

Dilution™

SOLUTIONS

A Dosatron International, Inc. Company



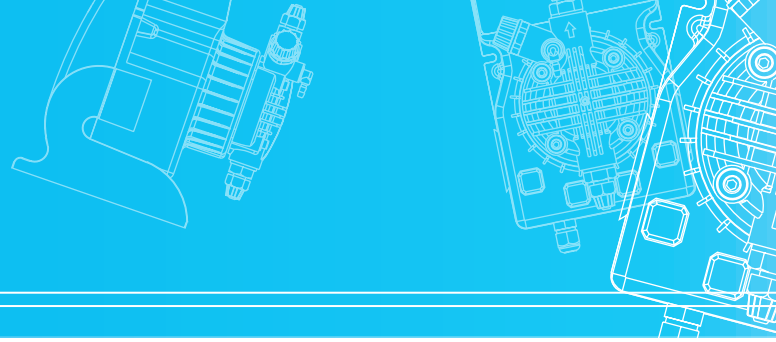
 **ETATRON**

METERING PUMPS

eOne Series



eOne



The eOne Series Electronic Metering Pumps

The eOne series pumps provide constant dosing, energy savings, and low operating temperatures resulting in reduced mechanical stress. They feature:





- Alarm to detect suction or discharge interruption
- Standard PVDF solenoid head
- Manual air bleed pump head for fast priming
- Equipped with ceramic ball valve
- 6.5 ft. suction height
- PVDF injection valves equipped with thread options: 1/2", 3/8" and m10
- Reduced operating temperature to increase reliability
- Low mechanical stress for better performance
- Compact design and uses approximately 60% less energy
- IP65 acid resistant housing
- Long lasting unique one piece PTFE diaphragm design
- 120 or 230 V - 50/60 Hz
- Works off water meters

Specification Chart

VERSION NUMBER	MAX INJECTION FLOW RATE		MAX PRESSURE		OUTPUT
	GPH	LPH	PSI	BAR	PER M/L STROKE
0110	0.26	1	145	10	0.09
0210*	0.53	2	145	10	0.18
0216	0.53	2	232	16	0.21
0420	1.06	4	290	20	0.27
0507*	1.32	5	101	7	0.46
0607	1.59	6	101	7	0.34
0710	1.84	7	145	10	0.45
1012	2.64	10	174	12	0.55
1505	3.96	15	72	5	0.83
2007	5.26	20	101	7	1.38
3005	7.92	30	72	5	2.08

