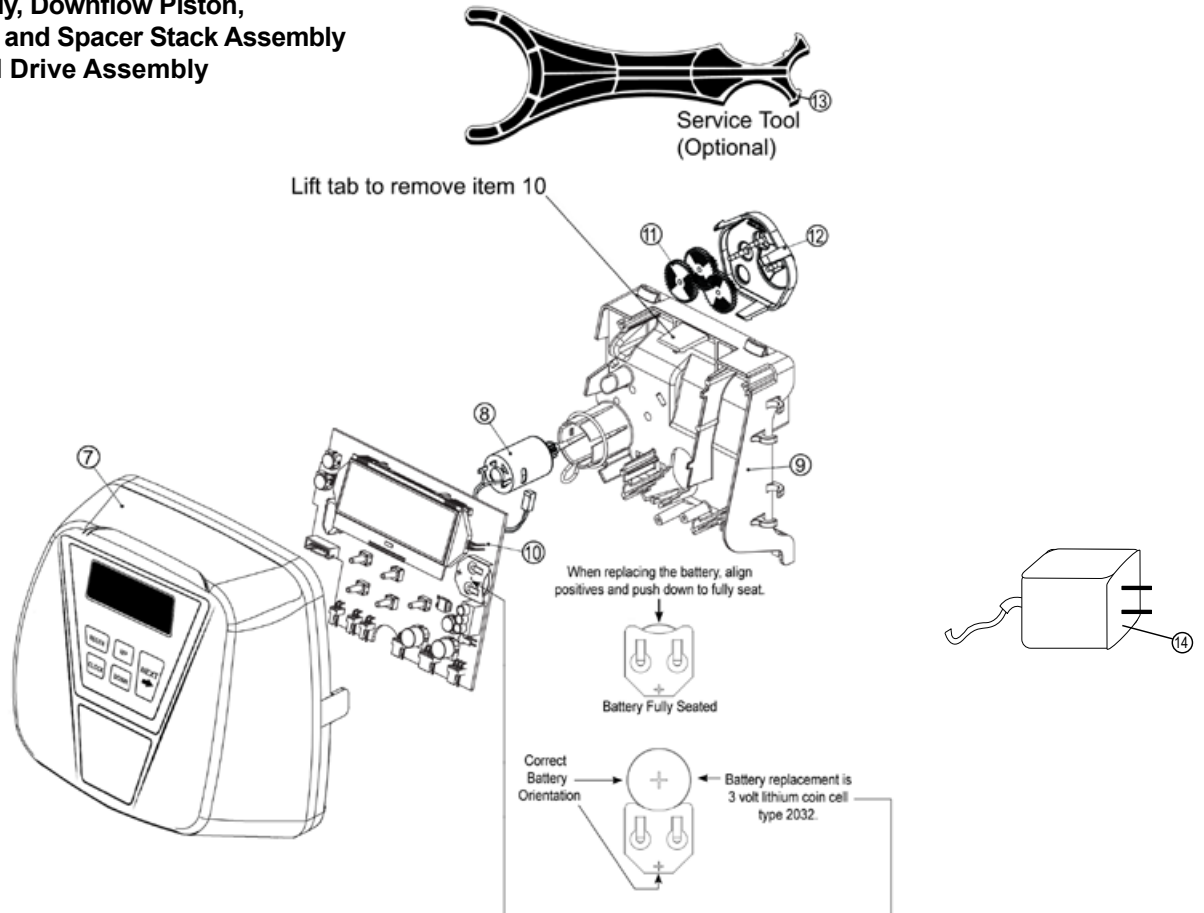


MGTE CONTROL VALVE PARTS LISTING

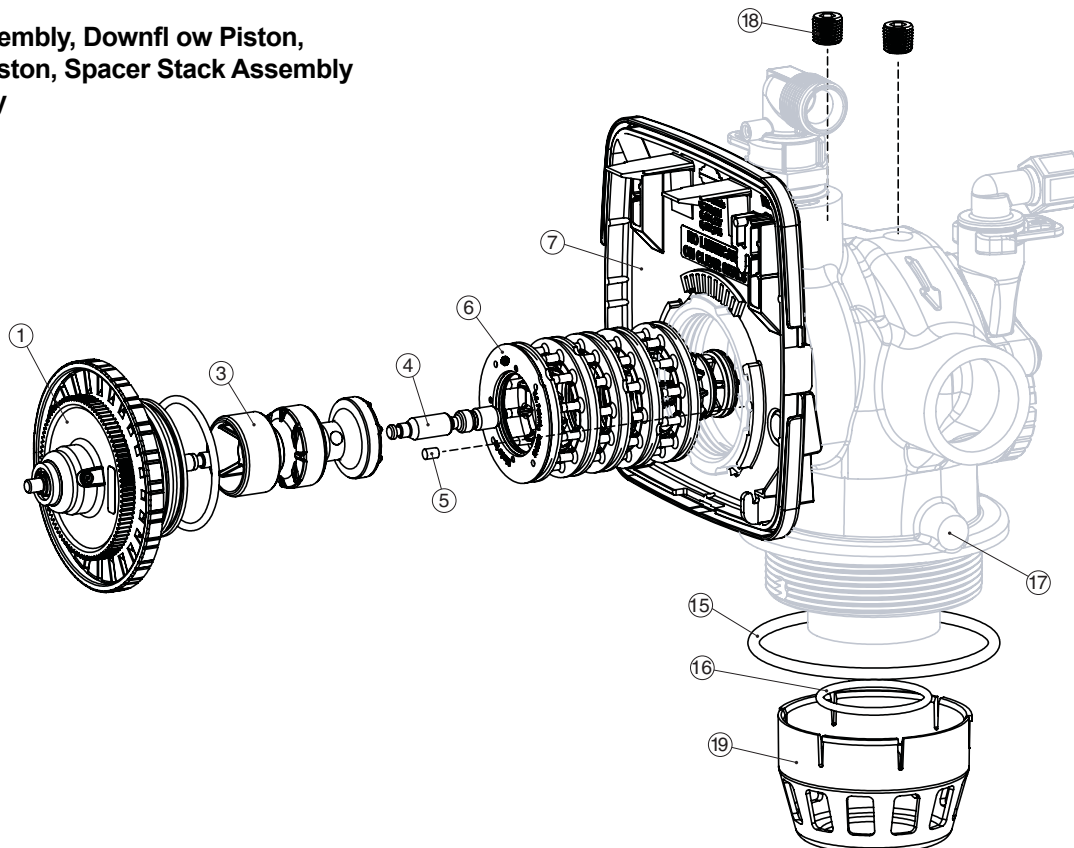
Part Number	No.	Description
B3950391	1	Complete control valve for MGTE-60-1-1/2 Time Clock
B3950411	1	Complete control valve for MGTE-60-1-1/2 Metered
B3950392	1	Complete control valve for MGTE-90-1-1/2 Time Clock
B3950412	1	Complete control valve for MGTE-90-1-1/2 Metered
B3950393	1	Complete control valve for MGTE-120-1-1/2" Time Clock
B1074066	1	Complete control valve for MGTE-120-1-1/2" Metered
B3950394	1	Complete control valve for MGTE-150-1-1/2" Time Clock
B3950414	1	Complete control valve for MGTE-150-1-1/2" Metered
B3950395	1	Complete control valve for MGTE-210-1-1/2" Time Clock
B3950415	1	Complete control valve for MGTE-210-1-1/2" Metered
B3950396	1	Complete control valve for MGTE-300-1-1/2 Time Clock
B3950416	1	Complete control valve for MGTE-300-1-1/2 Metered
B1300021	2	Brine Tank Complete for MGTE-60 & MGTE-90
B1295022	2	Brine Tank Complete for MGTE-120-1-1/2"
B1295016	2	Brine Tank Complete for MGTE-150-1-1/2"
B1295018	2	Brine Tank Complete for MGTE-210-1-1/2"
B1295021	2	Brine Tank Complete for MGTE-300-1-1/2"
A2071003	3	Brine Well for MGTE-60, 90 & 120
B1015008	3	Brine Well for MGTE-150-1-1/2" through MGTE-300-1-1/2"
A2072003	4	Brine Well Cap for MGTE-60, 90 & 120
