

LIFEMIST

WATER DISTILLER

REPLACEMENT PARTS MANUAL AND WIRING SCHEMATIC

FOR MODEL: LM MiniMist 3

PART # 530004

SERIES 0015

VOLTAGE: 120VAC

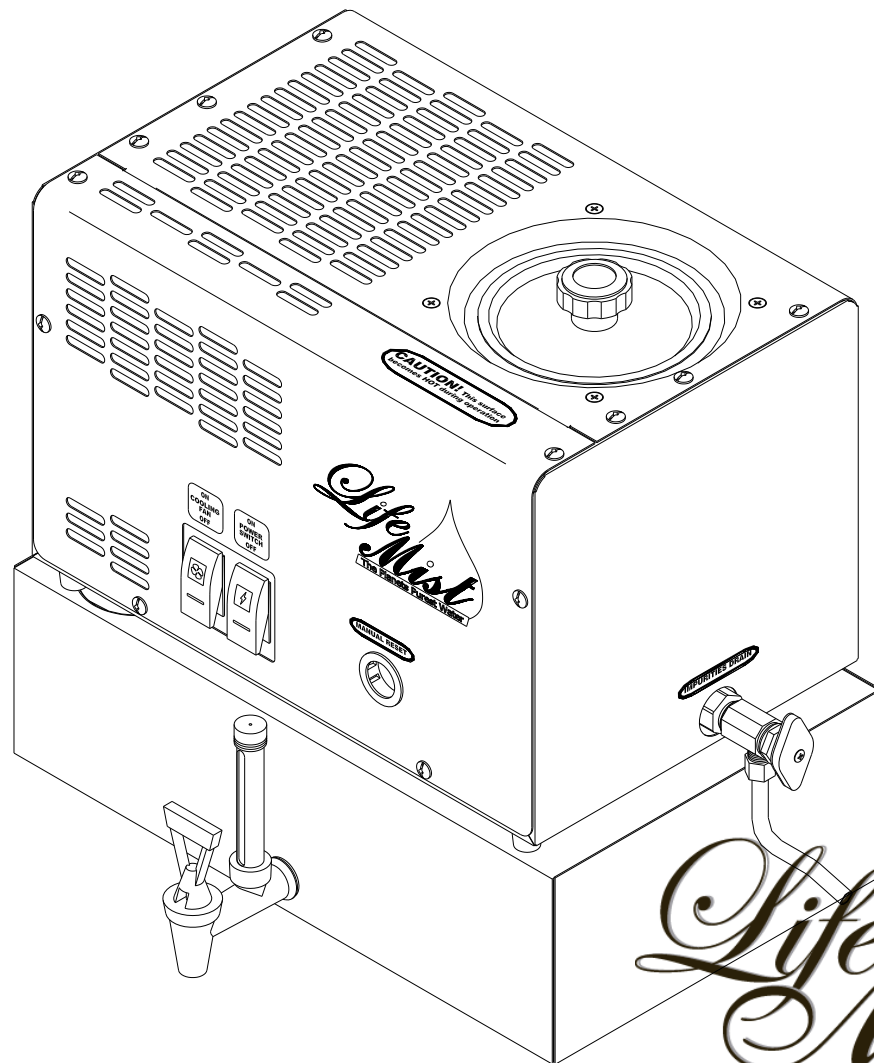


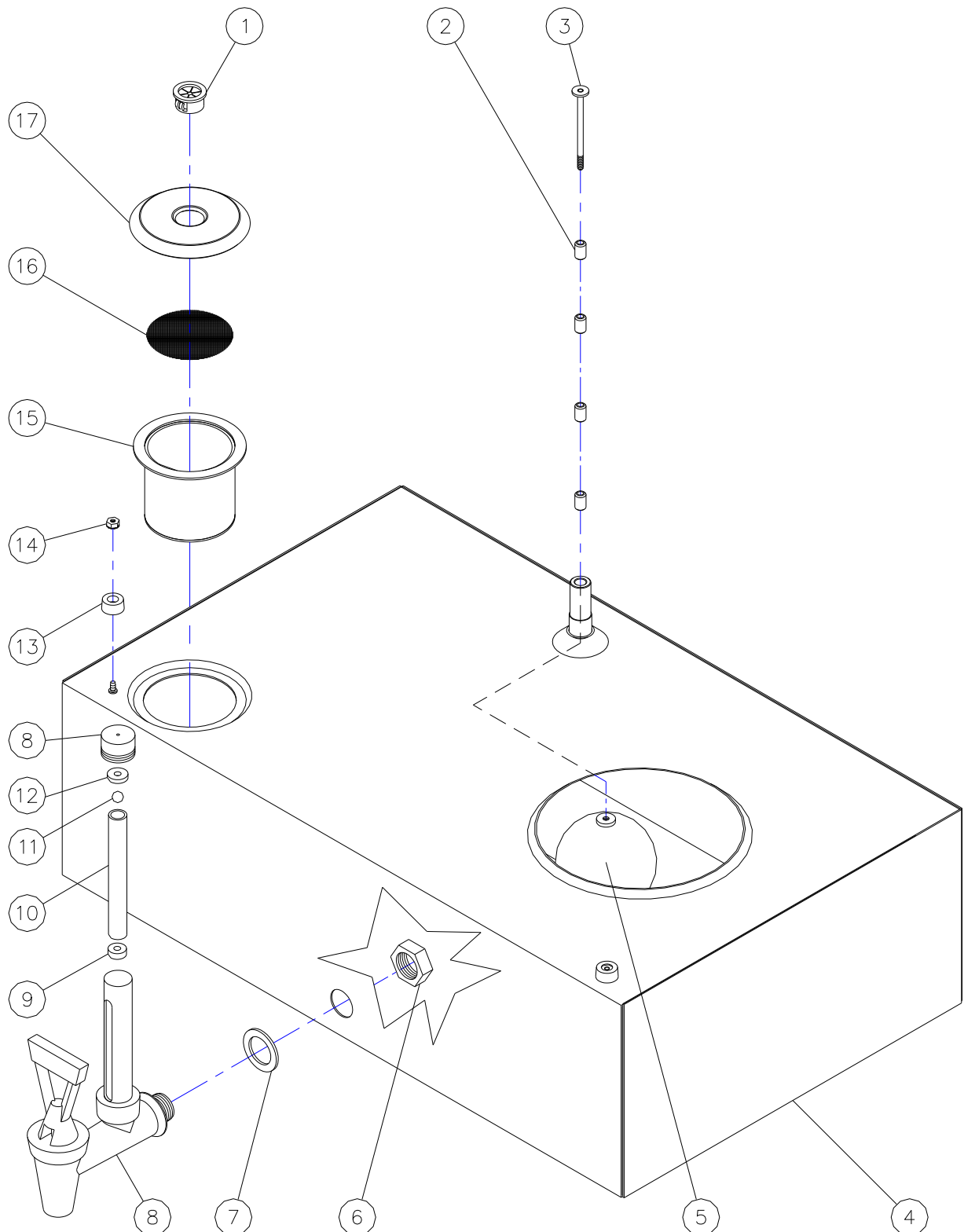
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094181, Exploded Parts List Holding Tank Assembly, MniMist 3

