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## MixRite 2.5

**The MixRite 2.5 is designed for the following applications:**

- Fertigation
- Water treatment
- Supplementation
- Disinfection and cleaning of lines and installations
- PH and EC control

**The water engine action with the following models:**

0.3-2%

0.4-4%

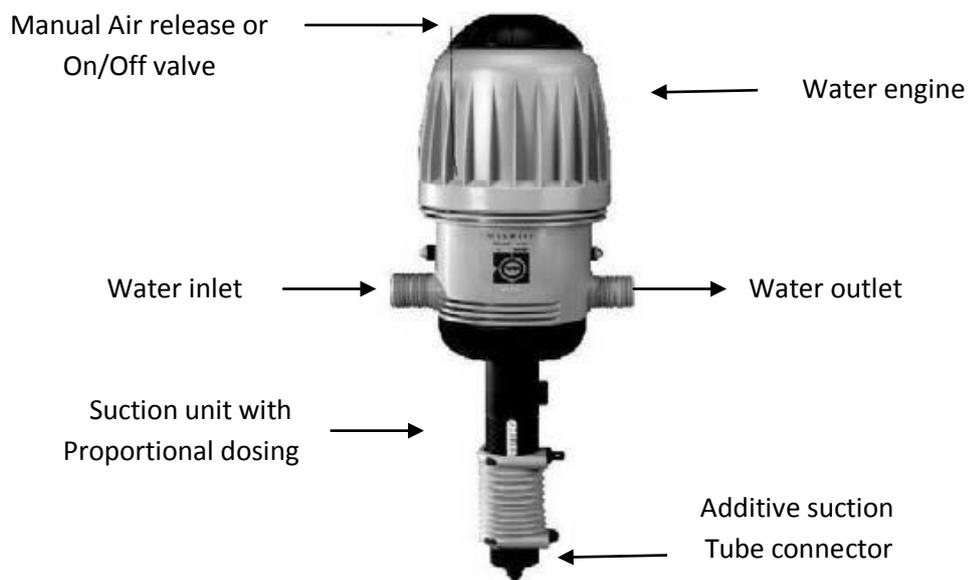
3-10%

0.2% FIX

0.8% FIX

### How does it work?

The suction and proportioning unit is built from a piston connected to the water engine, from which it derives its movement. The piston moves within a cylinder with a non-return valve. The movement of the piston within the cylinder causes the water to be injected and the required liquid additive to be drawn through a pipe inserted into a container. It is possible to regulate the supply ratio between the additive and the water passing through the injector.





