



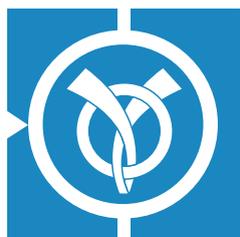
MixRiteTM



TURKEY

AGRICULTURE | HORTICULTURE | GREENHOUSE

Manual
ON/OFF





MixRite
TURKEY



MixRite
Fertilizer & Chemical
injectors are water
driven only, with no
other energy required

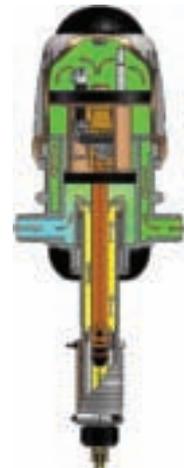
MixRite Injectors

A step up from

Application

- Fertigation
- Water Treatment
- Supplementation
- Disinfection and Cleaning of Lines and Installations
- Fertigation for sprinkler systems
- Irrigation
- pH and EC control

Different Models



**Standard
Perfect Blending**

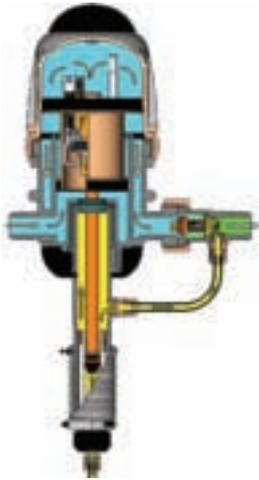


How does it work?

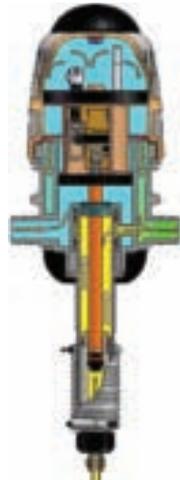
- Water driven, non-electric
- Piston driven by water flow
- Solution is added in proportion to water flow for accurate mixing
- Solution constantly added as water flows through unit
- Ratio of additive remains constant

the past

Different Methods



**External Bypass
Chemical Resistant**



**Internal Bypass
Chemical Resistant Compact**





MixRite®

TURKEY

MixRite® Models

TF-10

TF-10-001: Rate of additive: 0.1% to 1%

TF-10-002: 0.2% to 2%

TF-10-005: 1% to 5%

Water pressure from 1-8 bar (14.7 to 120PSI)

Flow Rate from 0.5-10 m³/h (2 to 45GPM)

Weight: 7.38 kg (16.23 pound)

Coupling: 50 mm or 1.5"

TF-25

TF-25-001: Rate of additive: 0.1% to 1%

TF-25-002: 0.3% to 2.5%

TF-25-005: 1% to 5%

Water pressure from 1-8 bar (14.7 to 120PSI)

Flow Rate from 2-25 m³/h (4.4 to 110 GPM)

Weight: 21.10 kg (46.42 pound)

Coupling: 63 mm or 2"x 2" (Double union)





2502

Rate of additive: 0.3% to 2%

Water Pressure from 0.2-8 bar (2.9 to 120PSI)

Flow rate from 20-2500 l/h (5.3 to 660 Gal/h)

Size: 56-18.5 cm (22" high x 7.27" wide)

Weight: 1.92 kg (4.22 pound)

Coupling: 3/4"

2504

Rate of additive: 0.4% to 4%

Water Pressure from 0.2-8 bar(2.9 to 120 PSI)

Flow rate from 30-2500 l/h (8 to 660 Gal/h)

Size: 56x18.5 cm (22" high x 7.27" wide)

Weight: 1.92 kg (4.22 pound)

Coupling: 3/4"

2506

Fix Rate of additive: 6%

Water Pressure from 0.2-8 bar (2.9 to 120 PSI)

Flow rate from 40-2500 l/h (10 to 660 Gal/h)

Size: 56x18.5 cm (22" high x 7.27" wide)

Weight: 1.92 kg (4.22 pound)

Coupling: 3/4"

Manual
ON/OFF



Manual
ON/OFF



Manual
ON/OFF



*All models are supplied with a manual air release.
The manual air release allows primary bleeding of
air locked in the water supply lines.

**All models can be equipped with On-Off
mechanism which will shut down additive injection,
Allowing a continual water flow.



MixRite® Models

2510

Rate of additive: 3% to 10%
 Water Pressure from 0.2-8 bar (2.9 to 120 PSI)
 Flow rate from 50-2500 l/h (13.3 to 660 Gal/h)
 Weight: 1.92 kg (4.22 pound)
 Coupling: 3/4"

12500

Rate of additive: 0.2% fixed dosing
 Water Pressure from 0.2-8 bar (2.9 to 120 PSI)
 Flow rate from 20-2500 l/h (5.3 to 660 Gal/h)
 Weight: 1.92 kg (4.22 pound)
 Coupling: 3/4"

2512 / 2514 / 2516

Dosing By Pass Injector
 Rate of additive: 0.3 to 2% / 0.4 to 4% / 6% fix
 Water Pressure from 0.2-8 bar (2.9 to 120 PSI)
 Flow rate from 100-2500 l/h (26 to 660 Gal/h)
 Weight: 1.92 kg (4.22 pound)
 Coupling: 3/4"

Optional: Internal By Pass



*All models are supplied with a manual air release.
 The manual air release allows primary bleeding of
 air locked in the water supply lines.
 **All models can be equipped with On-Off
 mechanism which will shut down additive injection,
 Allowing a continual water flow.



