



REPLACEMENT PARTS MANUAL

FOR MODEL: **PWS 8-M (120VAC)**, **PWS 8-M (240VAC)** & **PWS 8-MST**

PART # 500000

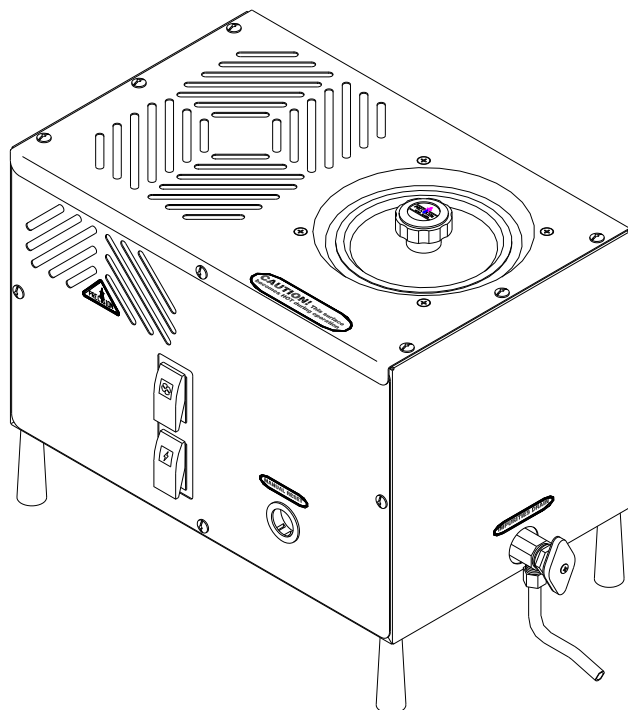
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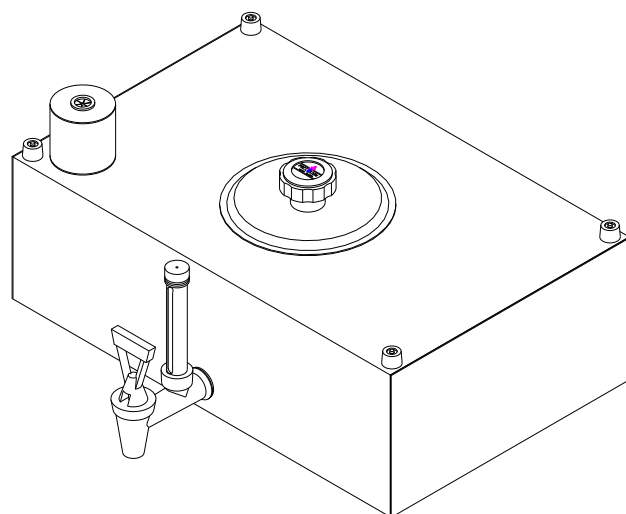
SERIES 0017

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MODEL: PWS 8-M



MODEL: PWS MST

PRECISION WATER SYSTEMS WATER DISTILLER

MANUFACTURED BY:

PRECISION DESIGN & MANUFACTURING INC.

