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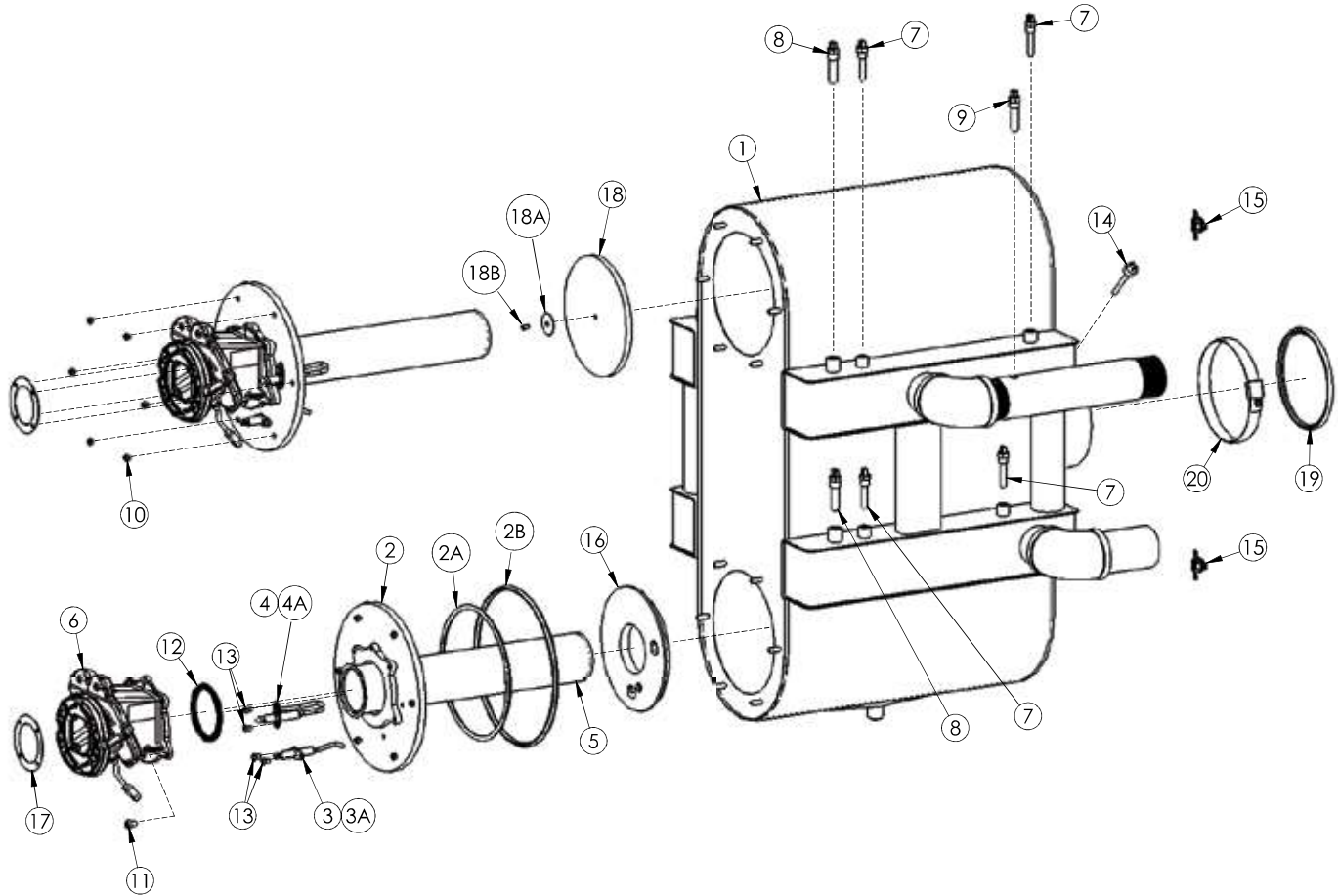# Peerless® PureFire®
PF-850, PF-1000 & PF-1500

