

Dilution™

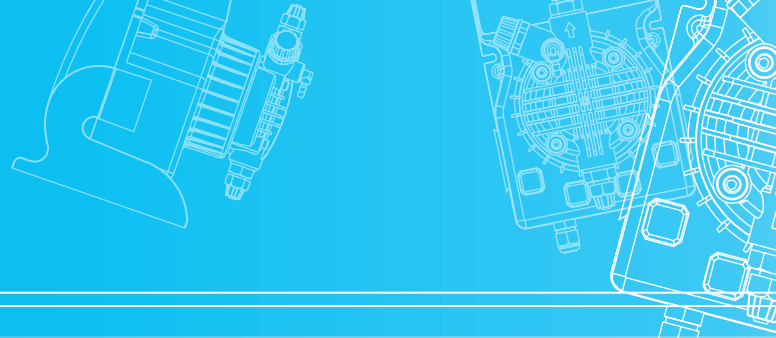
SOLUTIONS



 **ETATRON**

METERING PUMPS
eOne Series





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	MAX INJECTION FLOW RATE		MAX PRESSURE		OUTPUT
NUMBER	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

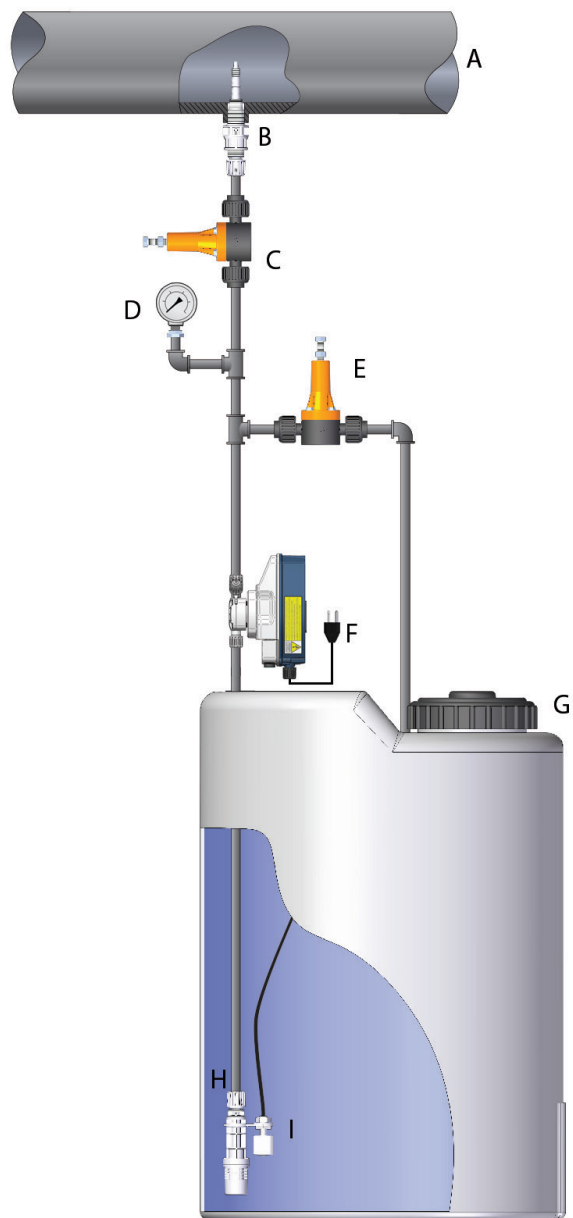
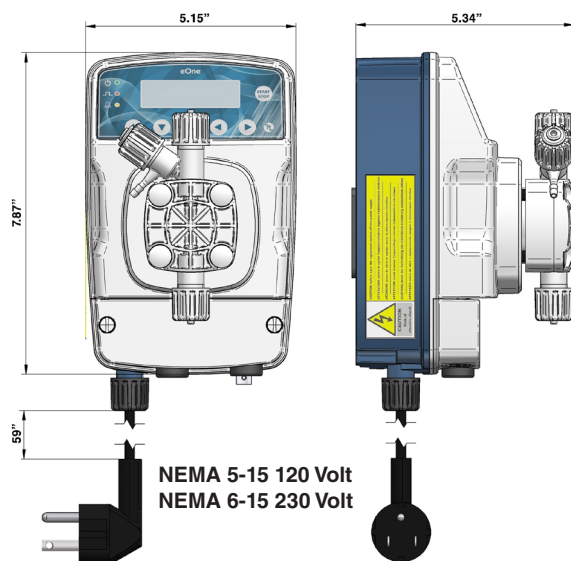
Control Options

