



BOILER PARTS AND ACCESSORIES

PRICE BOOK - July 1, 2014

TUBE PRICING

	Illustrated Parts			
	Water	Steam		
AB Series - Welded (Old Style)				
AB Series - BOLT - Current Style				
CL Series - Atmospheric				
CL Series - Forced Draft				
CLM Series - Atmospheric				
CLM Series - Forced Draft				
D Series				
DR Series				
F Series				
K Series				
L Series - Atmospheric				
L Series - Forced Draft				
LM Series - Atmospheric				
LM Series - Forced Draft				
RV Series - Standard				
RV Series - Knockdown				
RW Series				
Triple-Flex Series	TF200	TF200 RC	TF300	TF300 RC

BRYAN STEAM LLC * 783 CHILI AVENUE, PERU, IN 46970 * PHONE 765-473-6651 * 765-473-3074

* EMAIL parts@bryansteam.com

REPLACEMENT TUBES AND ACCESSORIES
ALL BOILER SERIES

PART NUMBER	DESCRIPTION	LIST PRICE	APPROX. WEIGHT LESS CRATE
TUBE TOOLS			
28905	1" TUBE PULLER (D, F, AB, CL, CLM, DR, TF)	\$115	4 #
28910	1.5" TUBE PULLER (K, L, EB, LM, RV, RW)	\$115	4 #
28906.1	1" TUBE DRIVER (D, F, AB, CL, CLM, DR) (<i>Old #28901</i>)	\$65	2 #
28903	1.5" TUBE DRIVER (K, L, EB, LM, RV, RW, TF)	\$115	3 #
28917	45" TUBE BRUSH (ALL BOILERS)	\$40	1 #
TUBE ATTACHMENTS			
25184	STUD, 3/8"-16 X 1 3/8" (D, F, CL, CLM)	\$2	N/A
25187	STUD, 3/8"-16 X 2 3/8" (K, L, AB, DR, EB, LM, RV, RW)	\$2	N/A
25186	STUD, S.S., 3/8"-16 X 1 3/4" (TRIPLE-FLEX)	\$3	N/A
25114	NUT, 3/8"-16 (ALL EXCEPT TF)	\$1	N/A
P20049	NUT, BRASS, 3/8"-16 (TRIPLE-FLEX)	\$3	N/A
23622	TUBE CLAMP, 1" (D, F, AB, CL, CLM, DR)	\$2	N/A
23623	TUBE CLAMP, 1.5" (K, L, EB, LM, RV, RW)	\$3	N/A
FLEXIBLE WATER TUBES			
3001	TUBE, 1" D/F SERIES, LONG	\$125	8 #
3002	TUBE, 1" D/F SERIES, SHORT	\$125	8 #
3201	TUBE, 1.5" L SERIES, RIGHT HAND	\$250	41 #
3202	TUBE, 1.5" L SERIES, LEFT HAND	\$250	41 #
400131	TUBE, 1" CL SERIES, REVERSABLE (<i>OLD #3374</i>)	\$155	15 #
3698	TUBE, 1.5" LM SERIES, SHORT	\$250	41 #
3699	TUBE, 1.5" LM SERIES, LONG	\$250	41 #
32124	TUBE, 1.5" K SERIES, OUTSIDE	\$250	41 #
32125	TUBE, 1.5" K SERIES, INSIDE	\$250	41 #
77120	TUBE, 1" AB SERIES, OUTSIDE	\$215	16 #
77121	TUBE, 1" AB SERIES, INSIDE	\$215	16 #
300016	TUBE, 1" DR SERIES, OUTSIDE	\$215	13 #
300017	TUBE, 1" DR SERIES, INSIDE	\$215	13 #
400176	TUBE, 1" CLM SERIES, REVERSABLE	\$155	15 #
38100	TUBE, 1.5" RV (EB) SERIES, OUTSIDE	\$260	34 #
38101	TUBE, 1.5" RV (EB) SERIES, INSIDE	\$260	34 #
50100	TUBE, 1.5" RW SERIES, INSIDE	\$275	36 #
50101	TUBE, 1.5" RW SERIES, OUTSIDE	\$275	36 #
P30030	TUBE, 1.5"/1" TF SERIES, CONVECTION	\$460	29 #
P30034	TUBE, 1.5"/1" TF SERIES, FURNACE	\$420	21 #

