

Bumer Plug, Square (Pre Dec 2010) - 140/200H - Item No 20511205
 Bumer Plug, Square (Pre Dec 2010) - 340H - Item No 20511206

Large Air compressor with 1/4" output port
 (Pre Sept 11, 2013)

Small Air compressor no output port
 (Sept 11, 2013 fwd)

Ref.#	Part Description	140H	200H	340H	350H	200B	375B	500B	Number
1	Bumer - 140H w/Preheater round plug	x							04000081
1	Bumer - 200H w/Preheater round plug		x						04000082
1	Bumer - 340H w/Preheater round plug			x					04000083
1	Bumer - 350H w/Preheater round plug				x				04000227
1	Bumer - 200B w/Preheater					x			13010101
1	Bumer - 375B no Preheater						x		13010100
1	Bumer - 500B no Preheater							x	13010102
2	Control - Primary, Carlin 30 Second	x	x	x	x	x			05000135
2	Control - Primary, 15 Second						x	x	06001027
3	Wire Box Cover Assembly	x	x	x	x				14010112
4	Wire Box Base Assembly, Round plug	x	x						04000106
4	Wire Box Base Assembly, Round plug			x	x				04000107
4	Wire Box Base Assembly					x	x	x	14010109

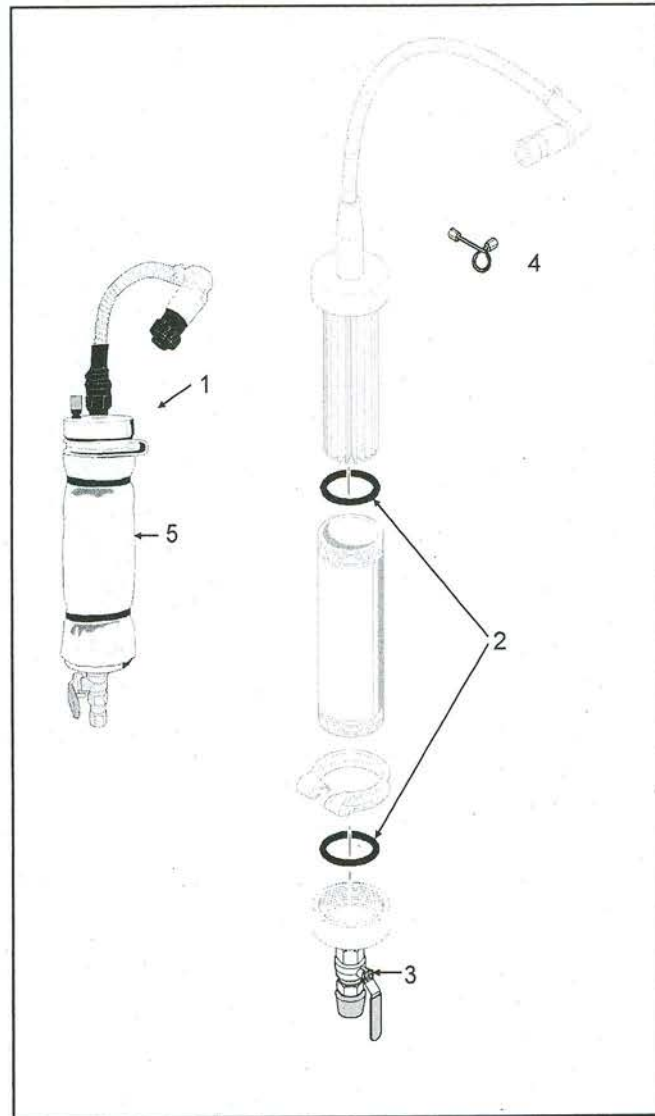


BURNER ASSEMBLY		* Not Pictured		Current Models					Item
Ref.#	Part Description	140H	200H	340H	350H	200B	375B	500B	Number
5	Preheater Wiring Pigtail (6 pin)	x	x	x	x	x	x	x	20541310
5	Preheater Wiring Pigtail (7 pin)						x	x	14010121
6	Bumer cord w/Round plug (12/10 Fwd)	x	x						04000111
6	Bumer cord w/Round plug (12/10 Fwd)			x	x				04000112
6	Bumer cord w/Sqaure plug	x	x						20511205
6	Bumer cord w/Sqaure plug			x	x				20511206
7	Detector - Cad Cell	x	x	x	x	x	x	x	20210110
8	Transformer - Ignition	x	x		x	x			20213137
8	Transformer - Ignition			x			x	x	20213145
9	Spring—Transformer	x	x	x	x	x	x	x	20213138
10	Valve - Solenoid w/Fittings	x	x	x	x	x	x	x	14010134
11	O-Ring - Solenoid Valve	x	x	x	x	x	x	x	20293199
12	Fitting—Solenoid Valve	x	x	x	x	x	x	x	20491154
13*	Nucleus-Solenoid Valve w/Spring	x	x	x	x	x	x	x	20293198
14	Air Compressor (Lg prior to 9/11/13)	x	x	x	x	x	x	x	20210111
14	Air Compressor (Sm beginning 9/11/13)	x	x		x	x			06000807
14	Air Compressor Kit, (Sm w/ fittings)	x	x						05000167