Chlorination Models*

Water Pressure from 0.2-8 bar (2.9 to 120 psi)
Flow rate from 20-2500 l/h (5.3 to 660 Gal/h)
Weight: 1.92 kg (4.22 pound)
Coupling: 3/4"

PVDF Models**

Water Pressure from 0.2-8 bar (2.9 to 120 psi)
Flow rate from 20-2500 l/h (5.3 to 660 Gal/h)
Weight: 2.20 kg (4.84 pound)
Coupling: 3/4"

AgroRite

2" Water Treatment unit

Water flow up to 25m³/h (110 gpm)

The system will allow all 3/4" MixRite units a true proportioning injection. Specially designed for aggressive additives. The system provides constant rate between 2" main line and 3/4" by pass line. (9:1)



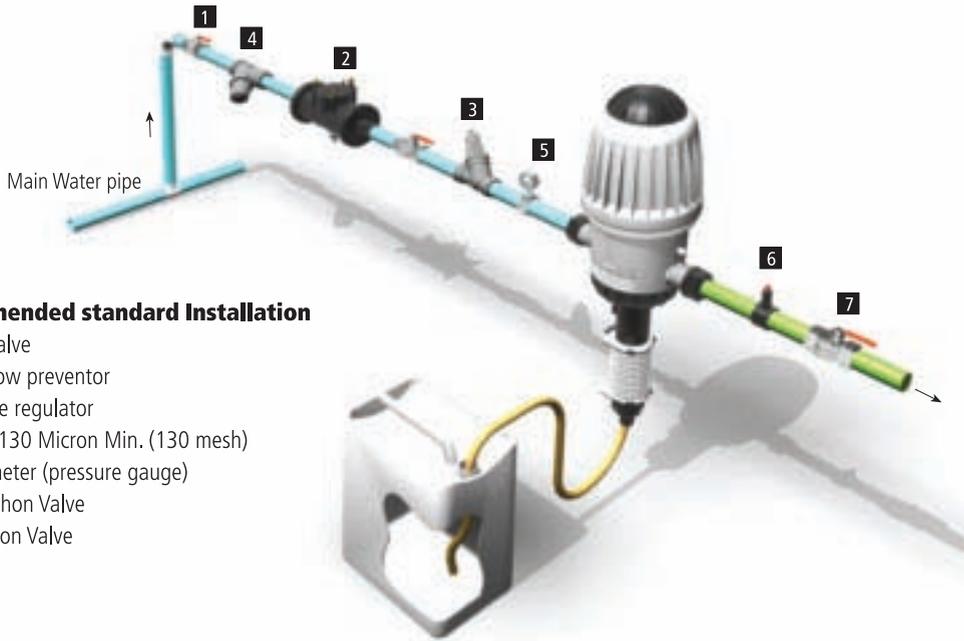
* **Optional:** Unique components are available for injecting active chlorine additives

** **Optional:** PVDF Body and Hastelloy components are available for very aggressive chemical applications

CAUTION All injectors must have a back-flow prevention valve installed on the inlet side of the injector according to local specifications.

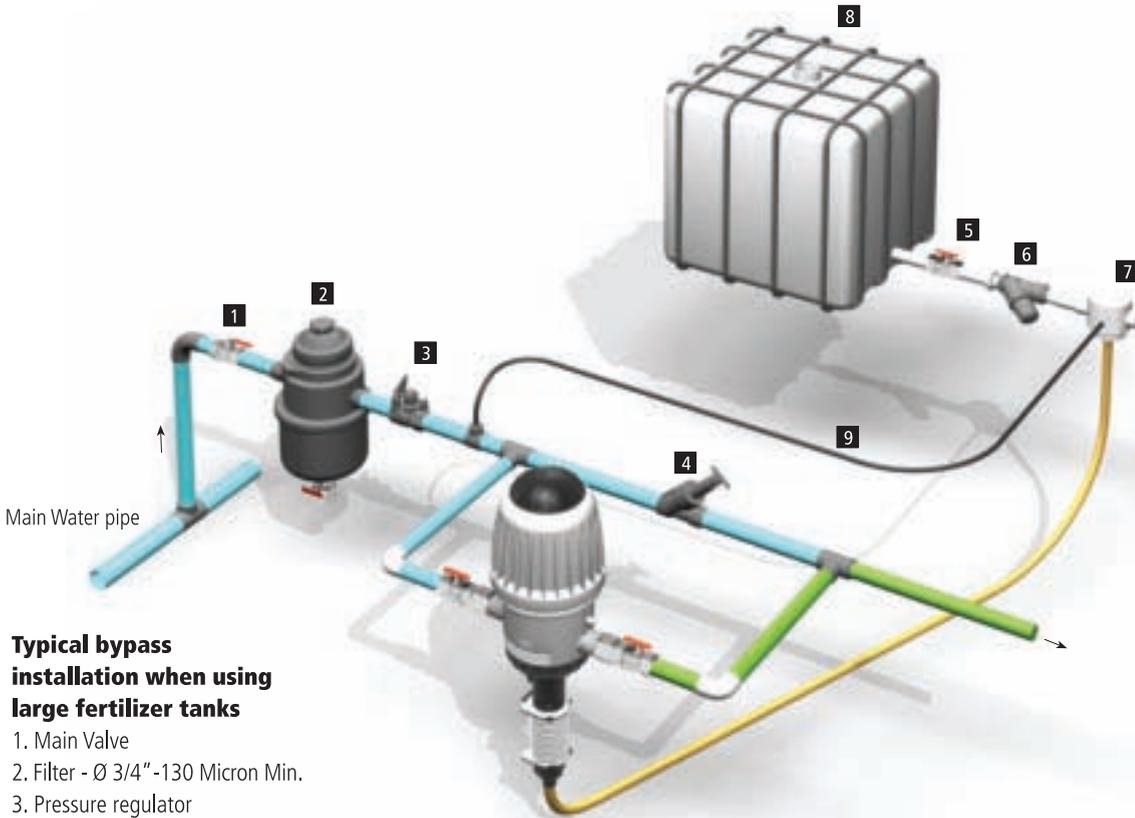


Recommended installations



Recommended standard Installation

1. Main Valve
2. Back flow preventor
3. Pressure regulator
4. Filter - 130 Micron Min. (130 mesh)
5. Manometer (pressure gauge)
6. Anti siphon Valve
7. Operation Valve

