

# MixRite™

## Industry

Water - driven  
dosing injector



### APPLICATIONS:

- Dilution
- Disinfection and cleaning
- Foaming
- Printing

MixRite models					
Model	Cat. n°	Dosing rate	On/Off	Chemical bypass	Pressure loss (Bar) Min Max
2502	28000002502	0.2%-2%			0.1 0.85
12502	28000012502	0.2%-2%	+		0.1 0.85
2504	28000002504	0.4%-4%			0.2 1.4
12504	28000012504	0.4%-4%	+		0.2 1.4
2505	28000002505	6%			0.3 1.6
12505	28000012505	6%	+		0.3 1.6
2510	28000002510	3%-10%			0.2 0.2
12510	28000012510	3%-10%	+		0.2 1.9
2512	28000002512	0.2%-2%		+	0.3 1.5
12512	28000012512	0.2%-2%	+	+	0.3 1.5
2514	28000002514	0.4%-4%		+	0.5 1.8
12514	28000012514	0.4%-4%	+	+	0.8 1.8
2515	28000002515	6%		+	0.6 2
12515	28000012515	6%	+	+	2.0 2
2512in	28000002512	0.2%-2%		internal	0.3 1.5
12512in	28000012512	0.2%-2%	+	internal	0.3 1.5
2514in	28000002514	0.4%-4%		internal	0.5 1.8
12514in	28000012514	0.4%-4%	+	internal	0.5 1.8

All the different models operate from 50 L/H and up to 2,500 L/H and from 0.2 to 6 Bar

### Accessories



3/4" Water filter  
38000000172



3/4" Pressure regulator  
38030200002



Anti siphon kit  
36073008002



1/4" Manometer (Pressure gauge)  
38030200003



3/4" Female pipe coupling  
12010312122



Suction foot valve  
36000000029



3/4" Static pressure regulator  
38030200001



3/4" x 3/4" Pipe bushing  
38030200005



3/4" Back flow preventor  
38030200004

☆☆ ADV

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TefiN01



MixRite is a water driven proportioning injector for pumping an additive into a water line at a consistent induction rate over varying water pressure and flow rates. The MixRite dosing injectors are diluting the additives using only water power in an accurate and simple way without a need for any other energy source.

**MixRite's main advantages are:**

- Easy to install
- No electricity needed
- Easy to adjust dosing percentage
- Replaceable seals
- Works at very low flow rate
- Easy to field repair
- Highly Chemical resistant
- Perfect blending
- Highly resistant to U.V. radiation

Determining the right MixRite model for each application is done according to the customer's needs and the system specifications.

The unit will automatically start working when water is flowing in the water line and will continue until the flow will stop; it is possible to control the suction operation by using the models with the On/Off system.

**Industry**

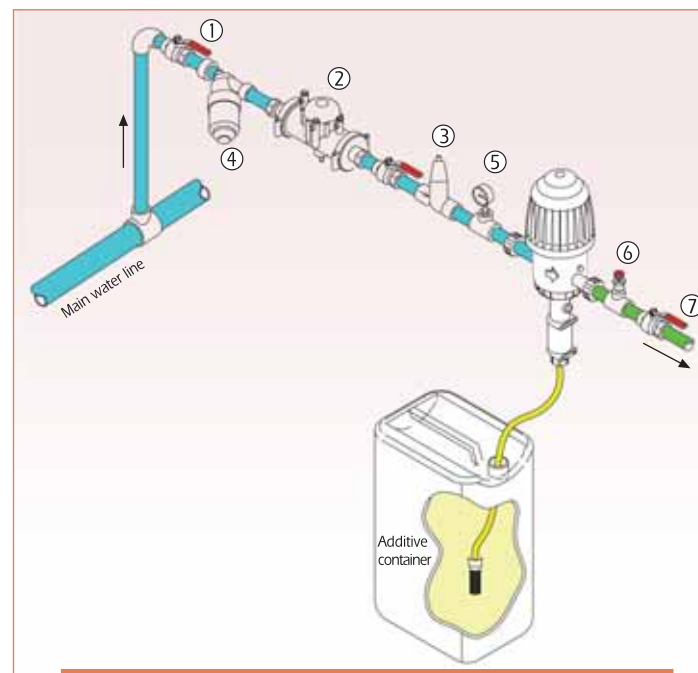
When working in various industries there is a need to dilute additives in water.

There are a wide variety of additives, to name a few : Detergents, Disinfectants, Liquid soaps, Flocculants, Lathe emollient oils, Acids, Lubricants and more.

The easiest and safest way to add these liquid additives into the water line is by using a water - driven proportioning dosing injector which is connected to the main water line and adding the additive in proportion to the water flow.

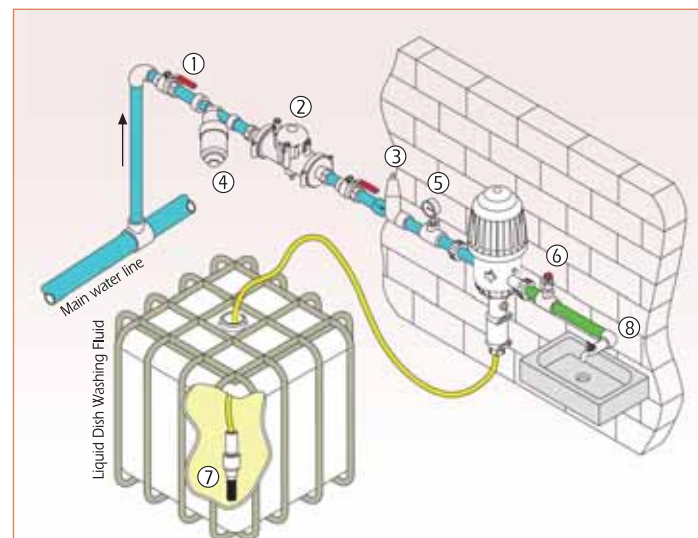
**The MixRite injectors are commonly used in :**