14	Air Compressor Kit, (Sm w/ fittings)				x				05000168
15	Filter - Air Compressor	x	x	x	x	x	x	x	20210112
15	Filter - Air Compressor (6 Pk)	x	x	x	x	x	x	x	05000037
16	Union - 3/16FLx1/4MIP, .0645" (Lg AC)	x	x			x			14610010
16	Union - 3/16FLx1/4MIP, .052" (Lg AC)			x	x				14610005
16	Union - 3/16FLx1/4 MIP, .028" (Lg AC)						x	x	14610001
16	Union - 3/16FLx1/8 MIP, .042" (SM AC)	x	x			x			04000300
16	Union - 3/16FLx1/8 MIP (SM AC)				x				06000024
17	Coupler - Air Comp Filter 1/4" (Lg AC)	x	x	x	x	x	x	x	20411121
17	Coupler - Air Comp Filter 1/8" (Sm AC)	x	x		x	x			06000794
18	Vanes - Air Compressor, Lg (4 Pk) prior to 9/11/13			x			x	x	06000519
18	Vanes - Air Compressor, Sm (4 Pk) Current	x	x		x	x			06000821
19	Plate - Carbon End	x	x	x	x	x	x	x	20213143
20	Coupling - Compressor to Burner	x	x	x	x	x	x	x	20210122
21	Band - Air, AF	x	x			x			20213132
21	Band - Air, SF			x			x	x	20213133
21	Band - Air, Slotted				x				06000595
22	Copper Line - S-NB	x	x		x	x			05000038
22	Copper Line - S-NB			x					05000039
22	Copper Line - S-NB						x	x	05000040
23	Copper Line - AC-NB	x	x	x	x	x	x	x	20630115
24	Nut - Knurled 3/8-24	x	x	x	x	x	x	x	20410110
25	Gasket - Burner Klinger	x	x	x	x				20910103
25	Gasket - Flange					x	x	x	20210121
26	Air Tube - Hinged	x	x						20311116
26	Air Tube - Hinged, Diameter 4.3			x	x				04000062
26	Air Tube - Non-Hinged					x			20210119
26	Air Tube - Non-Hinged						x	x	20361187
27	Motor - 1/5HP Burner AF (prior to 9/11/13)	x	x		x	x			20213139
27	Motor - 1/4HP Burner SF			x			x	x	20213147
27	*Motor - 1/7HP Carlin, AF (current)	x	x		x	x			06000825
28	Wheel - Burner Blower, AF	x	x		x	x			20213140
28	Wheel - Burner Blower, SF			x			x	x	20210117
29	Flange - Burner Sq Plate AF/SF	x	x	x	x	x	x	x	20213136
30	Escutcheon Plate (2 hole)	x	x		x	x			20213148
30	Escutcheon Plate (1 hole)			x			x	x	20213153
31	* Relay - Burner (500)							x	06000475
32	* Flange - 4" Mounting Kit					x	x	x	20210120
33	Fuse, 8 AMP	x	x	x		x	x	x	20510113
34	Fuse Holder	x	x	x		x	x	x	20510112
35	Screw - Air Compressor Mtng 1/4-20X1	x	x	x		x	x	x	20410106