*Basic model only

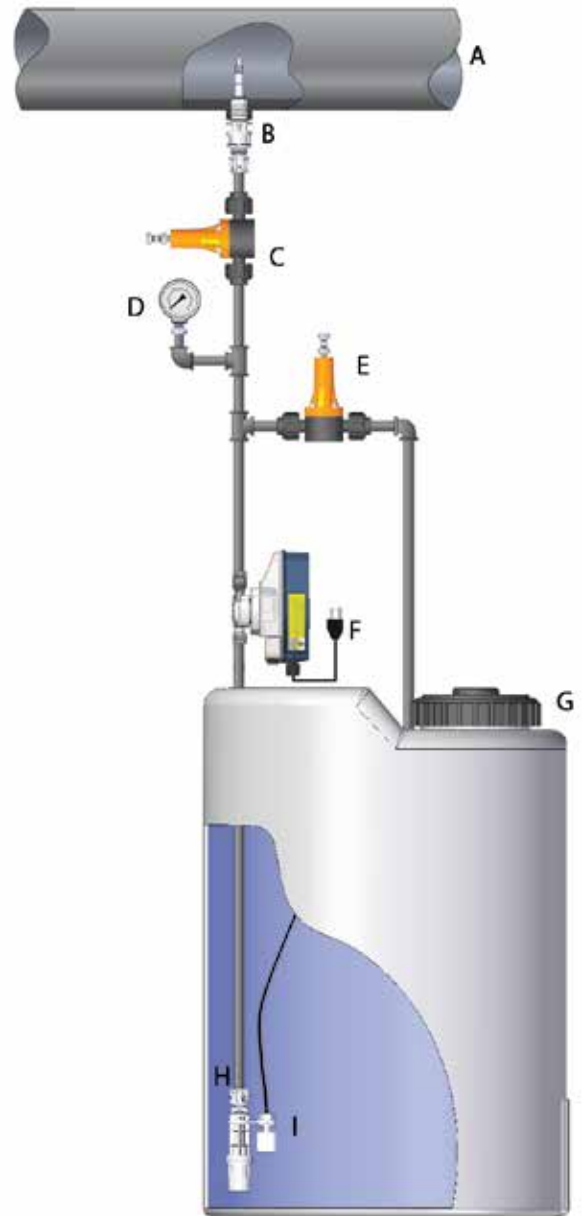
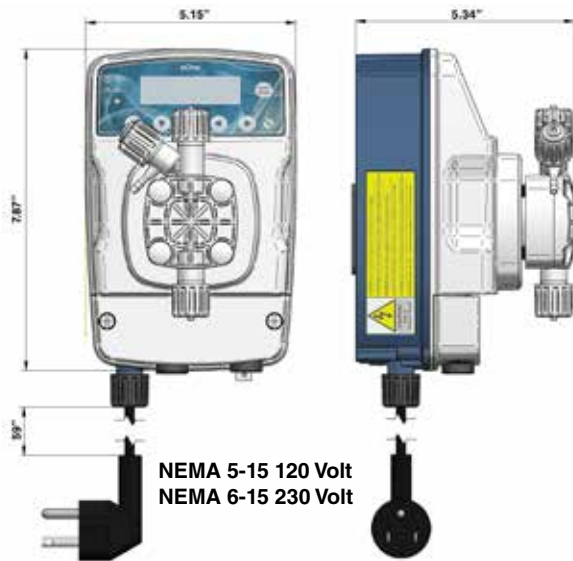
Control Options

Basic	MA	MF	Plus
 <p>Metering Pump</p> <ul style="list-style-type: none"> • Manual flow rate adjustment 0 - 100% and 0 - 20% • Dosing frequency 180 impulses per minute • Proportional function 1:1 • Level alarm without probe • Low level input - without probe 	 <p>Metering Pump</p> <ul style="list-style-type: none"> • Manual flow rate adjustment 0 - 100% and 0 - 20% • High dosing frequency of 300 impulses per minute • Underload suction alarm • Overload discharge alarm • Low level input - without probe • Proportional function 1:1 	 <p>Multifunction Microprocessor Metering Pump</p> <ul style="list-style-type: none"> • High dosing frequency of 300 impulses per minute • Backlit graphic display • Underload suction alarm • Overload discharge alarm • Flow sensor alarm • Low level input - without probe • Password protection • Flexible user-friendly interface • Programmable dosing from water meter signal • When used with a water meter the pump automatically adjusts the frequency of the dose based on the flow rate 	 <p>Microprocessor Metering Pump</p> <ul style="list-style-type: none"> • Suitable for proportional and control applications pH, Rx, Cl, ppm monitoring • High dosing frequency of 300 impulses per minute • Backlit graphic display • Underload suction alarm • Overload discharge alarm • Flow sensor alarm • Low level input - without probe • Relay output • Password protection • Flexible user-friendly interface • Ability to work off probes • Programmable dosing from water meter signal • When used with a water meter the pump automatically adjusts the frequency of the dose based on the flow rate