EFF. DATE: 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 2022-AB-W-FD

PAGE: AB - 1

FOR AB SERIES FORCED DRAFT, WATER BOILERS MODELS AB90 THRU AB250

ORDERING INSTRUCTIONS

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

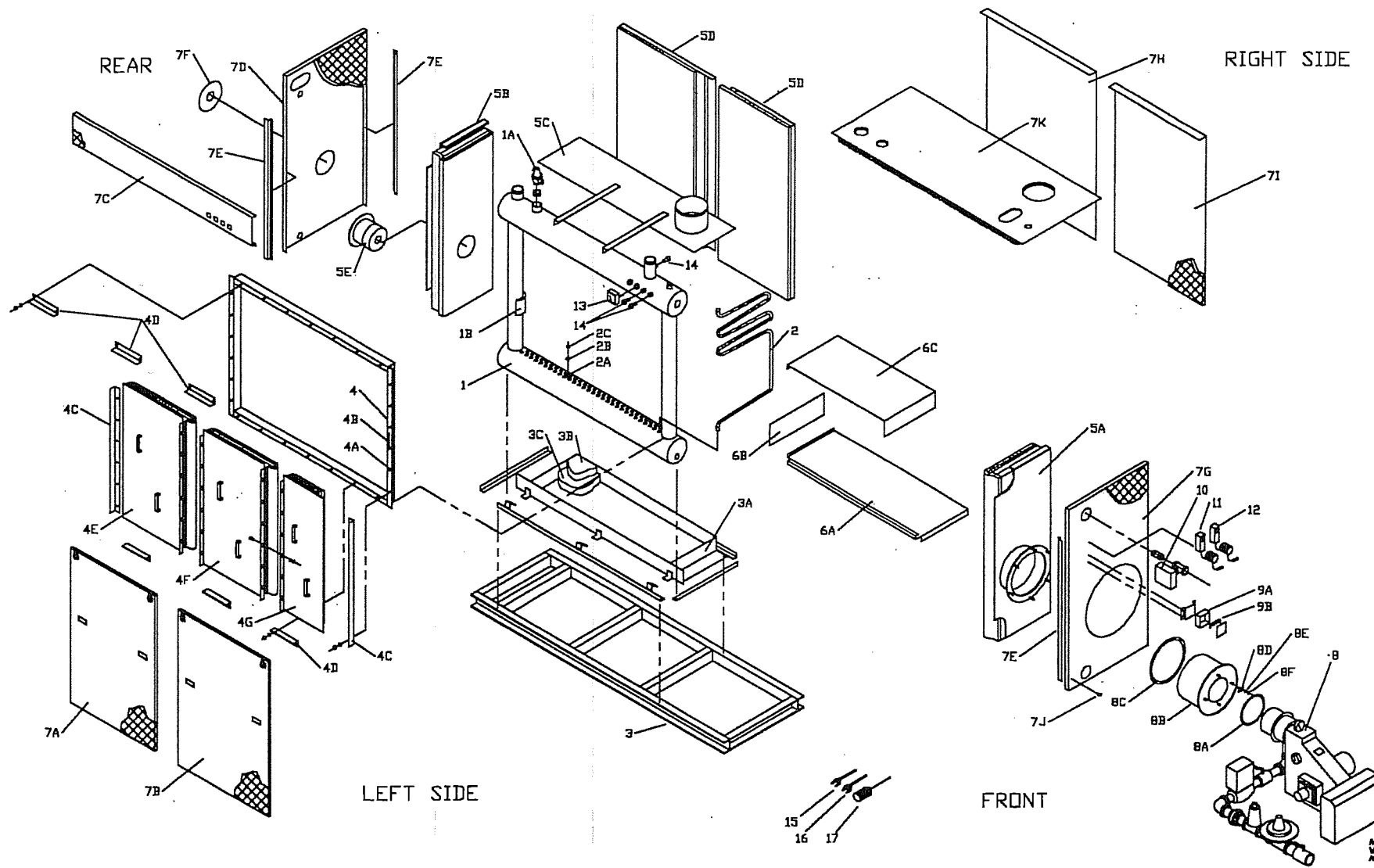
- | | |
|-------------------------------------|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	77120	Boiler Tubes	AB150	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



REVISION		BRYAN STEAM CORP.	
NO.	DATE	REV.	DATE
1	7-14-58	NONE	7/8
AB WATER BOILER EXPLODED VIEW		D20279	

EFF.DATE: 1/1/02

REPL.: 7/1/98

AB - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 2022

PAGE: AB - 3

ITEM	DESCRIPTION	AB90		AB120		AB150		AB200		AB250	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME - WELDED ASSY. - w/ Tubes	1	77100	1	77101	1	77102	1	77103	1	77104
1A	Relief Valve (30#, 45#, 60# or 125# Std.)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
1B	Boiler Frame Ceramic Fiber	1	77100.5	1	77101.5	1	77102.5	1	77103.5	1	77104.5
2	BOILER TUBE ASSEMBLY										
	Outside Tube	13	77120	18	77120	22	77120	30	77120	37	77120
	Inside Tube	13	77121	17	77121	22	77121	29	77121	37	77121
2A	Tube Stud (3/8"-16x2-3/8")	26	25187	35	25187	44	25187	59	25187	74	25187
2B	Tube Clamp	26	23621	35	23621	44	23621	59	23621	74	23621
2C	Nut (3/8")	26	25114	35	25114	44	25114	59	25114	74	25114
3	BASE ASSEMBLY	1	77130	1	77131	1	77132	1	77133	1	77134
3A	Floor Pan Assembly	1	77140	1	77141	1	77142	1	77143	1	77144
3B	Castable Refractory (bags)	2	24555	3	24555	3	24555	4	24555	4	24555
3C	Monoblock Insulation (24x36) no. of pieces	1	24507	1	24507	2	24507	2	24507	3	24507
4	TUBE PANEL FRAME	1	77150	1	77151	1	77152	1	77153	1	77154
4A	Frame Weld Stud (3/8"-16x1")	20	25183	22	25183	24	25183	26	25183	30	25183
4B	Frame Rope Gasket (Ft.)	15	24621	17	24621	18	24621	21	24621	24	24621
4C	Vertical Tube Panel Clamp	2	77160	2	77160	2	77160	2	77160	2	77160
	Washer (3/8")	12	25151	12	25151	12	25151	12	25151	12	25151
	Nut (3/8")	12	25114	12	25114	12	25114	12	25114	12	25114
4D	Horizontal Tube Panel Clamp	4	77161	4	77161	4	77161	6	77161	8	77161
	Washers (3/8")	8	25151	8	25151	8	25151	12	25151	16	25151
	Nuts (3/8")	8	25114	8	25114	8	25114	12	25114	16	25114
4E	Left Tube Panel			1	77170	1	77171	1	77170	1	77176
4F	Center Tube Panel	1	77174					1	77172	1	77172
4G	Right Tube Panel			1	77175	1	77175	1	77173	1	77175
	Left Tube Panel Insulation			1	77170.1	1	77171.1	1	77170.1	1	77176.1
	Center Tube Panel Insulation	1	77174.1					1	77172.1	1	77172.1
	Right Tube Panel Insulation			1	77175.1	1	77175.1	1	77173.1	1	77175.1

