

MicroTron

Series B

Chemical Metering Pump

***Digitally
Accurate
Speed
Adjustment***



Key Features

- Dual Output Adjustment
- NEMA 4X Style Enclosure
- Guided Double Ball Checks
- Circuit Voltage Protection
- Thermal Overload Protection
- Priming / Degassing Valve
- LED Indicating Lights
- Splash Cover Over Controls
- 2 Year Warranty

Application

MicroTron Series B metering pumps provide reliable, economical chemical addition for a wide variety of applications.

Precise stroking speed is maintained with a digitally accurate speed adjustment. Metering accuracy is achieved with double ball guided checks. A NEMA 4X style housing allows for outdoor installations.

Series B pumps are available in outputs up to 45 GPD and 250 PSI. The manual stroke length and digital speed adjustment provides a wide turn down capability on all models.

Build a Model

Model B_____ - _____

Build your model number by selecting one code from each step. Example: B130X1-KVC1

STEP 1 OUTPUT (MAXIMUM)

115	=	15 GPD / 2.37 LPH	at	150 PSI (10.3 bar)
130	=	30 GPD / 4.70 LPH	at	110 PSI (7.5 bar)
145	=	45 GPD / 7.09 LPH	at	75 PSI (5.1 bar)
217	=	17 GPD / 2.60 LPH	at	250 PSI (17.2 bar)

STEP 2 CONTROL OPTIONS

X	=	Standard
D	=	Dual Output 10-50 sph or 1-125 spm
E	=	External Pace
L	=	Limit Timer

STEP 3 VOLTAGE

1	=	120 Volt USA Plug
2	=	240 Volt
3	=	240 Volt Specified Plug
4	=	12 Volt Operation

STEP 4 HEAD MATERIAL

K	=	Kynar
M	=	Kynar head w/ SS valve bodies ¹
S	=	Stainless ¹

STEP 5 SEAT MATERIAL

V	=	Viton
F	=	Teflon
H	=	Hypalon

STEP 6 CHECK BALL

C	=	Ceramic
D	=	Ceramic/single on discharge (pressure relief)
S	=	Stainless

STEP 7 CONNECTIONS²

1	=	$\frac{3}{8}$ " (9.525 mm) tubing rated to 200 PSI
2	=	$\frac{1}{4}$ " (6.35 mm) tubing rated to 300 PSI
P	=	$\frac{1}{4}$ " (6.35 mm) MNPT Connections
U	=	$\frac{3}{8}$ " (9.525 mm) black UV tubing rated to 200 PSI
V	=	$\frac{3}{8}$ " (9.525 mm) tubing rated to 200 PSI, clear suction

For other options, see Price List or consult factory.

Notes: 1. M & S head material selections must have the P connection option and do not include a foot and injection valve or tubing.
2. Tubing selection may impact pump rating.

Specifications

Electrical

- **Input** - 120 VAC or 240 VAC @ 50/60 Hz

Operational

- **Stroke length adjustment** - 10-100%
- **Stroke frequency** - 1-125 strokes/minute for 15, 30 & 17 GPD; 1 - 145 strokes / min. for the 45 GPD

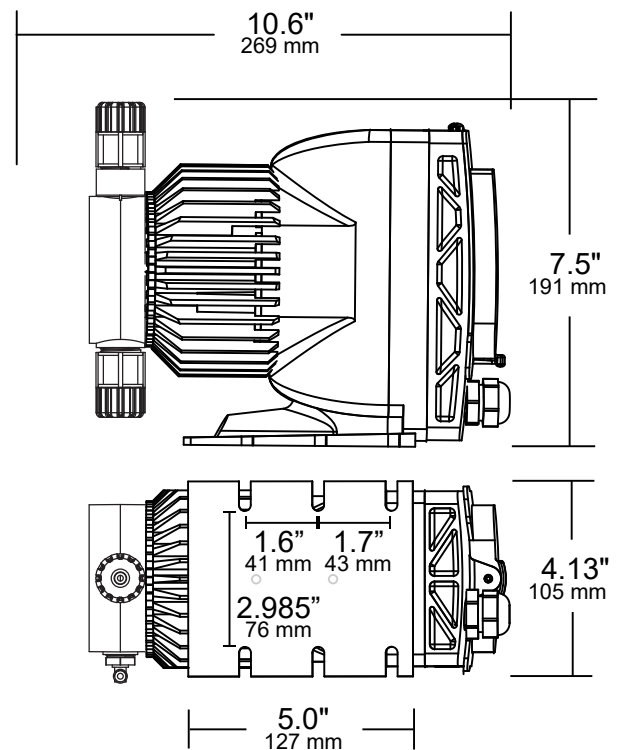
Enclosure

Heavy duty NEMA 4X style high impact thermoplastic with clear lexan cover.

Environment

- Max temperature 140°F (60°C)
- Relative humidity 0 to 100%

Shipping Weight: Approx. 10 lbs. (4.536 kg)



Kynar Head Shown

Accessories

Standard models include everything needed for immediate start-up: injection, foot and priming valve assemblies plus suction and discharge tubing.

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