

C-1500N Pumps

Digital Diaphragm Metering Pumps



Description

The popular C-1500N Series metering pumps are well-suited for a variety of water, wastewater, and industrial chemical treatment applications. Built to last, the C-1500N pumps feature high quality wet end materials, a weather resistant housing, and an all-ball bearing motor for smooth, reliable operation. The pumps also feature an exclusive heavy-duty head, with bullet cartridge valves constructed of chemical resistant PVDF. Each valve assembly has two ceramic check balls, which provide a double seal for faster priming and a reduced chance of air locking due to off-gas buildup.

Each C-1500N pump ships with a foot valve and strainer, a suction tube weight, suction tubing, discharge tubing, an injection valve with a check valve, and mounting hardware. Please note that you should always check for chemical compatibility before ordering a pump.

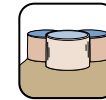
Specifications

Max. Working Pressure	125 psig (8.6 bar)
Max. Fluid Temperature	130°F (54°C)
Max. Ambient Temperature	14 to 110°F (-10 to 43°C)
Output Adjustment Range	5 to 100% stroke length
Duty Cycle	Continuous
Maximum Viscosity	1,000 Centipoise
Maximum Suction Lift	10'
Enclosure	NEMA type 3R, (IP23)
Pump Head	Polypropylene
Pump Head Inlet/Outlet Valves	Cartridge Valve Body: PVDF Tube Adapters: PVDF Check Balls: Ceramic Ball Seat O-ring: TFE/P Static Seal O-ring: Viton®
Suction Tubing	Clear PVC (5')
Flow Indicator	Clear PVC body, glass ball
Discharge Tubing	Natural Polyethylene (LLDPE)
Suction Foot Valve/Strainer	Body & Tubing adapter: PVDF (optional Teflon®) Strainer: Polypropylene Check Ball: Ceramic Ball Seat O-ring: TFE/P Static Seal O-ring: Viton®
Injection/Check Valve Assembly	Body & Insert: Polypropylene (optional PVDF) Check Ball: Ceramic Spring: Hastelloy C-276 Ball Seat O-ring: TFE/P Static Seal O-ring: Viton
Dimensions	4-1/2 x 9-1/6 x 5-3/4" (11.4 x 23 x 14.6 cm)
Shipping Weight (Approx.)	8 lbs (3.6 kg)

Features

- Reliable and easy to maintain
- All ball bearing gear motor for smooth operation
- High quality wet end materials

Applications



Ideal for a variety of water, wastewater, and industrial chemical treatment applications.

Ordering & Options

C3F 115 VAC/60 Hz Models

Order No.	Max gpd ¹	Max psi ²
C-15N002X000V00	6.6	125
C-15N102X000V00	16.3	125
C-15N202X000V00	26.6	125
C-15N204X000V00	49.0	125
C-15N304X000V00	57.7	125
C-15N402X000V00	68.4	125
C-15N404X000V00	119.7	70

C3F 220 VAC/50 Hz Models

Order No.	Max lph ¹	Max bar ²
C-15N012X000V00	1.0	8.62
C-15N112X000V00	2.5	8.62
C-15N212X000V00	4.2	8.62
C-15N214X000V00	7.7	8.62
C-15N314X000V00	9.1	8.62
C-15N412X000V00	10.8	8.62
C-15N414X000V00	18.9	4.83

1) Maximum liquid output at zero backpressure.

2) Maximum pressure output.

Replacement Parts

Order No.	Description
R-106VT-15N	Diaphragm, Teflon Coated EP
C-535A6-6	Pump Head Kit w/Valves & Diaphragm
C-535	Pump Head
K-568A-6A	Inlet & Outlet Valve Kit
C-340A	Foot Valve/Suction Strainer
A-014N-6A	Injection/Anti-Siphon Valve Assembly
K-568A-4	4-pack of Check Balls for Inlet/Outlet Valves
700000-638	5' Suction Tubing w/Flow Indicator



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