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All prices F.O.B. Bally, PA

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	Description	Quantity Required	Stock Code
1	Heat Exchanger – PF-850, for Price Reference Only	1	5651
	Heat Exchanger – PF-1 000, for Price Reference Only	1	5652
	Heat Exchanger – PF-1 500, for Price Reference Only	1	5703
2	Burner Mounting Plate , includes items 2A & 2B	2	54430
2A	Burner Mounting Plate Rubber Rope , included with item 2	2	–
2B	Burner Mounting Plate Rubber Gasket , included with item 2	2	54655
3	Kit Replacement Gianonni Sensor	2	54699
3A	Graphite Gasket, Flame Sensor Electrode	2	54124
4	Kit Replacement Gianonni Igniter	2	54698
4A	Graphite Gasket, Ignition Electrode	2	54123
5	Burner Element (Blue Jet) - PF-850	2	54656
	Burner Element (Blue Jet) - PF-1000	2	54679
	Burner Element (Blue Jet) - PF-1500	2	54657
	Burner Element (MESH) - PF-850/1000 obsolete	2	54433
	Burner Element (MESH) - PF-1500 obsolete, NLA	2	54624
6	Flapper Valve Assembly - PF-850/1000	2	54434
	Flapper Valve Assembly - PF-1500	2	54625
7	Supply / Return Sensor - 1/8" NPT 12 kΩ	4	54438
8	High Limit Switch – 1/4" NPT	2	54419
9	Header Supply Sensor – 1/4" NPT	1	54418
10	Hex. Flange Nut M6 Fine Thread, (Local Hdwr Supply)	12	–
11	Screw M5-0.80 x 16 mm Zinc Plated,Flapper Valve Screw ,(Local Hdwr Supply)	10	–
12	Burner Gasket	2	54467
13	Screw M4 x 8 mm Zinc Plated,Ignitor/Flame Sensor Screw, (Local Hdwr Supply)	4	–
14	Flue Temperature Sensor - 1/4" BSP 12 kΩ	1	54111
15	Thermal Fuse - 318 C, 605 F	2	54466
16	Burner Mounting Plate Insulation - PF-850/1000	2	54653
	Burner Mounting Plate Insulation - PF-1500	2	54654
17	Blower Gasket - PF-850/1000	2	54504
	Blower Gasket - PF-1500	2	54505
18	Target Insulation	2	54185
18A	Target Insulation Washer M4 SS Fender ,(Local Hdwr Supply)	2	–
18B	Target Insulation Screw M4 x 16 SS ,(Local Hdwr Supply)	2	–
19	Exhaust Vent Gasket - 6" PF-850/1000	2	54658
	Exhaust Vent Gasket - 7" PF-1500	2	54659
20	Exhaust Vent Clamp - 6" PF-850/1000	2	54660
	Exhaust Vent Clamp - 7" PF-1500	2	54661
N/S	2" X 1", w/ 1/4" Tap, Relief Valve and Gauge, Brass Tee (PF-850 & 1000)	1	5744
N/S	2 1/2" X 1 1/4", w/ 1/4" Tap, Relief Valve and Gauge, Brass Tee (PF-1500)	1	5854

Peerless® PureFire®
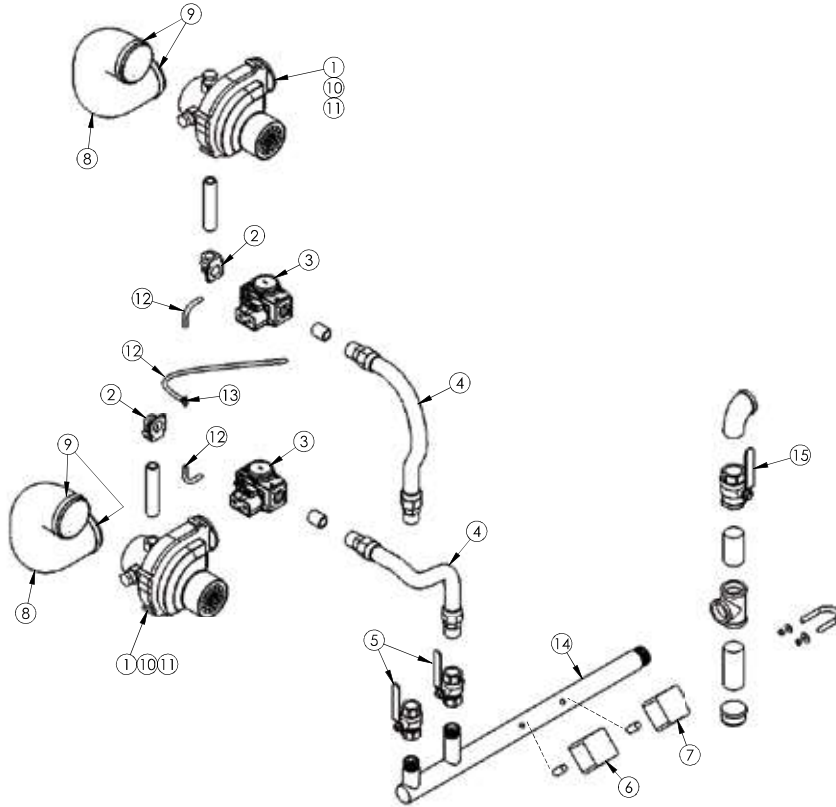## PF-850, PF-1000 & PF-1500