A2072001	4	Brine Well CAP for MGTE-150-1-1/2" through 300-1-1/2"
A2250003	5	Overflow Elbow 1/2" w/Nut - All
B1180004	6	Brine Valve Assembly MGTE-60 & 90
B1180021	6	Brine Valve Assembly MGTE-120-1-1/2"
B1180015	6	Brine Valve Assembly MGTE-150-1-1/2"
B1180017	6	Brine Valve Assembly MGTE-210-1-1/2"
B1180020	6	Brine Valve Assembly MGTE-300-1-1/2"
B1020003	7	Brine Line w/Inserts
A2126093	8	Mineral Tank Only MGTE-60
A2126106	8	Mineral Tank Only MGTE-90
A2126107	8	Mineral Tank Only MGTE-120
A2126108	8	Mineral Tank Only MGTE-150
A2126117	8	Mineral Tank Only MGTE-210
A2126118	8	Mineral Tank Only MGTE-300
A2121047	9	Resin - Please order the quantity indicated next to your unit
	9	MGTE-60 - qty. 2
	9	MGTE-90 - qty. 3
	9	MGTE-120 - qty. 4
	9	MGTE-150 - qty. 5
	9	MGTE-210 - qty. 7
	9	MGTE-300 - qty. 10
A2123001	9	Gravel Subfill - Please order the qty indicated next to your unit - 30, 45 & 60 do not use subfill
	9	MGTE-90 - qty. 30#
	9	MGTE-120 - qty. 35#
	9	MGTE-150 - qty. 40#
	9	MGTE-210 - qty. 80#
	9	MGTE-300 - qty. 120#
B1200005	10	Distributor Tube Assembly for MGTE-60
B1199001	10	Distributor Tube Assembly for MGTE-90
B1199002	10	Distributor Tube Assembly for MGTE-120
B1199003	10	Distributor Tube Assembly for MGTE-150
B1199004	10	Distributor Tube Assembly for MGTE-210
B1199005	10	Distributor Tube Assembly for MGTE-300

