

EFF. DATE: 11/01/02

REPL. NEW

ILLUSTRATED PARTS LIST

FORM EB-FD-W

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FOR EB SERIES FORCED DRAFT, WATER BOILERS MODELS EB75 THRU EB200

ORDERING INSTRUCTIONS

WHEN ORDERING PARTS FOR YOUR BRYAN BOILER OR HEATER,
BE SURE TO INCLUDE THE FOLLOWING INFORMATION:

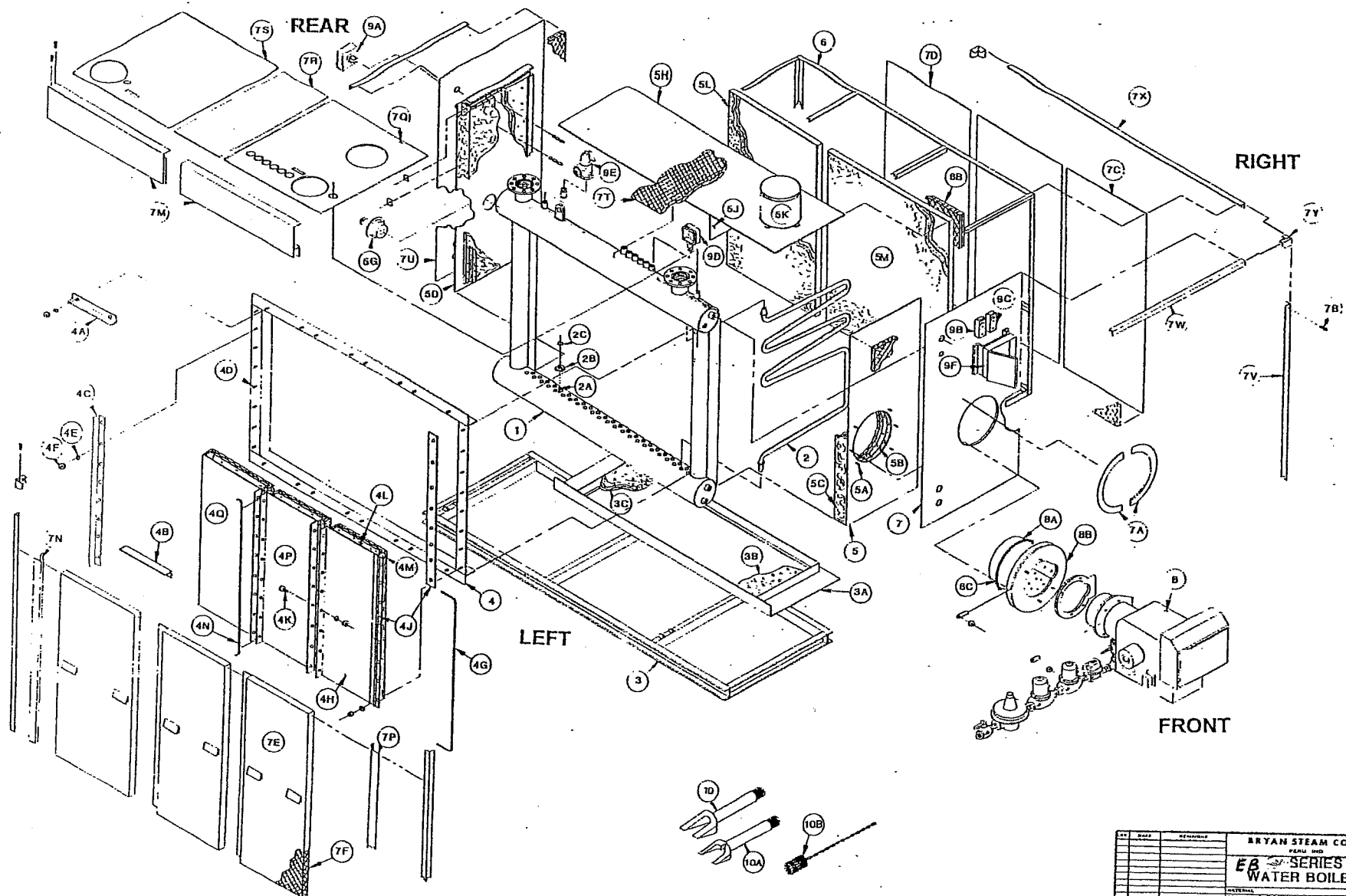
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>FOR MODEL</u>	<u>BOILER SERIAL NO.</u>	<u>SHIP VIA</u>
5	38100	Boiler Tubes (Outside)	EB125	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
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BRYAN STEAM CORP.	
E8 SERIES WATER BOILER	
DESIGNED BY	SAWYER
DRAWN BY	11/16/83
CHECKED BY	
APPROVED BY	
D-11808	