Item #	Part #	Description	Qty
1	054005	Bushing, Wire, 5/8"	1
2	080127	Bushing, Teflon, 1/4" X 1/8"	4
3	500353	Float Rod WA, Holding Tank, 5-3	1
4	500481	Holding Tank WA, 5-3, S15	1
5	080162	Float Ball, SS, 2-1/4" Round, #6-32	1
6	080132	Nut, Jam, 3/8", Black	1
7	080148	Gasket, Washer, 1/16", Silicone	1
8	080078	Valve, Holding Tank, 4" (includes nut & washer)	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	054016	Foot, 1/2" X 1/4", Rubber, Black	2
14	026003	Nut, kep, Plated, #4-40	2
15	530345	Charcoal Drop-in Filter, WA	1
16	530349	Charcoal Drop-in Filter, Screen, 1.92DIG, 32WPI	1
17	500476	Washer, HT, 2.75" X 0.625", EAU	1

094982, Exploded Parts List

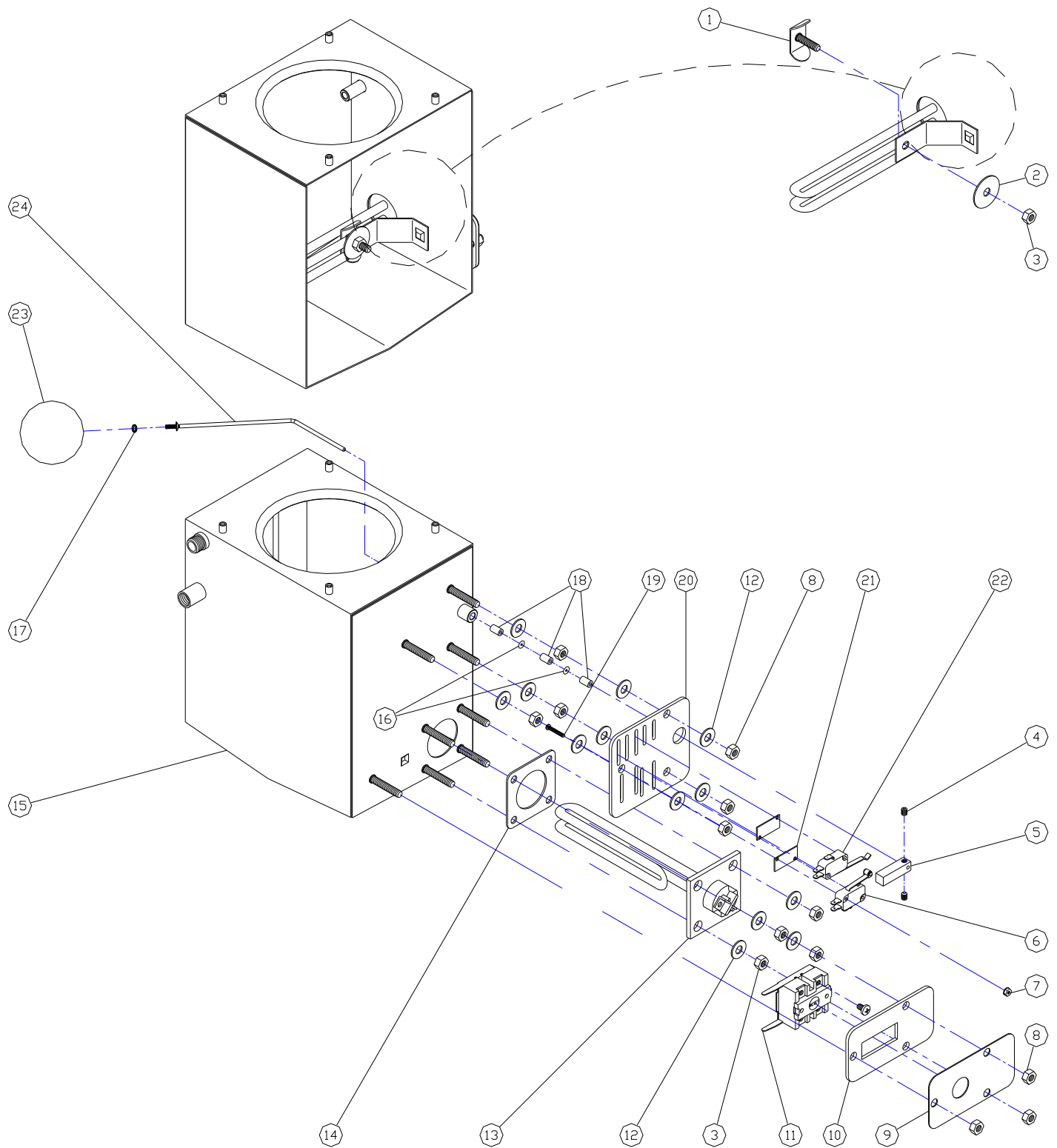


Holding Tank Assembly, MiniMist 3

094182, Exploded Parts List Boiler Assembly, 5GPD Automatic

Item #	Part #	Description	Qty
1	500182	Clip, Heater, Studded	1
2	018009	Washer, 5/16" x 1-1/4" x 18ga SS	1
3	025000	Nut, Hex, 1/4" SS	5
4	016035	Set Screw, SS, #10-32 x .25", Cup Pt.	2
5	530333	Bar Actuator, Boiler Float	1
6	060058	Microswitch, Short Roller Arm	1
7	026003	Nut, Kep, #4-40	4
8	025002	Nut, Hex, 1/4" Plated.	9
9	500153	Cover, Reset, SS	1
10	500408	Plate, Reset Switch, 66TM, Lexan	1
11	060104	Switch, Thermo, Manual Reset, DPST, RT	1
12	018004	Washer, 5/16" x 11/16" x 20ga SS	13
13	060089	Heating Element, 125V, 800W	1
	060034	Heating Element, 220V, 800W	1
14	500100	Gasket, Heater	1
15	500340	Boiler WA, 5GPD Auto	1
16	080128	O-Ring, 1/16" x 1/8" x 1/4"	2
17	020002	Washer, Lock, SS, M3.5, External Tooth	1
18	080127	Bushing, Teflon, 1/4" X 1/8"	3
19	012003	Screw, Machine, Pltd, #4-40 x 3/4"	4
20	500266	Plate, Microswitch	1
21	500289	Shim, Micro Switch	1
22	060059	Microswitch, Long Arm, Formed	1
23	080162	Float Ball, SS, 2-1/4" Round, #6-32	1
24	500398	Rod WA, Boiler Float, Auto	1