EFF.DATE: 1/1/02

REPL.: 7/1/98

AB - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 2022

PAGE: AB - 4

ITEM	DESCRIPTION	AB90		AB120		AB150		AB200		AB250	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	Panel Bolts (3/8"-16x1")	6	25024	6	25024	6	25024	12	25024	18	25024
	Panel Washers (3/8")	6	25151	6	25151	6	25151	12	25151	18	25151
	Panel Nuts (3/8")	6	25114	6	25114	6	25114	12	25114	18	25114
	Rope gasket per panel (feet)	5	24621	5	24621	5	24621	5	24621	5	24621
5A	Front Flue Collector	1	77200	1	77200	1	77200	1	77200	1	77200
	Front Flue Collector Insulation	1	77200.1	1	77200.1	1	77200.1	1	77200.1	1	77200.1
	Front Weld Stud (3/8"-16x1-3/4")	8	25186	8	25186	8	25186	8	25186	8	25186
5B	Rear Flue Collector	1	77201	1	77201	1	77201	1	77201	1	77201
	Rear Flue Collector Insulation Ceramic Blanket (Sq. Ft.) 1"	1	77201.1	1	77201.1	1	77201.1	1	77201.1	1	77201.1
5C	Top Flue Collector	1	77210	1	77211	1	77212	1	77213	1	77214
5D	Side Flue Collector Panel 1	1	77203	1	77203	1	77204	1	77204	1	77204
	Side Flue Collector Panel Insulation	1	77203.1	1	77203.1	1	77204.1	1	77204.1	1	77204.1
	Side Flue Collector Panel 2	1	77205	1	77206	1	77207	1	77208	1	77209
	Side Flue Collector Panel 2 Insulation	1	77205.1	1	77206.1	1	77207.1	1	77208.1	1	77209.1
5E	Peepsite, (W/cap, glass, & gasket)	1	77201.5	1	77201.5	1	77201.5	1	77201.5	1	77201.5
6A	Lower Horizontal Baffle	1	77230	1	77231	1	77232	1	77233	1	77234
6B	Vertical Baffle	1	77235	1	77235	1	77235	1	77235	1	77235
6C	Upper Horizontal Baffle	1	77240	1	77241	1	77242	1	77243	1	77244
	JACKET ASSEMBLY										
7A	Left Jacket Access Door	--	--	1	77311	1	77312	1	77313	1	77315
7B	Right jacket Access Door	1	77310	--	--	--	--	1	77310	1	77310
	Left Jacket Insulation	--	--	1	77311.1	1	77312.1	1	77313.1	1	77315.1
	Right Jacket Insulation	1	77310.1	--	--	--	--	1	77310.1	1	77310.1
7C	Upper Filler Panel	1	77320	1	77321	1	77322	1	77323	1	77324
7D	Rear Jacket End	1	77330	1	77330	1	77330	1	77330	1	77330
	Rear Jacket End Insulation	1	77330.1	1	77330.1	1	77330.1	1	77330.1	1	77330.1
7E	Jacket Door Filler Strip	2	77331	2	77331	2	77331	2	77331	2	77331
7F	Peepsite Access cover	1	77332	1	77332	1	77332	1	77332	1	77332
7G	Front End Jacket	1	77334	1	77334	1	77334	1	77334	1	77334
	Front End Jacket Insulation	1	77334.1	1	77334.1	1	77334.1	1	77334.1	1	77334.1
7H	Side Jacket Panel 1	1	77340	1	77341	1	77342	1	77343	1	77343

EFF.DATE: 1/1/02

REPL.: 7/1/98

AB - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 2022

PAGE: AB - 5

ITEM	DESCRIPTION	AB90		AB120		AB150		AB200		AB250	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	Side Jacket Panel 1 Insulation	1	77340.1	1	77341.1	1	77342.1	1	77343.1	1	77343.1
7I	Side Jacket Panel 2	--	--	1	77344	1	77344	1	77344	1	77345
	Side Jacket Panel 2 Insulation	--	--	1	77344.1	1	77344.1	1	77344.1	1	77345.1
7J	Jacket Screw, #14 x .5	--	25011	--	25011	--	25011	--	25011	--	25011
7K	Jacket Top	1	77350	1	77351	1	77352	1	77353	1	77354
	Top Jacket Insulation	1	77350.1	1	77351.1	1	77352.1	1	77353.1	1	77354.1
	BURNER ASSEMBLY										
8	Forced Draft Burner	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
8A	Burner Rope Gasket (Ft.)	6	24622	6	24622	6	24622	6	24622	6	24622
8B	Burner Plug	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
	Burner Plug Weld Studs (3/8"-16x1-3/4")	8	25186	8	25186	8	25186	1	25186	1	25186
8C	Burner Plug Rope Gasket	12	24622	12	24622	12	24622	12	24622	12	24622
8D	Burner Plug Retaining Clip Nut	8	25114	8	25114	8	25114	8	25114	8	25114
8E	Washers (1/2")	8	25153	8	25153	8	25153	8	25153	8	25153
8F	Nuts (1/2")	8	25115	8	25115	8	25115	8	25115	8	25115
	CONTROLS										
9A	Junction Box	1	2007.1	1	2007.1	1	2007.1	1	2007.1	1	2007.1
9B	Terminal Strip	1	2183	1	2183	1	2183	1	2183	1	2183
10	Probe Type LWCO (PS851)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
11	High Limit Aquastat (L4008A)										
12	Operating Aquastat (L4008A)										
13	Pressure Temperature Gauge (30-240°F-60# Std.)										
14	1/2" Aquastat Well	2	28108	2	28108	2	28108	2	28108	2	28108
	TOOLS										
15	Boiler Tube Driver *	1	28901	1	28901	1	28901	1	28901	1	28901
16	Boiler Tube Puller *	1	28905	1	28905	1	28905	1	28905	1	28905
17	Boiler Tube Brush *	1	28917	1	28917	1	28917	1	28917	1	28917

* Optional Items. Available Upon Request.