Basic	MA	MF	Plus
Metering Pump • 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	Metering Pump • 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	Multifunction Microprocessor Metering Pump • 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	Microprocessor Metering Pump • 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

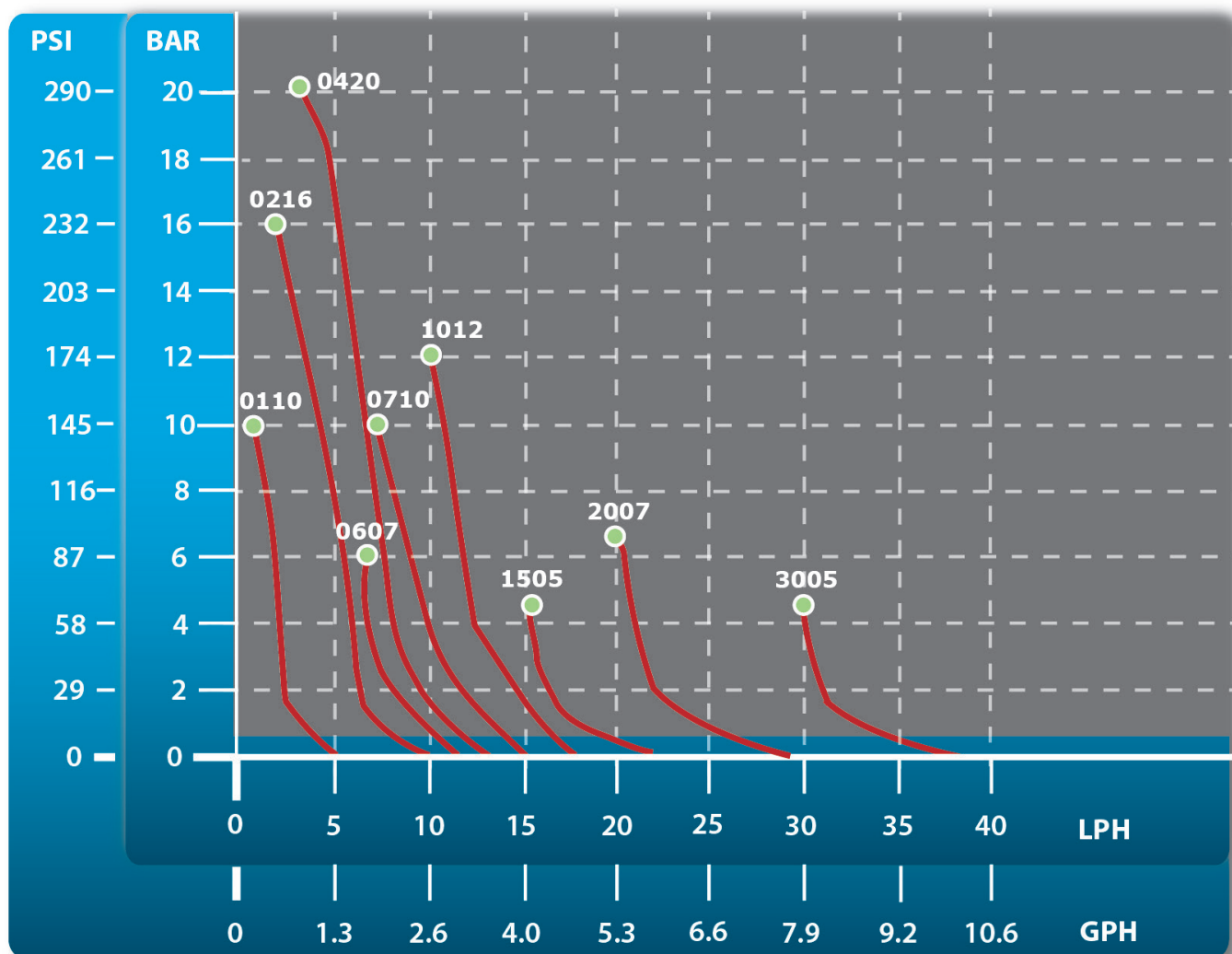
A	Main Pipeline
B	Injection Valve
C	Back Pressure Valve
D	Pressure Gauge
E	Relief Valve
F	Metering Pump
G	Tank
H	Foot Filter
I	Low Level Float Switch



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



DilutionTM

SOLUTIONS

Serving North and Central America

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