094182, Exploded Parts List Boiler Assembly, 5GPD Automatic



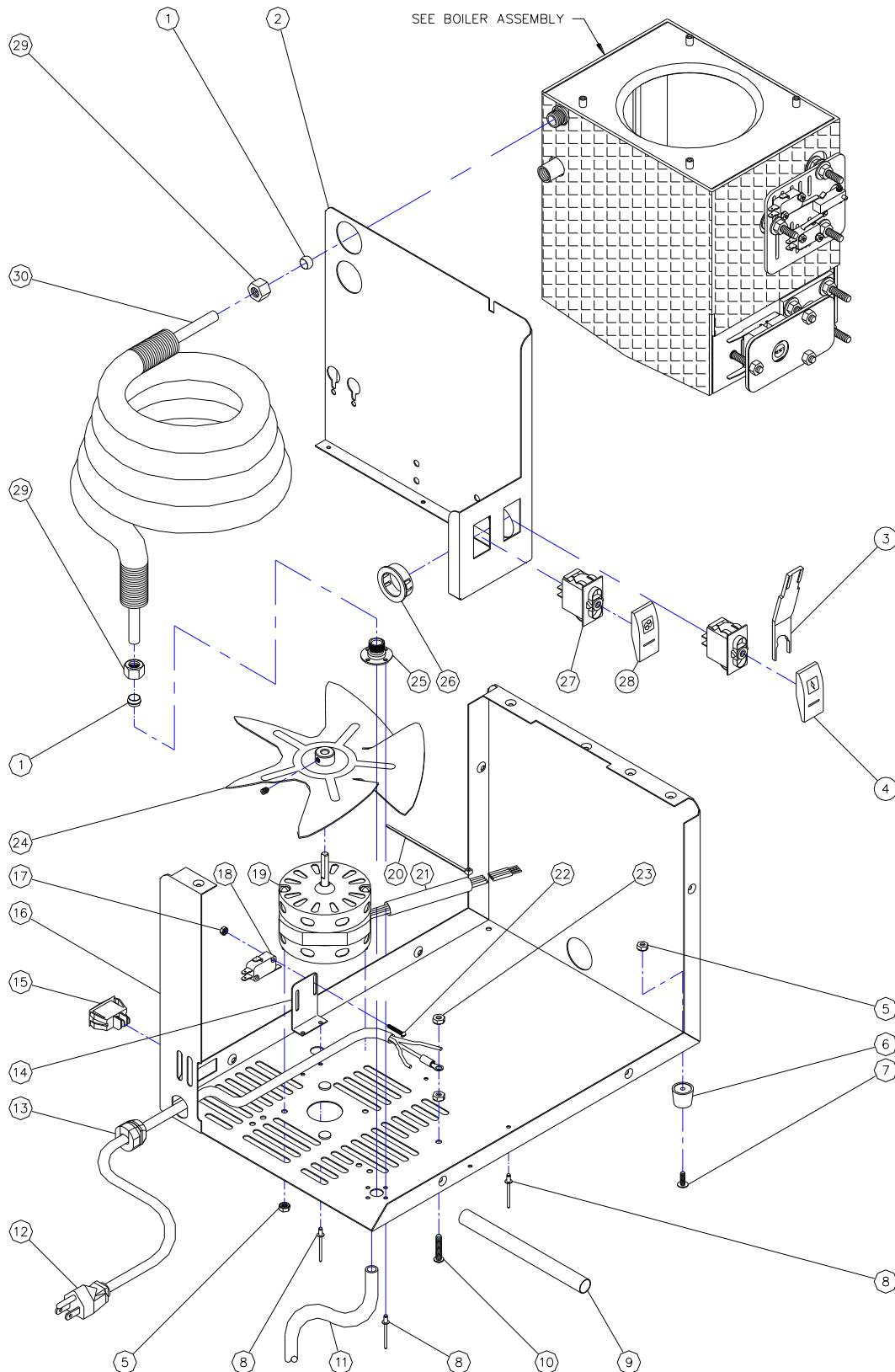
09183, Exploded Parts List

Distiller Body Assembly, PWS, 5GPD Automatic

Item #	Part #	Description	Qty
1	030012	Ferrule, 3/8"	2
2	500335	Divider, 5-3, Automatic	1
3	080134	Tool, Actuator Removal	Ref.
4	060073	Actuator, Black, Red-Power	1
5	026001	Nut, Kep, Plated, #8-32	6
6	500194	Leg, Plastic, 3/4" O.D. X 5/8" High, Drilled	4
7	012029	Screw, Machine, SS, #8-32 X 1/2", TRS HD/SKT DR	4
8	016004	Rivet, Aluminum, 1/8" x 5/16"	10
9	080108	Sleeve, Fiberglass, 1/2"	0.5'
10	012000	Screw, Machine, Plated, #10-24 x 1"	1
11	052002	Tubing, PVC, 5/16" X 7/16"	2'
12	500295	Power Cord, 5-3, 120V	1
	500181	Power Cord, 5-3, 220V	1
13	054002	Strain Relief, 7K-2	1
