricing

Detail A		
Gearbox	Catalog #	Price
14RPM	C-618P-14	
30RPM	C-618P-30	
45RPM	C-618P-45	
60RPM	C-618P-60	
125RPM	C-618P-125	
250RPM	C-618P-250	

Gearbox	Catalog #	Price
14RPM, 115V 60Hz	C-642P-14	
30RPM, 115V 60Hz	C-642P-30	
45RPM, 115V 60Hz	C-642P-45	
60RPM, 115V 60Hz	C-642P-60	
125RPM, 115V 60Hz	C-642P-125	
250RPM, 115V 60Hz	C-642P-250	
14RPM, 230V 60Hz	C-643P-14	
30RPM, 230V 60Hz	C-643P-30	
45RPM, 230V 60Hz	C-643P-45	
60RPM, 230V 60Hz	C-643P-60	
125RPM, 230V 60Hz	C-643P-125	
250RPM, 230V 60Hz	C-643P-250	
14RPM, 220V 50Hz	C-644P-14	
30RPM, 220V 50Hz	C-644P-30	
45RPM, 220V 50Hz	C-644P-45	
60RPM, 220V 50Hz	C-644P-60	
125RPM, 220V 50Hz	C-644P-125	
250RPM, 220V 50Hz	C-644P-250	

### C-600P Output vs. Pressure Curves