9024-100TH STREET

WESTLOCK, ALBERTA, CANADA, T7P 2L4

email: info@precisioncanada.com

PHONE (780) 349-4933 FAX (780)349-4957

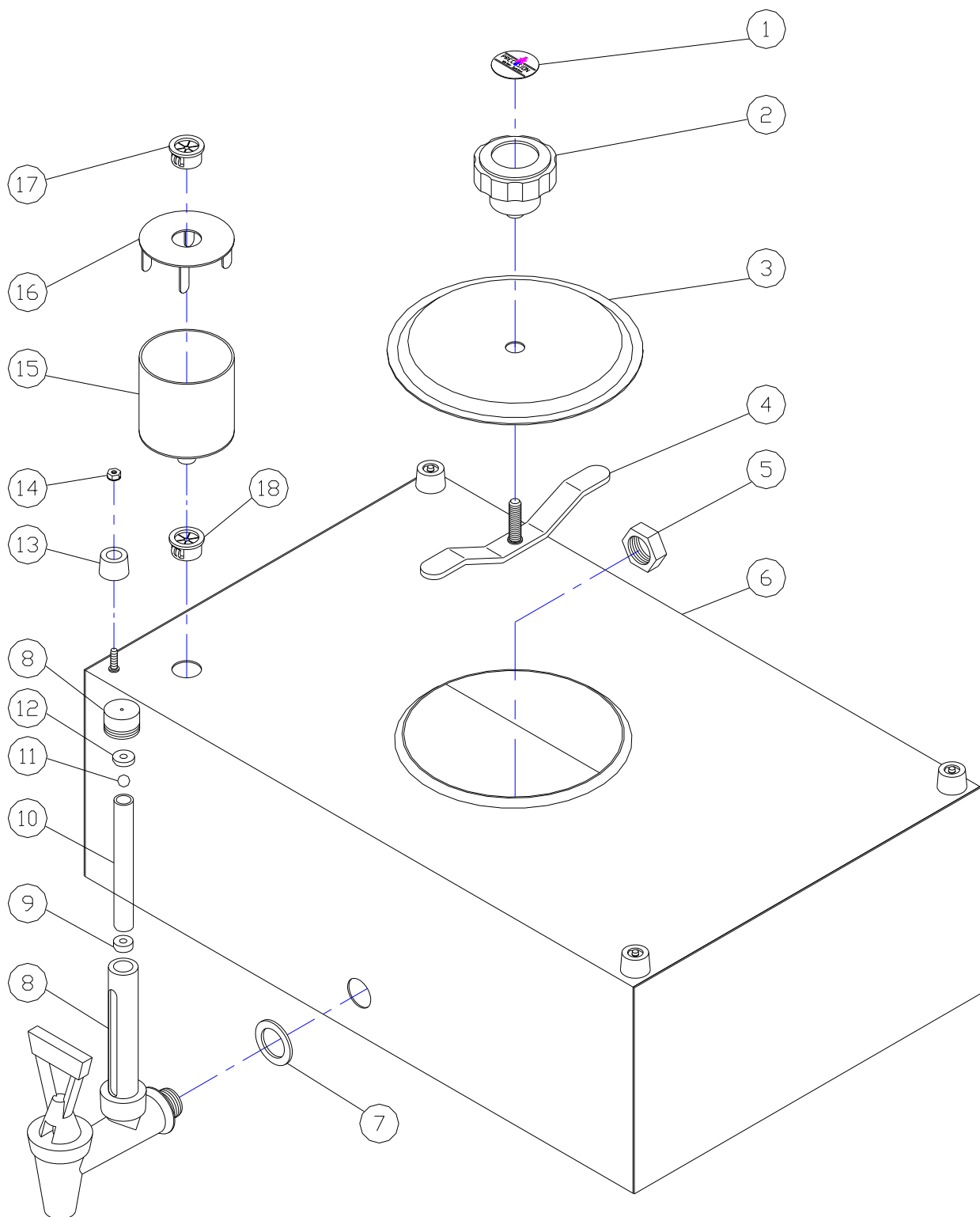
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094080, Exploded Parts List Holding Tank Assembly, MST

Item #	Part #	Description	Qty
1	080106	Inlay, Knob, PWS	1
2	080053	Knob, Black, Phenolic, 1/4"-20UNC	1
3	500119	Lid Disc, HT, SS, 5.5"	1
4	500115	Tee bar, Studded, 5.5".	1
5	080132	Nut, Jam, 3/8", Black	1
6	500429	Holding Tank WA, 8-MST, S14	1
7	080148	Gasket, Washer, 1/16", Silicone.	1
8	080078	Valve, H.T, 4", Sight Gauge, Without Tube	1
9	080448	Washer, Lower Shield, Valve 4",6",7.5"&13", HT	1
10	080449	Sight Gauge Tube, Acrylic, 4"	1
11	080217	Ball, Red, Level Indicator	1
12	080447	Washer, Upper Shield, Valve 4",6",7.5"&13", HT	1
13	054019	Foot, 5/8" Diameter X 7/16" High, Black	4
14	026002	Nut, Kep, Plated, #6-32UNC	4
15	500258	Filter Housing, WA, PWS 5-3	1
16	500260	Filter Cap WA, PWS 5-3	1
17	054005	Bushing, Wire Plastic, 5/8" Hole	2