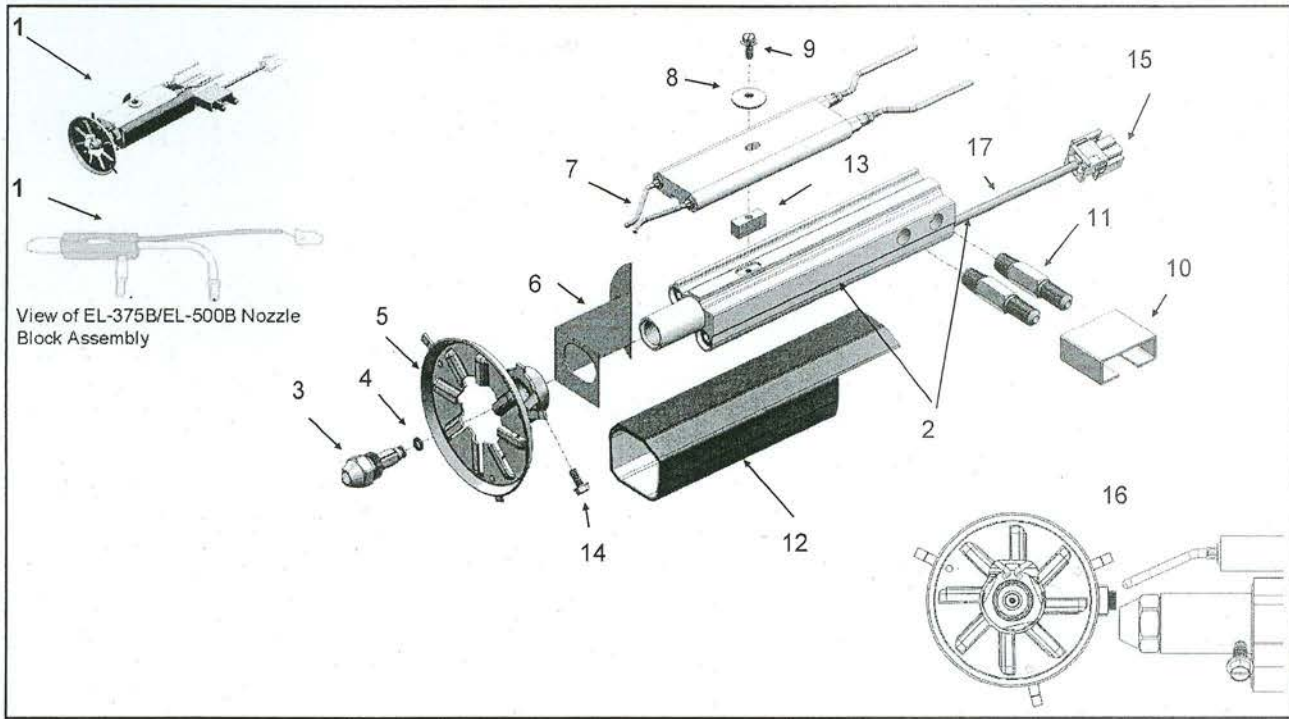
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PREHEATER ASSEMBLY * Not Pictured		Current Models							Item Number
Ref.#	Part Description	140H	200H	340H	350H	200B	375B	500B	
1	Preheater Assembly - 140H	x							14040187
1	Preheater Assembly - 200H		x						14040188
1	Preheater Assembly - 340H/350H			x	x				14040189
1	Preheater Assembly - 200B					x			14040192
1	Preheater Assembly - 375B						x		14040193
1	Preheater Assembly - 500B							x	14040190
2	Gasket - Preheater 2-1/2 O.D.	<i>Note: Used on all Models prior to 2004</i>							20940119
2	Gasket - Preheater 2-5/8 O.D.	x	x	x	x	x	x	x	20940122
3	Valve - 1/4 NPT, Shutoff	x	x	x	x	x	x	x	06000074
4	Copper Line - SV-PH	x	x	x	x				05000044
4	Copper Line - SV-PH					x			05000045
5	Insulation - Kit, Preheater Foil	x	x			x			05000046
5	Insulation - Kit, Preheater Foil			x	x				05000047
5	Insulation - Kit, Preheater Foil						x	x	05000048
6	*Bolt - Preheater Mntg	x	x			x			20410120
6	*Bolt - Preheater Mntg			x			x	x	20440156
7	*Valve, Solenoid no fittings						x	x	20290197