Installation

SAMPLE INSTALLATION

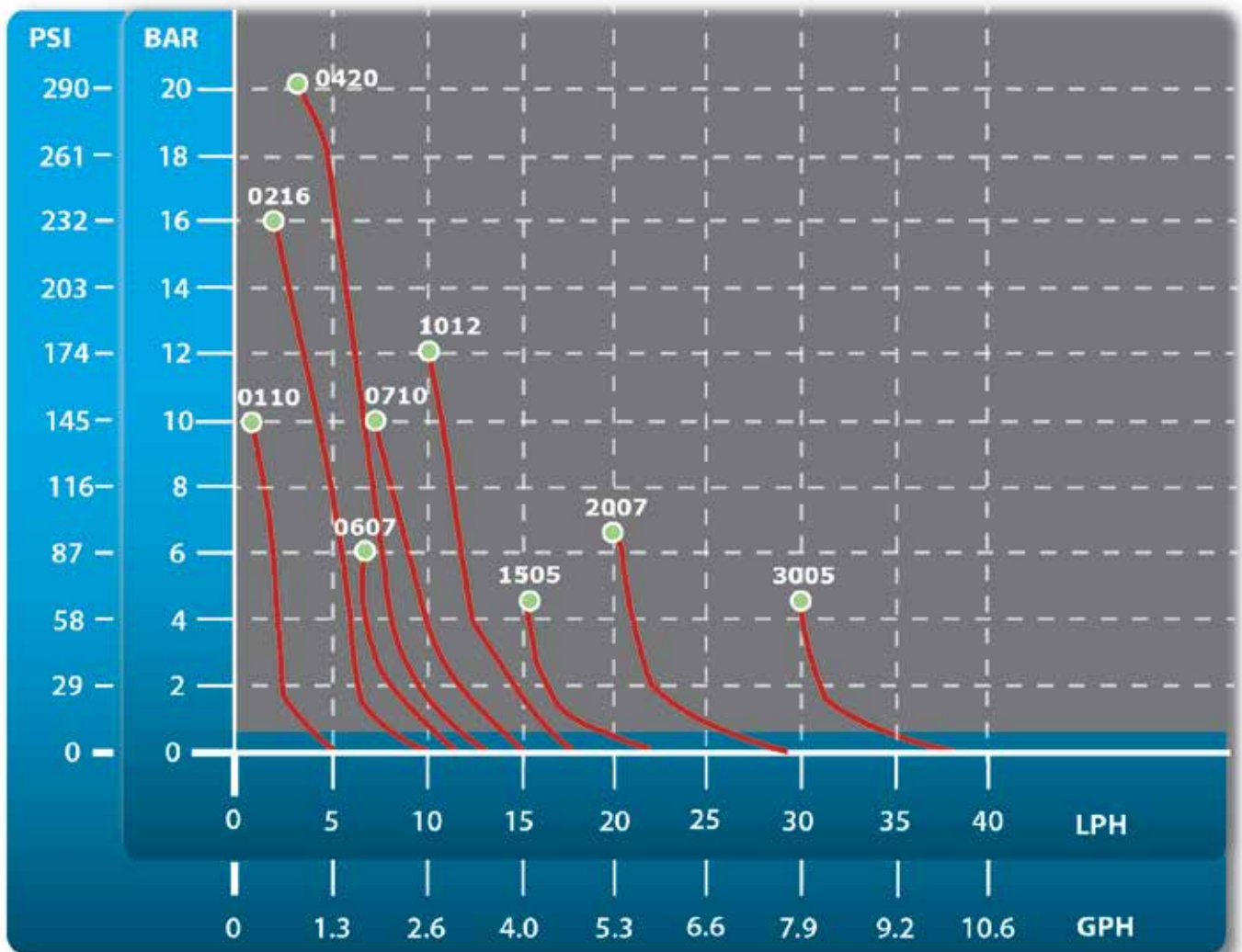
A	Main Pipeline
B	Injection Valve
C	Back Pressure Valve
D	Pressure Gauge
E	Relief Valve
F	Metering Pump
G	Tank
H	Foot Filter
I	Low Level Float Switch



Parts

WETTED PARTS	MATERIALS
Pump Head	PVDF
Diaphragm	PTFE (Teflon®)
Suction Tube	PVC
Valves	Ceramic Ball and TFE/P (Aflas®)
Seals	TFE/P (Aflas®)
Discharge Tube	Polyethylene (PE)

Curves Flow Rate vs. Pressure



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