

CHEM-FEED® NOIR

A Superior Metering Injector

When you need a Tough, Accurate, Dependable Metering Injector you can't beat Blue-White's line of CHEM-FEED diaphragm-type pumps. CHEM-FEED Injectors combine high quality materials of construction and pride-of-workmanship, with flexibility and value.

Because we manufacture most of the components in our own plant, including the all ball bearing gear motor, we can offer CHEM-FEED metering injectors with many configuration, material, voltage and output rate options. We invite you to compare CHEM-FEED metering injectors to those of other manufacturers'. You'll find CHEM-FEED injectors are Tops in Benefits and Value.

CHEM-FEED NOIR Series Injectors are equipped with the BEST pump head in the business - the CHEM-FEED Heavy Duty 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, easy and economic servicing. In addition to the High Performance Head, each C-1500N has a sleek black motor housing of durable Valox, Blue-White's own all ball bearing gear motor and, each unit is factory tested.

The **STANDARD** C-1500N NOIR has a top mounted stroke adjustment (output control) for accurate, consistent chemical injection. For even greater control, the **DELUXE** C-1500N NOIR has a built-in percentage controller. The operator can adjust both the stroke of the diaphragm and the controller, for even more **PRECISE** output adjustment. The **MICRO-FEED** C-1500 is fitted with a diaphragm 50% smaller than the Standard C-1500N diaphragm. This design ensures excellent accuracy when injecting small amounts of chemical.

Additional C-1500N Features Include:

- Each C-1500N is fitted with a bearing supported, top drive assembly. This greatly enhances efficiency at moderate to elevated pressures.
- Expect up to 25% better cooling.
- The Foot Valve/Strainer is Top Notch. Body construction is molded PVDF with a ceramic ball valve.
- The output label has been designed to make reading and setting the adjustment simple.



CHEM-FEED BENEFITS INCLUDE:

- Superior Pump Head Design
- All Ball Bearing Gear Motor for Smooth, Powerful Operation plus, Permanent Lubrication
- Quick Adjusting Output Mechanisms
- Efficient, Dependable Design — Each Unit Factory Tested
- Field Serviceable
- Backed by an Excellent Limited Warranty and, a Nationwide Network of Factory Authorized Warranty Service Centers

CHEM-FEED OPTIONS INCLUDE:

- Pump Head Design and Material Options
- Electronic and Mechanical Output Controllers
- Voltage Options
- 4-20mA, 0-10V DC and Pulsed Input Control Capabilities
- Private Labeling for Volume Purchasers

CHEM-FEED APPLICATIONS INCLUDE:

- Water Treatment and Conditioning
- Soap, Wax and Detergent Injection
- Wastewater Treatment
- Biocide Feed
- Rural Water Systems
- Cooling Tower and Boiler Water Treatment
- Fertilizer and Nutrient Injection
- Swimming Pool Chlorination/ph Control
- . . . and many others where a tough, dependable injector is needed

VOLTAGE OPTIONS:

STANDARD UNITS have 115V/60Hz motors

OPTIONAL voltages are: 220V/50Hz; 24V/60Hz; 24V/50Hz; 230V/60Hz

C-1500N STANDARD MODEL ORDERING GUIDE

MODEL NUMBER	STROKES PER MIN.	MAX. GPD	MAX. GPH	MAX. OZ. MIN.	MAX. ML/MIN	MAX. PSI
C15N002X	14	6.6	.2	.6	18	125
C15N004X	14	12.9	.5	1.1	34	125
C15N102X	30	16.3	.6	1.4	43	125
C15N104X	30	30.0	1.2	2.6	79	125
C15N202X	45	26.6	1.1	2.4	70	125
C15N204X	45	49.0	2.0	4.3	129	125
C15N302X	60	31.1	1.3	2.7	82	125
C15N304X	60	57.7	2.4	5.1	152	125
C15N402X	125	68.4	2.8	5.9	180	125
C15N404X	125	119.7	4.9	10.6	315	70

C-1500N DELUXE MODEL - Dual Control - Stroke & Percentage Controller

MODEL NUMBER	STROKES PER MIN.	MAX. GPD	MAX. GPH	MAX. OZ. MIN.	MAX. ML/MIN	MAX. PSI
C15N102I	30	16.3	.6	1.4	43	125
C15N104I	30	30.0	1.2	2.6	79	125
C15N202I	45	26.6	1.1	2.4	70	125
C15N204I	45	49.0	2.0	4.3	129	125
C15N302I	60	31.1	1.3	2.7	82	125
C15N304I	60	57.7	2.4	5.1	152	125
C15N402I	125	68.4	2.8	5.9	180	125
C15N404I	125	119.7	4.9	10.6	315	70

NOIR MICRO-FEED STANDARD MODEL

MODEL NUMBER	MAX. GPD	MAX. GPH	MAX. OZ./MIN.	MAX. ML/MN	MAX. PSI
C15N002X026V10	3.4	0.2	0.3	9	125
C15N102X026V10	8.3	0.3	0.7	22	125
C15N204X026V10	22.1	0.9	2.0	58	125
C15N304X026V10	26.6	1.1	2.4	70	125
C15N404X026V10	55.5	2.3	4.9	146	125

NOIR MICRO-FEED DELUXE MODEL - with Integral Percentage Controller

MODEL NUMBER	MAX. GPD	MAX. GPH	MAX. OZ./MIN.	MAX. ML/MN	MAX. PSI
C15N002I026V10	3.4	0.2	0.3	9	125
C15N102I026V10	8.3	0.3	0.7	22	125
C15N204I026V10	22.1	0.9	2.0	58	125
C15N304I026V10	26.6	1.1	2.4	70	125
C15N404I026V10	55.5	2.3	4.9	146	125

NOTE: 220V/50Hz units deliver approximately 20% less output



CHEM-FEED PUMP HEAD KITS

You may want to keep an extra pump head kit on hand to ensure your systems' down time is kept to a minimum.

STANDARD NOIR HEAD

MODEL NO.	DESCRIPTION
C-535K6-6	Complete NOIR Standard Head Kit including diaphragm.

BULLET VALVES

K-568V-4	4 Pack
K-568V-10	10 Pack

MICRO-FEED HEAD

S-535K6-6-15N	Complete MICRO-FEED Head Kit including diaphragm.
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* Viton® is a registered trademark of DuPont.



ANTI-SIPHON INJECTION VALVES

This durable PVC anti-siphon valve prevents backflow of liquid in the system through lines and fittings during ON and OFF cycles. It's specially designed to keep the pumped liquid from siphoning through the pump head.

ANTI-SIPHON INJECTION VALVES FOR

CHEM-FEED PART NO.	TUBE SIZE O.D.	O-RING MAT.	FLEXFLO PART NO.	TUBE SIZE O.D.	O-RING MAT.
C-395HD-4E	1/4"	EP	A-014HD-6V	3/8"	Viton®
C-395HD-4V	1/4"	Viton®	A-014HD-4V	1/4"	Viton®
C-395HD-6E	3/8"	EP	A-014HD-6E	3/8"	EP
C-395HD-6V	3/8"	Viton®	A-014HD-4E	1/4"	EP
C-3395-10E	A.S. Vlv for C-3000P	EP	A-014-6V	3/8"	Viton®
C-3395-10V	A.S. Vlv for C-3000P	Viton®	A-014-4V	1/4"	Viton®

Blue-White®

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