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EB - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM: EB-PARTS

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I T E M	DESCRIPTION	EB75-W		EB100, EB125, EB150-W		EB175, EB200-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
1	BOILER FRAME ASSY. (w/ Tubes)	1	42602	1	42605	1	42609
	BOILER TUBE ASSEMBLY						
2	"A" Outside Tubes	17	38100	28	38100	41	38100
	"B" Inside Tubes	16	38101	27	38101	40	38101
2A	Tube Studs, 3/8" - 16x2-3/8"	32	25187	54	25187	80	25187
2B	Tube Clamps	32	23623	54	23623	80	23623
2C	Tube Nuts, 3/8" - 16	32	25114	54	25114	80	25114
3	BOILER BASE ASSEMBLY	1	42826	1	42829	1	42833
3A	Boiler Floor Pan Assembly	1	38413	1	38416	1	38420
3B	Floor Pan Refr. (Castable) (50#Bags)	1	24555	1	24555	1	24555
3C	Floor Pan Insul. (Min. Fib.), 2-1/2", (pcs)	3	24507	5	24507	8	24507
	TUBE ACCESS PANEL ASSEMBLY						
4	Tube Access Panel Frame	1	38428	1	38431	1	38435
4A	Panel Clamp	2	38458	8	38458	12	38458
4B	Panel Clamp, Intermediate	2	38459	--	--	--	--
4C	Vertical Panel Clamp, End	1	38460	1	38460	1	38460
4D	Panel Weld Stud - 3/8"-16x1-3/8"	24	25184	32	25184	40	25184
4E	Panel Washers - 3/8"	24	25151	32	25151	40	25151
4F	Panel Nuts - 3/8"-16	24	25114	32	25114	40	25114
4G	Rope Gasket (Ft.)	22	24621	28	24621	35	24621
	FRONT (HINGED) PANEL ASSEMBLY						
4H	Panel w/ Hinge	1	38242	1	38242	1	38242
4J	Hinge and Shim	1	29208	1	29208	1	29208
4K	Bolts - 3/8"-16x1"	12	25024	12	25024	12	25024
	Washers - 3/8"	12	25151	12	25151	12	25151
4L	FRONT PANEL INSULATION	1	38248	1	38248	1	38248
4N	Rope Gasket (Ft.)	5	24621	5	24621	5	24621

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I T E M	DESCRIPTION	EB75-W		EB100, EB125, EB150-W		EB175, EB200-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
4P	CENTER PANEL ASSEMBLY						
	Panel	--	--	2	38241	4	38241
	Bolts - 3/8"-16x1"	--	--	32	25024	64	25024
	Washers - 3/8"	--	--	32	25151	64	25151
	Nuts - 3/8"-16	--	--	32	25114	64	25114
	CENTER PANEL INSULATION	--	--	2	38247	4	38247
	Rope Gasket (Ft.)	--	--	10	24621	20	24621
4Q	END PANEL ASSEMBLY "A"						
	Panel "A" 20-15/16" Wide	--	--	--	--	1	38238
	Bolts - 3/8"-16x1"	--	--	--	--	16	25024
	Washers - 3/8"	--	--	--	--	16	25151
	Nuts - 3/8"-16	--	--	--	--	16	25114
	END PANEL INSULATION "A"	--	--	--	--	1	38244
	Rope Gasket (Ft.)	--	--	--	--	2	24621
	END PANEL ASSEMBLY "B"						
	Panel "B" 24-1/8" Wide	--	--	1	38239	--	--
	Bolts 3/8"-16x1"	--	--	16	25024	--	--
	Washers - 3/8"	--	--	16	25151	--	--
	Nuts - 3/8"	--	--	16	25114	--	--
	END PANEL INSULATION "B"	--	--	1	38245	--	--
	Rope Gasket (Ft.)	--	--	5	24621	--	--
	END PANEL ASSEMBLY "C"						
	Panel "C" - 33-13/16" Wide	1	38240	--	--	--	--
	Bolts - 3/8"-10x1"	16	25024	--	--	--	--
	Washers - 3/8"	16	25151	--	--	--	--
	Nuts - 3/8"	16	25114	--	--	--	--
	END PANEL INSULATION "C"	1	38246	--	--	--	--
	Rope Gasket (Ft.)	5	24621	--	--	--	--