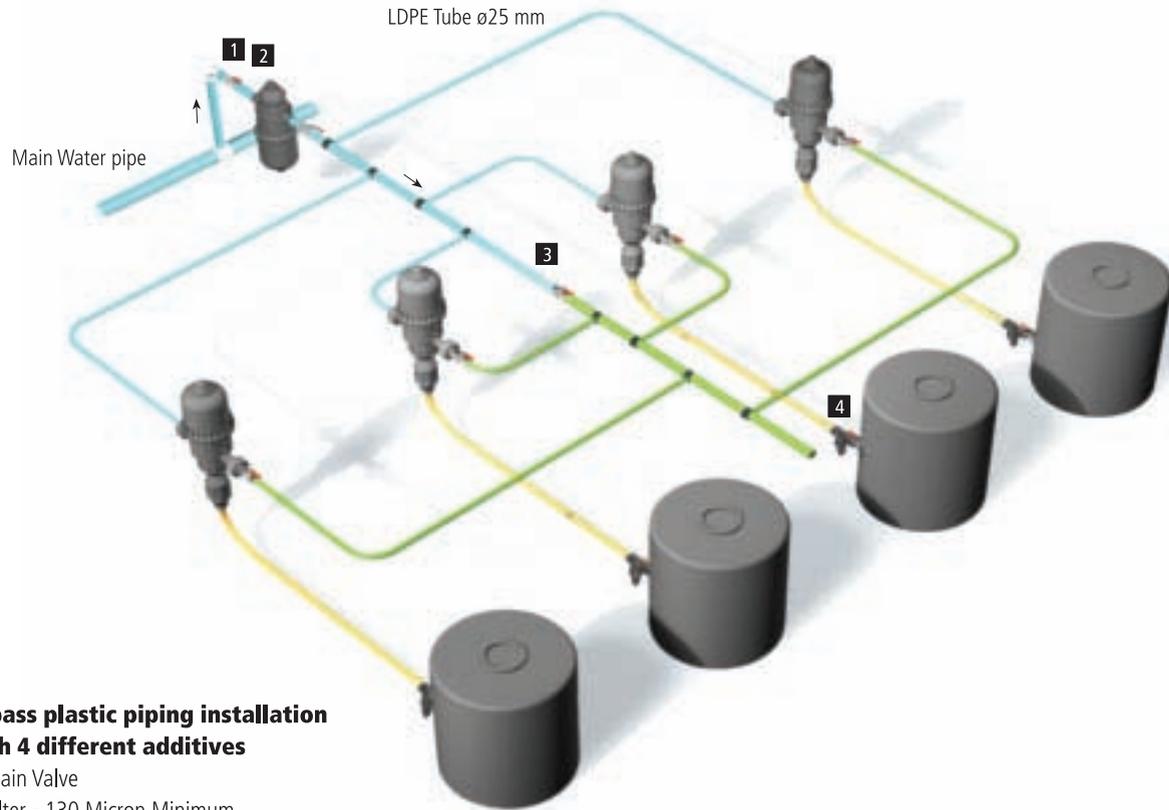
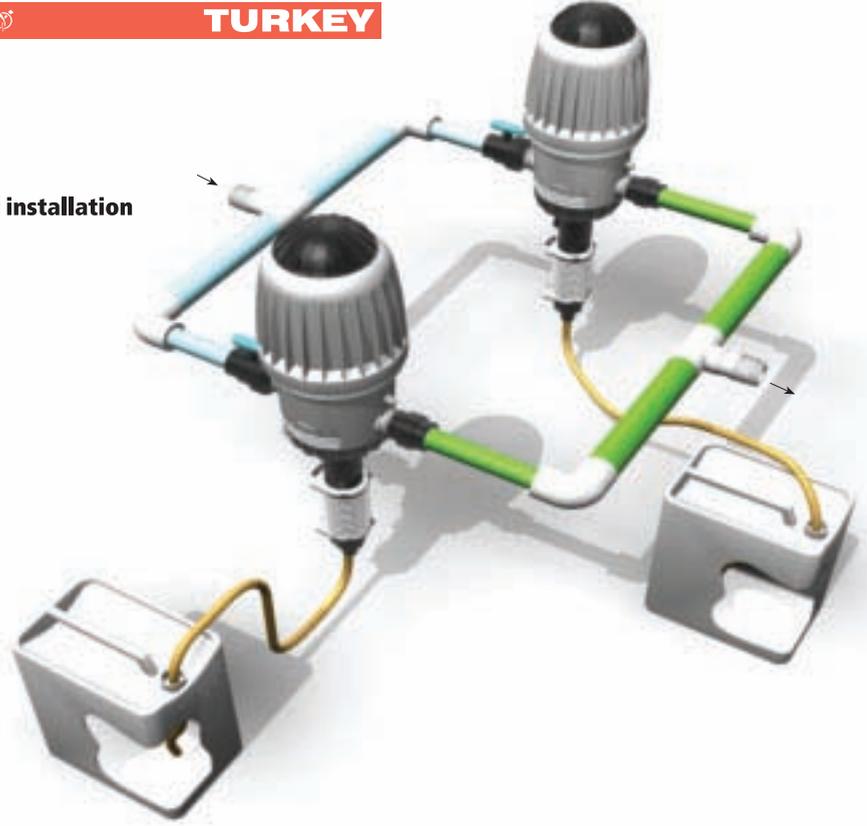


