

Uni-Dose™

Series U Electronic Metering Pumps



The First Electronic Metering Pumps Designed Specifically for the Water Conditioning Industry

- **Versatile & Flexible**

Available with single or dual output control for easy, accurate adjustment over the operating range. Turn-down ratio up to 100:1 provides unmatched flexibility. Maximum output from 6 to 30 gallons per day at 80 psi.

- **Quite**

Advanced noise reduction virtually silences the pump, making it ideal for household applications.

- **Reliable**

Totally enclosed, chemically resistant housings provide superior protection in either indoor or outdoor installations. Solid state electronics are fully encapsulated to ensure long life. Superior solenoid design provides the power without the troublesome fans, open housings, motors and gears associated with motor driven pumps.

- **Safe**

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

- **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.



Standard PVC Head
& Fittings



- **Standard Accessories**

Each Uni-Dose™ pump comes complete with an injection check/back pressure valve, a foot valve and strainer, PVC suction tubing, UV resistant PE discharge tubing and a suction tubing straightener. Heads and fittings are constructed of high strength PVC.

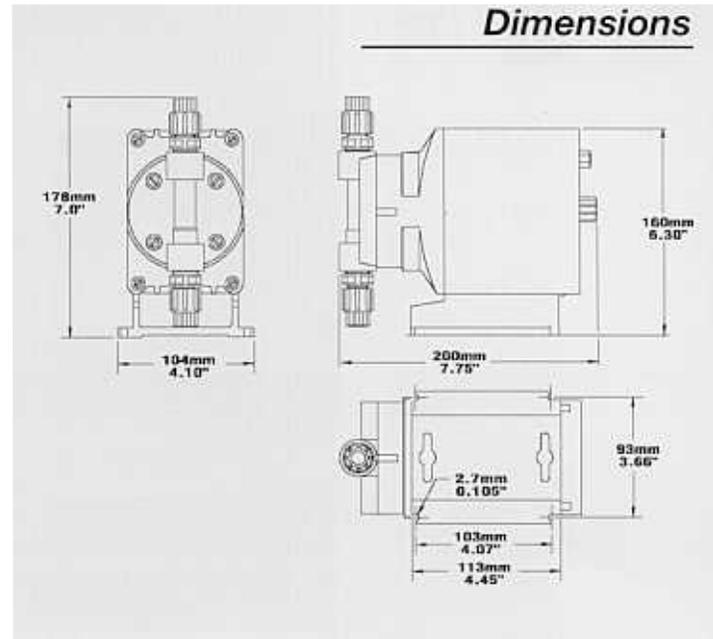
Made In the U.S.A.

Uni-Dose™

Series U Electronic Metering Pumps

Configuration Data

Series		U12	1
Control & Output Code			
Dual Manual Control			
Speed (stroking frequency) and stroke length manually adjustable.			
U12	12.0 GPD - 1.90 L/H	80 psi (5.5 Bar)	
U13	24.0 GPD - 3.80 L/H	80 psi (5.5 Bar)	
Voltage Code			
1	120 VAC US Plug		
2	240 VAC US Plug		
Liquid End			
PVC head & fittings, Flexiprene® Liquifram and Uni-Valves			



Specifications

Model	Series	Strokes Per Minute		Maximum Current	Stroke Length adjustable recommended Minimum	Shipping Weight
		Min	Max			
35276	U121	2.5	50	1.4 amps @120 VAC 0.7 amps 240 VAC	20%	7 lbs (3.2 kgs)
35278	U131	5.0	100			
35277	U122	2.5	50			
35279	U132	5.0	100			

• Foreign Voltages with DIN, UK, AUS / NZ and Swiss plugs are available.

Output Information

Model	Series	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	
35276	U121	0.12	12.0	0.005	0.5	0.02	1.9	0.3	32	0.13	0.63	80 psi (5.5 Bar)
35278	U131	0.24	24.0	0.010	1.0	0.04	3.8	0.6	63	0.13	0.63	80 psi (5.5 Bar)
35277	U122	0.12	12.0	0.005	0.5	0.02	1.9	0.3	32	0.13	0.63	80 psi (5.5 Bar)
35279	U132	0.24	24.0	0.010	1.0	0.04	3.8	0.6	63	0.13	0.63	80 psi (5.5 Bar)

• Specifications subject to change without notice. ©1996 LMI APS/4-96

Uni-Dose™ Manufactured by Liquid Metronics Division Milton Roy for Aqua Purification Systems, Inc



AQUA PURIFICATION SYSTEMS, INC.

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