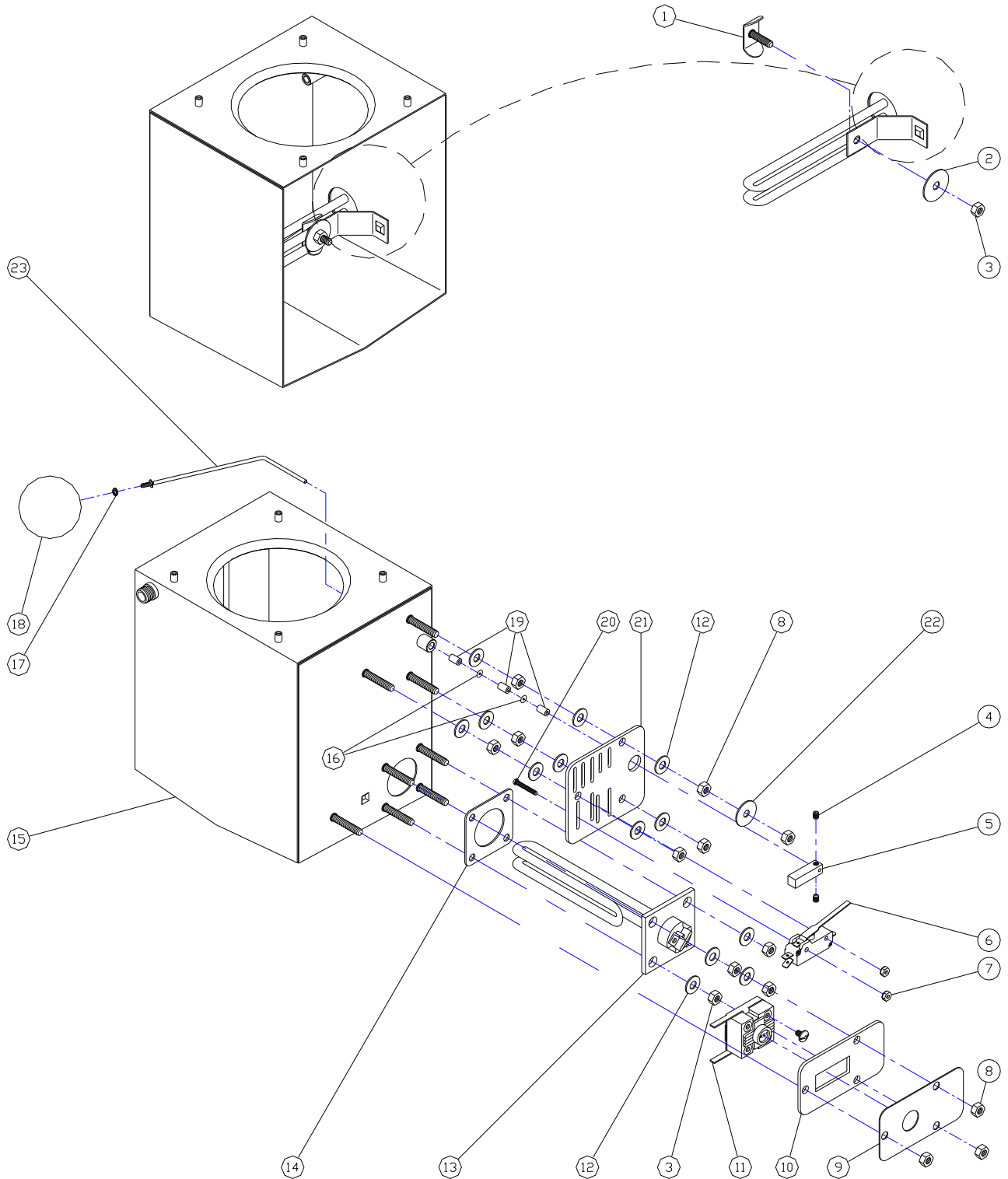
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094111, Exploded Parts List Boiler Assembly, 8GPD, Manual

