



UD001-238NU



Uni-Dose® UD Series Chemical Metering Pump Features:

- Universal solution engineered to address common well water treatment requirements. Single model with simplified design eases installation, maintenance and operation.
- Single speed control knob with precise capacity control with output range of 1 to 24 gallons per day at 80 psi.
- Advanced noise reduction design for residential applications.
- Integrated FastPrime™ priming valve for fast and easy startup.
- Fully enclosed NEMA 4X/ IP65 housing for protection in either indoor or outdoor installations. Heat resistance to 122°F
- Universal 115-230V 50/60 Hz power supply with internal varistor and fuse protect from power surge damage.
- Includes pump, tubing connection hardware, injection check valve, foot valve with strainer, ceramic weight for suction tubing, UV resistant PE tubing, flexible vinyl tubing and USA 120V or 230V plug power cord.

Technical Data:	
Output Range	1-24 GPD (0.16-3.8LPH)
Pressure Range	80 PSI (5.5 Bar)
Flow Rate Control	Variable speed, fixed stroke
Min Stroke	1 SPM
Max Stroke	160 SPM
Electric Supply	115-230V, 50/60 Hz
Max Current @ 120 VAC	0.3 amps
Installation	Indoor/outdoor
NEMA/IP Rating	NEMA 4X/IP65
Certifications	NSF 61, UL
Suction/Discharge	Single cartridge check valve
Dimensions	4.69" w x 7.83" h x 8.5" d

Output Information: UD Model	
Gallons per Day	1.0 Min - 24.0 Max
Gallons per Hour	0.04 Min - 1.0 Max
Liters per Day	3.79 Min - 90.85 Max
Liters per Hour	0.16 Min - 3.80 Max
mL/cc per Min	2.7 Min - 63.0 Max

Part Number	Description
UD001-238NU	UD Series Pump 120V
UD002-238NU	UD Series Pump 230V

All LMI pumps are drop shipped direct from factory.

Comparison		NEW UD Series	PREVIOUS U Series
Performance	Output Range	1-24 GPD (0.16-3.8 LPH)	1.2-30 GPD (0.19-4.7 LPH)
	Pressure Range	80 PSI (5.5 Bar)	80 PSI (5.5 Bar)
	Max Stroking Frequency	160 SPM	60 SPM
	Flow Rate Control	Variable speed, Fixed length	Fixed or Variable speed, Variable length
	Electrical Input	115V or 230V (US 120 or 230 plug)	115V or 230V (US 120 or 230 Plug)
Liquid End	LE Materials	PVC head and fittings	PVC head and fittings
	LE diaphragm	Teflon faced	Sanoprene
Features	Model	1 model	14 models
	UV resistance	UV resistance plastic	Not UV resistant
	Weather and Heat	Outdoor rated to 122°F	Outdoor rated
	Surge Protection	Protective fuse	Integrated pulsar
	Priming	Integrated priming valve	3 Function valve
	Common Features	Mounting points, footprint, tubing connections, check valves, cartridges	
Approvals	Electrical Approvals	UL	UL
	NEMA/IP Rating	NEMA 4X/IP65	X
	NSF Rating	NSF 61	NSF 61
Sales	Warranty	1 year	1 year