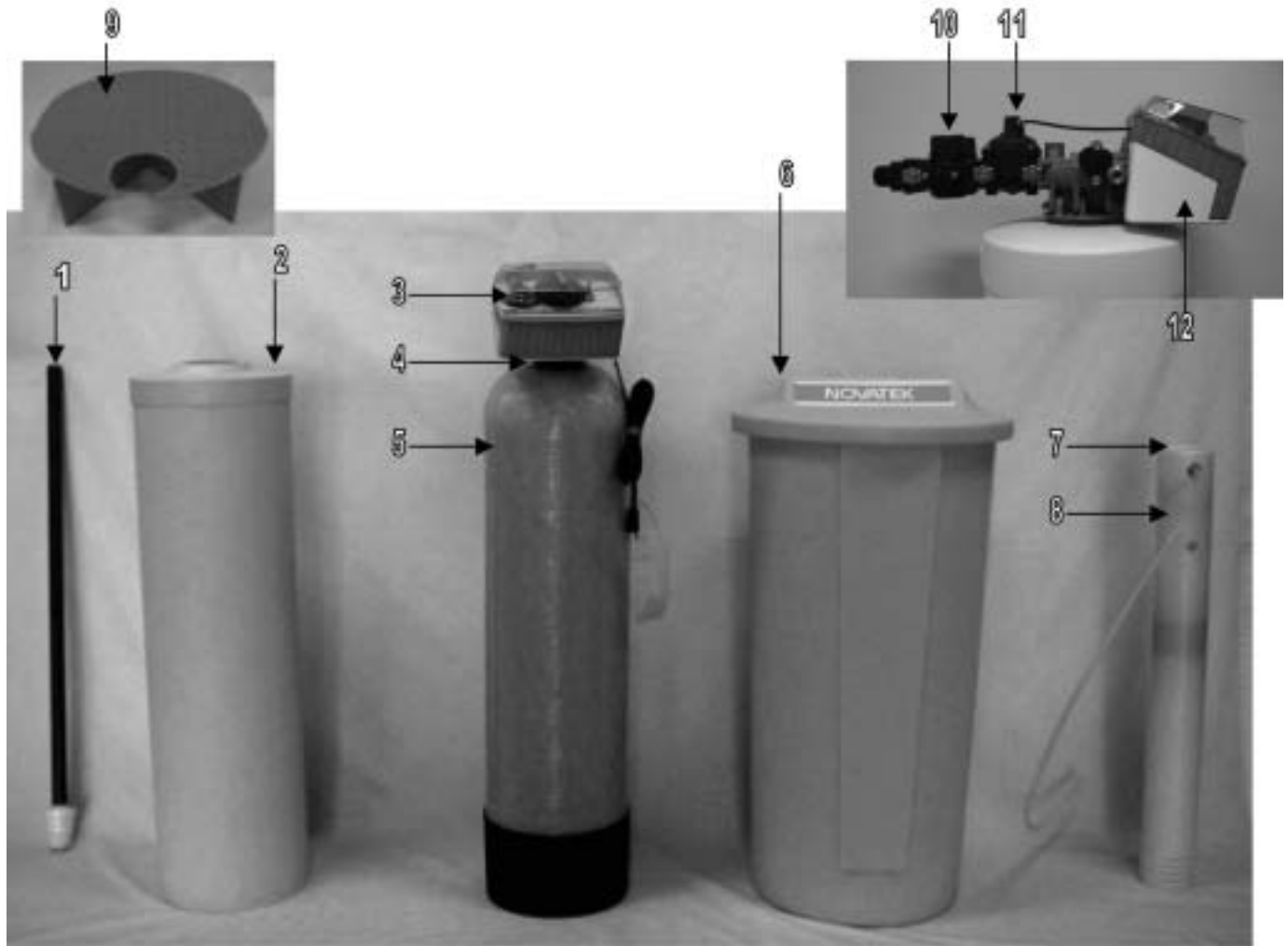


# Metermatic Twin Tank Water Softener



Part No.	Model Description	Distributor #1	Jacket #2	Valve #4	Tank #5	Brine Tank #6	Safety Float #8	Grid #9	Resin (21501)	Media (22001)
3950	NT24MI	19495	100503	7500-81	19354	100283	13624	NA	0.75 CF	0.065 CF
3951	NT32MI	19495	100506	7500-82	110354	100283	13624	NA	1.00 CF	0.080 CF
3952	NT40MI	19478	100507	7500-83	110474	100362	13624	19725	1.25 CF	0.080 CF
3953	NT64MI	19477	NA	7500-84	112524	100362	13624	19725	2.00 CF	0.120 CF
3954	NT96MI	60098	NA	7500-85	114651	100362	13624	19726	3.00 CF	0.150 CF

