

TEFEN

Model 2502

Users Manual

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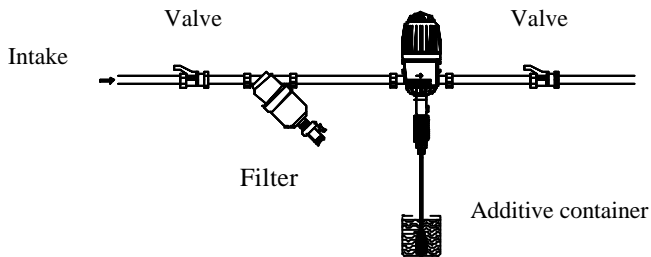


Installation of the MixRite

Installing the MixRite On a Direct Line (in line)

1. Install valves to the water line on each side of the pump.
2. Install a 50-75 mesh (250-300 micron) filter between the valve and the pump intake.
3. Install recorder connectors to each of the pipes that connect to the pump.
4. Attach the pump to the recorder connectors.
5. Position the liquid additive container 1-1.5 meter beneath the pump.
6. Check to ensure that the suction pipe is not bent or folded.
7. Position the drawing pipe into the additive container. Ensure that the bottom.

Note: Ensure that the water flows into the MixRite in the direction indicated by the arrows printed on the MixRite.

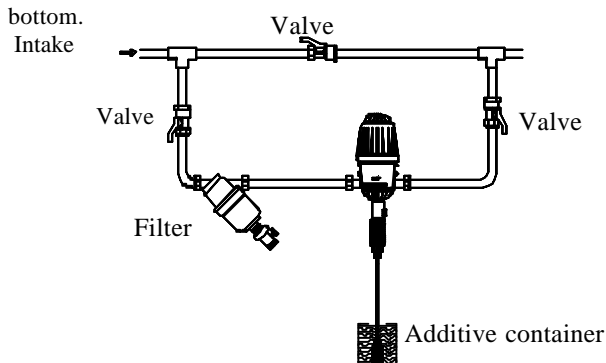


Installation of MixRite on the water line (in line)

Installing the MixRite On a Bypass line (off line)

Where water is supplied at a higher flow rate, than the working flow rate of MixRite must be installed on bypass line. The bypass provides the possibility to close the operation of the pump while water continues to flow through the line.

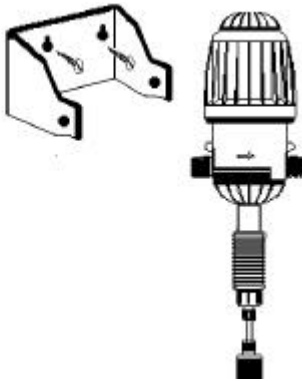
1. Install valves to the water line on each side of the pump and a third valve on the direct line.
2. Install a 50-75 mesh (250-300 micron) filter between the valve and the pump intake.
3. Install recorder connectors to each of the pipes that connect to the pump.
4. Attach the pump to the recorder connectors.
5. Position the liquid additive container 1-1.5 meter beneath the pump.
6. Check to ensure that the suction pipe is not bent or folded.
7. Position the drawing pipe into the additive container. Ensure that the



Installation of MixRite on By Pass (off line)

Mounting the MixRite

1. Prepare the MixRite site.
 - The MixRite intake and outlet must reach the intake and outlet pipes.
 - The MixRite must be positioned 1-1.5 meters above the liquid additives container.
2. Screw the MixRite bracket onto a wall or any stable vertical base.
3. Press the MixRite onto the bracket. The nipples on the MixRite must click into the holes in the side of bracket.



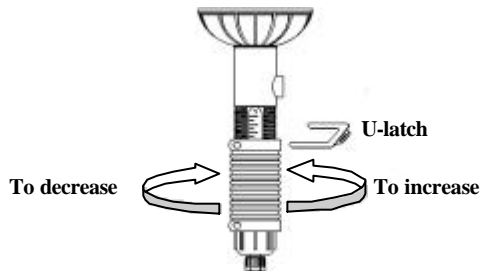
Mounting the MixRite

Warning: During pumping, ensure that the additive container is not completely empty.

Adjusting the MixRite

Every stroke of the MixRite moves a predetermined volume of water with a predetermined volume of liquid additive. To adjust the volume of the liquid additive:

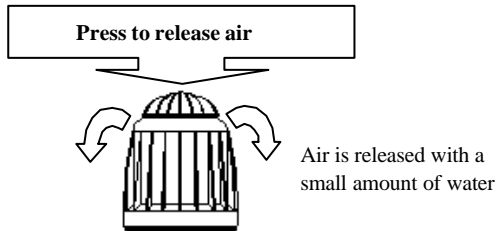
- 1.
2. Preset the amount of additives according to the Percentage to Water Scale that is found on the proportioner.
 - Turn the Proportioning Adjuster clock-wise to increase the amount of additives.
 - Turn the Proportioning Adjuster counter clock-wise to decrease the amount of additives.
3. Turn the Proportioning Adjuster slightly, until the U-latch holes of the Proportioning Lock Nut align with the notches in the Proportioner.
4. Push the U-latch into the U-latch holes of Proportioning Lock Nut until it is firmly in place.