MGTE CONTROL VALVE PARTS DIAGRAM (see parts listing on next page)

Drive Cap Assembly, Downflow Piston,
Regenerant Piston and Spacer Stack Assembly
& Front Cover and Drive Assembly



Drive Cap Assembly, Downflow Piston,
Regenerant Piston, Spacer Stack Assembly
and Main Body

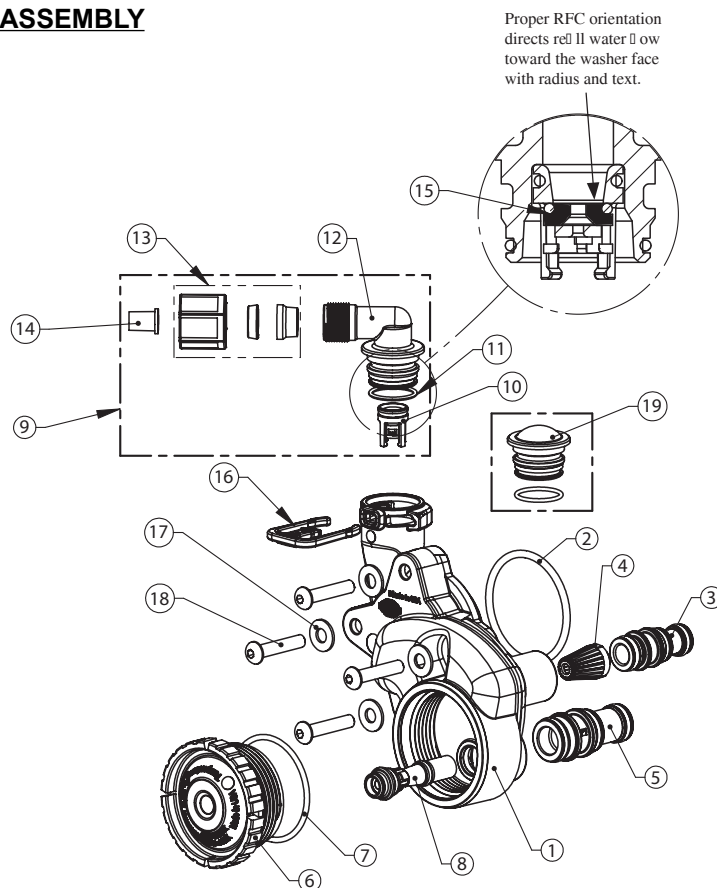


1-1/2" MGTE CONTROL VALVE PARTS LISTING (see parts diagram on previous page)