EFF. DATE: 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 2023-AB-FD-S

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FOR AB SERIES FORCED DRAFT, STEAM BOILERS MODELS AB90 THRU AB250

ORDERING INSTRUCTIONS

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

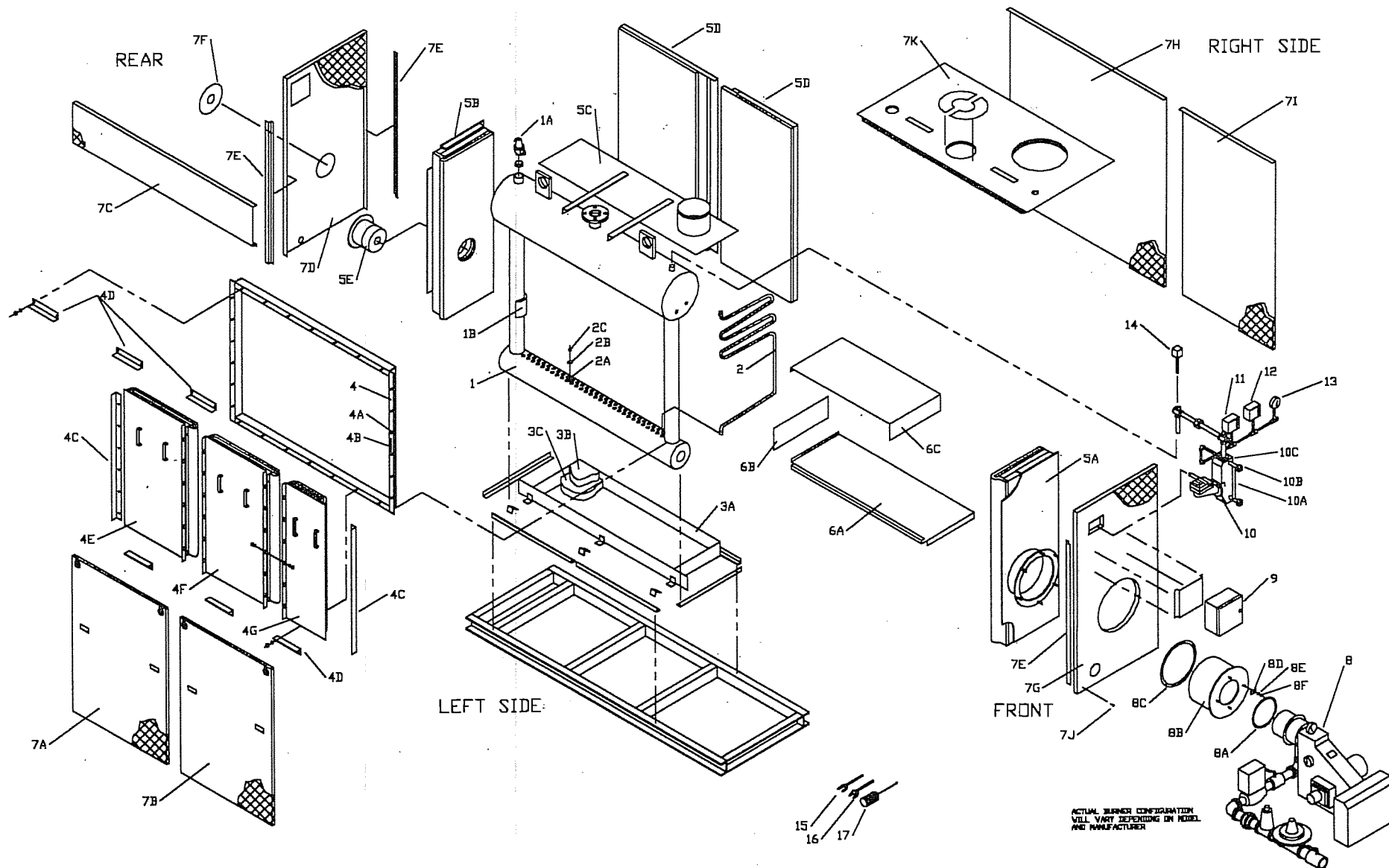
- | | |
|-------------------------------------|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

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	77121	Boiler Tubes	AB200	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
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REVISION		BRYAN STEAM CORP.	
NO.	DATE	P.O. BOX 87	POPLAR, INDIANA 46374
AB STEAM BOILER		EXPLODED VIEW	
REV. NO.	REV. DATE	REV. NO.	REV. DATE
1	7-15-36	NONE	F2
D20280		D20280	

