

# EONE & EONE B MA

## Analogue electromagnetic dosing pump with constant flow

eOne is an electromagnetic dosing pump with a 'clever' control of power, depending on the effectiveness of the dosing conditions.

### GENERAL FEATURES

- Flow rate control depending on pressure variation of the installation.
- Energy saving.
- High injection frequency (up to 300 pulses/minutes).
- Manual flow rate adjustment by knob
- Dual scale adjustment: 0 – 20% and 0 – 100%.
- Proportional mode 1:1 by water-meter pulse-sender signal.
- Multiflow-tension power supply: 100 – 250 Vac 50/60Hz.
- Pump head material: PVDF.
- Seals: TFE/P.
- Manual air bleed pump head, except for models 2007 & 3095.
- Level probe input.
- Supplied with PVDF installation kit.
- Flow rate: 1 to 30l/h.
- Maximum pressure: 20 bar.
- Stroke rate: 180 to 300 impulses/min.
- Diaphragm: PTFE.
- External casing: reinforced PP & chemical

### PUMP FAILURE ALARMS (UNDERLOAD/OVERLOAD)

Underload Alarm (suction alarm): for low (end of) chemical level, blocking suction valve or damaged suction tube

Overload Alarm (discharge alarm): for over pressure inside the pump head for excessive operating pressure inside the dosing pipeline, for clogging delivery valve



### STANDARD ACCESSORY KIT PVDF-TFE/P

All eOne are supplied with a standard PVDF – TFE/P installation kit, made up of 2m discharge PE tube (4x6mm), 2m suction + 2m bleeding PVC crystal tube (4x6mm), PVDF foot-filter, PVDF injection valve. Other configurations are available upon request.

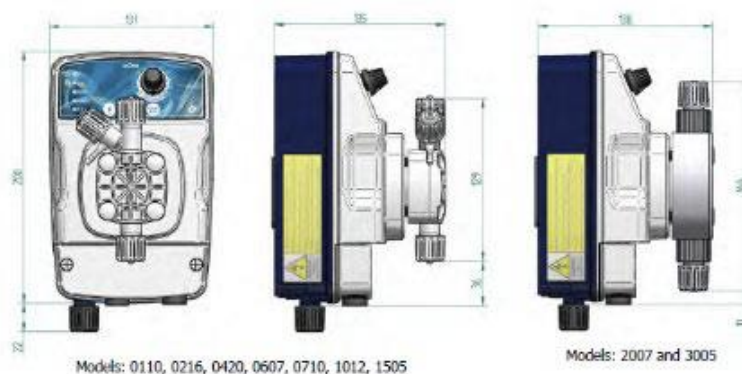




## TECHNICAL FEATURES

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				

## DIMENSIONS (MM)



## EONE SERIES

Solenoid dosing pumps

CODES

Codes	Description
PEU453894I	eOne MA 01 - 10
PEU453914I	eOne MA 02 - 16
PEU453924I	eOne MA 04 - 20
PEU453934I	eOne MA 06 - 07
PEU453944I	eOne MA 07 - 10
PEU453954I	eOne MA 10 - 12
PEU453964I	eOne MA 15 - 05
PEU453974I	eOne MA 20 - 07
PEU453864I	eOne MA 30 - 05

Codes	Description
PBU453894I	eOneB MA 01 - 10
PBU453914I	eOneB MA 02 - 16
PBU453924I	eOneB MA 04 - 20
PBU453934I	eOneB MA 06 - 07
PBU453944I	eOneB MA 07 - 10
PBU453954I	eOneB MA 10 - 12
PBU453964I	eOneB MA 15 - 05
PBU453974I	eOneB MA 20 - 07
PBU453864I	eOneB MA 30 - 05

PRESSURE-FLOWRATE DIAGRAM