## Common Components

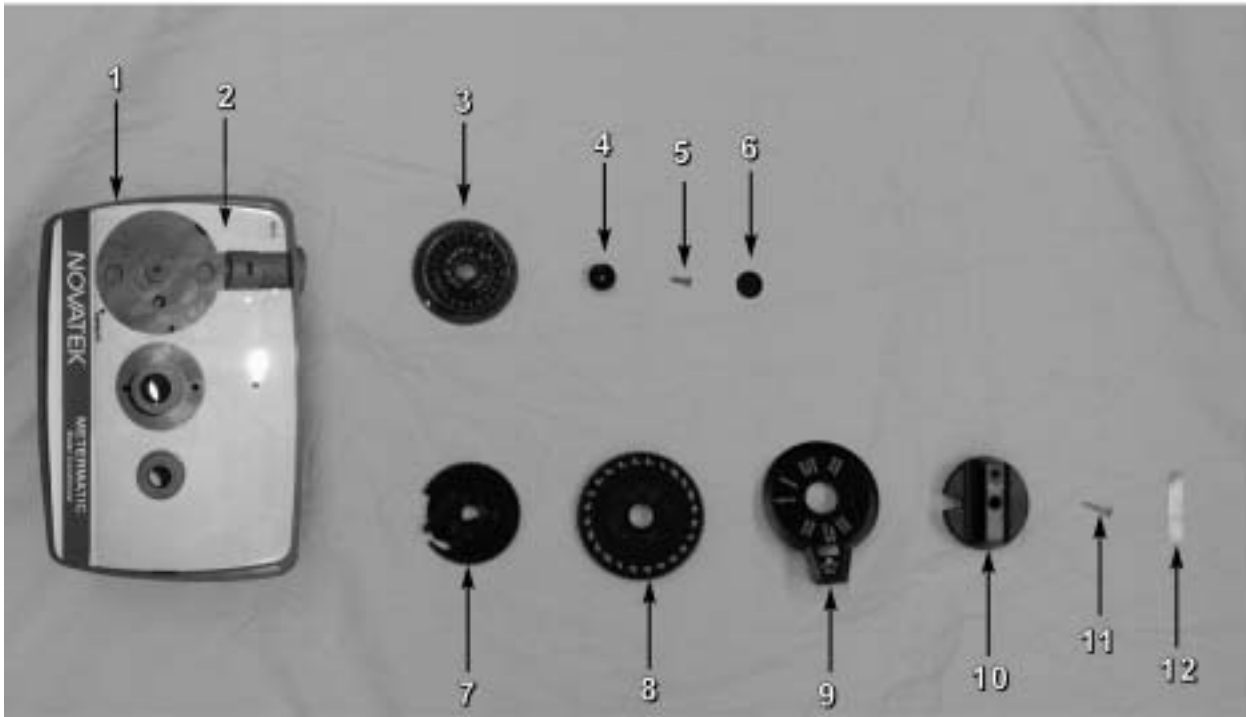
Item No.	Part No.	Description
3	16685	Clear Cover
7	48004	Brine Well Cap
10	60049	Bypass
11	60088-45	45 Degree Meter
12	19446	Back Cover

Unit 3954 includes a CPVC tank adapter - Part No. 81041  
 Distributor 60098 includes hub and laterals.