EFF.DATE: 1/1/02

REPL.: 7/1/98

AB - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 2023

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ITEM	DESCRIPTION	AB90		AB120		AB150		AB200		AB250	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSEMBLY - 15#, w/tubes	1	79100	1	79101	1	79102	1	79103	1	79104
	BOILER FRAME ASSEMBLY - 150#, w/tubes	1	78100	1	78101	1	78102	1	78103	1	78104
1A	Relief Valve (15# or 150# Std.)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
1B	Boiler Frame Ceramic Fiber	1	77100.5	1	77101.5	1	77102.5	1	77103.5	1	77104.5
2	BOILER TUBE ASSEMBLY										
	Outside Tube	13	77120	18	77120	22	77120	30	77120	37	77120
	Inside Tube	13	77121	17	77121	22	77121	29	77121	37	77121
2A	Tube Stud (3/8"-16x2-3/8"	26	25187	35	25187	44	25187	59	25187	74	25187
2B	Tube Clamp	26	23621	35	23621	44	23621	59	23621	74	23621
2C	Nut (3/8")	26	25114	35	25114	44	25114	59	25114	74	25114
3	BASE ASSEMBLY	1	78130	1	78131	1	78132	1	78133	1	78134
3A	Floor Pan Assembly	1	77140	1	77141	1	77142	1	77143	1	77144
3B	Castable Refractory (50# bags)	2	24555	3	24555	3	24555	4	24555	4	24555
3C	Monoblock Insulation 2-1/2" (24x36) no. of pieces	1	24507	1	24507	2	24507	2	24507	3	24507
4	TUBE PANEL FRAME	1	78150	1	78151	1	78152	1	78153	1	78154
4A	Frame Weld Stud (3/8"-16x1")	20	25183	22	25183	24	25183	26	25183	30	25183
4B	Frame Rope Gasket (Ft.)	15	24621	17	24621	18	24621	21	24621	24	24621
4C	Vertical tube Panel Clamp	2	77160	2	77160	2	77160	2	77160	2	77160
	Washers (3/8")	12	25151	12	25151	12	25151	12	25151	12	25151
	Nuts (3/8")	12	25114	12	25114	12	25114	12	25114	12	25114
4D	Horizontal Tube Panel Clamp	4	77161	4	77161	4	77161	6	77161	8	77161
	Washers (3/8")	8	25151	8	25151	8	25151	12	25151	16	25151
	Nuts (3/8")	8	25114	8	25114	8	25114	12	25114	16	25114
4E	Left Tube Panel	--	--	1	77170	1	77171	1	77170	1	77176
4F	Center Tube Panel	1	77174	--	--	--	--	1	77172	2	77172
4G	Right Tube Panel	--	--	1	77175	1	77175	1	77173	1	77175
	Left Tube Panel Insulation	--	--	1	77170.1	1	77171.1	1	77170.1	1	77176.1
	Center Tube Panel Insulation	1	77174.1	--	--	--	--	1	77172.1	1	77172.1
	Right Tube Panel Insulation	--	--	1	77175.1	1	77175.1	1	77173.1	1	77175.1

EFF.DATE: 1/1/02

REPL.: 7/1/98

AB - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 2023

PAGE: AB - 9

ITEM	DESCRIPTION	AB90		AB120		AB150		AB200		AB250	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	Panel Bolts (3/8"-16x1")	6	25024	6	24024	6	24024	12	25024	18	25024
	Panel Washers (3/8")	6	25151	6	25151	6	25151	12	25151	18	25151
	Panel Nuts (3/8")	6	25114	6	25114	6	25114	12	25114	18	25114
	Rope gasket per panel (feet)	5	24621	5	24621	5	24621	5	24621	5	24621
	FLUE COLLECTOR ASSEMBLY										
5A	Front Flue Collector	1	77200	1	77200	1	77200	1	77200	1	77200
	Front Flue Collector Insulation	1	77200.1	1	77200.1	1	77200.1	1	77200.1	1	77200.1
	Front Weld Stud (3/8"-16x1-3/4")	8	25186	8	25186	8	25186	8	25186	8	25186
5B	Rear Flue Collector	1	77201	1	77201	1	77201	1	77201	1	77201
	Rear Flue Collector Insulation	1	77201.1	1	77201.1	1	77201.1	1	77201.1	1	77201.1
5C	Top Flue Collector	1	77210	1	77211	1	77212	1	78213	1	78214
5D	Side Flue Collector Panel 1	1	77203	1	77203	1	77204	1	77204	1	77204
	Side Flue Collector Panel 2	1	77205	1	77206	1	77207	1	77208	1	77209
	Side Flue Collector Panel 1 Insulation	1	77203.1	1	77203.1	1	77204.1	1	77204.1	1	77204.1
	Side Flue Collector Panel 2 Insulation	1	77205.1	1	77206.1	1	77207.1	1	77208.1	1	77209.1
5E	Peepsite Plug, (W/cap, glass, & gasket)	1	77201.5	1	77201.5	1	77201.5	1	77201.5	1	77201.5
6A	Lower Horizontal Baffle	1	77230	1	77231	1	77232	1	77233	1	77234
6B	Vertical Baffle	1	77235	1	77235	1	77235	1	77235	1	77235
6C	Upper Horizontal Baffle	1	77240	1	77241	1	77242	1	77243	1	77244
	JACKET ASSEMBLY										
7											
7A	Left Jacket Access Door	--	--	1	77311	1	77312	1	77313	1	77315
7B	Right Jacket Access Door	1	77310	--	--	--	--	1	77310	1	77310
	Left Jacket Door Insulation	--	--	1	77311.1	1	77312.1	1	77313.1	1	77315.1
	Right Jacket Door Insulation	1	77310.1	--	--	--	--	1	77310.1	1	77310.1
7C	Filler Panel	1	78320	1	78321	1	78322	1	78323	1	78324
7D	Rear Jacket End	1	78330	1	78330	1	78330	1	78330	1	78330
	Rear Jacket End Insulation	1	78330.1	1	78330.1	1	78330.1	1	78330.1	1	78330.1
7E	Jacket Door Filler Strip	2	77331	2	77331	2	77331	2	77331	2	77331
7F	Peepsite Access Cover	1	77332	1	77332	1	77332	1	77332	1	77332
7G	Front End Jacket	1	78334	1	78334	1	78334	1	78334	1	78334
	Front End Jacket Insulation	1	78334.1	1	78334.1	1	78334.1	1	78334.1	1	78334.1
7H	Side Jacket Panel 1	1	78340	1	78341	1	78342	1	78343	1	78343
7I	Side Jacket Panel 2	--	--	1	78341	1	78341	1	78341	1	78340
	Side Jacket Panel 1 Insulation	1	78340.1	1	78341.1	1	78342.1	1	78343.1	1	78343.1

