

MixRite Electric Pumps

MixRite E-300

The electric dosing pump by Tefen Flow & Dosing Technologies.

Tefen's MixRite E-300 electric dosing pump directly injects liquid additive into water lines.

The MixRite E-300 operates against water line-pressure of up to 6 Bar.

Can be powered using mains electricity 230VAC or alternative network power sources, such as car battery and solar panel charged batteries 12VDC.



Main Advantages

- Handles a variety of chemicals
- Wide range of flow rates
- Unaffected by water quality
- Zero pressure loss along the water line
- Easy to install and operate
- Strong and durable external polycarbonate cover which is waterproof and UV-resistant
- Very low maintenance

Fertilizer Pump - 2 Modes of Operation

Manual operation

- Volume scale ranging between 10-100% of the maximum flow rate

Automatic options 230VAC Powered Pump

- 24VAC command output from irrigation controller
- Flow-Switch powered via 230/24VAC step-down transformer

12VDC Battery (Solar) Powered Pump

- 12VDC latch (reverse polarity) command from irrigation controller
- N/O Dry contact flow-switch (installed relay switch must be by-passed)

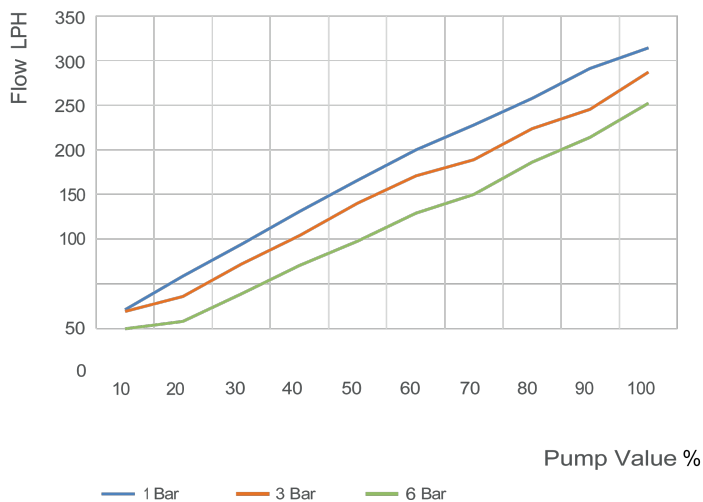
Product Includes:

1. 10m pipe (Ø12mm) with BSPT 1/2" connector
2. Input kit
3. Output kit with air release valve & check valve

Simple and Low Cost Installation



Average Injection Flow Rate



FLOW RATE LPH

Pump value	2 bar	4 bar	6 bar
10	21		
20	49	32	
30	86	64	39
40	120	94	71
50	153	125	98
60	181	151	129
70	205	168	150
80	236	191	186
90	266	234	214
100	301	256	252

Two Models: 230VAC & 12VDC

Irrigation Controller 24VAC



Irrigation Controller 12VDC Latch



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