14	500344	Plate, Microswitch, SS	1
15	060057	Switch, VISI, SPST, Black, RA911	1
16	500471	Body, Series 15	1
17	026003	Nut, Kep, #4-40	2
18	400006	Microswitch, Short Arm	1
19	500350	Motor Assembly, 120V, 5GPD, Auto	1
20	054011	Wire Tie, Plastic, 4"	Ref.
21	080108	Sleeve, Fiberglass, 1/2"	0.271'
22	012003	Screw, Machine, Plated, #4-40 X 3/4"	2
23	026000	Nut, Kep, Plated, #10-24	2
24	080045	Fan Blade, 7"	1
25	530344	Mount WA, Condenser Coil Compression	1
26	054004	Bushing, Snap, 1-1/4"	1
27	060028	Switch Base, 120/240V SPST	2
28	060074	Actuator, Black, Amber-Fan	1
29	030013	Nut, Plated, 3/8" Compression	2
30	500477	Cooling Coil Assembly, Series 15	1

094183, Exploded Parts List

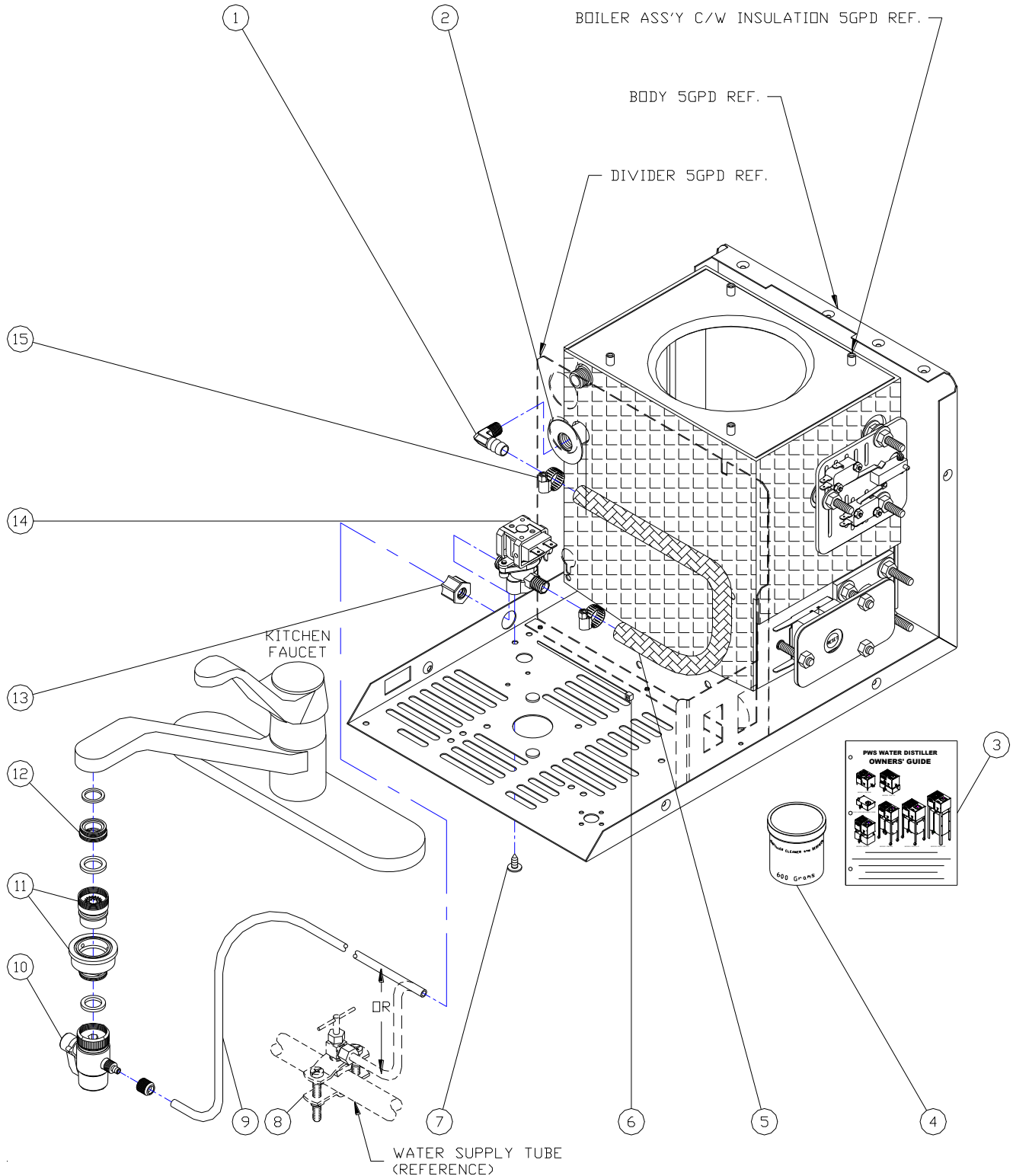
Distiller Body Assembly, PWS, 5GPD Automatic



