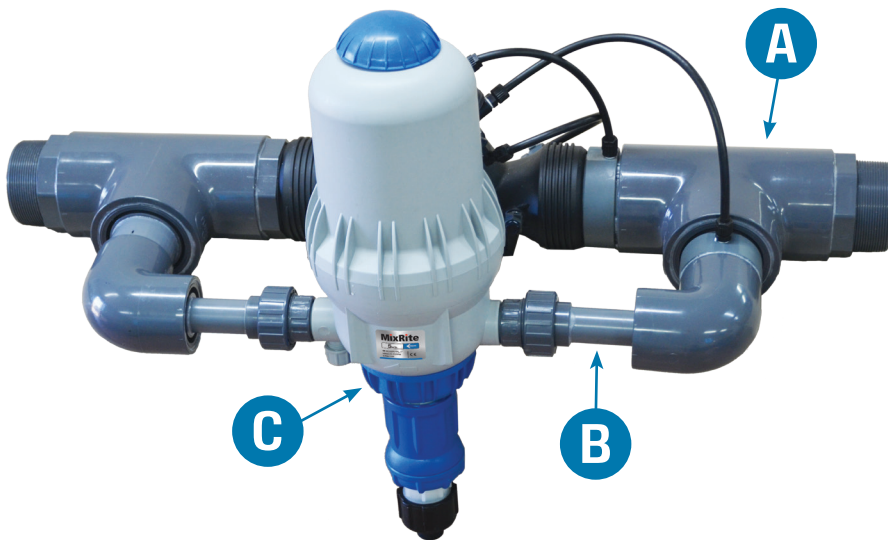
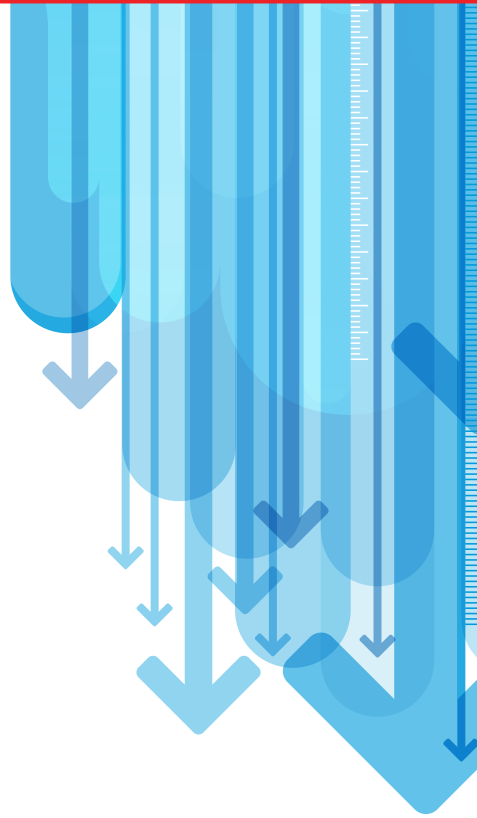


TreatRite™ - Water Treatment Line

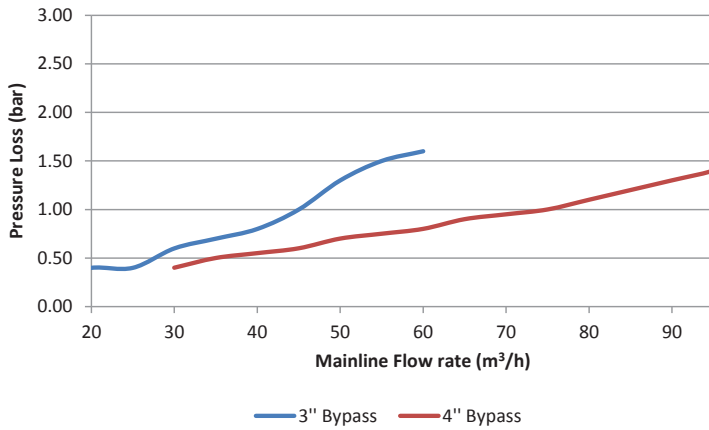
TreatRite™ Proportional and Automatic Bypass System

The TreatRite™ system provides a proportional method between the mainline (A) and the sub-mainline (B), supported by a sophisticated innovative hydraulic system. The MixRite™ pump is a volumetric, proportional unit. The combination between the MixRite™ Dosing Pump and the By-Pass unit creates a fully proportional dosing system. This concept provides its user a perfect solution for water treatment. The end user of the TreatRite™ system can dose common additives for water treatment, such as: Sodium Hypochlorite, Chlorine Dioxide, and Hydrogen Peroxide. The TreatRite™ system can be operated in various ranges as shown:



Flow Range m3/h (GPM)	Dosage Range		A	B	C
	(%)	L/h (GPM)			
6-25 (26-110)	0.003-1	0.18-250 (0.0008-1.1)	2"	3/4"	MixRite™ 2.5/3.5
15-50 (66-220)	0.0008-1.1	1.5-250 (0.0066-1.1)	3"	1"	MixRite™ TF5
30-100 (122-440)	0.01-0.5	3-500 (0.0132-2.2)	4"	1 1/2"	MixRite™ TF10

Pressure Loss VS. Flow Rate



MixRite™ range:

2.5

3.5

TF-5

TF-10



Operating Principle:

- The pilot operating valve samples the pressure level at multiple points, and controls the opening condition of the diaphragm.
- This operation governs the flow rates to generate a stable 1:10 ratio between lines.

Case Study (Water Treatment)

- Total water flow rate - 673 m³/h
- Desired dosage rate - 0.1%
- ✓ Relevant configuration - 4"
- ✓ Relevant injector - TF10 0.2%-2%
- ✓ Dosage setting on injector - 1%

Features and Benefits

- Keeps constant proportional flow rate
- Hydraulic, Volumetric and non-electric
- Dosing proportional to flowrate
- Precision: surface quality optimized with no waste
- Flow rate between main line and sub-main line will remain 10:1 at wide flow rates
- Working pressure up to 8 bar (116 PSI)
- High UV resistance
- High chemical resistance
- Supplied pre - set. No need for calibration
- Excellent dosing repeatability and homogeneity
- Easy to install, operate and maintain, with no electricity risk