Item #	Part #	Description	Qty
1	500182	Clip, Heater, Studded	1
2	018009	Washer, Flat, 5/16"ID x 1-1/4"OD, 18ga, SS	1
3	025000	Nut, Hex, SS, 1/4"-20UNC	5
4	016035	Set Screw, SS, #10-32UNC X .25", Cup Point	2
5	530333	Bar, Activator, Boiler Float #10-32UNC	1
6	060064	Micro Switch, Large	1
7	026002	Nut, Kep, Plated, #6-32UNC	2
8	025002	Nut, Hex, Plated, 1/4"-20UNC	10
9	500153	Cover, Reset, SS	1
10	500408	Plate Reset, 66-TM, Lexan	1
11	060104	Switch, Therm, Manual. Reset, DPST, RT	1
12	018004	Washer, Flat, SS, 5/16"ID x 11/16"OD, 20ga.	13
13	060001	Heating Element, 125V, 1100W	1
	060002	Heating Element, 230V, 1100W	1
14	500100	Gasket, Heater	1
15	500426	Boiler WA, 8GPD, Manual, S14	1
16	080128	O-Ring, Viton, 1/16" X 1/8" X 1/4"	2
17	020002	Washer, Lock, SS, M3.5, ext over locking tooth	1
18	080162	Float Ball, SS, 2.25" Round, #6-32UNC	1
19	080127	Bushing, Teflon, 1/4" X 1/8"	3
20	012002	Screw, Machine, Plated, #6-32UNCX1" Rnd/Skt	2
21	500266	Plate, Micro Switch, Lexan	1
22	018028	Washer, Flat, SS, 0.281"ID X 1"OD X 18ga.	1
23	500431	Rod WA, Boiler Float, 8-M	1

094111, Exploded Parts List Boiler Assembly, 8GPD, Manual



094079, Exploded Parts List

Distiller Body Assembly, 8GPD, Manual

Item #	Part #	Description	Qty
1	030013	Nut, Plated, 3/8" Compression	2
2	030012	Ferrule, Brass, 3/8" Compression	2
3	500140	Divider, 8GPD, Manual	1
4	018023	Washer, Flat, 5/8"ID x 1-1/2"OD, 20ga, SS	1
5	054004	Bushing, Snap, Plastic, 1-1/4" Hole	2
6	060030	Actuator, Grey, Amber-Fan	1
7	080134	Tool, Actuator Removal	1
8	060029	Actuator, Grey, Red-Power	1
9	060028	Switch Base, 120/240V, Dual Light	2
10	500443	Body, 8GPD, Manual, S14	1
11	018004	Washer, Flat, SS, 5/16"ID X 11/16"OD, 20ga.	4
12	054009	Leg, Plastic Taper, 2.5", 5/16" X 5/8"	4
13	016004	Rivet, Aluminum, 1/8" X 5/16"	8
14	052002	Tubing, PVC, 5/16" X 7/16"	1'
15	054002	Strain Relief, 7K-2	1
16	026001	Nut, Kep, Plated, #8-32UNC	2
17	500211	Post Filter Tube, WA	1
18	500198	Clip, Post Filter	1
19	500262	Filter Cap, WA, PWS 8-M, Post	1
20	500232	Power Cord Assembly, 16-3 NA, 8GPD	1
21	530344	Mount WA, Cooling Coil Compression	1
22	500395	Motor Assembly, 8-M, 120V	1
	500521	Motor Assembly, 8-M, 220V	2
23	080045	Fan Blade, 7", Aluminum	1
24	054011	Wire Tie, Plastic, 4"	Ref.
25	012000	Screw, Machine, Pltd, #10-24UNC X1", Rnd/Sk	1
26	026000	Nut, Kep, Plated, #10-24UNC	2
27	500263	Cooling Coil Assembly, PWS 8-M	1