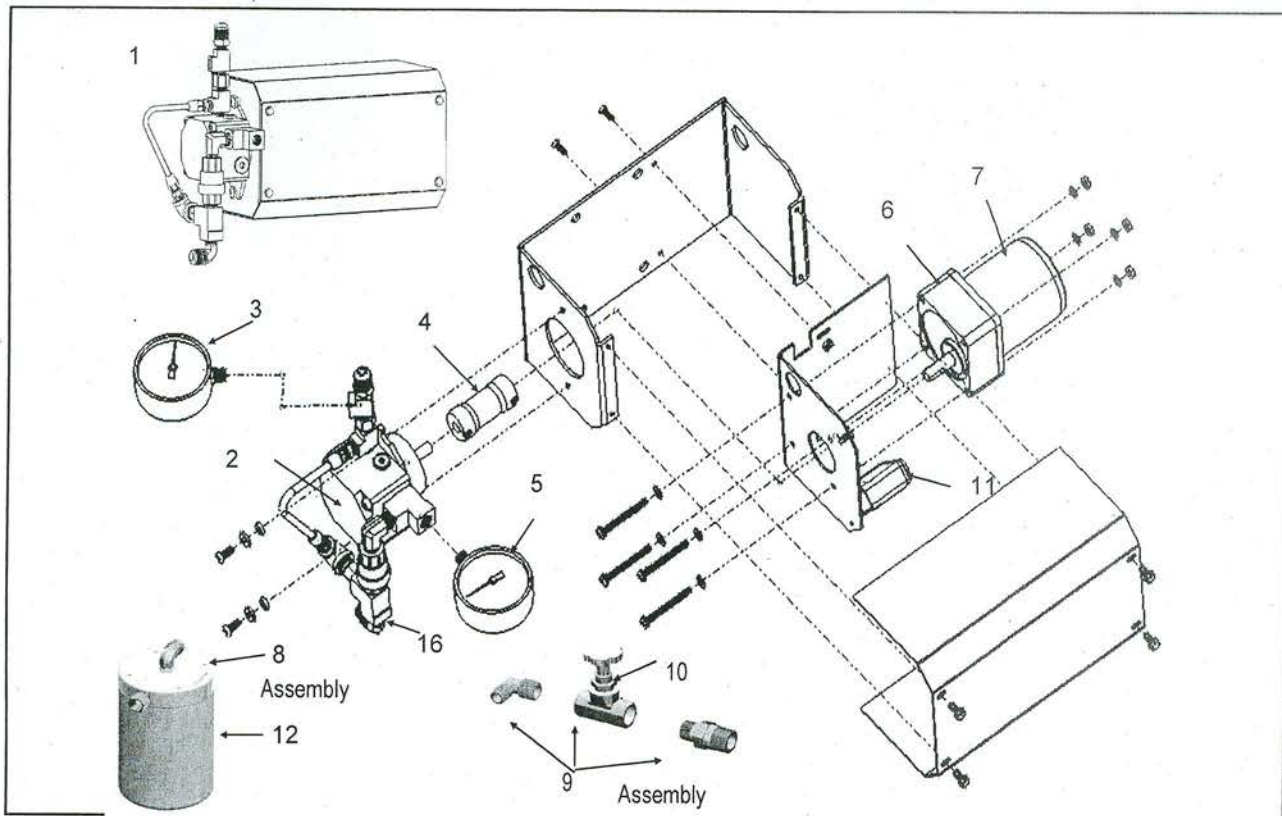




NOZZLE LINE ASSEMBLY * Not Pictured		Current Models						Item Number	
Ref.#	Part Description	140H	200H	340H	350H	200B	375B		500B
1	Nozzle Line Assembly	x	x			x			14010124
1	Nozzle Line Assembly			x	x				04000230
1	Nozzle Line Assembly						x	x	14010127
2	Nozzle Block Assembly, w/ PTC	x	x	x	x	x			04000056
2	Nozzle Block Assembly, w/PTC						x	x	04000057
3	Nozzle - #5	x	x			x			20210123
3	Nozzle - #5 (50 Pk)	x	x			x			14013152
3	Nozzle - #28			x	x		x	x	20210124
3	Nozzle - #28 (50 Pk)			x	x		x	x	14013151
4	O-Ring - Nozzle	x	x	x	x	x	x	x	20213152
5	Head - Flame Retention	x	x			x			04000280
5	Head - Flame Retention			x	x		x	x	04000260
6	Air Vane	x	x	x	x	x			20311126
6	Air Vane						x	x	20311121
7	Electrode - single bend (5 Pk)	x	x	x	x	x			05000049
7	Electrode - single bend (beginning 9/11/13)	x	x	x	x	x			06000593
7	Electrode - single bend (beginning 9/11/13)						x	x	06000741
8	Washer - 8 x 3/4, Electrode	x	x	x	x	x	x	x	20410115
9	Screw - 8-32 x 7/8 Hex	x	x	x	x	x	x	x	20410114
10	Bracket-Nozzle Block Centering	x	x	x	x	x			20311117
11	Fitting - Oil/Air Bulkhead	x	x	x	x	x	x	x	20411122
12	Sleeving	x	x	x	x	x			20990149
13	Key - Mount, Extr Nozzle Block	x	x	x	x	x			20311130
14	Screw - 8-32 x 3/8	x	x	x	x	x	x	x	20410117
15	PTC Assembly, Extruded Block 8.7mm	x	x	x	x	x			14010125
15	PTC Assembly, Hex Block 6.5mm						x	x	14013211
16	Kit, electrode&FRH 140/200H,200B	x	x			x			05000162
16	Kit, electrode&FRH 340H			x	x				05000163
16	Kit, electrode&FRH 375, 500						x	x	05000164
17	Nozzle Block Pigtail Assembly, w/PTC	x	x	x	x	x			14010126