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PF-850/1000 – Blower/Gas Train

PF-1500 – Blower/Gas Train

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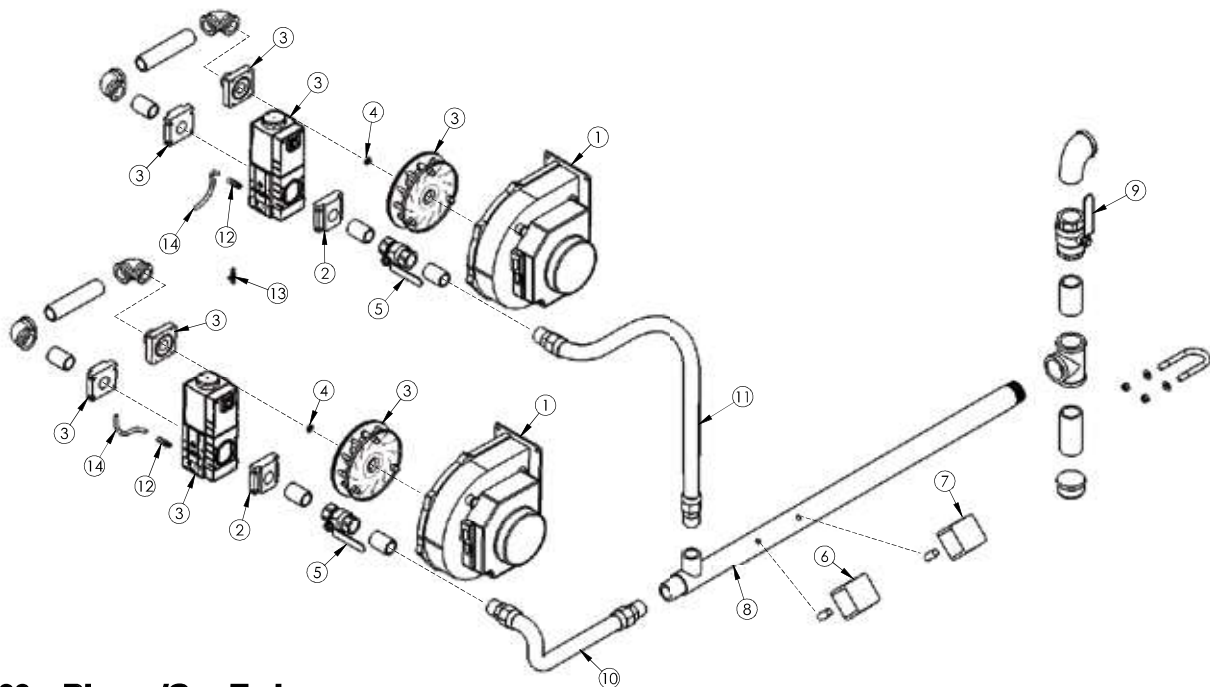Please order with code number.
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PF-850, PF-1000 – Blower/Gas Train

	Description	Quantity Required	Stock Code
1	Blower - PF-850/1000	2	54428
2	3/4" NPT Flanged Elbow	2	5543
3	Gas Valve GB-057	2	54429
4	1" NPT x 18" Flexible Gas Hose	2	54439
5	1" NPT Gas Shutoff Valve	2	51703
6	Low Gas Pressure Switch, (Local Supply)	1	50700
7	High Gas Pressure Switch, (Local Supply)	1	50701
8	3" Flexible Air Inlet Hose	7.5 ft	54444
9	4" Hose Clamp	4	54443
10	Socket Head Cap Screw M5-0.80 x 12 mm, (Local Hdwr Supply)	6	–
11	Hex Head Cap Screw M5-0.80 x 12 mm, (Local Hdwr Supply)	2	–
12	1/8" ID Reference Tube,	5 ft	1052
13	1/8" Hose Tee, (Local Hdwr Supply)	–	–
14	1-1/4" Gas Inlet Header, PF850	1	54473
14	1-1/4" Gas Inlet Header, PF1000	1	54474
15	1-1/4" Ball Valve	1	
N/S	1-1/4" Gas Regulator, (When Used)	1	50647

