

Information Sheet

Series U5

Electronic Metering Pumps

Dependable

Totally enclosed, chemically resistant housing and encapsulated electronics provide protection from harsh environments and ensure long life. The Series U5 is virtually maintenance free with only one moving part that's permanently lubricated.

Quiet

Noise reduction system virtually silences the pump, making it ideal for household applications.

Safe

Inherent pressure relief stops the pump if the system back pressure exceeds the pump's strength. Thermostatic protection prevents damage from overheating.

The *first* electronic metering pump designed specifically for the water conditioning industry.

- Chlorination
- pH adjustment

The Series U5 is designed for water conditioning applications that require flow proportional chemical feed.



Connects by cable (included) directly to a water meter and provides one stroke for each signal from the meter (reed switch).

Standard Accessories

Each Uni-Dose® Series U5 pump comes complete with a priming valve, injection check/back pressure valve, foot valve/strainer, vinyl suction tubing, PE discharge tubing, and a ceramic weight. The head and fittings are constructed of high strength PVC.

Advanced Valve Design

Each pump is equipped with four self-cleaning Uni-Valves™ designed to maintain prime while eliminating the scaling and clogging associated with ball valves.

Uni-Dose®

Manufactured by Liquid Metronics Incorporated

8 Post Office Square
Acton, MA 01720 USA

TEL: (978) 263-9800

FAX: (978) 264-9172

<http://www.lmipumps.com>



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Electronic Metering Pumps

Configuration Data

Model **U53** **1** - **281**

Control & Output Code

Manual Control

Speed (stroking frequency) externally controlled and stroke length manually adjustable.

U53 -- 24.0 GPD (3.8 l/h) 80 psi (5.5 Bar)

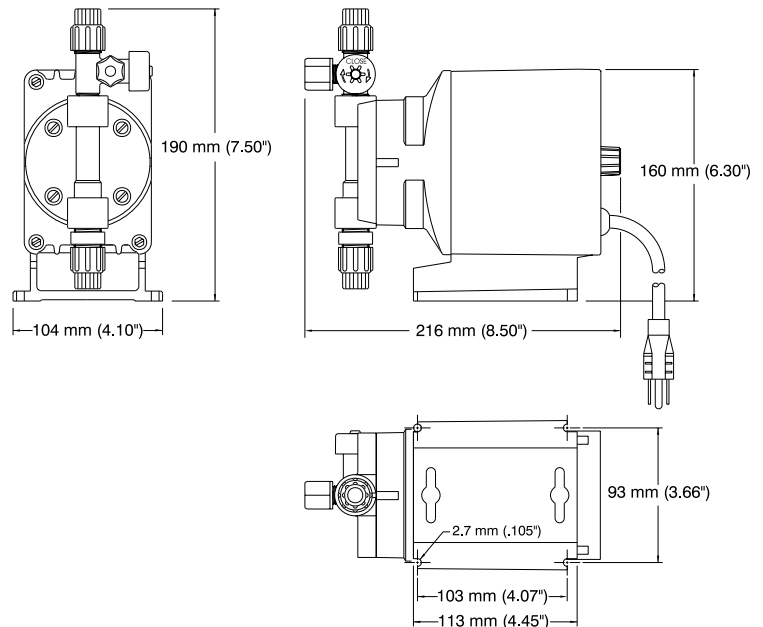
Voltage Code

1 ----- 120 VAC US Plug

Liquid End

PVC head & fittings, Flexiprene™ Liquifram™ and Hypalon® Uni-Valves™

Dimensions



Specifications

Series	Strokes Per Minute		Stroke Length (Adjustable) Recommended Minimum	Maximum Current @ 120 VAC	Shipping Weight
	Min	Max			
U53	0	100	20%	1.4 amps	7 lbs (3.2 kgs)

Output Information

Model	Gallons per Day		Gallons per Hour		Liters per Hour		mL / cc per Min		mL / cc per Stroke		Maximum Injection Pressure
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
U53	0.0	24.0	0.0	1.0	0.0	3.8	0.0	63	0.13	0.63	80 psi (5.5 Bar)

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