094184, Exploded Parts List 5GPD Solenoid Valve Assembly

Item #	Part #	Description	Qty
1	030003	Elbow, 90 Degree, 1/8"MPT X 3/8"HB	1
2	018023	Washer, Flat, 5/8" X 1-1/2" X 20ga, SS	1
3	097067	Owners Guide, PWS 5-3 Distiller	1
4	500102	Descaler, PWS, 600g Jar Of	Ref.
	500103	Descaler, PWS, 1.6Kg Jar Of	Ref.
5	052004	Tubing, 3/8" X 0.6" Braided	1.625'
6	054011	Wire Tie, Plastic, 4"	Ref.
7	010000	Screw, Sheet Metal, #10-12 X 1/2", SS	2
8	036005	Valve, Self Piercing Kit	1
9	052000	Tubing, 1/4" Feed-line	16'
10	036010	Valve, Diverter, Faucet, 1/4"	1
11	036011	Connector, Faucet, Snap, 2 Pieces	1
12	036012	Faucet Adapter Kit, Brass, 4 Pieces	1
13	034105	Nut, 1/4" Compression, Poly Tube	1
14	060147	Valve, Solenoid, 1/4" Compression BE, 120VAC, ASCO	1
	060147	Valve, Solenoid, 1/4" Compression BE, 240VAC, ASCO	1
15	080056	Gear Clamp, SS, 1/4"	2