Drive Cap Assembly, Downflow Piston
Regenerant Piston and Spacer Stack Assembly

Item No.	Marlo Part No.	Description	Quantity	Clack Part No.
1	A2080077	WS1 Drive Cap Assembly	1	V3004
2	A2077180	O-ring 228	1	V3135
3	A2309057	WS1.25/1.5 Piston Downflow Assembly	1	V3407
4	A2438033	WS1 Regenerant Piston	1	V3174*
5	A3001008	WS1.5 Backplate Dowel	1	V3423
6	A2466054	WS1.5 Spacer Stack Assembly	1	V3430
7	A2103160	Front Cover ASSY	1	V3948-01
8	A2085050	Motor	1	
9	A2328046	Drive Bracket & Spring Clip	1	
10	A2341035	PC Board	1	V3955MA
11	A2393046	Drive Gear 12x36	1	
12	A2103132	Drive Gear Cover	1	
13	A2491086	Service Tool	1	
14	A2242054	Transformer 110V - 12V	1	
15	A2077230	O-ring 347	1	V3419
16		O-ring 225 for valve bodies with NPT threads	1	V3641
17		WS 1.5 NPT Valve Body, Gen 2	1	V3950-01
18		Test Port Plug, 1/4" NPT	2	V3468
19		Top Baffle Diffuser, 1.5/50MM	1	D1300

INJECTOR BODY, REFILL ASSEMBLY

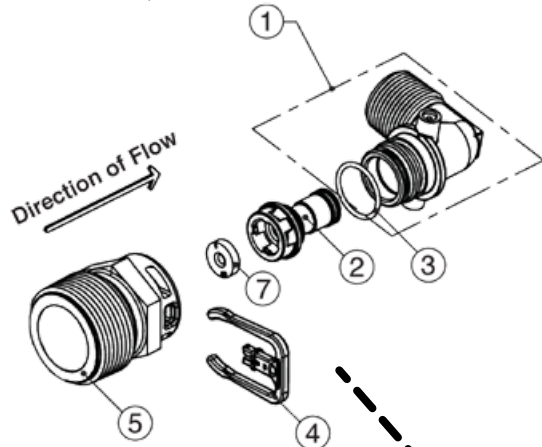


DRAWING NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	V3967	WS1.5 Injector Body, Welded Assembly	1
2	V3441	O-ring -226	1
3	V3968***	WS1.5 Injector Feed Tube	1
4	A2142016	WS1 Injector Screen	1
5	V3969 ***	WS1.5 Injector Draw Tube	1
6	A2080079	WS1 Injector Draw Tube	1
7	A2077182	O-ring -135	1
8	A2079025	Injector Assembly A - Black	1
8	A2079065	Injector Assembly B - Violet	1
8	A2079066	Injector Assembly C - Red	1
8	A2079067	Injector Assembly D - White	1
8	A2079068	Injector Assembly E - Blue	1
8	A2079069	Injector Assembly F - Yellow	1
8	A2079070	Injector Assembly G - Green	1
8	A2079071	Injector Assembly H - Orange	1
8	A2287081	Injector Plug	1
8	A2077226	O-Ring 013 (Not Shown)	1
8	A2077233	O-Ring 012 (Not Shown)	1
9	A2078050**	Refi II Flow Control, 1/2"	1
10	A2104038**	WS 1.5 Refi II Retainer Assembly (0.5 GPM)	1
11	A2077179	O-ring, -019	1
12	A2099074	Regenerant Elbow w/Flow Control	1
13	A2095075	Nut, Compression, 1/2" Black	1
14	A2409010	Insert, Polytube 1/2"	1
15	A2253108	Refi II Flow Control (0.5 GPM)	1
16	A2411015	Retaining Clip	1
17	V3724	Washer, Flat Stainless Steel	1
18	V3642	Bolt, BHCS Stainless Steel 1/4-20x 1 1/4	1
19	A2287059	Refi II Port Plug	1