Typical bypass installation when using large fertilizer tanks

1. Main Valve
2. Filter - Ø 3/4" - 130 Micron Min.
3. Pressure regulator
4. Choking Valve
5. PVC fertilizer Valve
6. Fertilizer Filter
7. Normally closed hydraulic Fertilizer Valve
8. Fertilizer solution tank
9. 5/16" command tube



**DoRite
Parallel installation**

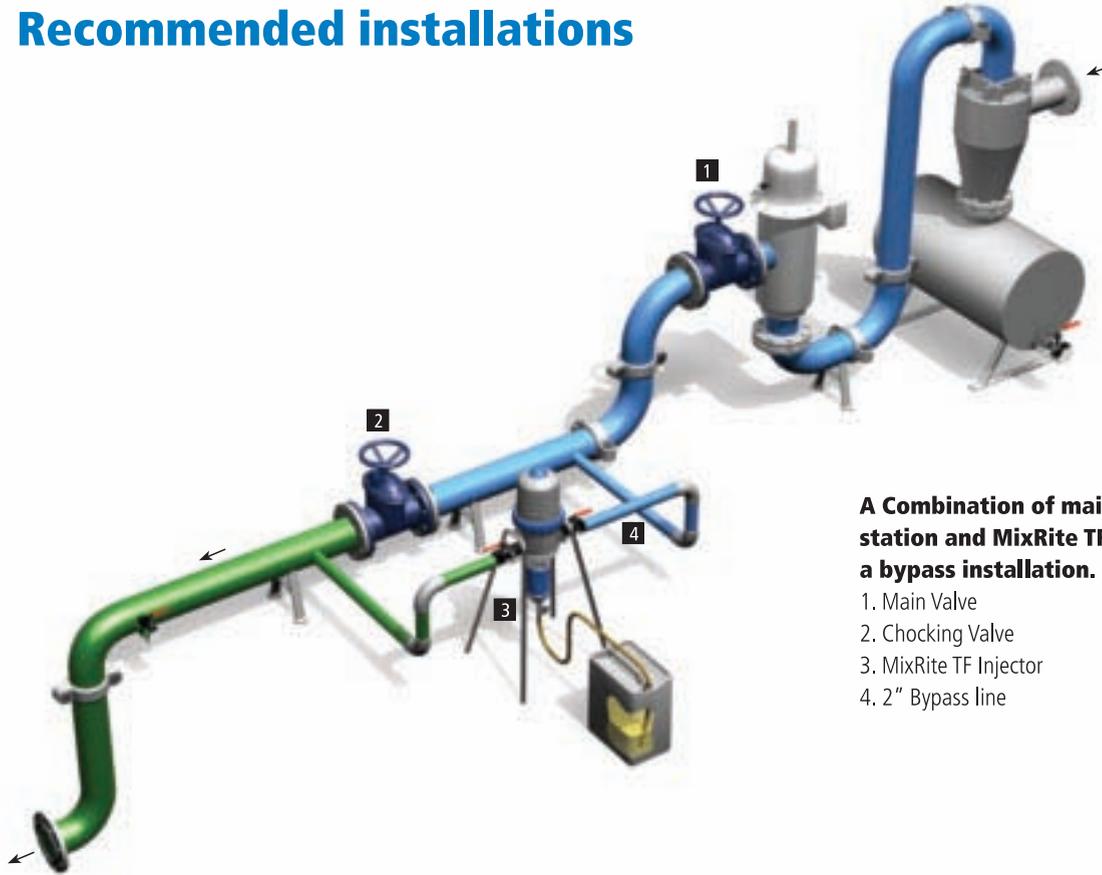


**Bypass plastic piping installation
with 4 different additives**

1. Main Valve
2. Filter - 130 Micron Minimum
3. Chocking Valve
4. Fertilizer filter

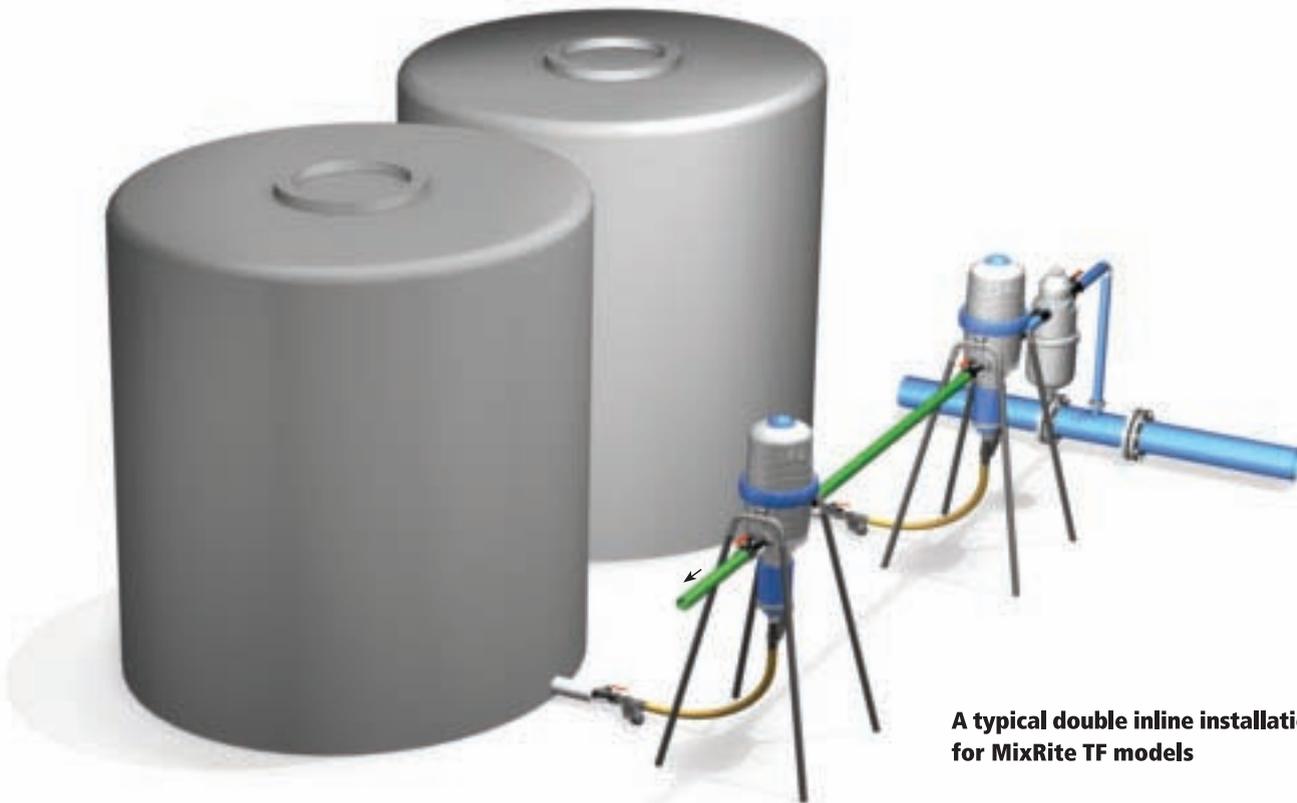


Recommended installations



A Combination of main filtration station and MixRite TF injector on a bypass installation.

1. Main Valve
2. Chocking Valve
3. MixRite TF Injector
4. 2" Bypass line



A typical double inline installation for MixRite TF models

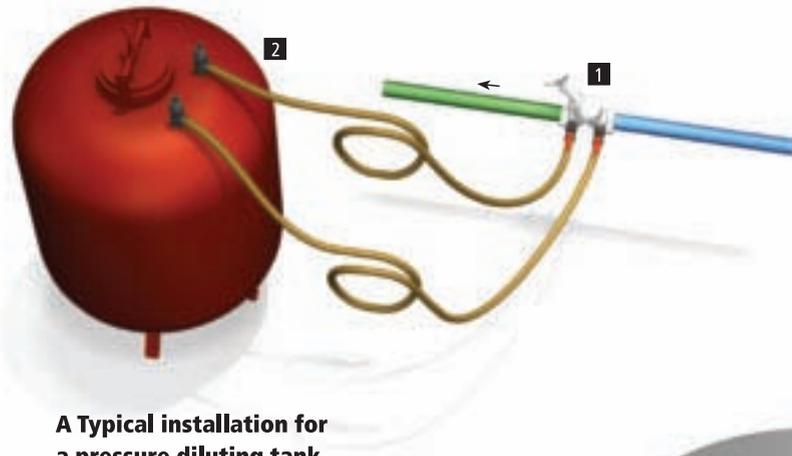


A Typical Bypass array installation for three MixRite TF model injectors

1. Main water valve
2. Main water filter
3. Chocking Valve
4. Fertilizer Solution Filter