094184, Exploded Parts List 5GPD Solenoid Valve Assembly

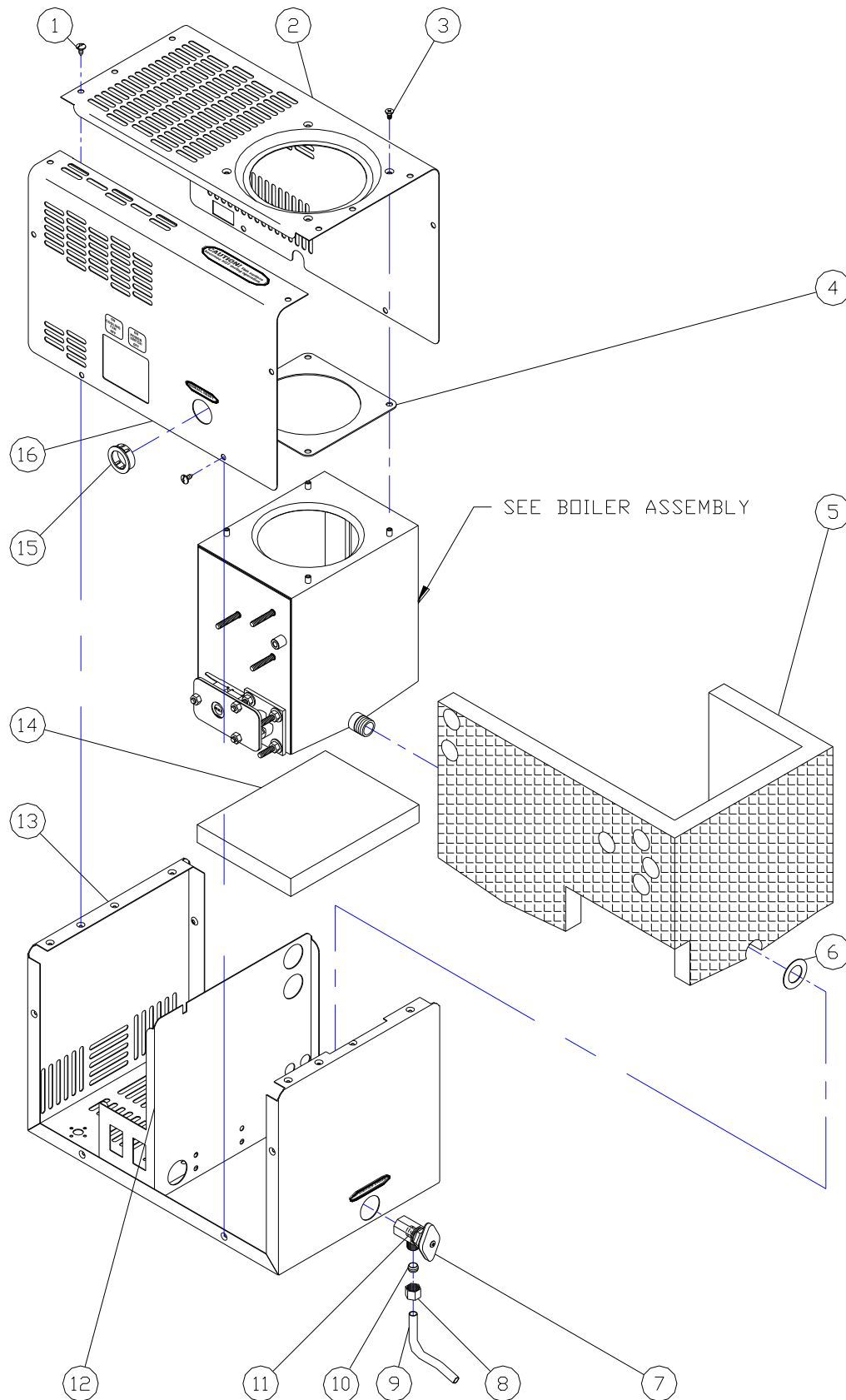


094185, Exploded Parts List

Distiller Head Assembly, PWS, 5GPD Automatic

Item #	Part #	Description	Qty
1	010000	Screw, Sheet Metal, #10-12 X ½", SS	16
2	530352	Cover, Rear, 5-3, LiftMist	1
3	012008	Screw, Mach, #10-24 X 3/8", Oval Head	4
4	500111	Gasket, Lid	1
5	500348	Insulation, 5-3, Boiler Sides	1
6	018002	Washer, Flat, 7/8" X 1-1/2" X 20ga, SS	1
7	400000	Drain Valve, Impurities	1
8	036013	Nut, Compression, 3/8" Plated	1
9	500212	Tube, Manual Drain	1
10	030012	Ferrule, 3/8"	1
11	080065	Washer, Impurities Drain Valve	1
12	500335	Divider, 5-3, Auto	1
13	500471	Body, Series 16	1
14	500215	Insulation, 8GPD Manual Boiler Bottom	1
15	054004	Bushing, Snap, 1.25"	1
16	530351	Cover, Front, LiftMist	1

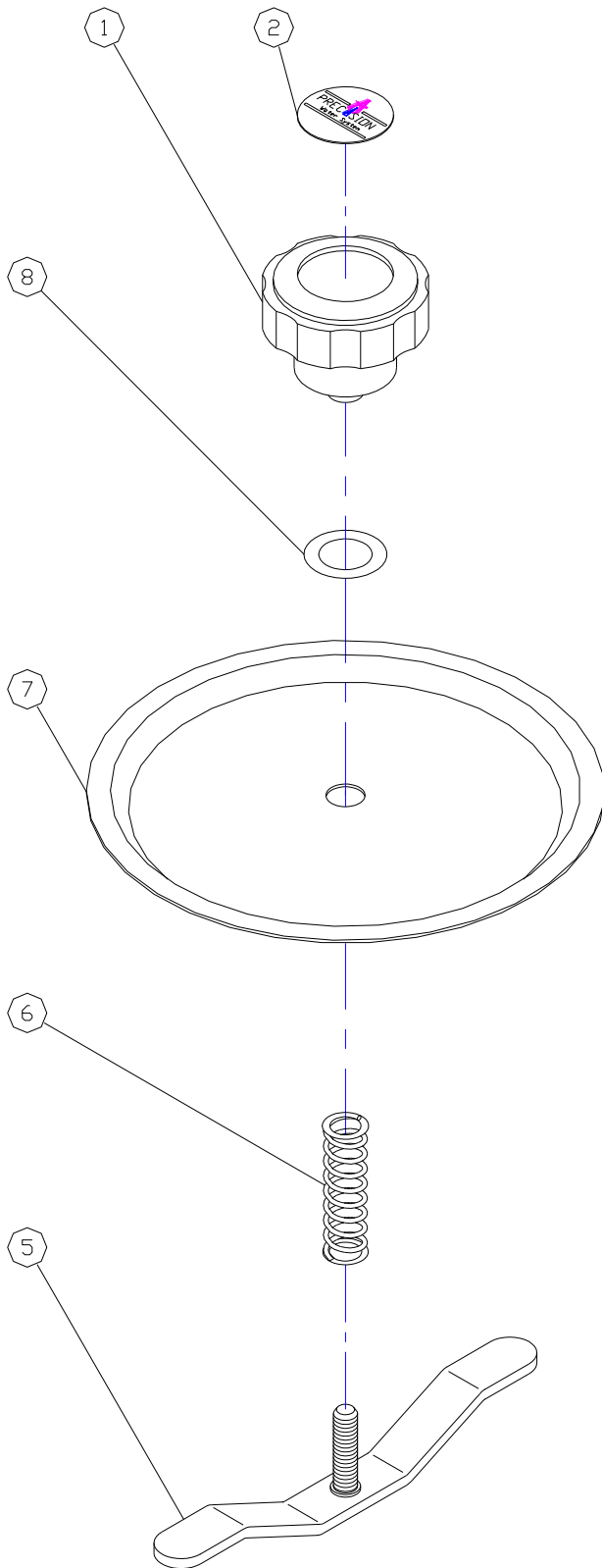
094185, Exploded Parts List Distiller Head Assembly, PWS, 5GPD Automatic