PF-1500 – Blower/Gas Train

	Description	Quantity Required	Stock Code
1	Combustion Air Blower - PF-1500	2	54595
2	Gas Valve Inlet Flange 1" NPT	2	54601
3	Gas Valve w/Shutter, Swirl Plate & Adapter	2	54598
4	Gas Valve Nozzle 12 MM	2	54602
5	1" NPT Gas Shutoff Valve	2	51703
6	Low Gas Pressure Switch, (Local Supply)	1	50700
7	High Gas Pressure Switch, (Local Supply)	1	50701
8	1-1/2" Gas Inlet Header, PF1500	1	54647
9	1-1/2" Ball Valve	2	51705
10	1" NPT x 16" Flexible Gas Line	2	54439
11	1" NPT x 36" Flexible Gas Line	2	54612
12	1/8" BSP x 1/8" Tube Adapter	2	5766
13	1/8" x 1/8" x 1/4" Barb Tee, (Local Hdwr Supply)	1	–
14	1/8" ID Reference Tube	2 ft	1052
N/S	1-1/2" Gas Regulator, (When Used)	1	50646
N/S	2" Gas Regulator, (When Used)	1	50648

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PF-850, PF-1000 & PF-1500

Peerless® PUREFIRE®
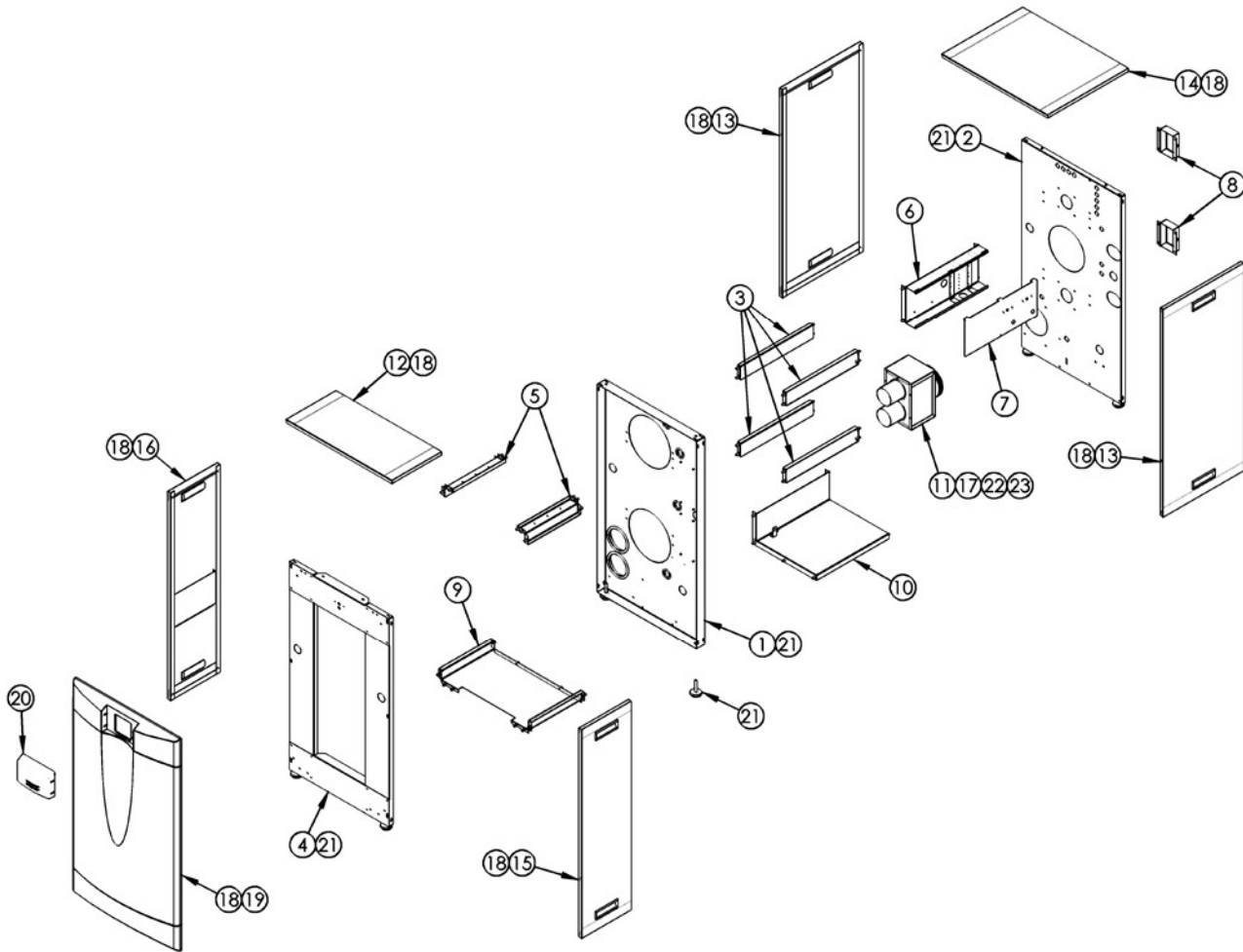## PF-850, PF-1000 & PF-1500