5. Mixing chamber (Empty filter)

The OLD manual way

- Un even distribution
- Manual refill

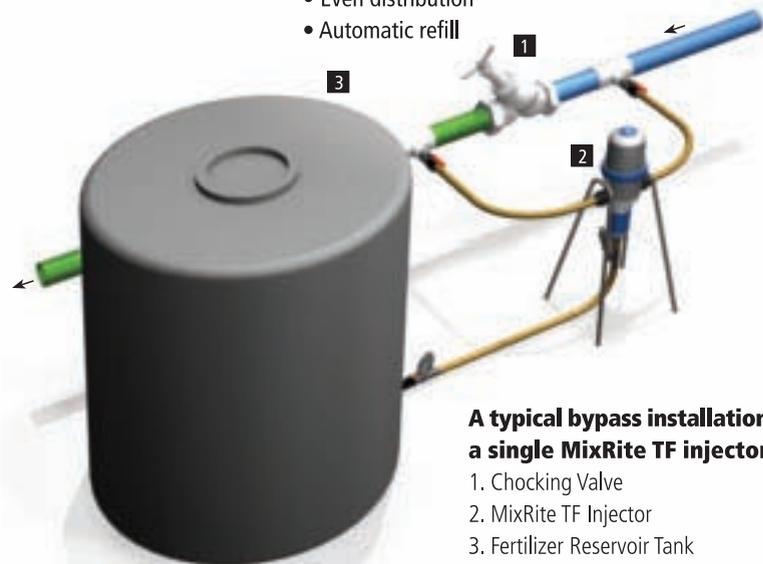


A Typical installation for a pressure diluting tank.

1. Chocking Valve
2. Pressure diluting tank

The NEW automatic way

- Even distribution
- Automatic refill



A typical bypass installation for a single MixRite TF injector.

1. Chocking Valve
2. MixRite TF Injector
3. Fertilizer Reservoir Tank



MixRite[™]
TURKEY

MixRite Cart

- 25 liter (6.6 gallon capacity)
 - Rubberized pneumatic tyres
 - Hose hook on rear of unit
 - Equipped with a spray gun
 - Can be available with all 3/4" Models
- Cat.No. 3800000180



PulseRite System

Pulse transmitting system

The system allows all common professional irrigation controllers to collect the data regarding the amount of fertilizer or additive injected by the MixRite injector.

The data transmitted into the controller can be used to record the quantities of fertilizer or additive injected into the irrigation system.

The system can fit all 3/4" MixRite models.