094186, Exploded Parts List
Boiling Tank & Holding Tank Lids Assemblies, PWS, 5-3

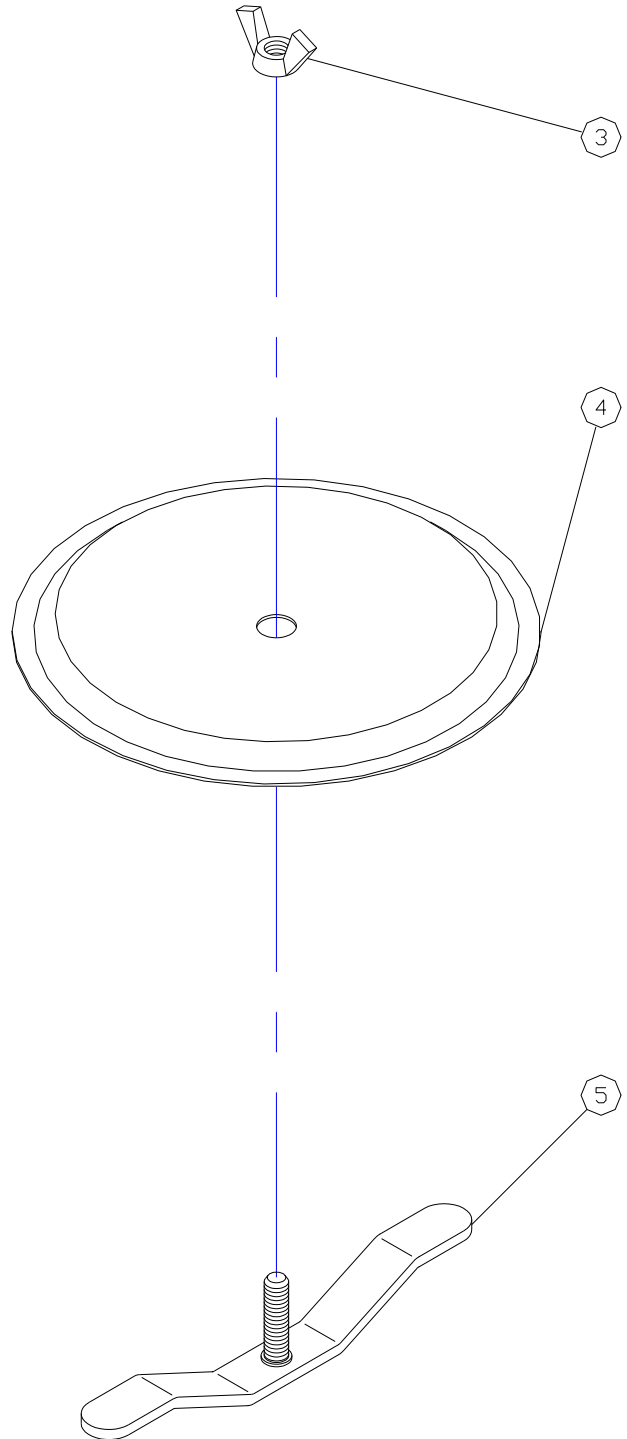
<u>Item #</u>	<u>Part #</u>	<u>Description</u>	<u>Qty</u>
1	080053	Knob, Black Phenolic, 1/4-20	1
2	080106	Inlay, Knob, PWS	1
3	028002	Nut, Wing, 1/4", SS	1
4	500119	Lid, H/T, Disc, SS, 5.5"	1
5	500115	Tee Bar, Studded, 5.5"	2
6	080058	Spring, BT, Lid, SS	1
7	500118	Lid, B/T, Disc, SS, 5/5"	1
8	080064	O-Ring, Lid Knob, Buna 112	1