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	Description	Quantity Required	Stock Code
1	Heat Exchanger Support Panel – Front	1	PF2016
		1	PF2037
2	Heat Exchanger Support Panel – Rear – PF-850, PF-1 000	1	PF2017
	Heat Exchanger Support Panel – Rear – PF-1500	1	PF2038
3	Heat Exchanger Support Rails – PF-850	4	PF2018
	Heat Exchanger Support Rails – PF-1 000	4	PF2018-1
	Heat Exchanger Support Rails – PF-1 500	4	PF2018-2
4	Blower Cabinet Frame Assembly – PF-850, PF-1 000	1	PF2027
	Blower Cabinet Frame Assembly – PF-1500	1	PF2027-1
5	Blower Cabinet Support Rails – PF-850, PF-1 000	2	PF2026
	Blower Cabinet Support Rails – PF-1500	2	PF2026-1
6	Electrical Terminal Enclosure – PF-850	1	PF2029
	Electrical Terminal Enclosure – PF-1 000	1	PF2029-1
	Electrical Terminal Enclosure – PF-1500	1	PF2029-2
7	Terminal Enclosure Cover – PF-850	1	PF2030
	Terminal Enclosure Cover – PF-1000	1	PF2030-1
	Terminal Enclosure Cover – PF-1500	1	PF2030-2
8	Thermal Fuse Cover	2	PF2031
9	Blower Cabinet Floor Pan – PF-850, PF-1000	1	PF2033
	Blower Cabinet Floor Pan – PF-1 500	1	PF2039
10	Condensate System Tray – PF-850	1	PF5027
	Condensate System Tray – PF-1000	1	PF5027-1
	Condensate System Tray – PF-1500	1	PF5027-2
11	Air Inlet Plenum Assembly - PF-850/1000	1	PF5044
	Air Inlet Plenum Base - PF-1500	1	PF5051
11A	Air Inlet Plenum Cover - PF-1500	1	PF5052
12	Blower Cabinet Top Panel - PF-850/1000	1	PF6069
	Blower Cabinet Top Panel - PF-1500	1	PF6069-1
13	Side Heat Exchanger Access Panel - PF-850	4	PF6064
	Side Heat Exchanger Access Panel - PF-1000	4	PF6064-1
	Side Heat Exchanger Access Panel - PF-1500	4	PF6064-2
14	Top Heat Exchanger Access Panel - PF-850	1	PF6066
	Top Heat Exchanger Access Panel - PF-1000	1	PF6066-1
	Top Heat Exchanger Access Panel - PF-1500	1	PF6066-2
15	Blower Cabinet Right Side Panel - PF-850/1000	1	PF6067
	Blower Cabinet Right Side Panel - PF-1500	1	PF6067-2
16	Blower Cabinet Left Side Panel - PF-850/1000	1	PF6067-1
	Blower Cabinet Left Side Panel - PF-1500	1	PF6067-3
17	Air Inlet Screen - PF-850/1000	1	54447
18	Ball Studs	38	5433
19	Front Cover Panel	2	54292
20	Control Lens	1	54127
21	Leveling Legs	1	5659
22	1/4" Rubber Grommet	1	6158