*Note: All USA units come standard with #60040SS - Stainless Steel Bypass.*

# Metermatic Twin Tank - 7500 Power Head

## FRONT

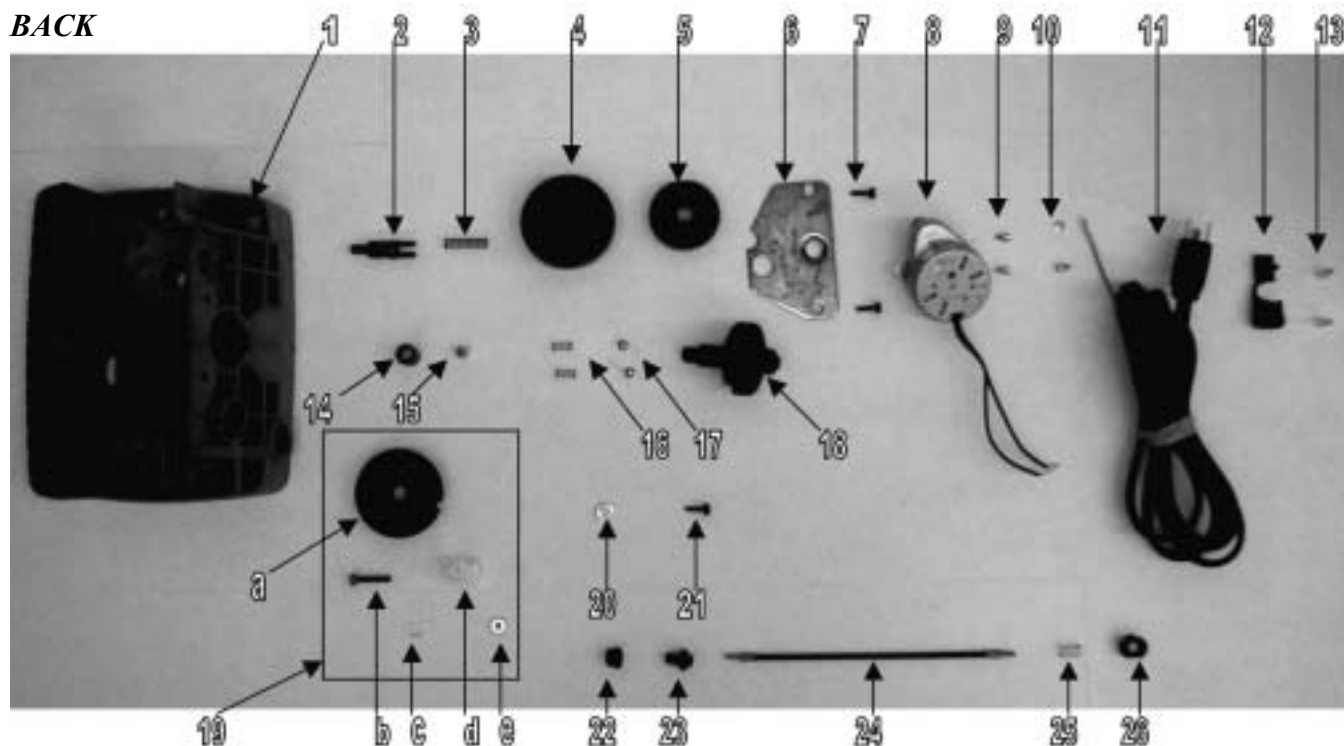


### 7500 Power Head - FRONT

Item No.	Qty	Part No.	Description
1	1	17055 - 02	Drive Housing / Receptacle
2	1	52114	Novatek Label
3	1	14039	Program Wheel Assembly
	1	13803	Program Drive Wheel Gear
	1	13885	Program Wheel Cover
	1	15956	Program Wheel Adjustment Disc
	1	13954	# of People Label
	1	15967	Gallons Label
	2	13898	Screws
4	1	13806	Program Wheel Retainer
5	1	13748	Screw
6	2	13953	Program Wheel Cover Label
7	1	13802	Cycle Actuator Gear
8	1	13973	24 Hour Gear Assembly
9	1	14176	Valve Position Dial
10	1	14177	Control Knob
11	1	15151	Screw
12	1	51543	Silver Label