Fuel Pump Assembly



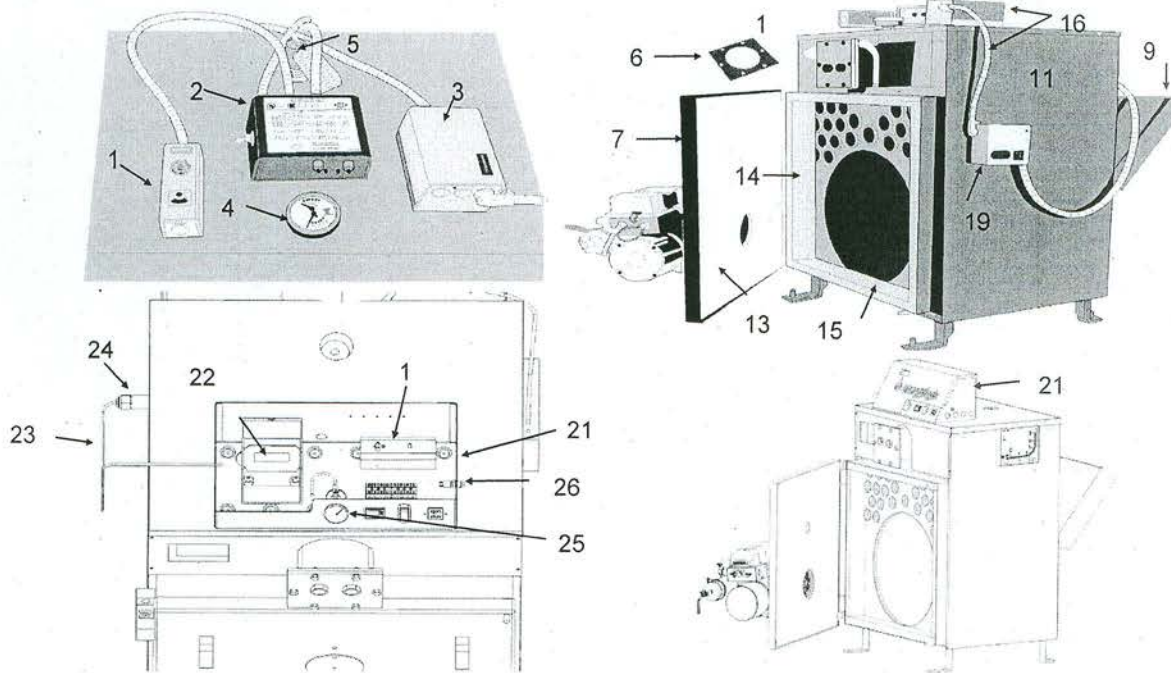
PUMP ASSEMBLY		* Not Pictured							
Ref.#	Part Description	140H	200H	340H	350H	200B	375B	500B	Item Number
1	Pump Assembly, 140H	x							14020300
1	Pump Assembly, 200H		x						14020301
1	Pump Assembly, 340H			x					14020302
1	Pump Assembly, 350H				x				04000289
1	Pump Assembly, 200B					x			14020304
1	Pump Assembly, 375B						x		14020305
1	Pump Assembly, 500B							x	14020306
2	Pump w/Fittings	x	x	x	x	x	x		14020155
2	Pump w/Fittings & solenoid valve							x	04000055
3	Gauge - 0-160 PSI Pressure, 1/8"	x	x	x	x	x	x	x	20270183
4	Coupling - Pump to Motor	x	x	x	x	x			20220158
5	Gauge - Vac/Pressure Combo 1/4"	x	x	x	x	x	x	x	20270188
6	Motor w/Gear Box, 140H	x							05000155
6	Motor w/Gear Box, 200H		x						05000156
6	Motor w/Gear Box, 340H			x					05000157
6	Motor w/Gear Box, 350H				x				05000158
6	Gear Box, Oriental 3GN3KA						x		20220195
6	Gear Box, Oriental 3GN6KA,					x			20220161
6	Gear Box, Oriental 3GN9KA							x	20220156
7	Motor w/Capacitor 3IK15GN-AWU						x	x	20220155
8	Filter Head Assembly w/Filter	x	x	x	x	x	x	x	04000068
8	Filter Head Assembly w/o Filter	x	x	x	x	x	x	x	04000189
9	Firestop Valve Assembly	x	x	x	x	x	x	x	04000067
10	Firestop Valve	x	x	x	x	x	x	x	20270186
11	Capacitor (Oriental motor only)						x	x	20223198
12	Filter - SS - Spin-On, 5 in.	x	x	x	x	x	x	x	20270185
13	*Filter - SS Spin-On, 5 in. (12 Pack)	x	x	x	x	x	x	x	05000052
14	*Filter - SS - Spin-On, 8 in.	x	x	x	x	x	x	x	20203106
15	*Solenoid Valve (no fittings)						x	x	20290197
16	Valve, 1/4" Check	x	x	x	x	x	x	x	20220153
17	*Valve, Relief 50PSI	x	x	x	x	x	x	x	20240172
18	*O-ring, Danfoss Pump	x	x	x	x	x	x		20923152
19	*Motor/Gearbox/Coupling/Housing Kit	x							04000293
19	*Motor/Gearbox/Coupling/Housing Kit		x						04000294
19	*Motor/Gearbox/Pump Housing Kit			x					04000295
20	*Adhesive/Gasket Sealant #2	x	x	x	x	x	x	x	30963113