EFF.DATE: 1/1/02

REPL.: 7/1/98

AB - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 2023

PAGE: AB - 10

ITEM	DESCRIPTION	AB90		AB120		AB150		AB200		AB250	
		QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.
	Side Jacket Panel 2 Insulation	--	--	1	78341.1	1	78341.1	1	78341.1	1	78340.1
7J	Jacket Screw, #14 x .5	--	25011	--	25011	--	25011	--	25011	--	25011
7K	Jacket Top	1	78350	1	78351	1	78352	1	78353	1	78354
	Jacket Top Insulation	1	78350.1	1	78351.1	1	78352.1	1	78353.1	1	78354.1
	BURNER ASSEMBLY										
8	Forced Draft Burner	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
8A	Burner Rope Gasket (Ft.)	6	24622	6	24622	6	24622	6	24622	6	24622
8B	Burner Plug	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
	Burner Plug Weld Studs (3/8"-16x1-3/4")	8	25816	8	25816	8	25816	8	25816	8	25816
8C	Burner Plug Rope gasket, (feet)	12	24622	12	24622	12	24622	12	24622	12	24622
8D	Burner Plug Retaining Clip Nut	8	25114	8	25114	8	25114	8	25114	8	25114
8E	Washers (1/2")	8	25153	8	25153	8	25153	8	25153	8	25153
8F	Nuts (1/2")	8	25115	8	25115	8	25115	8	25115	8	25115
	CONTROLS										
9	10"x10" Control Box	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
10	Float LWCO/Pump Control (157SRB Std.)										
10A	Gauge Glass (20-251-10)										
10B	Gauge Glass Valves										
10C	Trycocks * (26-315-01)										
11	Pressuretrol-Operator (L404 Std.)										
12	Pressuretrol - High Limit (L404 Std.)										
13	Pressure Gauge (30#, 80#, 100#, 200#, 300# Std.)										
14	Auxiliary Probe LWCO (750 Std.)										
	TOOLS										
15	Tube Driver *	1	28901	1	28901	1	28901	1	28901	1	28901
16	Tube Puller *	1	28905	1	28905	1	28905	1	28905	1	28905
17	Tube Brush **	1	28917	1	28917	1	28917	1	28917	1	28917

* Optional Items on 15 PSIG Steam, Standard on 150 PSIG Steam

** Optional Item. Available Upon Request

EFF. DATE 3/26/05

REPL. NEW

ILLUSTRATED PARTS LIST

FORM 2346

Page: AB-BT-W-1

FOR AB – SERIES, FORCED DRAFT, WATER BOILERS AB90 THRU AB300

ORDERING INSTRUCTIONS

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

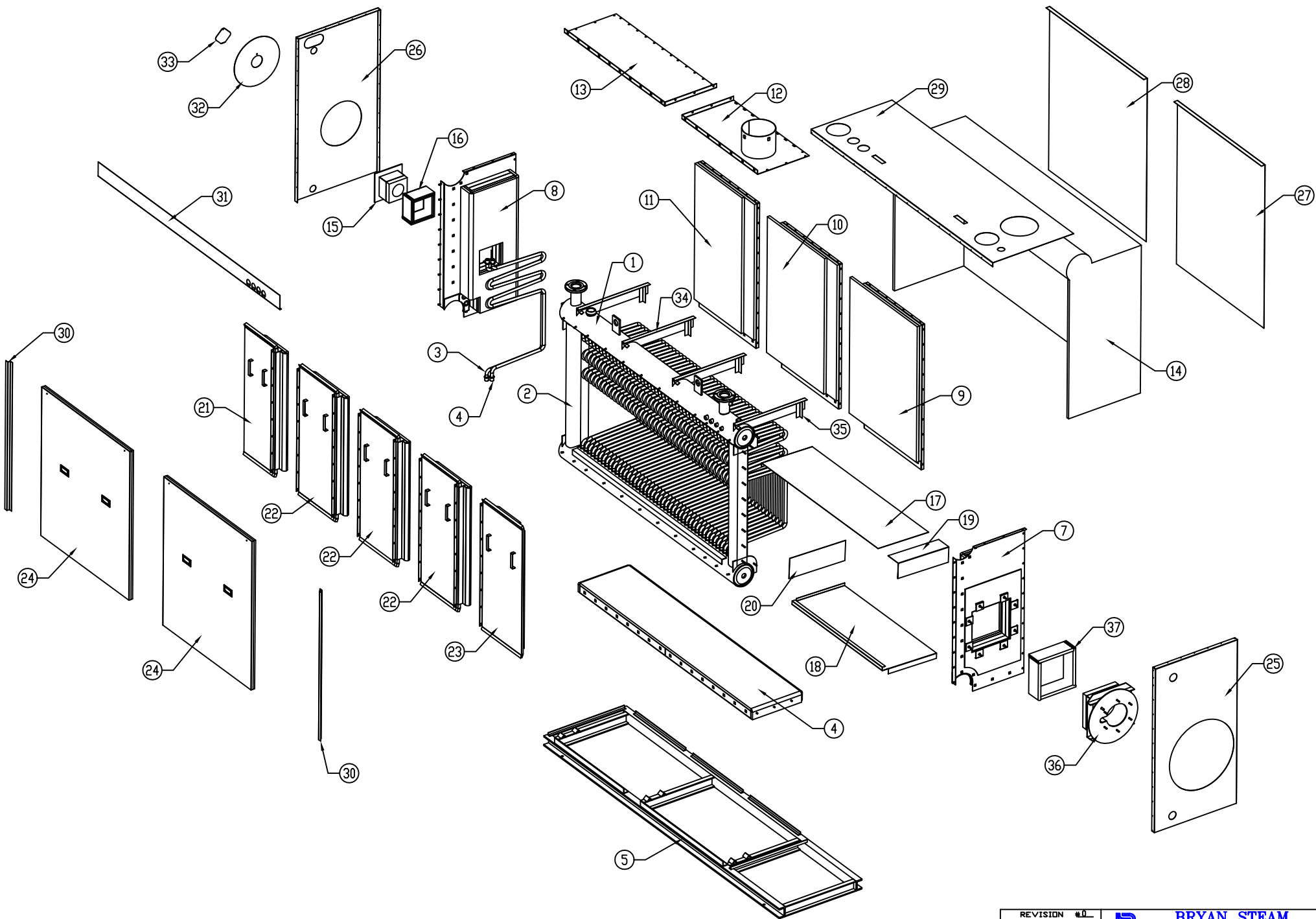
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	77120	Boiler Tubes	AB150	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