General Technical Information

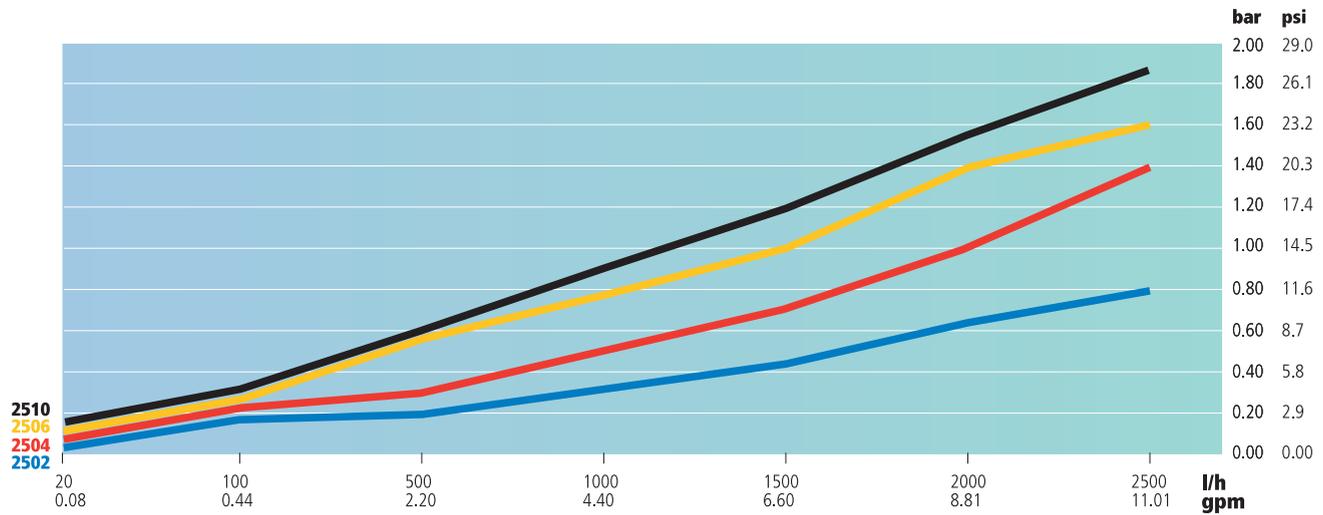
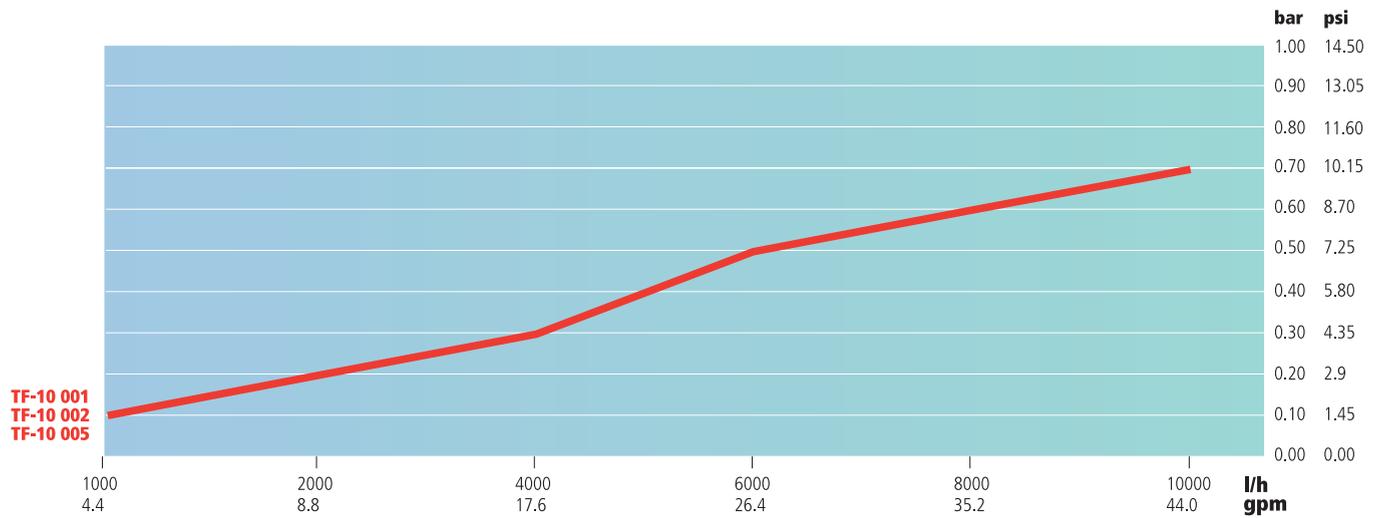
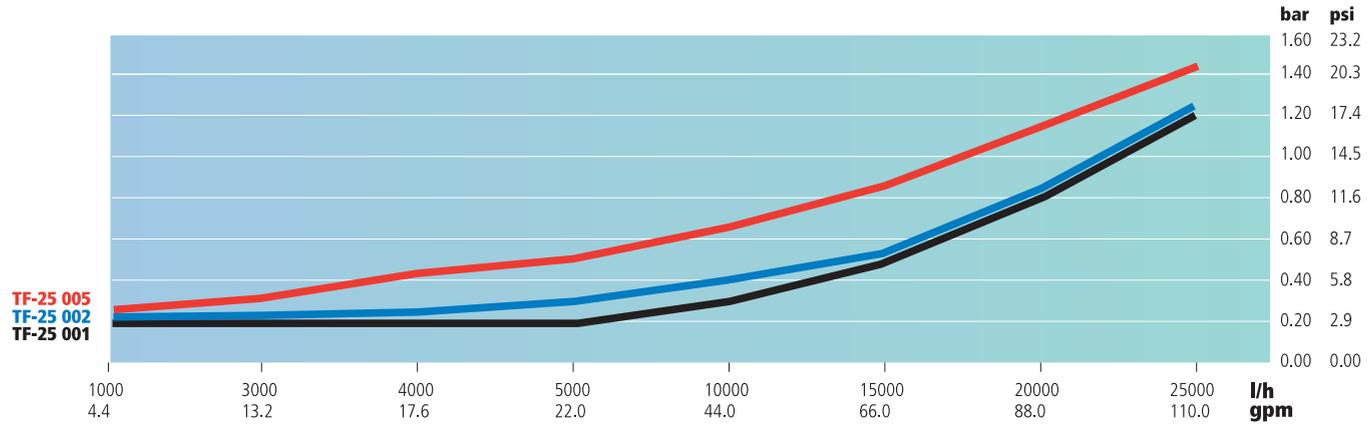
Model	Flow Rate Range	Pressure Range	Dosage Rate %	Connectors Diameter Thread	Min - Max injection rate per hour	Remarks
2500	20-2500 l/h 0.088 to 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.2% Fix	3/4"	5 l/h 1.32 gph	BSPT Thread
2501	20-2500 l/h 0.088 to 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.8% Fix	3/4"	20 l/h 5.3 gph	BSPT Thread
2508	20-2500 l/h 0.088 to 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.1 - 0.9	3/4"	0 - 20 l/h 0 - 5.3 gph	BSPT Thread
2502	20-2500 l/h 0.088 to 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.3 - 2	3/4"	0.6 - 50 l/h 0.16 - 13.22 gph	BSPT Thread
2504	30-2500 l/h 0.13 to 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.4 - 4	3/4"	0.12 - 100 l/h 0.03 - 26.5 gph	BSPT Thread
2506	40-2500 l/h 0.16 to 11 gpm	0.2 - 8 bar 2.9 - 120 psi	6% Fix	3/4"	150 l/h 39.7 gph	BSPT Thread
2510	50-2500 l/h 0.22 to 11 gpm	0.2 - 8 bar 2.9 - 120 psi	3 - 10	3/4"	1.5 - 250 l/h 0.4 - 66.14 gph	BSPT Thread Optional foot valve
2512	2500 l/h 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.3 - 2	3/4"	0.12 - 50 l/h 0.03 - 13.22 gph	BSPT External Bypass
2514	2500 l/h 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.4 - 4	3/4"	0.4 - 100 l/h 0.1 - 26.5 gph	BSPT External Bypass