Adjusting the MixRite

The Air-Bleed Valve

For proper operation, the MixRite should be free of air. Use the air-relief valve on the cap of the MixRite to release trapped air. After initial operation of the MixRite, apply pressure to the cap (the air release valve) for several seconds to open valve that allows trapped air to escape. This air release is accompanied by a slight loss of water. Release the pressure on the cap to close the valve.



Troubleshooting

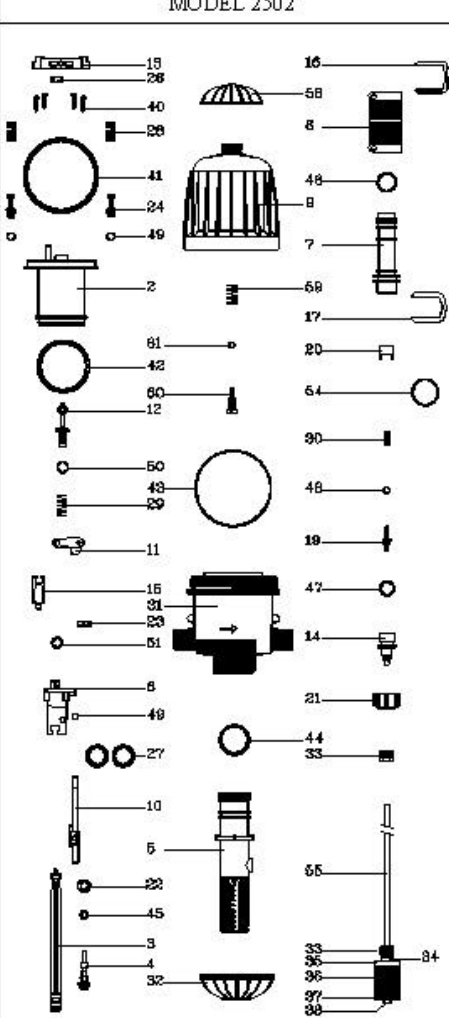
<u>Problem</u>	<u>Check</u>	<u>Solution</u>
MixRite does not operate	Check that the intake and outlet valves are open	Open the valve
	Check that clogged	Clean the filter
	Check that water is flowing in the line	Open main and or outlet valve
	Check that springs are not broken Open pump lid & remove piston,	Change the broken spring
	Check that cylinder is not scratched	Change cylinder
	Check that piston seals are not damaged	Change the piston
MixRite does not draw	Dismantle the suction pump and check the suction seal for damage	Change the suction seal
The MixRite makes scratching noise	Check if there is liquid in the proportioning container	Add liquid to the container.
	Check if suction pipe is immersed and not folded	Straighten or change the pipe
	Check suction filter to see if it is blocked and if it is immersed in the proportioning liquid	Clean and rinse suction filter fill liquid into tank to cover filter.

Rinsing and Cleaning the unit

After pumping

- Rinse the unit by pumping clean water from the additives container.
- Wash the external surface of the unit with clean water.

Accessories

MODEL 2502	No.	PART No.	Cat.No.
	2	PISTON 100/70	30168802
	3	BAR	30180903
	4	PISTON 15.5 2X	30162204
	5	CYLINDER SUPPORT	30161306
	6	BASE	30182307
	7	CYLINDER 2X	30181007
	8	REGULAR NUT	30180708
	9	COVER	30167309
	10	EJECTOR PIN	30167110
	11	EJECTOR FRAME	30167211
	12	VALVE 1	30149712
	13	VALVE BRIDGE	30147513
	14	VALVE BASE	30167014
	15	FRAME	30149915
	16	U LATCH	30167916
	17	NUT LATCH	30168017
	18	VALVE 3	30167719
	20	VALVE LID	30167820
	21	NUT 3/4"	30167521
	22	SEAL 2X	30205422
	23	AXLE	30162523
	24	VALVE 2	30163124
	26	PIN	30167026
	27	RUBBER SPRING 1	30167327
	28	SPRING 2	30737428
	29	SPRING 3	30737429
	30	SPRING 4	30737430
	31	BODY	30162031
	32	NUT 1 1/4"	30161532
	33	NUT 3	48148003
	34	FITTING 1/4"x8	48648004
	35	SUCTION FILTER BODY	30301035
	36	SUCTION FILTER	30301036
	37	DISC	30301037
	38	EJOY-PT148 KA50x36 WNA2	30301038
	40	EJOY-PT148 KA35x18 WNA2	30351840
	41	SEAL 101x11.5	30175141
	42	SEAL 71x10	30175142
	43	"O" RING 2-243	30224343
	44	"O" RING 2-220	30222044
	45	"O" RING 2X7	30020745
	46	"O" RING 2-116 2X	30211646
	47	"O" RING 2-114	30211447
	48	"O" RING 2-108	30210848
	49	"O" RING 2-109	30210949
	50	"O" RING 10x18	30101850
	51	"O" RING 12x2	30120251
	54	"O" RING 2-024	30202454
	55	P.E TUBE 3x5.41x1000	30000055
	56	AIR RELEASER	30161656
	59	SPRING 5	30000059
	60	AIR RELEASER SCREW	30204360
	61	"O" RING 2-107	30210761
	66	MOUNTING BASE	30182766