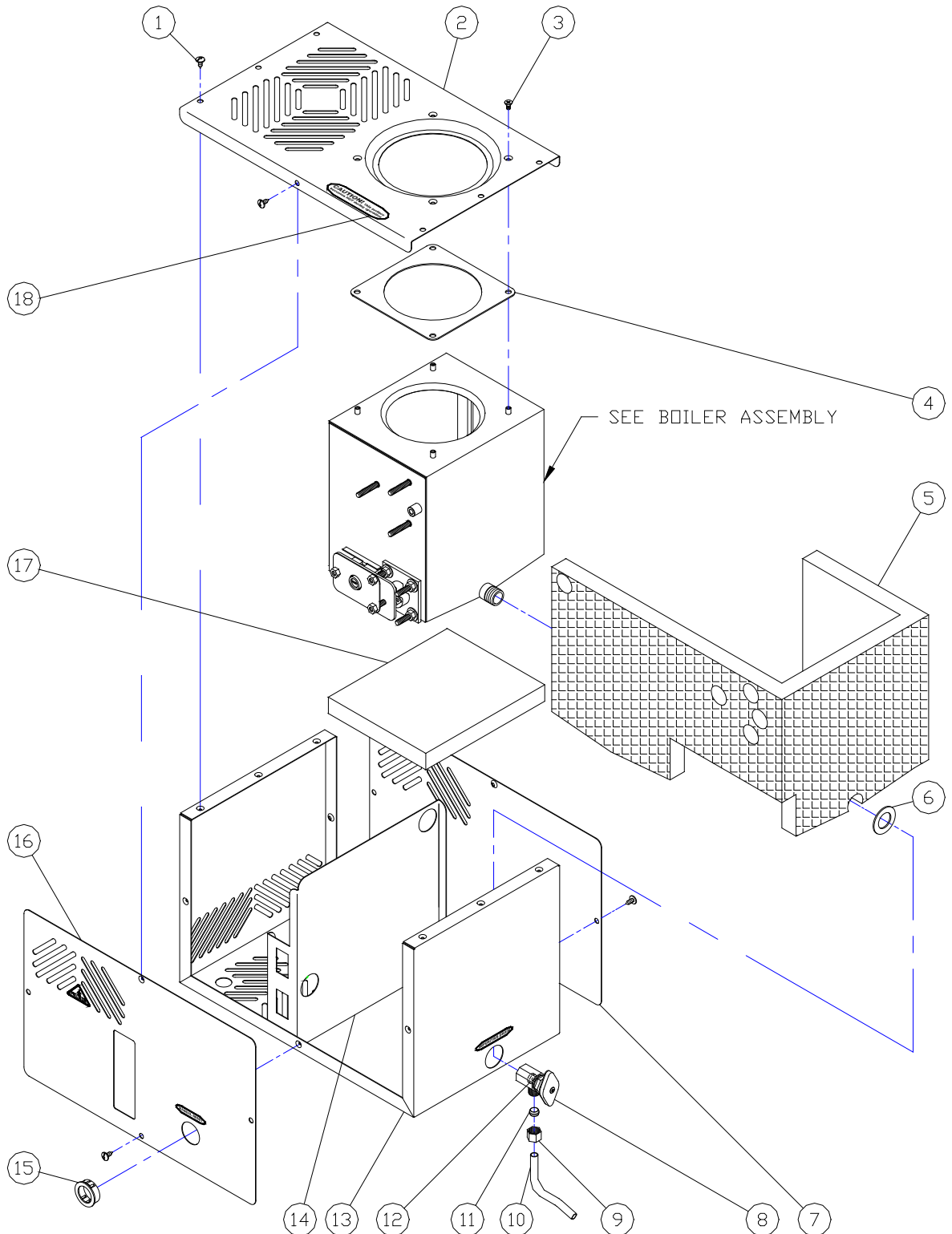
094078, Exploded Parts List

Distiller Head Assembly, 8GPD, Manual

Item #	Part #	Description	Qty
1	010000	Scw,SM,SS,10-12x1/2"TRSHD/SSDR	14
2	500444	Cover, Top, PWS 8-M, S14	1
3	012008	Scw,Mach,SS,10-24x3/8",Oval/Ph	4
4	500111	Gasket,Lid,PWS	1
5	500437	Insulation, 8Man S14, Sides	1
6	018002	Washer, Flat, 7/8"ID x 1-1/2"OD, 20ga., ALUM	1
7	500446	Cover, Rear, PWS 8-M, S14	1
8	400000	Valve,Drain,BT,1/2FPTx3/8"	1
9	030013	Nut, Compression, 3/8" Plated	1
10	500212	Tube, Manual Drain	1
11	030012	Ferrule, Brass, 3/8" Compression	1
12	080065	Washer, Impurities Drain	1
13	500443	Body, 8 GPD Manual, S14	1
14	500140	Divider,8 GPD, Manual	1
15	054004	Bushing,Snap,Plastic, 1-1/4"Hole	1
16	500445	Cover, Front, PWS, 8-M, S14	1
17	500438	Insulation, 8Man S14, Bottom	1
18	080120	Decal, Sht, PWS, Distillers	0.25