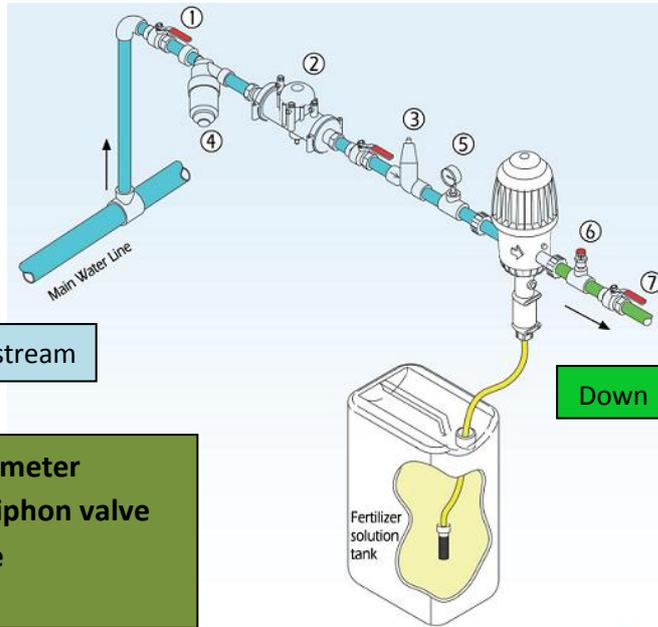
## Technical Data

MODEL	FLOW RATE RANGE	PRESSURE RANGE	DOSAGE RATE %	DOSAGE RATE	CONNECTORS DIA. THREAD	MIN-MAX INJECTION RATE PER HOUR
MixRite 2.5 0.2% fix	7-2500 l/h 0.03 to 11gpm	0.2-8 bar 2.9-120 psi	0.2% fix	1:500	3/4" BSPT	0.04 - 5 l/h 0.01 - 1.32 gph
MixRite 2.5 0.8% fix	7-2500 l/h 0.03 to 11gpm	0.2-8 bar 2.9-120 psi	0.8% fix	1:125	3/4" BSPT	0.16 - 20 l/h 0.04 - 5.3 gph
MixRite 2.5 1% fix	7-2500 l/h 0.03 to 11gpm	0.2-8 bar 2.9-120 psi	1% fix	1:100	3/4" BSPT	0.2 - 25 l/h 0.05 - 6.6 gph
MixRite 2.5 0.1% - 0.9%	7-2500 l/h 0.03 to 11gpm	0.2-8 bar 2.9-120 psi	0.1%-0.9%	1:1000 - 1:111	3/4" BSPT	0.02 - 22.5 l/h 0.005 - 5.95 gph
MixRite 2.5 0.3% - 2%	7-2500 l/h 0.03 to 11gpm	0.2-8 bar 2.9-120 psi	0.3%-2%	1:333 - 1:50	3/4" BSPT	0.06 - 50 l/h 0.016 - 13.22 gph
MixRite 2.5 0.4% - 4%	7-2500 l/h 0.03 to 11gpm	0.2-8 bar 2.9-120 psi	0.4%-4%	1:250 - 1:25	3/4" BSPT	0.08 - 100 l/h 0.02 - 26.5 gph
MixRite 2.5 3% - 10%	50-2500 l/h 0.22 to 11gpm	0.2-8 bar 2.9-120 psi	3%-10%	1:33.3 - 1:10	3/4" BSPT	1.5 - 250 l/h 0.4 - 66.14 gph
MixRite 2.5 0.3% - 2% by-pass	100-2500 l/h 0.44 to 11gpm	0.2-8 bar 2.9-120 psi	0.3%-2%	1:333 - 1:50	3/4" BSPT	0.3 - 50 l/h 0.08 - 13.22 gph
MixRite 2.5 0.4% - 4% by-pass	100-2500 l/h 0.44 to 11gpm	0.2-8 bar 2.9-120 psi	0.4%-4%	1:250 - 1:25	3/4" BSPT	0.4 - 100 l/h 0.1 - 26.5 gph
MixRite 2.5 0.3% - 2% Internal by-pass	100-2500 l/h 0.44 to 11gpm	0.2-8 bar 2.9-120 psi	0.3%-2%	1:333 - 1:50	3/4" BSPT	0.3 - 50 l/h 0.08 - 13.22 gph



## Installation of the MixRite

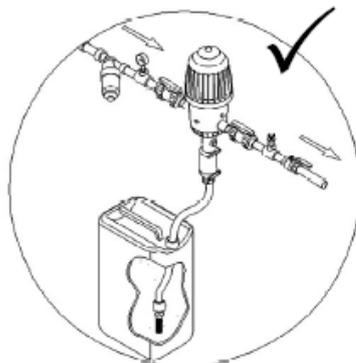
### Installing the MixRite on a direct Line ( in line )



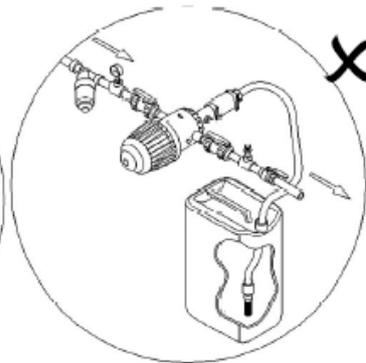
- |                            |                      |
|----------------------------|----------------------|
| 1. Main valve              | 5. Manometer         |
| 2. Back flow preventer     | 6. Anti siphon valve |
| 3. Pressure reducing valve | 7. Valve             |
| 4. Filter                  |                      |