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I T E M	DESCRIPTION	EB75-W		EB100, EB125, EB150-W		EB175, EB200-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
	FLUE COLLECTOR ASSEMBLY						
5	FLUE COLL. FRONT PLATE ASSY.	1	38104	1	38104	1	38104
	Angle Iron 14 Ft.	1	11002	1	11002	1	11002
5A	Weld Studs - 3/8"-16x2-1/2" Long	6	25187	6	25187	6	25187
5B/5C	FRONT PLATE INSULATION	1	38106	1	38106	1	38106
5D	FLUE COLL. REAR PLATE ASSY.	1	38105	1	38105	1	38105
	Weld Studs - 3/8"-16x1-1/2" Long	8	25184	8	25184	8	25184
	REAR PLATE INSULATION	1	38107	1	38107	1	38107
5G	Rear Access Plug/Site Port	1	38103	1	38103	1	38103
5H	FLUE COLL. TOP PLATE	1	38124	1	38127	1	38131
5J	BAFFLE ASSEMBLY						
	Anti-Bypass Baffle	1	38224	1	38227	2	38231
	Horizontal Baffle	1	38194	1	38197	1	38201
	First Vertical Baffle	1	38490	1	38490	1	38490
	Second Vertical Baffle	1	38491	1	38491	1	38491
	Face Baffles (18" STRIP, NO OF STRIPS)	1	24529			1	24529
	Face Baffles (18" STRIP, NO OF STRIPS)			1	24528	1	24528
5K	FLUE EXTENSION CONNECTION	1	38184	1	38185	1	38185
5L	FLUE COLL. SIDE ASSEMBLY "A"						
	Side Panel "A" 22-9/16" Wide	1	38110	--	--	--	--
5M	SIDE PANEL "A" INSULATION	1	38116	--	--	--	--
	FLUE COLL. SIDE ASSEMBLY "B"						
	Side Panel "B" 44-1/4" Wide	1	38114	--	--	--	--
	SIDE PANEL "B" INSULATION	1	38120	--	--	--	--

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I T E M	DESCRIPTION	EB75-W		EB100, EB125, EB150-W		EB175, EB200-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
	FLUE COLL. SIDE ASSEMBLY "C"						
	Side Panel "C" 45-1/16" Wide	--	--	1	38111	2	38111
	SIDE PANEL "C" INSULATION	--	--	1	38117	2	38117
	FLUE COLL. SIDE ASSEMBLY "D"						
	Side Panel "D" 53-7/8" Wide	--	--	--	--	1	38112
	SIDE PANEL "D" INSULATION	--	--	--	--	1	38118
	FLUE COLL. SIDE ASSEMBLY "E"						
	Side Panel "E" 57-1/8" Wide	--	--	1	38113	--	--
	SIDE PANEL "E" INSULATION	--	--	1	38119	--	--
6	JACKET FRAME ASSEMBLY	1	42874	1	42877	1	42881
6B	Insulation (Sq. Ft.) Total w/7T		42874.5		42877.5		42881.5
	JACKET ASSEMBLY (7-7Y)	1	42761	1	42764	1	42768
	JACKET FRONT PANEL ASSEMBLY						
7	Jacket Front	1	38251	1	38251	1	38251
7A	Front Burner Plug Cover	1	38487	1	38487	1	38487
7B	Jacket Screws, #14 x.5	28	25011	28	25011	28	25011
	JACKET SIDE ASSEMBLY						
7C	38" Panel	1	38337	2	38337	3	38337
7D	Modular Panel	1	38308	1	38311	1	38315
	Jacket Screws, #14 x.5	43	25011	63	25011	88	25011
	JACKET ACCESS PANEL ASSY						
7E	ACCESS PANEL ASSEMBLY "A"						
	Panel "A" Front 30-9/16"x74-1/2"	1	38265	1	38265	1	38265
7F	PANEL "A" INSULATION	1	38271	1	38271	1	38271