- Foaming in Car wash facilities
- Water purification
- Dilution of emollient oils used in steel plants for CNC
- Dilution of soaps in hotels and industrial kitchens
- Mixing lubricants for conveyors in the food industry
- Dilution of wax and disinfectants in citrus packing houses
- On-line mixing of pesticides on sprayers



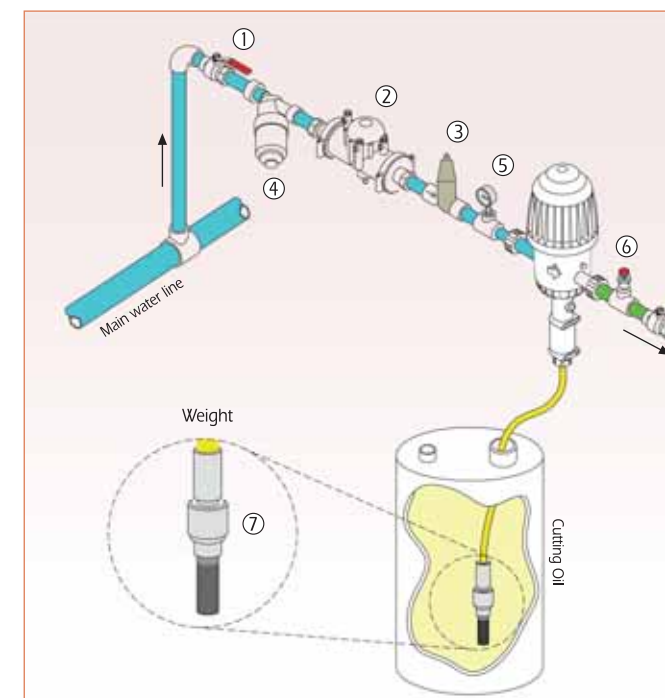
Recommended standard installation (max flow rate 2.5 M<sup>3</sup>)

- |                                       |                               |
|---------------------------------------|-------------------------------|
| 1. Main Valve                         | 5. Manometer (pressure gauge) |
| 2. Back flow preventor                | 6. Anti siphon valve          |
| 3. Pressure regulator                 | 7. Operate valve              |
| 4. Filter - Ø 3/4"-130 micron minimum |                               |



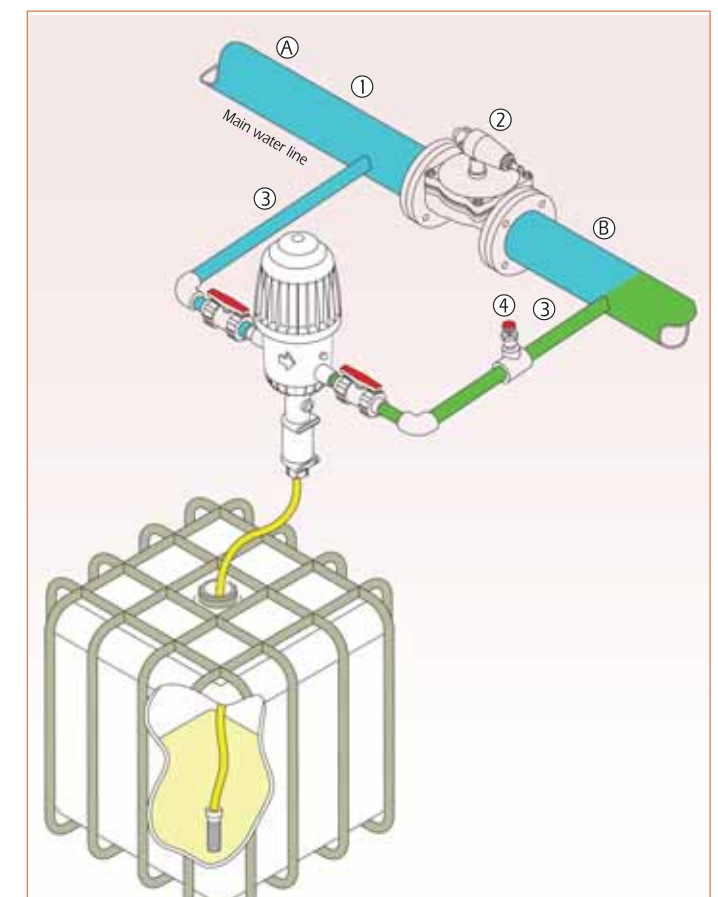
Soap dilution for industrial kitchens & hotels

- |                                       |                                |
|---------------------------------------|--------------------------------|
| 1. Main Valve                         | 5. Manometer (Pressure gauge)  |
| 2. Back flow preventor                | 6. Anti siphon valve           |
| 3. Pressure regulator                 | 7. Suction tube foot valve     |
| 4. Filter - Ø 3/4"-130 micron minimum | 8. Diluted soap kitchen faucet |



Emulsion / Cutting oils dilution for cutting metals

- |                                       |                               |
|---------------------------------------|-------------------------------|
| 1. Main Valve                         | 5. Manometer (Pressure gauge) |
| 2. Back flow preventor                | 6. Anti siphon valve          |
| 3. Pressure regulator                 | 7. Suction tube foot valve    |
| 4. Filter - Ø 3/4"-130 micron minimum |                               |



Water treatment bypass installation for main lines

- |                              |                               |
|------------------------------|-------------------------------|
| 1. Main water line           | 3. 3/4" Bypass installation   |
| 2. Pressure reducing valve   | 4. Anti siphon valve          |
| A. Up stream normal pressure | B. Down stream lower pressure |