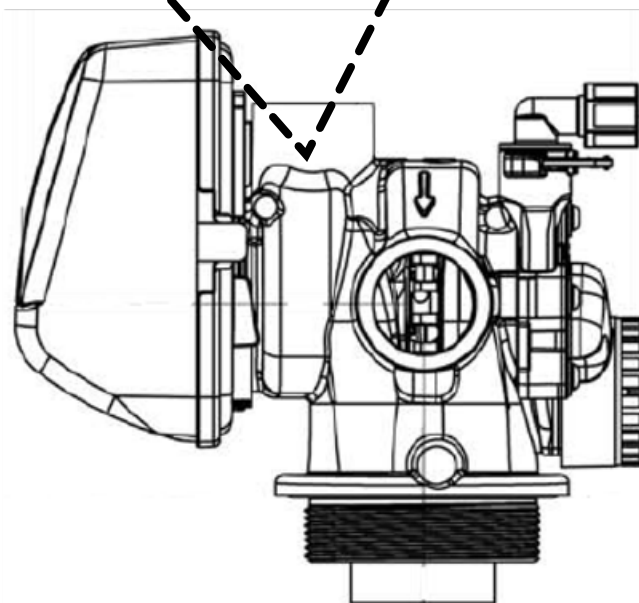
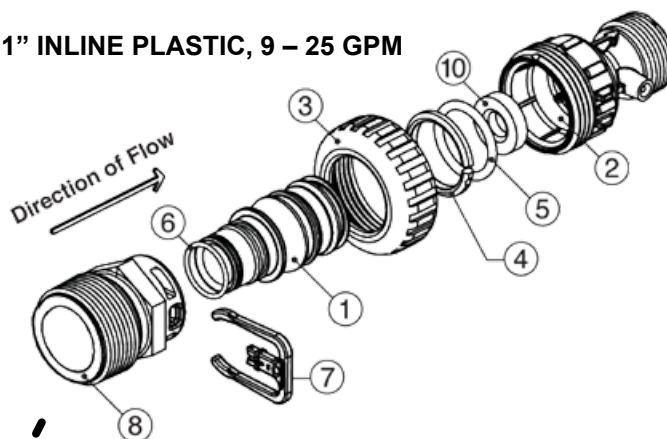


DRAIN LINE FLOW CONTROLS

3/4" PVC ELBOW, 0.7 – 10 GPM



1" INLINE PLASTIC, 9 – 25 GPM



3/4" PVC ELBOW, 0.7 – 10 GPM

DRAWING NO.	PART NO.	DESCRIPTION	QTY
1	A2355019	WS Drain Fitting, 3/4" Elbow ONLY	1
1	A2099056	Drain Elbow, 3/4 NPT	1
2	A2104034	DLFC Retainer Assembly	1
3	A2077179	O-ring, -019	1
4	A2411015	Locking Clip	1
5	A2526013	WS1.5 DLFC Adapter	1
7	A2253085	DLFC 3.2 gpm (12.1 lpm) for 3/4"	1
7	A2253086	DLFC 4.2 gpm (15.9 lpm) for 3/4"	1
7	A2253087	DLFC 5.3 gpm (20.1 lpm) for 3/4"	1
7	A2253111	DLFC 6.5 gpm (24.6 lpm) for 3/4"	1
7	A2253112	DLFC 7.5 gpm (28.4 lpm) for 3/4"	1
7	A2253105	DLFC 9.0 gpm (34.1 lpm) for 3/4"	1
7	A2253132	DLFC 10.0 gpm (37.9 lpm) for 3/4"	1

1" INLINE PLASTIC, 9 – 25 GPM

DRAWING NO.	PART NO.	DESCRIPTION	QTY
1	A2355020	WS Drain Fitting, 1" Straight	1
1	A2097040	WS Drain Fitting Adapter, 1" NPT	1
2	A2005075	Drain Fitting Body	1
3	A2095069	WS1 Nut, QC	1
4	A2453012	WS1 Split Ring	1
5	A2077178	O-ring -215	1
6	A2077179	O-ring -019	1
7	A2411015	Locking Clip	1
8	A2526013	WS1.5 DLFC Adapter	1
10	A2253117	DLFC 9.0 gpm (37.1 lpm) for 1"	1
10	A2253133	DLFC 10.0 gpm (37.9 lpm) for 1"	1
10	A2253118	DLFC 11.0 gpm (41.6 lpm) for 1"	1
10	A2253119	DLFC 13.0 gpm (49.2 lpm) for 1"	1
10	A2253106	DLFC 15.0 gpm (56.8 lpm) for 1"	1
10	A2253120	DLFC 17.0 gpm (64.4 lpm) for 1"	1
10	A2253121	DLFC 20.0 gpm (75.7 lpm) for 1"	1
10	A2253122	DLFC 25.0 gpm (94.6 lpm) for 1"	1