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Boiler Vessel Assembly & Controls



Boiler Vessel w/Controls

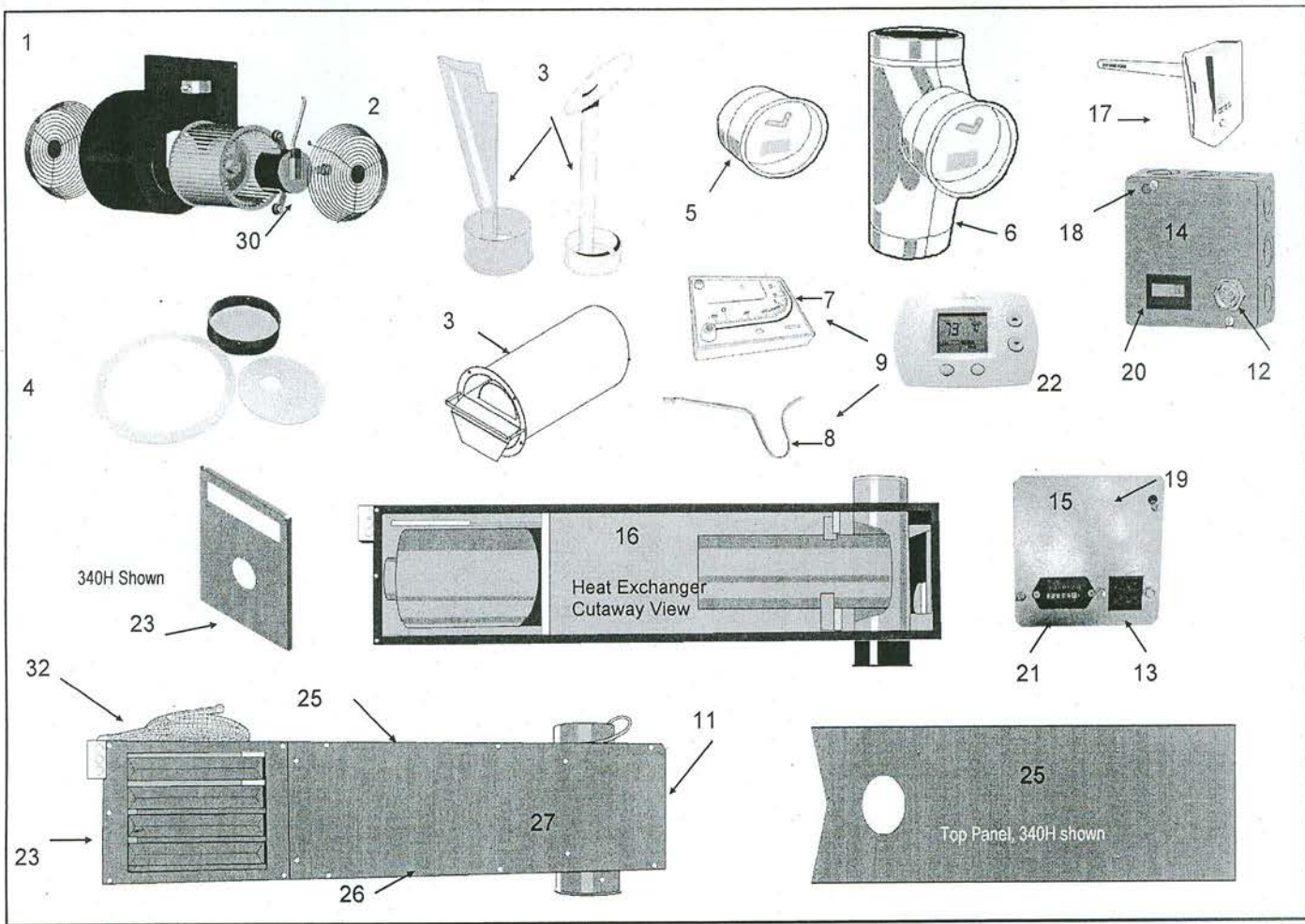
BOILER ASSEMBLY * Not Pictured		200B	375B	500B	Item Number	Qty
1	Aquastat—High Limit Temp Cut-off	x	x	x	06000134	1
2	Control—Low Water	x	x	x	20263180	1
3	Aquastat—Triple	x	x	x	20263179	1
4	Gauge - Boiler Temp/Pressure (°F/°C)	x	x	x	20270302	1
5	Valve - Pressure Relief, 30 PSI	x	x	x	20663146	1
6	Gasket - Boiler Coil	x	x	x	20363219	1
7	Door w/ Insulation	x	x	x	20363228	1
9	Gasket Rope - Breech 1/2"	x	x	x	05000055	1
10	Coil Plate	x	x	x	20363218	1
12	*Grease - Heat Conductive	x	x	x	20260190	1
13	Insulation - Door 26 1/2" x 26 3/4"	x	x	x	20963132	1
14	Insulation-Left/Right-24 1/8" x 4" x 1 1/4"			x	20963142	1
14	Insulation - Left/Right - 24 1/8" x 3" x 1 1/4"	x	x		20963130	1
15	Insulation - Top/Bottom - 26 1/4" x 3" x 1"	x	x		20963131	1
15	Insulation-Top/Bottom-26 1/4" x 4" x 1"			x	20963143	1
16	Wire Harness Assembly - Boiler	x	x	x	14010117	1
17	*High Temp Adhesive	x	x	x	30990103	1
18	*Boiler Burner Plug Assembly	x	x	x	14010132	1
19	Wiring Box Assembly	x	x	x	14030179	1
20	*Baffle, Plate		x	x	06000290	1
21	Boiler Control Box Assembly	x	x	x	04000312	1
22	Control, Aquasmart	x	x	x	06000818	1
23	Sensor, Aquasmart	x	x	x	06000819	1
24	Thermowell, Aquasmart	x	x	x	06000864	1
25	Gauge - Pressure, Aquasmart	x	x	x	06000835	1
26	*Fuse—Fast Acting, 20A, 250V	x	x	x	06000837	1

≈ Wire harness includes items 1,2,3,19

