



## Peristaltic Metering Pumps

**Blue-White, FLEXFLO Peristaltic Metering Pumps.** Time tested tube and roller design. Ideal for precise Injection and Metering of a wide variety of chemicals for many applications including highly viscous products.

### Common Applications:

Chemical Metering • Water Treatment • Fertigation and Nutrient Injection • Cooling Tower and Boiler Treatment • Biocide Feed • Acids Injection.



A1N Series

**Blue-White**  
Industries, Ltd.

**A1N Series** Pumps feature Manual Variable Speed Dial Knob for flow output setting from 10-100%. NEMA 3R (IP66) enclosures. Temperatures to 130° F. Dimensions: 9-1/4" W x 9" D x 6"H.

**A1F Series** Pumps feature Manual Digital Readout and Control. Motor speed range .1% to 100%. NEMA 4X (IP66) enclosures. Temperatures to 130° F. for F1T, 3T and 8T models, 185° F. on F6T and 7T. Dimensions, 7-1/4W x 10"D x 9" H.



A1F Series



### Standard Features

Self-priming • No valves to clog or foul • Compact design • Continuous duty • Output volume is not affected by changes in back pressure • Patented tube design installs easily and remains centered on the rollers at all times • Built-in Tube Failure Detection System • Chemical resistant components for specific chemicals.

**Note:** All models have tubing as shown with Polypropylene, Ceramic, Hastelloy, TFE, FKM and PVDF wetted parts with PVC inlet suction tubing.

### Specifications:

Rated up to 5000 Centipoise • Suction lifts to 30Ft • Up to 50% solids by volume • 115 Volt shown. (230 Volt available) • Outputs to 5.6 Gph, (12oz/minute) • Pressures from 50-100 PSI.

**Note:** Common A1N pumps are shown but, other motor rpm, flow rates and voltages are available. Pumps are also available mounted to 7, 15 or 30 gallon storage tanks if required, call for pricing.

### Manual Speed Adjustment Knob

Part No.	* Voltage	Max. Oz/Min	** Tube Type	Max. PSI	Wt. Lbs.
BL A1N00F-4T	115V	0.20	Flex-A-Prene	100	5
BL A1N20F-4T	115V	0.71	Flex-A-Prene	75	5
BL A1N10F-7T	115V	4.66	Flex-A-Prene	50	5
BL A1N00F-1T	115V	0.51	Flex-A-Thane	65	5
BL A1N30F-2T	115V	4.73	Flex-A-Thane	65	5
BL A1N20F-3T	115V	8.82	Flex-A-Thane	50	5
BL A1N30F-3T	115V	11.0	Flex-A-Thane	50	5
BL A1N00F-8T	115V	1.35	Flex-A-Chem	50	5
BL A1N10F-8T	115V	2.80	Flex-A-Chem	50	5
BL A1N30F-8T	115V	6.10	Flex-A-Chem	50	5

\* 230 Volt Models also Available. \*\* See Chart for Chemical Compatibility.

### Manual Digital Speed Control

Part No.	* Voltage	Max. Oz/Min	** Tube Type	Max. PSI	Wt. Lbs.
BL A1F4-1T	115V	2.32	Flex-A-Thane	65	6
BL A1F4-6T	115V	2.88	Flex-A-Prene	100	6
BL A1F4-8T	115V	6.58	Flex-A-Chem	50	6
BL A1F4-7T	115V	8.88	Flex-A-Prene	50	6
BL A1F4-3T	115V	11.9	Flex-A-Thane	50	6

\* 230 Volt Models also Available. \*\* See Chart for Chemical Compatibility.



## Chem-Feed Diaphragm Metering Pumps

**Blue-White CHEM-FEED Diaphragm Pumps** are designed for a wide variety of chemical metering applications. Outputs to 7.7gph and pressures to 150 PSI. Digital control with LCD display.

**Standard Features:** Industry best turndown at 1000-1 (.1% to 100%) • Smooth dosing, no pulsation dampener required Exclusive Diaphragm Failure-Detection System • Remote stop/start • Rated for continuous duty • Rated for 1000 Centipoise • 20ft suction lift • 115 volt shown, but 230 volt available • Nema 4X, (IP66) Enclosure • Maximum temperatures to 185° F. • Dimensions: 9-1/2" W x 10-1/2" D x 9-1/2" H. 3/8" O.D. tube connector fittings.



Wetted parts include PVDF, Ceramic, TFE/P or EP, Polypropylene, Hastelloy, FKM and PVC suction tubing.

**CD1FV14** features Dia-Flex diaphragms and TFE/P o-rings for many chemicals except caustic soda and aqueous ammonia.

**CD1FE14** features Flex-A-Prene diaphragms and EP o-rings rated for many chemicals including caustic soda and aqueous ammonia.

Part No.	Voltage	GPH Range	Max. PSI	Wt. Lbs.
BL CD1FV14	115 Volt	.0077 - 7.70	150	8
BL CD1FE14	115 Volt	.0077 - 7.70	150	8

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## Chem-Pro Diaphragm Metering Pumps

### Higher Flows, Higher Pressures

**Blue-White CHEM-PRO, High Flow, High Pressure Diaphragm Pumps.** Ideal for a wide variety of chemical metering and injection applications. Outputs to 40 Gph and pressures to 175 PSI. Digital Speed Output Control with LCD display. Manual 100:1 Speed Adjustment. PVDF (Kynar) diaphragms for excellent chemical compatibility.

**Common Applications Include:** Chemical metering • Fertilizer Injection • Wastewater treatment • Boiler treatment • Municipal water treatment • Acids injection • Fluoridation • Plating chemicals • Pulp and Paper chemical feed • Cooling tower treatment.



**Standard Features:** Remote stop/start • PVDF (Kynar) diaphragm and check valves • Feed rate range from 1% to 100% • Diaphragm failure detection system • Nema 4X (IP66) enclosure • Quiet, variable speed motor • Fluid temperatures to 130° F. • 115 Volt units shown but 230 Volt available • 1/2" Mpt fittings • Viscosities to 1000 Centipoise • 15' suction lift • Dimensions, 14" W x 11-1/2" D x 6-1/2" H.

**Wetted Parts** in all models include PVDF, Ceramic, Hastelloy, Tetrafluoroethylene/propylene, PVC suction tubing.

Part No.	Voltage	GPH Range	Flow @ 100 PSI	Max. PSI	Wt. Lbs.
BL C2F243XVA	115 Volt	.067 - 6.70	5.2 Gph	175	12
BL C2F241XVA	115 Volt	.10-10.0	7.5 Gph	175	12
BL C2F242XVA	115 Volt	.16-16.5	13 Gph	175	12
BL C3F241XVA	115 Volt	.26-26.2	23 Gph	175	18
BL C3F242XVA	115 Volt	.40-40.6	34 Gph	175	18