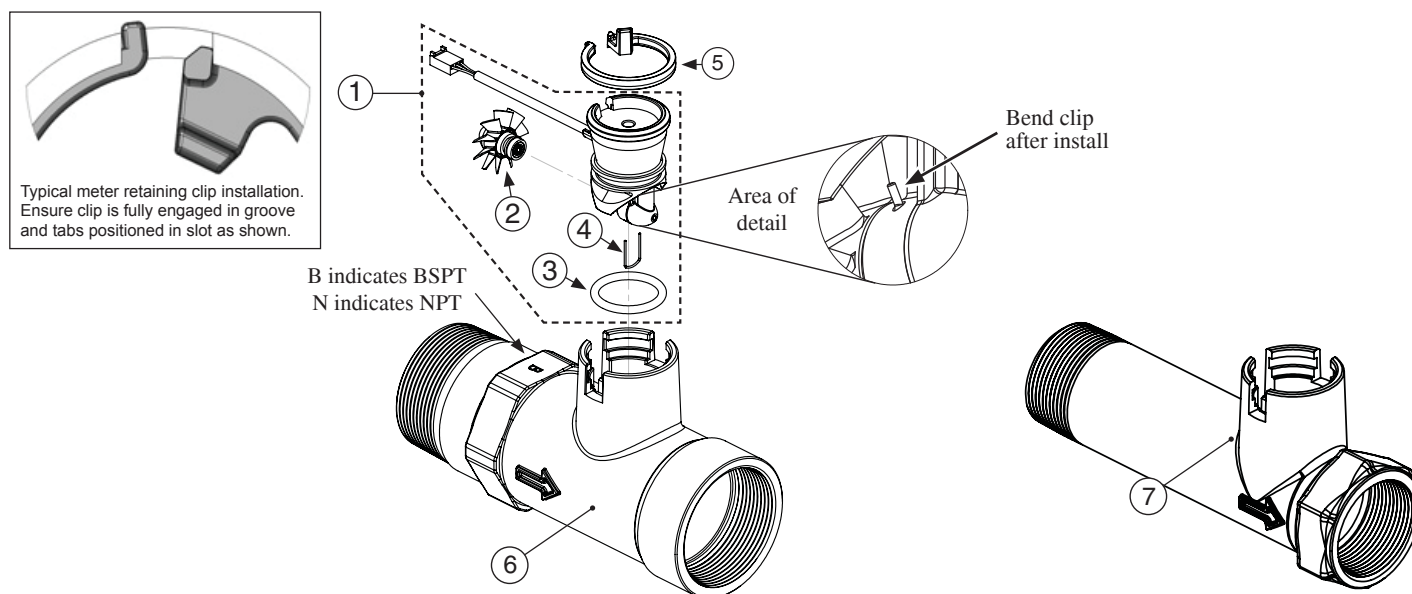


1-1/2" AND 2" METER ASSEMBLIES

Note: Be sure the paper meter size is programmed in the software.

Service or replace the turbine by:

1. Turn the bypass for the system on and relieve the pressure on the system before removing the meter.
 2. Press downward on the remote meter assembly to relieve tension on the retaining clip V3632. Remove the clip and take the meter assembly out of the housing.
 3. Remove the bend from the two exposed tips of the retaining clip (item 5) and remove clip.
 4. Service or replace the Turbine Assembly and place it back on the turbine shaft.
 5. Insert the Turbine Clip and re-bend the exposed ends of the clip. The V3118-03 turbine has a groove to line up with the Turbine Clip.
 6. Insert meter assembly back into the meter housing.
 7. Re-install the meter retaining clip as shown below.
 8. Open the bypass for the system slowly to bring back into service and check to be sure you have no water leaks.
- The Turbine Assembly has a groove to line up with the V3501 WS1.5/2 Turbine Clip.



DRAWING NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
	A2360069	1.5" NPT Meter, 15' Cable	1
	A2426203	2" NPT Meter, 15' Cable	1
1	A2360061	Commercial meter assembly, 15' Cable	1
2	A2100029	Commercial meter turbine assembly	1
3	A2077178	O-ring, -215	1
4	V3501	Turbine clip	1
5	A2411021	Meter Retaining Clip	1
6	V3754-01	WS2 Meter Housing NPT	1
7	V3401-04	WS1.5 Meter Housing NPT	1

WHEN INSTALLING THE METER, MAKE SURE THE ARROW ON THE METER BODY IS GOING THE SAME DIRECTION AS THE WATER FLOW.

THIS WATER METER SHOULD NOT BE USED AS THE PRIMARY MONITORING DEVICE FOR CRITICAL OR HEALTH EFFECT APPLICATIONS.

OPERATING PRESSURES: 20 PSI MINIMUM / 125 PSI MAXIMUM • OPERATING TEMPERATURES: 40°F MINIMUM / 110°F MAXIMUM

*The meter can be installed in either horizontal or vertical applications.