# Metermatic Twin Tank - 7500 Power Head

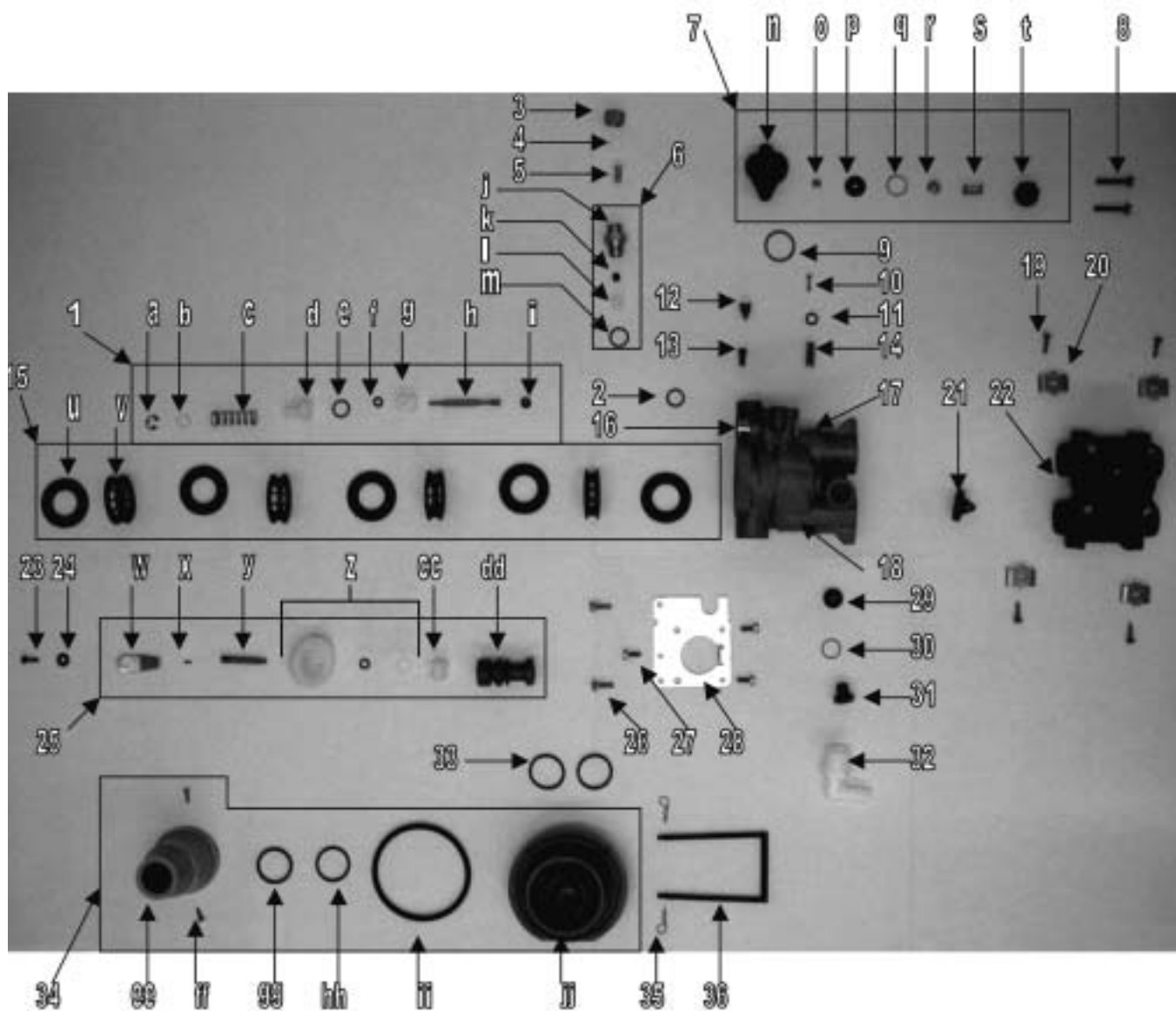
**BACK**



## 7500 Power Head - BACK

Item No.	Qty	Part No.	Description	Item No.	Qty	Part No.	Description
1	1	17055-02	Drive Housing / Receptacle	16	2	14457	Springs
2	1	13018	Idler Pinion	17	2	13300	1/4" Ball
3	1	13312	Spring	18	1	13170	Main Gear & Shaft
4	1	13017	Idler Gear	19	1	19430	7500 Brine Cam Assembly
5	1	13164	Drive Gear	a	1	16667	Brine Valve Cam
6	1	13175	Motor Mounting Plate	b	1	11081	Hex Nut
7	2	13296	Mounting Screws	c	1	16672	Timed Refill Label
8	1	18743-1	Drive Motor, 120 V	d	1	16671	Timed Refill Cam
9	3	11384	Screws	e	1	17114	Screw
10	1	29702	Lock Washer	20	1	12037	Plain Washer
11	1	11842	Power Cord	21	1	13296	Screw
12	1	13547	Strain Relief	22	1	16666	Program Wheel Pinion
13	2	11673	Connectors	23	1	13831	Drive Pinion Clutch
14	1	17213	Receptacle Retainer	24	1	17737	Meter Cable
15	1	17214	Receptacle	25	1	14276	Meter Clutch Sprint
				26	1	14253	Clutch Spring Retainer

# Metermatic Twin Tank - 7500 Control Valve



# Metermatic Twin Tank - 7500 Control Valve

Item No.	Qty Req'd	Part No.	Description	Item No.	Qty Req'd	Part No.	Description
<b>1</b>	<b>1</b>	<b>19429</b>	<b>Brine Valve Assembly</b>	16	1	12128	BLFC Label, 0.25 GPM
a	1	11981-01	Retaining Ring	17	1	16928	Valve Body
b	1	16098	Brine Washer, Nylon	18	1	13333	Injector Label
c	1	11973	Brine Valve Spring	19	2	13314	Screws
d	1	13165	Brine Valve Cap	20	4	13255	Mounting Clip
e	1	13302	O-Ring	21	1	14613	Flow Straightener
f	1	12550	Quad Ring	22	1	60088-45	45 Degree Meter
g	1	13167	Brine Valve Spacer	23	1	13296	Screw