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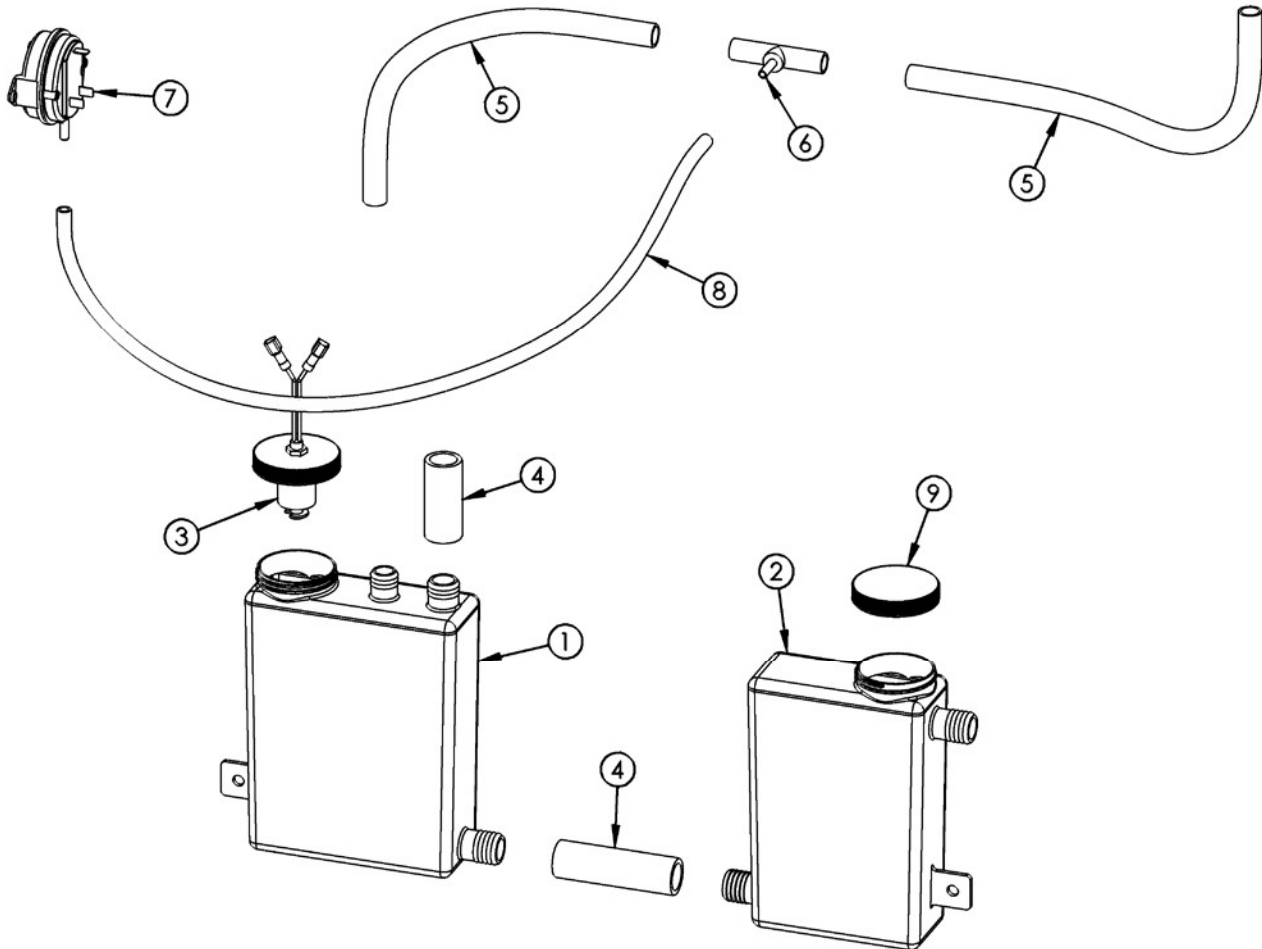## PF-850, PF-1000 & PF-1500

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PF-850, PF-1000 & PF-1500 – Condensate System

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PF-850, PF-1000 & PF-1500

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PF-850 – PF-1500 – Condensate System