094078, Exploded Parts List

Distiller Head Assembly, 8GPD, Manual



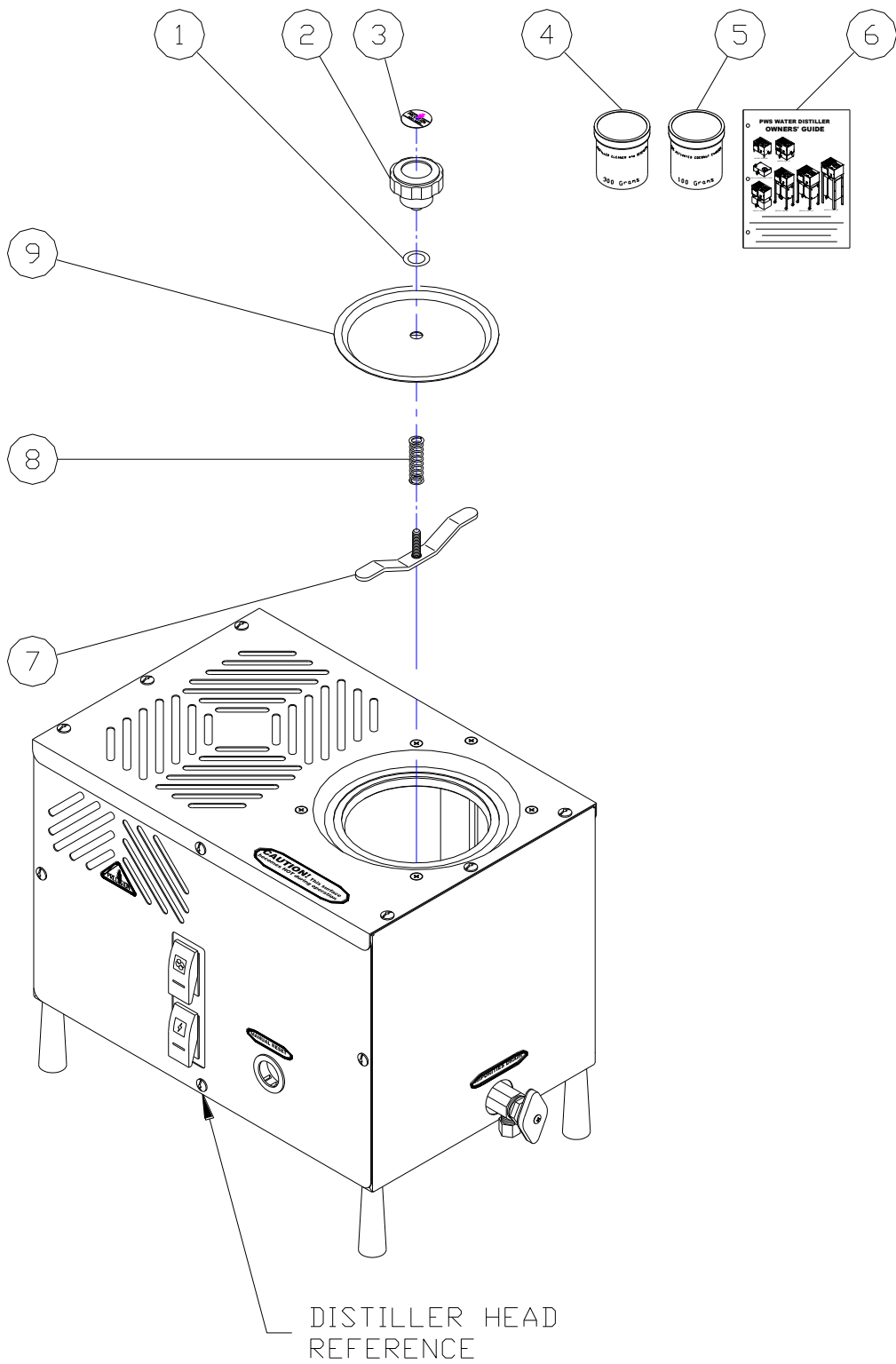
094123, Exploded Parts List

Boiling Tank & Holding Tank Lids Assemblies, 8-M

Item #	Part #	Description	Qty
1	080064	O-ring, Lid Knob, Buna 112	1
2	080053	Knob, Blk, Phenolic, 1/4-20UNC	1
3	080106	Inlay, Knob, PWS	1
4	080115	Descaler, Sample, 300 Gram Jar	Ref.