REVISION		6.0	
APPROVED BY	DATE	APPROVED BY	DATE
DESIGNED BY	DATE	DESIGNED BY	DATE
REVISED BY	DATE	REVISED BY	DATE
DRAWN BY		JSL	
DATE		3/28/05	
SOLD		NONE	
REV		FS	
P&G NO.		A21219	



BRYAN STEAM
783 North Chili Avenue Peru, IN 46970

P&G TITLE: AB BOLT TOGETHER WATER ASSEMBLY EXPLODED VIEW

REPL.: NEW

FORM: 2346
PAGE: AB - BT - FD - W - 2

ITEM	DESCRIPTION	AB90-W		AB120-W		AB150-W		AB200-W		AB250-W		AB300-W	
		REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.
24	JACKET DOOR												
	Jacket Access Door Assembly (#1)	--	--	--	--	--	--	1	400177.34	--	--	--	--
	Jacket Access Door Assembly (#2)	1	400177.41	--	--	--	--	1	400177.41	1	400177.41	--	--
	Jacket Access Door Assembly (#3)	--	--	--	--	--	--	--	--	1	400177.50	--	--
	Jacket Access Door Assembly (#4)	--	--	1	400177.51	--	--	--	--	--	--	--	--
	Jacket Access Door Assembly (#5)	--	--	--	--	2	400177.30	--	--	--	--	--	--
	Jacket Access Door Assembly (#6)	--	--	--	--	--	--	--	--	--	--	2	400177.53
	JACKET PANELS												
25	Jacket Front (Burner End)	1	300547	1	300547	1	300547	1	300547	1	300547	1	300547
26	Jacket Rear (Peep Site End)	1	300548	1	300548	1	300548	1	300548	1	300548	1	300548
27	Jacket Side (First Panel)	1	77340		77341	1	77342	1	77343	1	77343	1	77343
28	Jacket Side (Second Panel)	--	--	--	--	1	77341	1	77341	1	77340	1	77344
29	Jacket Top	1	78350	1	78351	1	78352	1	78353	1	78354	1	300399
30	Jacket Door Filler Strip	2	38274	2	38274	2	38274	2	38274	2	38274	2	38274
31	Jacket Door Bar	1	300545.45	1	300545.54	1	300545.63	1	300545.79	1	300545.94	1	300545.108
32	Jacket Peep Site Overlay	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486
33	Jacket Peep Site Ovservation Port Overlay	1	38485	1	38485	1	38485	1	38485	1	38485	1	38485
34	Jacket Support	2	300333	2	300333	2	300333	4	300333	4	300333	4	300333
35	Jacket Support Bracket	2	300118.7	2	300118.7	2	300118.7	4	300118.7	4	300118.7	4	300118.7
	BURNER ASSEMBLY												
	BURNER - See Burner Parts Data Sheet	REFER TO EQUIPMENT LIST											
36	Burner Plug	Contact Bryan Steam with burner model and manufacture information											
37	Burner Plug Filler Insulation	4	300529	4	300529	4	300529	4	300529	4	300529	4	300529
	Rope Gasket (Ft.)	10	24621	10	24621	10	24621	10	24621	10	24621	10	24621
	CONTROL EQUIPMENT LIST												
	Junction Box w/Cover or Control Box	CONSULT EQUIPMENT LIST											
	Terminal Strip *												
	Aquastat - Operator												
	Aquastat - High Limit												
	Aquastat Well												
	Low Water Cut Off												
	Wire Molding	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606
	WATER TRIM												
	Comb.Temp/Press.Gauge	CONSULT EQUIPMENT LIST											
	Pressure Relief Valve												

EFF DATE: 3/26/05

REPL.: NEW

**AB BOLT TOGETHER
FORCED DRAFT - WATER
PARTS LIST**

FORM: 2346

PAGE: AB - BT - FD - W - 3

ITEM	DESCRIPTION	AB90-W		AB120-W		AB150-W		AB200-W		AB250-W		AB300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
	INDIRECT WATER HEATER												
	Heat Exchanger Gasket 8"	1	29189	1	29189	1	29189	1	20189	1	29189	1	29189
	Indirect Heat Exchanger	CONSULT EQUIPMENT LIST											
	Expansion Tank												
	Boiler Fill Valve												
	Heat Exchanger Relief Valve (WT ONLY)												
	Pool Water Temperature Control (WP ONLY)												
	SERVICE TOOLS												
	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
	Tube Brush **	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916

