

eOne Solenoid Dosing Pumps

TECHNICAL FEATURES

- *Flow Rate:* From 1 to 30 L/H
- *Maximum Pressure:* Up to 20 Bar
- *Power Supply:* 100 - 250 Vac (50/60 Hz)
- *Stroke Rate:* 300 impulses/minute maximum
- *Pump Head:* PVDF with double ceramic ball valves
- *Diaphragm:* PTFE
- *External Casing:* Reinforced chemical resistant PP
- *Installation Kit:* PVDF Injection Valve, Foot Filter, 2m each of suction/discharge tubing, wall mounting plate with screws & plugs



The eOne Dosing Pumps are the next generation of chemical dosing, featuring high stroke rates allowing for accurate and repeatable dosing. The models include the manual MA, multifunction MF and the PLUS which includes an integrated pH/Rx/Cl controller.

The eOne can receive a variable voltage range between 100 and 250 Vac 50/60Hz without affecting performance. Standard configuration includes a PVDF pump head with double ceramic ball valve, with seals in TFE/P, a new elastomer compatible with a wide variety of chemicals, including both acidic and alkaline chemicals.

Each pump is supplied with an installation kit which comprises a PVDF-TFE/P injection valve, PVDF-TFE/P foot filter, PE discharge tube, PVC suction tube, wall mounting plate with plugs and screws.

eOne MA

- Analogue manual control (dual scale adjustment)
- 1:1 proportional dosing
- Level control
- Pump failure alarms (Underload/Overload)

eOne MF

- Digital manual control
- Proportional dosing modes (1 x n; 1 : n; 1 x n M; ml x I; L x I; ml x m3; PPM)
- 4-20 mA control
- Relay output
- Level control
- Flow rate calibration
- Flow sensor input
- Pump output display
- Pump failure alarms (Underload/Overload)

eOne PLUS

- All eOne MF functions
- Integral pH, ORP or Chlorine control
- PT100 temperature input
- 4-20 mA output
- Proximity switch

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PUMP TECHNICAL DETAILS *The figures below are based on dosing water at 20°C

Model	Flow rate l/h - (US gal/h)	Pressure bar - (psi)	Injection volume [cc]	Max frequency [imp/1']	Connections [mm]	Power supply	Power Consumption Min/Max [W]
0110	1.0 (0.264)	10 (145)	0.09	180	4/6	100 - 250 Vac 50 - 60 Hz	5/23
	1.8 (0.475)	6 (87)	0.16				
	2.5 (0.660)	2 (29)	0.23				
0216	2.0 (0.528)	16 (232)	0.11	300	4/6	100 - 250 Vac 50 - 60 Hz	7/26
	3.8 (1.008)	10 (145)	0.21				
	5.1 (1.354)	6 (73)	0.29				
0607	6.0 (1.584)	7 (102)	0.33	300	4/6	100 - 250 Vac 50 - 60 Hz	5/23
	6.3 (1.674)	4 (58)	0.35				
	7.3 (1.930)	2 (29)	0.41				
0420	4.0 (1.056)	20 (290)	0.22	300	4/6	100 - 250 Vac 50 - 60 Hz	10/32
	6.0 (1.584)	12 (174)	0.33				
	7.3 (1.930)	8 (116)	0.40				
0710	7.0 (1.859)	10 (145)	0.39	300	4/6	100 - 250 Vac 50 - 60 Hz	7/26
	8.5 (2.244)	6 (87)	0.47				
	11.7 (3.081)	2 (29)	0.65				
1012	10.0 (2.640)	12 (174)	0.56	300	4/6	100 - 250 Vac 50 - 60 Hz	10/32
	11.8 (3.113)	6 (87)	0.66				
	14.3 (3.765)	2 (29)	0.79				
1505	15.0 (3.960)	5 (73)	0.83	300	4/6	100 - 250 Vac 50 - 60 Hz	7/26
	15.4 (4.068)	3 (44)	0.86				
	17.2 (4.541)	1 (15)	0.96				
2007	20.0 (5.280)	7 (102)	1.11	300	6/8	100 - 250 Vac 50 - 60 Hz	10/35
	21.3 (5.623)	3 (44)	1.18				
	28.2 (7.445)	0.5 (7)	1.57				
3005	30.0 (7.910)	5 (72)	1.66	300	6/8	100 - 250 Vac 50 - 60 Hz	10/35
	30.8 (8.118)	2 (44)	1.71				
	36.5 (9.636)	0.5 (7)	2.03				