h	1	16670	Brine Valve Stem	24	1	13363	Plain Washer
i	1	12626	Brine Valve Seat	<b>25</b>	<b>1</b>	<b>19434</b>	<b>Piston Assembly</b>
2	1	13302	O-Ring	w	1	16660	Drive Link
3	1	10329	3/8" Brass Nut	x	1	13306	Roll Pin
4	1	10330	Delrin Sleeve	y	1	17730	Piston Rod
5	1	10332	Brass Insert	z	1	13446	End Plug Assembly
<b>6</b>	<b>1</b>	<b>19402</b>	<b>Control .25 Refill</b>	cc	1	14309	Piston Rod Retainer
j	1	13244	BLFC Adapter	dd	1	15701	Upflow Piston
k	1	12094	0.25 GPM Flow Washer	26	2	12473	Screws
l	1	13245	BLFC Button Retainer	27	3	12112	Screws
m	1	12977	O-Ring	28	1	16561	End Plug Retainer
<b>7</b>	<b>1</b>	<b>19475</b>	<b>Regulator Cap Assembly</b>	29	1	12086	1.50 GPM Flow Washer
n	1	15449	Regulator Body		1	12087	2.00 GPM Flow Washer
o	1	14846	Pressure Reg Washer	30	1	15348	O-Ring
p	1	14847	Regulator Diaphragm	31	1	13173	DLFC Button Retainer
q	1	14848	Slip Ring	32	1	12338	Hose Barb
r	1	23391	Seat	33	2	13304	O-Ring
s	1	14850	Regulator Spring	<b>34</b>	<b>1</b>	<b>19443</b>	<b>Tank Adapter "Softener"</b>
t	1	14851	Regulator Cap	ee	1	13700	Cone
8	2	13315	Screws	ff	2	13748	Screws
9	1	13303	O-Ring	gg	1	13030	Distributor Tube Retainer
10	1	23393	Regulator Poppet	hh	1	13304	O-Ring
11	1	13301	O-Ring	ii	1	12281	O-Ring
12	1	10913-00	Violet Injector Nozzle	jj	1	16926-01	Adapter Base
	1	10913-1	White Injector Nozzle	35	2	14915	Cotter Pin
13	1	10914-00	Violet Injector Throat	36	1	16560	Retaining Pin
14	1	15548	Pressure Reg Screen				
<b>15</b>	<b>1</b>	<b>13976</b>	<b>Seal &amp; Spacer Assembly</b>				
u	5	13242	Main Seals				
v	4	14241	Spacers				