Special Note: 495B boiler— used same burner/preheater/fuel pump/controls as the 500B nical Support for price & availability of unique parts (insulation).



Cabinet Assembly



CABINET ASSEMBLY		* Not Pictured								Item
Ref.#	Part Description	140H	200H	340H	350H	200B	375B	500B	Number	
1	Blower - Assembly 1/3HP, 140H	x							13031001	
1	Blower - Assembly 1/2 HP, 200H		x						13031002	
1	Blower - Assembly 3/4 HP, 340H			x					13031003	
1	Blower - Assembly 1HP, 350H				x				04000229	
1	Wheel - Blower 9 inch OD, 140H	x							06000039	
1	Wheel - Blower 10 inch OD, 200H/340H		x	x					20200200	
1	Wheel - Blower 12.5 inch OD, 350H				x				06000592	
2	Guard - Blower Fan	x	x	x	x				20303110	
3	Baffle w/ Drip Cap, 1 Piece 140/200	x	x						20333158	
3	Baffle w/ Drip Cap, 1 Piece 340 only			x					20331136	
3	Baffle Assembly 350 only				x				04000219	
3	Baffle Assembly 350 Canadian only				x				04000220	
4	* Drip Cap with gasket, no baffle				x				04000218	
4	Gasket - baffle				x				06000584	
4	*Gasket - Drip Cap	x	x	x	x				20933118	
5	Damper - 7 Inch Barometric	x	x	x	x	x	x		20770110	
5	Damper - 7 Inch Barometric, Stainless Steel	x	x	x	x	x	x		20770110-SS	
5	Damper - 9 Inch Barometric							x	20770112	
5	Damper - 8 Inch Barometric, DW T	x	x	x		x	x		20770109	
6	Tee - Barometric & Damper 8", Stainless Steel	x	x	x	x	x	x		04000045	
6	Tee - Barometric & Damper 10"							x	14070199	
7	Gauge - Draft (Manometer)	x	x	x	x	x	x	x	20270184	
8	Probe-Draft Ga, Tube/Cnctr	x	x	x	x	x	x	x	14003110	
9	Draft Gauge Assembly	x	x	x	x	x	x	x	14070198	
10	* Oil - Draft Gauge	x	x	x	x	x	x	x	20273189	