094186, Exploded Parts List



BOILING TANK
LID ASSEMBLY, PWS

18/09/2014
LM MiniMist 3-S15



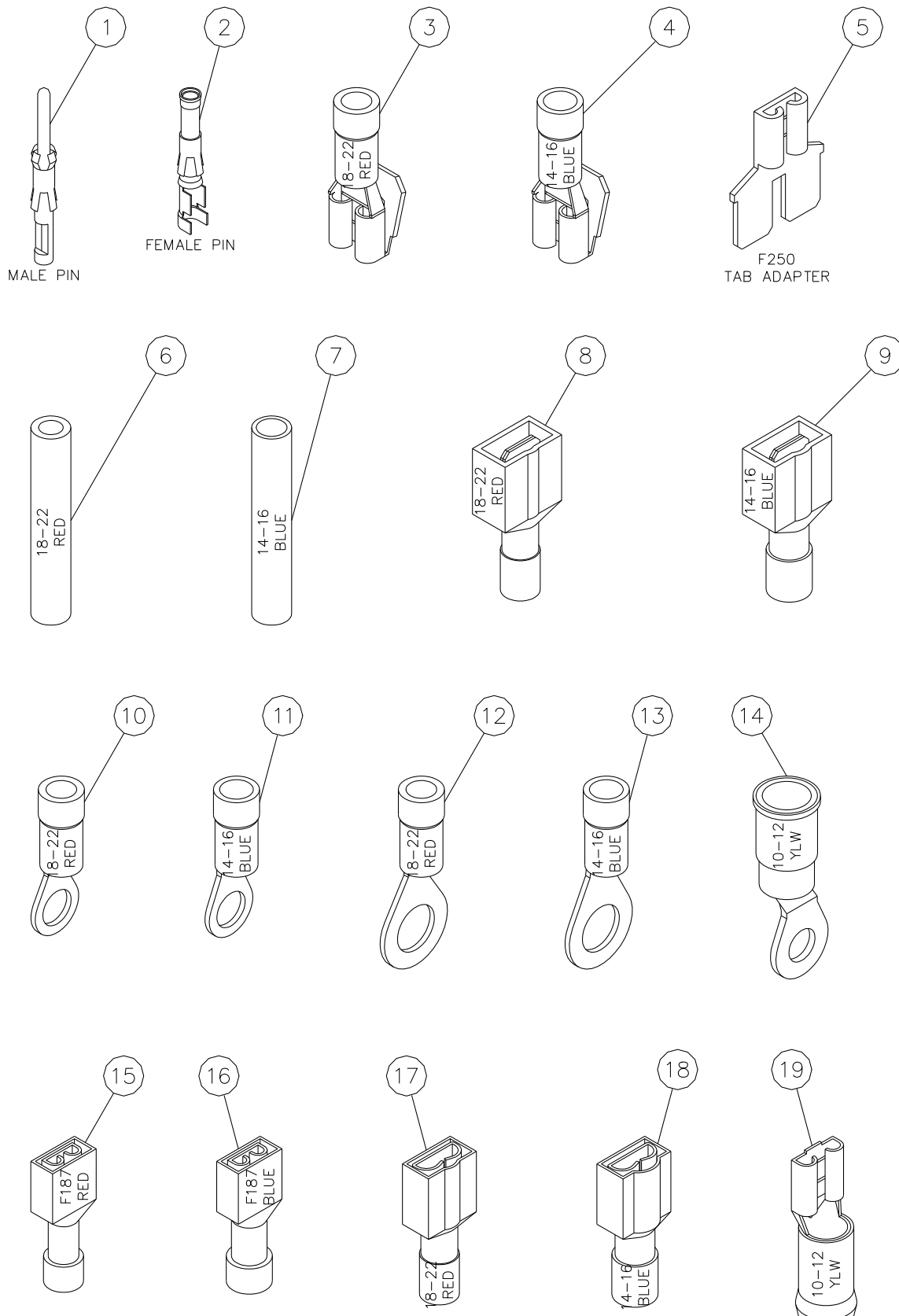
HOLDING TANK
LID ASSEMBLY, 5-3

Boiling & Holding Tank Lids Assemblies, PWS, 5-3

094109, Exploded Parts List Electrical Terminals

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

094109, Exploded Parts List



Electrical Terminals

Wiring List - Life Mist, MM3 -120V Part # 500345-MM3-S13-

						SERIES 13		
No.	Part#	Color	Ga	Length	From Conn.	To Conn.	From Location	To Location
1	500232	GRN	16	3"	#10RING#14-#16	POWER CORD	GROUND	POWER CORD
2	500232	BLK	16	4"	F250 #14-#16	POWER CORD	POWER SWITCH #2	POWER CORD
3	500232	WHT	16	7"	#10RING#14-#16	POWER CORD	RESET SWITCH #4	POWER CORD
4	500350	BLKor	18	14"	#10RING#18-#22	FAN MOTOR (ORG/BLU)	HEATING ELEMENT "A"	FAN MOTOR
5	500350	BLKor	18	6"	F250 #18-#22&PIGG#18-#22	FAN MOTOR (YLW/WHT)	FAN SWITCH #3	FAN MOTOR
6	095026	RED	16	7"	#10RING#14-#16	F187 #14-#16	RESET SWITCH #1	Lower Microswitch COM (B/T)
7	095089	BLK	16	21"	#10RING#14-#16	F187 #14-#16	RESET SWITCH #2	Microswitch COM (H/T)
8	095090	BRN	16	22"	#10RING#14-#16	F250 #14-#16	RESET SWITCH #1	SOLENOID VALVE "A"
9	095091	WHT	16	5"	#10RING#14-#16	#10 RING #14-#16	RESET SWITCH #3	HEATING ELEMENT "B"
10	095092	BLU	16	9"	#10RING#14-#16	F250 #14-#16	RESET SWITCH #3	FAN SWITCH #2
11	095093	YLW	16	18"	#10RING#14-#16	F250 #14-#16	RESET SWITCH #3	WATER SWITCH "A"
12	095094	RED	16	14"	F250 #14-#16	F187 #14-#16	POWER SWITCH #3	Microswitch NC (H/T)
13	095010	WHT	16	3"	F250 #14-#16	PIGG#14-#16	POWER SWITCH #8	FAN SWITCH #2
14	095095	BRN	16	9"	#10RING#14-#16	F187 #14-#16	HEATING ELEMENT "A"	Lower Microswitch NC (B/T)
15	095096	WHT	16	12"	#10RING#14-#16	F250 #14-#16	HEATING ELEMENT "A"	FAN SWITCH #8
16	095097	WHT	16	21"	F250 #14-#16	F187 #14-#16	WATER SWITCH "B"	Upper Microswitch NC (B/T)
17	095098	BLU	16	26"	F187 #14-#16	F250 #14-#16	Upper Microswitch COM (B/T)	SOLENOID VALVE "B"
NOTE: 6" Fibreglass Sheath over wires # 7, 8,11,12,16 &17.								

500345, Exploded Parts List Wiring Diagram, PWS, 5GPD Auto