2516	2500 l/h 11 gpm	0.2 - 8 bar 2.9 - 120 psi	6% Fix	3/4"	150 l/h 39.7 gph	BSPT External Bypass
2512 - in	2500 l/h 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.3 - 2	3/4"	0.12 - 50 l/h 0.03 - 13.22 gph	BSPT Internal Bypass
2514 - in	2500 l/h 11 gpm	0.2 - 8 bar 2.9 - 120 psi	0.4 - 4	3/4"	0.4 - 100 l/h 0.1 - 26.5 gph	BSPT Internal Bypass
2516 - in	2500 l/h 11 gpm	0.2 - 8 bar 2.9 - 120 psi	6% Fix	3/4"	150 l/h 39.7 gph	BSPT Internal Bypass
TF 10-001	0.5 - 10 m ³ /h 2 - 45 gpm	1 - 8 bar 14.7 - 120 psi	0.1 - 1	1 1/2"	0.5 - 100 l/h 0.13 - 26.5 gph	BSPT External, NPT External 50 mm*
TF 10-002	0.5 - 10 m ³ /h 2 - 45 gpm	1 - 8 bar 14.7 - 120 psi	0.2 - 2	1 1/2"	1 - 200 l/h 0.26 - 53 gph	BSPT External, NPT External 50 mm*
TF 10-005	0.5 - 10 m ³ /h 2 - 45 gpm	1 - 8 bar 14.7 - 120 psi	1 - 5	1 1/2"	5 - 500 l/h 1.32 - 132.3 gph	BSPT External, NPT External 50 mm*
TF 25-001	2 - 25 m ³ /h 9 - 110 gpm	1 - 8 bar 14.7 - 120 psi	0.1 - 1	63 mm	2 - 250 l/h 0.53 - 66.14 gph	63 mm compression fittings** Available on 2" BSP / 2" NPT
TF 25-002	2 - 25 m ³ /h 9 - 110 gpm	1 - 8 bar 14.7 - 120 psi	0.3 - 2.5	63 mm	4 - 625 l/h 1.06 - 165.4 gph	63 mm compression fittings** Available on 2" BSP / 2" NPT
TF 25-005	2 - 25 m ³ /h 9 - 110 gpm	1 - 8 bar 14.7 - 120 psi	1 - 5	63 mm	20 - 1375 l/h 5.3 - 364 gph	63 mm compression fittings** Available on 2" BSP / 2" NPT