5	080116	Charcoal, Sample, 100 Gram Jar	Ref.
6	097126	Owners Guide, PWS Distiller Manual, S14	1
7	500115	Tee Bar, Studded, 5.5"	1
8	080058	Spring, B.T. Lid, SS	1
9	500118	Lid Disc, BT, SS, 5.5"	1

094123, Exploded Parts List

Boiling Tank Lid Assembly, 8GPD, Manual



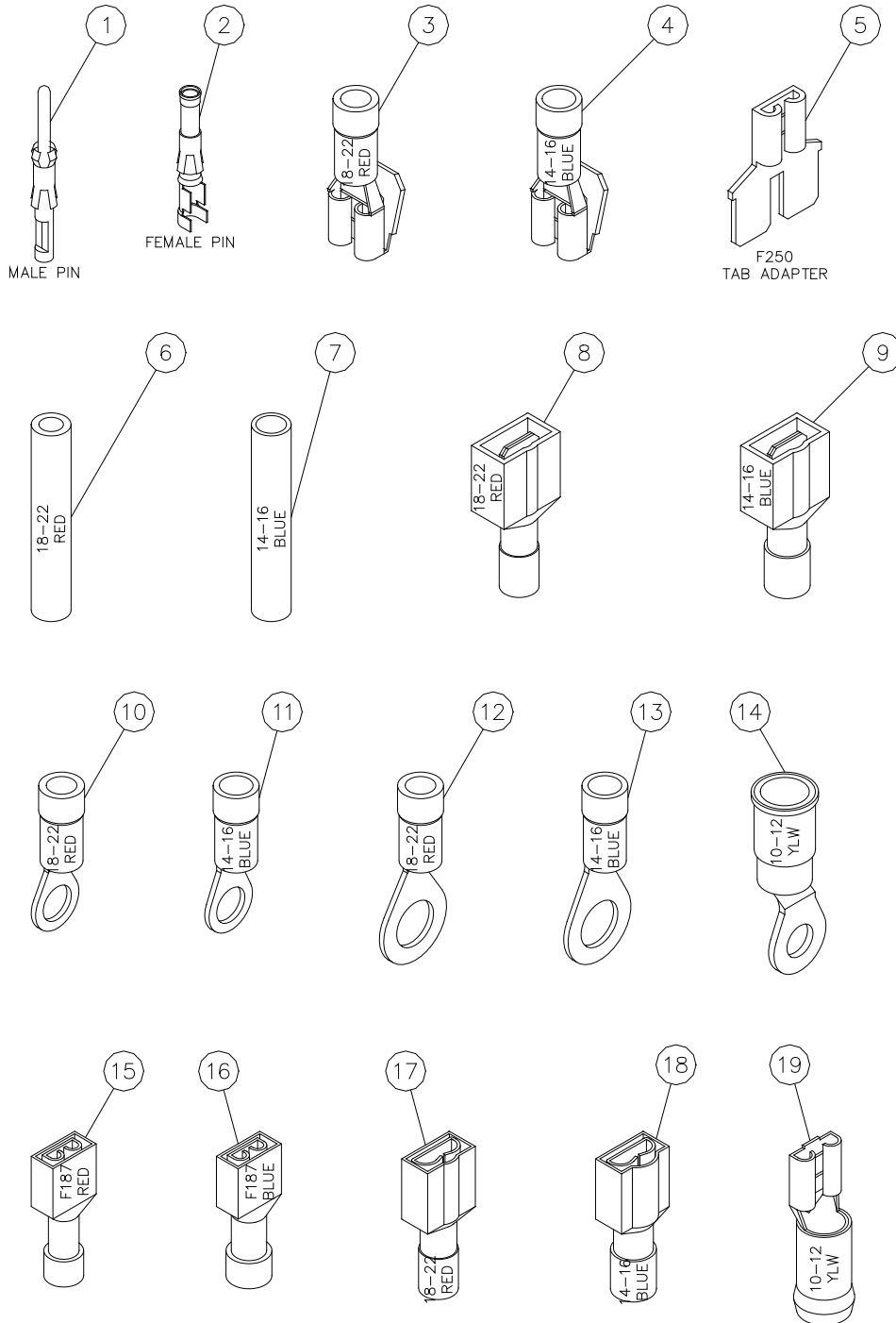
BOILING TANK LID ASSEMBLY
(PART # 500184)