	Description	Quantity Required	Stock Code
1	Condensate Receiver Container	1	54120
2	Condensate Neutralizer Container	1	54121
3	Condensate Blocked Drain Switch	1	54137
4	1" OD x 3/4" ID PVC Condensate Hose	3 in	5417
5	5/8" OD x 1/2" ID PVC Condensate Hose	4 ft	5416
6	5/8" x 5/8" x 1/4" Hose Barb Tee	1	5665
7	Blocked Vent Pressure Switch	1	54208
8	1/4" ID PVC Tubing	2 ft	5563

PF-850, PF-1000 & PF-1500 – Miscellaneous Parts – Loose

	Description	Quantity Required	Stock Code
1	Relief Valve - PF-850	1	51300
	Relief Valve - PF-1000	1	51301
	Relief Valve - PF-1500	1	51302
2	Temperature/Pressure Gauge	1	51324
3	6" Stainless Steel Boot Tee with Test Port	1	5680
	7" Stainless Steel Boot Tee with Test Port	1	5747
4	6" Stainless Steel Drain Fitting	1	5681
	7" Stainless Steel Drain Fitting	1	5748
5	6" Stainless Steel x 6" PVC Adapter	1	5682
	7" Stainless Steel x 8" PVC Adapter	1	5749
6	6" Diameter Exhaust/Air Intake Screen	1	54446
7	Stacking Spacer	6	1457
8	Outdoor Sensor	1	54112
9	DHW Sensor, Optional (PP Partner) 12kOhm Tasseron TSK1 0BH	1	54157
	DHW Sensor, Optional (PT Partner) 12kOhm Tasseron TSK10B7	1	54478
	DHW Sensor, Optional (Amtrol) 12kOhm Tasseron TSK10B7	1	54158
10	Condensate Neutralizing Media (1 lb bag)	2	54159