Optional: PVDF Body and Hastelloy springs
components are available for aggressive chemical applications

* **Optional:** 50 mm x 11/12" union thread adaptors
** **Optional:** 63 mm x 2"/2 1/2" union thread adaptors

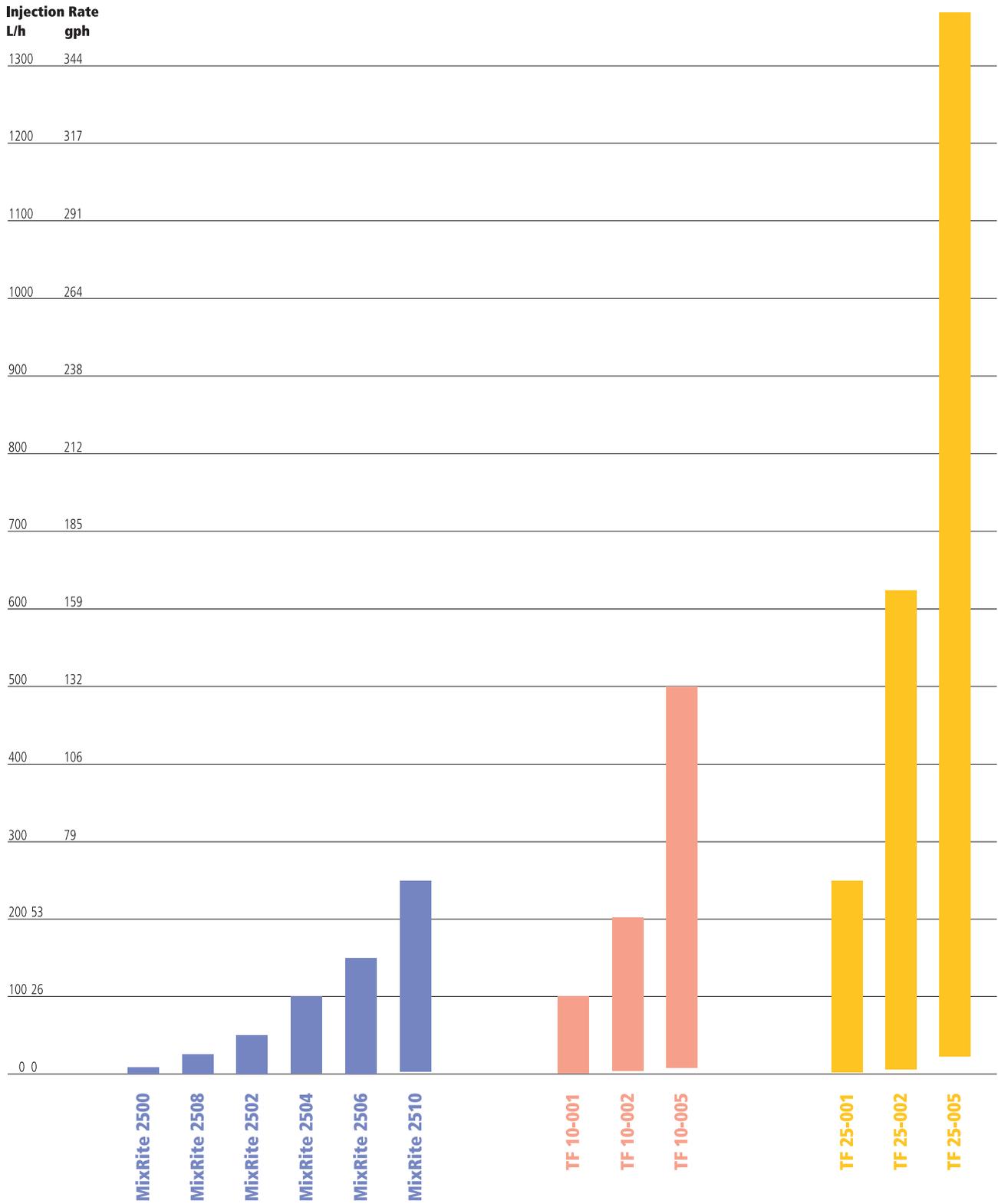


Pressure Loss Tables





Max. injection rate per hour - MixRite[®] Models





Recommended Accessories



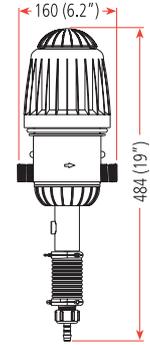
3/4" FlowGuard
Cat. No. 38220000002



3/4" Pressure Regulator
Cat. No. 38030200002



Remote Hydraulic on/off system



MixRite 3/4" Models



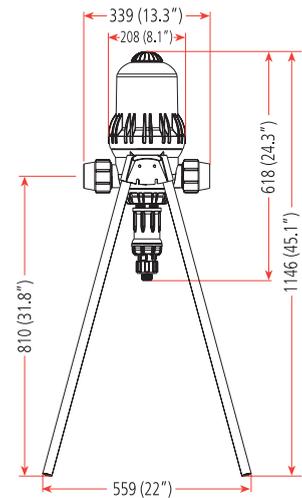
Suction foot valve
Cat. No. 36000000029



3/4" Fertiguard
Cat. No. 38220000001



Plastic Wall mounting bracket
cat no. 36030162765
For all "3/4 MixRite models



MixRite TF-10 Models



3/4" Static Pressure regulator
Cat. No. 38030200001



3/4" Water Filter
Cat. No. 38000000172



Plastic wall mounting bracket and stand base
cat no. 35125011872
For MixRite TF10 models



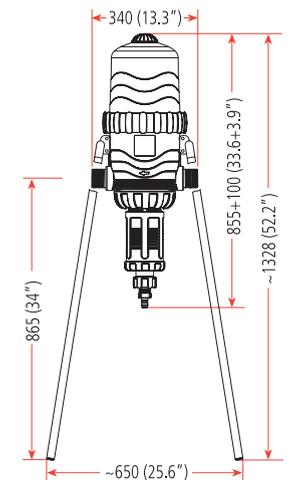
3/4" Anti siphon kit
Cat. No. 36073008002



3/4" Back flow preventor
Cat. No. 38030200004



Stainless Steel Wall mounting Bracket
Cat No. 35000000010
For models TF25



MixRite TF-25 Models



Manual ON/OFF Option
Cat. No. 28240210000



Hydraulic remote control ON/OFF Option
Cat. No. 282402A0000



Electric remote control ON/OFF Option
24 V AC - Cat. No. 282402A00AC
24 V DC - Cat. No. 282402A00DC
2 wires 12-40 VDC Latch - Cat. No. 282402A2LCH
3 wires 12-40 VDC Latch - Cat. No. 282402A3LCH

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