094109, Exploded Parts List Electrical Terminals

Item #	Part #	Description
1	060016	Pin, Male, Circular
2	060017	Pin, Female, Circular
3	066014	Receptacle,Pigg,F250m18-22,Red
4	066004	Receptacle,Pigg,F250,14-16AWG,Blue
5	066013	Tab Adapter, F250
6	066006	Butt Splice,18-22AWG,Red
7	066005	Butt Splice,14-16AWG,Blue
8	066012	Tab,250,18-22AWG,Red
9	066011	Tab,250,14-16AWG,Blue
10	066008	Ring,#10,18-22AWG,Red, AMP
11	066007	Ring,#10,14-16AWG,Blue
12	066010	Ring,1/4",18-22AWG,Red
13	066009	Ring,1/4",14-16AWG,Blue
14	066016	Ring,#10,10-12 AWG,Yellow
15	066003	Receptacle,F187,18-22AWG,Red
16	066001	Receptacle,F187,14-16AWG,Blue
17	066002	Receptacle,F250,18-22AWG,Red
18	066000	Receptacle,F250,14-16AWG,Blue
19	066015	Receptacle,F250,10-12 AWG,Yellow

094109, Exploded Parts List

Electrical Terminals



Wiring List (8GPD Manual) Part # 500246-							
No.	Part#	Color	Ga	Length	From Conn.	Series 17 ToConn.	To Location
1	500287	GRN	16	3"	#10RING#14-#16	POWER CORD	GROUND
2	500287	BLK	16	14"	F250 #14-#16	POWER CORD	POWER SWITCH #2
3	500287	WHT	16	16"	#10RING#14-#16	POWER CORD	RESET SWITCH #2
4	500395	BLK	18	8"	F250#18-#22	FAN MOTOR	FAN SWITCH #2
5	500395	BLK	18	12"	#10RING#18-#22	FAN MOTOR	RESET SWITCH #4
6	095103	BLK	16	9"	F250 #14-#16	#10 RING #14-#16	MICROSWITCH "NC"
7	095024	YLW	16	6"	#10RING#14-#16	#10 RING #14-#16	RESET SWITCH #3
8	095025	WHT	16	12"	F250 #14-#16	#10 RING #14-#16	FAN SWITCH #3
9	095104	RED	16	7"	F250 #14-#16	#10 RING #14-#16	MICROSWITCH "COM"
10	095027	ORG	16	9"	F250 #14-#16	#10 RING #14-#16	POWER SWITCH #3
11	095028	GRN	16	9"	F250 #14-#16	#10 RING #14-#16	POWER SWITCH #8
12	095029	BRN	16	9"	F250 #14-#16	#10 RING #14-#16	FAN SWITCH #6
13	095010	WHT	16	3"	PIGG #14-#16	F250#14-#16	FAN SWITCH #2
14	095010	WHT	16	3"	PIGG #14-#16	F250#14-#16	POWER SWITCH #3
15	095031	BRN	16	13"	F250 #14-#16	#10 RING #14-#16	POWER SWITCH #7
16	095032	BLU	16	10"	#10RING#14-#16	F250 #14-#16	RESET SWITCH #3

500246, Exploded Parts List

Wiring Diagram, 8GPD, Manual