1. Install onto the water line using swivel connectors and ensure that the water flows into the MixRite in the direction indicated by the arrows printed on the MixRite.
2. Install a 120 mesh ( 130 micron ) filter between the valve and the injector inlet.
3. Valves have to be installed at the water line entry and exit .  
In order to stop the pump's action – you should close the valve at the entry point.
4. position the drawing pipe into the additive container. Ensure that the suction Pipe filter is set to 1/2" above the container's bottom. Check to ensure that the Suction pipe is not bent or folded.

#### Correct Installation

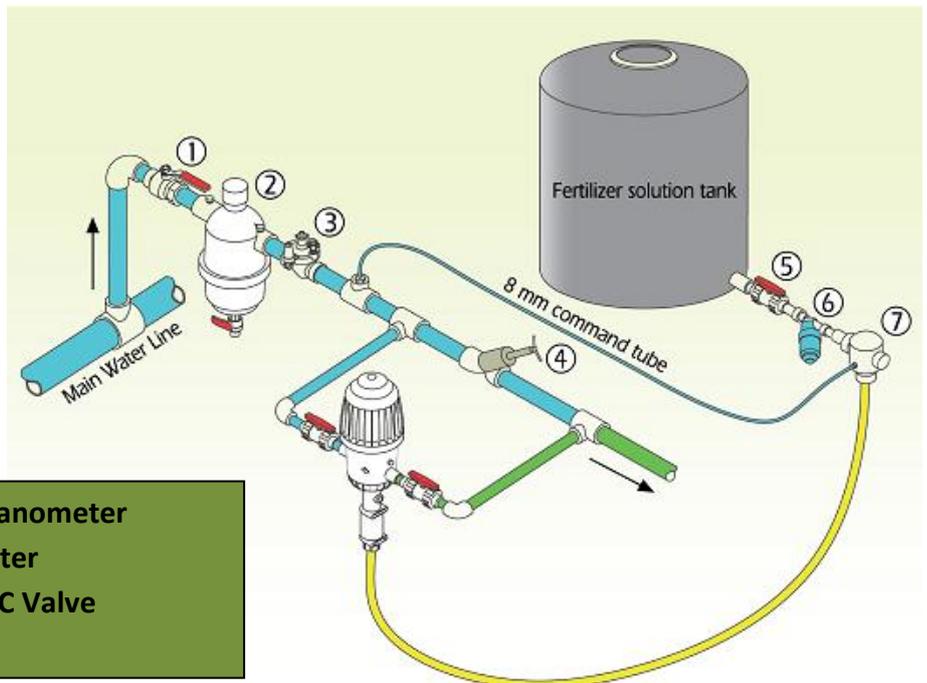


#### Incorrect Installation





## Installing the MixRite on a Bypass line ( off line)



- |                            |              |
|----------------------------|--------------|
| 1. Main valve              | 5. Manometer |
| 2. Filter                  | 6. Filter    |
| 3. Pressure reducing valve | 7. NC Valve  |
| 4. Choking valve           |              |

where water is supplied at a higher flow rate than the working flow rate of the injector

or where the injector isn't needed for continuous operation, the MixRite should be installed on a bypass line.

The bypass provides the possibility to close the operation of the injector while water continues to flow through the line.

1. Install onto the bypass water line using swivel connectors and ensure that the water flows into the MixRite in the direction indicated by the arrows printed on the MixRite.
2. Install a 120 mesh ( 130 micron ) filter between the valve and the injector intake.
3. Valves have to be installed at the bypass entry and exit and on the main water line.
4. Position the liquid additive container beneath the injector. Check to ensure that the suction pipe is not bent or folded. Position the drawing pipe into the additive container. Ensure that the suction pipe filter is set 1/2" above the container's bottom.