CABINET ASSEMBLY		* Not Pictured							Current Models							Item
Item	Part Description	140H	200H	340H	350H	200B	375B	500B	140H	200H	340H	350H	200B	375B	500B	Number
11	Cabinet Assembly w/harness, serialized			x											0400089	
11	Cabinet Assembly				x										04000224	
12	Receptacle Rnd - Burner Wiring (12/10 Fwd)	x	x	x	x										06000221	
13	Receptacle Square - Burner Wiring					x	x	x							20530138	
14	Wiring Box Asmbly - Rnd Plug (12/10 Fwd)	x	x	x	x										04000108	
15	Wiring Box Assembly - Square Plug	x	x	x											14030160	
16	Heat Exchanger Assembly w/Drip Cap	x													05000065	
16	Heat Exchanger Assembly w/Drip Cap		x												05000066	
17	Switch - Fan/Limit, 11 Inch	x	x	x	x										20230165	
18	Cover Plate - Wiring Box, Rnd Plug	x	x	x		x	x	x							06000216	
19	Cover - Wiring Box, Square Plug	x	x	x	x	x	x	x							14033208	
20	Hour Meter - Digital	x	x	x	x	x	x	x							06000224	
21	Hour Meter - Analog	x	x	x		x	x	x							20230166	
22	Thermostat - Wall, Programmable	x	x	x	x	x	x	x							20230178	
23	* Panel - Cabinet, Burner	x	x												20331150	
23	Panel - Cabinet, Burner, 340H			x											20331153	
23	* Panel - Cabinet, Burner, 350H				x										06000572	
24	* Panel - Cabinet, Filler	x	x		x										20331146	
24	* Panel - Cabinet, Filler			x											20233171	
25	* Panel - Cabinet, Top	x													20331148	
25	* Panel - Cabinet, Top		x												20331156	
25	* Panel - Cap, Top			x											20331147	
25	* Panel - Cap, Top/Bottom				x										06000575	
26	* Panel - Cabinet, Bottom	x													20331152	
26	* Panel - Cabinet, Bottom		x												20331155	
26	* Panel - Cabinet, Bottom			x											20331145	
28	* Panel - Cabinet, Side	x													20331144	
28	* Panel - Cabinet, Side		x												20331154	
28	* Panel - Cabinet, Left Side			x											20331149	
28	* Panel - Cabinet, Right Side			x											20331151	
29	*Panel - Cabinet, End "V"			x											20331198	
30	* Motor - 1/2 HP Blower w/capacitor	x	x												05000152	
30	* Motor - 3/4 HP Blower w/capacitor			x											05000153	
30	* Motor - 1 HP Blower w/capacitor (GE)				x										05000154	
31	*Capacitor - 7mfd, 1/3 HP Blower	x													20231171	
31	*Capacitor - 10mfd, 1/2 HP Blower		x												20231172	
31	*Capacitor - 15mfd, 3/4 HP Blower			x											20231173	
31	*Capacitor - 30mfd, Blower (Marathon)				x										06000634	
31	*Capacitor - 20mfd, Blower (GE)				x										06000636	
32	*Wire Harness w/Round Plug (12/10 Fwd)	x	x		x										04000071	
32	*Wire Harness w/Round Plug (12/10 Fwd)			x											04000072	
33	*T/Stat Wire Assembly	x	x	x	x	x	x	x							20511311	
34	*Gasket, ERU Cover			x											05000068	
35	*Blower Motor Mount Replacement Kit		x	x											05000159	
35	*Blower Motor Mount Replacement Kit				x										06000633	
35	*Blower Motor Mount Replacement Kit	x													05000191	



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