![PB PeerlessBoilers.com]
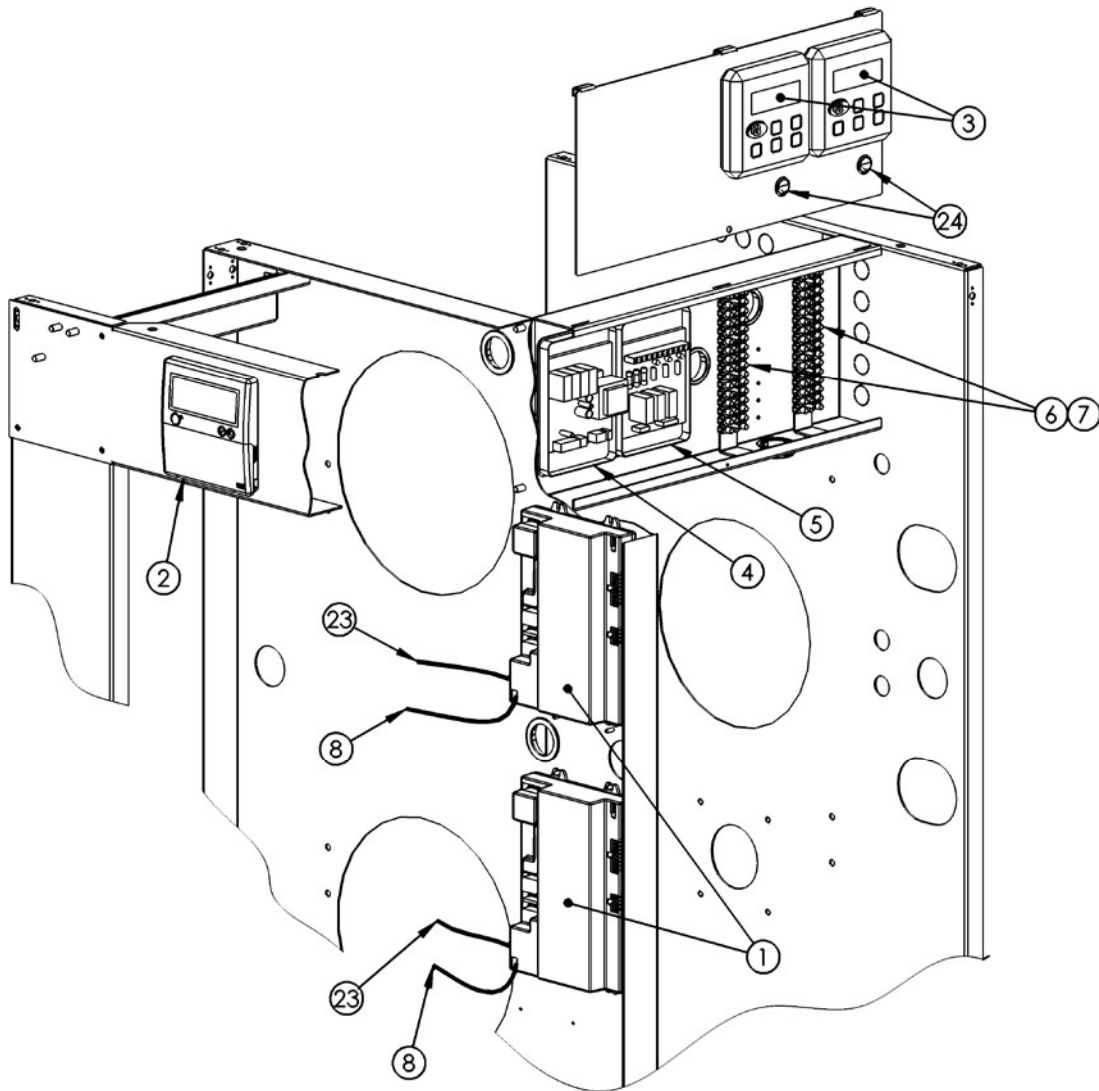
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	Description	Quantity Required	Stock Code
1	Primary Burner Safety Control - PF-850	2	54468
	Primary Burner Safety Control - PF-1000	2	54469
	Primary Burner Safety Control - PF-1500	2	54613
2	User Interface Pixel Display	1	54441
3	Installer Interface LED Display	2	54689
4	Interface Module	1	54442
5	3 module Relay w/ 3 Fuses, Obsolete	1	54437
	Pump Relay Module 10 Amp 4 module Relay w/ 2 Fuses,	1	54556
N/S	10-Amp 125V 5x20mm Slow Blow Fuse, Radio Shack-270-152	–	–
6	Terminal Block - 10 Pole	2	5450
7	Terminal Block - 6 Pole	2	5547
8	Ignition Cable with 1KΩ Resistor	2	54298
9	Harness J5M Managing Control Sensors PF-850/1000*	1	54448
	Harness J5M Managing Control Sensors PF-1500*	1	54614
10	Harness J5D Dependent Control Sensors PF-850/1000*	1	54449
	Harness J5D Dependent Control Sensors PF-1500*	1	54615
11	Harness J16M Managing Flapper/Limits PF-850/1000*	1	54450
	Harness J16M Managing Flapper/Limits PF-1500*	1	54616
12	Harness J16D Dependent Flapper/Limits*	1	54451
13	Harness J2M Managing Control/Blower Power PF-850/1000*	1	54452
	Harness J2M Managing Control/Blower Power PF-1500*	1	54617
14	Harness J2D Dependent Control/Blower Power PF-850/1000*	1	54453
	Harness J2D Dependent Control/Blower Power PF-1500*	1	54618
15	Harness J13M Managing Gas Valve/Flame Sensor/Limit PF-850/1000*	1	54454
	Harness J13M Managing Gas Valve/Flame Sensor/Limit PF-1500*	1	54619
16	Harness J13D Dependent Gas Valve/Flame Sensor/Limit PF-850/1000*	1	54455
	Harness J13D Dependent Gas Valve/Flame Sensor/Limit PF-1500*	1	54620
17	Harness J7 General Circulator PF-850/1000*	1	54456
	Harness J7 General Circulator PF-1500*	1	54621
18	Harness J6M Managing CH/DHW Circulator*	2	54457
19	Harness Line Voltage Terminal Strip/Power Switch PF-850/1000*	1	54587
	Harness Line Voltage Terminal Strip/Power Switch PF-1500*	1	54622
20	Harness J9 Blower Control PF-850/1000*	2	54459
	Harness J9 Blower Control PF-1500*	2	54623
21	Harness Managing Thermal Fuse w/Conduit*	1	54460
22	Harness Dependent Thermal Fuse w/Conduit*	1	54461
23	Harness Ground	2	PF7009
24	Rocker Switch, (Local Hdwr Supply)	2	6050