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I T E M	DESCRIPTION	EB75-W		EB100, EB125, EB150-W		EB175, EB200-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
	ACCESS PANEL ASSEMBLY "B"						
	Panel "B" 17-1/2"x74-1/2"	1	38261	--	--	--	--
	PANEL "B" INSULATION	1	38267	--	--	--	--
	ACCESS PANEL ASSEMBLY "C"						
	Panel "C" 22-5/16"x74-1/2"	1	38262	2	38262	4	38262
	PANEL "C" INSULATION	1	38268	2	38268	4	38268
	ACCESS PANEL ASSEMBLY "D"						
	Panel "D" 27-1/8"x72"	--	--	--	--	1	38263
	PANEL "D" INSULATION	--	--	--	--	1	38269
	ACCESS PANEL ASSEMBLY "E"						
	Panel "E" 30-5/16"x74-1/2"	--	--	1	38264	--	--
	PANEL "E" INSULATION	--	--	1	38270	--	--
	JACKET FILLER PANEL ASSY						
7M	Filler Panel	1	38278	1	38281	1	38285
	JACKET FILLER STRIP ASSY						
7N	Filler Strip Left	1	38275	1	38275	1	38275
7P	Filler Strip Right	1	38274	1	38274	1	38274
	JACKET TOP PANEL ASSEMBLY						
7Q	Top Panel - Front	1	38341	1	38345	1	38345
	Jacket Screws, #14 x .5	20	25011	20	25011	20	25011
7R	Top Panel - Center	--	--	1	38348	1	38360
	Jacket Screws, #14 x .5	--	--	5	25011	10	25011
7S	Top Panel - Rear			1	38344	1	38361
	Jacket Screws, #14 x .5			16	25011	20	25011
7T	JACKET TOP INSULATION (Sq. Ft.)	27	24597	42	24597	58	24597

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I T E M	DESCRIPTION	EB75-W		EB100, EB125, EB150-W		EB175, EB200-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
	JACKET REAR PANEL ASSEMBLY						
7U	Rear Panel	1	38253	1	38253	1	38253
	Rear Panel Access Plug Cover	1	38486	1	38486	1	38486
	Jacket Screws, #14 x .5	28	25011	28	25011	28	25011
	JACKET REAR INSULATION	1	38258	1	38258	1	38258
	JACKET TRIM ASSEMBLY						
7V	Vertical Moldings	4	38462	4	38462	4	38462
7W	Horizontal Moldings (Ends)	2	38465	2	38465	2	38465
7X	Horizontal Moldings (Sides)	2	38472	2	38475	2	38479
7Y	Corner Moldings	4	38468	4	38468	4	38468
	Jacket Screws, #14 x .5	47	25011	53	25011	60	25011
	FORCED DRAFT BURNER ASSEMBLY						
8	Forced Draft Burner Assembly						
8A	Forced Draft Burner Plug						
8B	Forced Draft Burner Spacer						
8C	Forced Draft Burner Gasket (Ft.)	10	24622	12	24622	14	24622
	WATER TRIM ASSEMBLY						
9A	Low Water Cut-Off (PS 851)						
9B	High Limit (L4008)						
9C	Operator (L4008)						
9D	Press/Temp. Ctrl (3"30-240°60# Std)						
9E	Relief Vlv (30#, 45#, 60# or 125# Std)						
9F	Control Panel						
10	Boiler Tube Driver *	1	28906	1	28906	1	28906
10A	Boiler Tube Puller *	1	28910	1	28910	1	28910
10B	Boiler Tube Brush *	1	28917	1	28917	1	28917

* Not Standard. Available Upon Request.