* Depends on Number of Terminals Required

** Not Standard. Available Upon Request.

EFF. DATE 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 2347

Page: AB-BT-S-1

FOR AB – SERIES, FORCED DRAFT, STEAM BOILERS AB90 THRU AB300

ORDERING INSTRUCTIONS

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

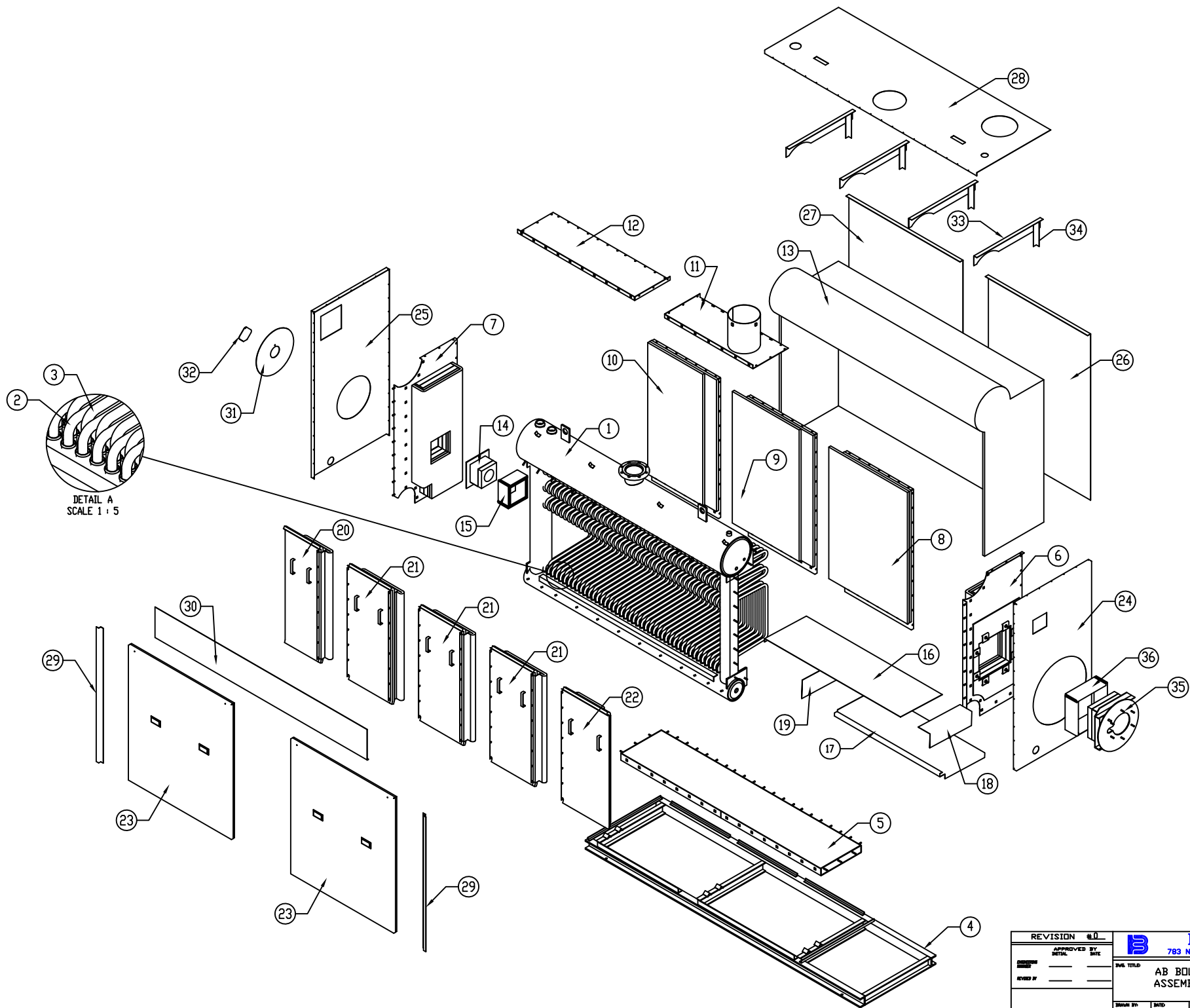
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	77120	Boiler Tubes	AB150	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



REVISION		BRYAN STEAM	
4.0		783 North Chili Avenue Peru, IN 46970	
APPROVED BY		DWG TITLE	
DATE		AB BOLT TOGETHER STEAM	
REVISED BY		ASSEMBLY EXPLODED VIEW	
DRAWN BY		DWG NO.	
JSL	3/28/05	NONE	A21220

REPL.: NEW

AB BOLT TOGETHER

FORM: 2347

ITEM	DESCRIPTION	AB90-S		AB120-S		AB150-S		AB200-S		AB250-S		AB300-S	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
1	PRESSURE VESSEL - (With Tubes) - 15#	1	400221.90	1	400221.120	1	400221.150	1	400221.200	1	400221.250	1	400221.300
1	PRESSURE VESSEL - (With Tubes) - 150#	1	400249.90	1	400249.120	1	400249.150	1	400249.200	1	400249.250	1	400249.300
	Pressure Vessel Downcomer Insulation	2	300619	2	300619	2	300619	2	300619	2	300619	2	300619
	BOILER TUBE ASSEMBLY												
2	Boiler Outside Tube	13	77120	18	77120	22	77120	30	77120	37	77120	44	77120
3	Boiler Inside Tube	13	77121	17	77121	22	77121	29	77121	37	77121	44	77121
	Boiler Tube Studs (3/8"-16 x 2-3/8")	26	25187	35	25187	44	25187	59	25187	74	25187	88	25187
	Tube Clamp	26	23622	35	23622	44	23622	59	23622	74	23622	88	23622
	Tube Clamp Nut (3/8")	26	25114	35	25114	44	25114	59	25114	74	25114	88	25114
	BOILER BASE												
4	Boiler Base Assembly	1	400211.90	1	400211.120	1	400211.150	1	400211.200	1	400211.250	1	400211.300
5	Floor Pan Assembly	1	400034.90	1	400034.120	1	400034.150	1	400034.200	1	400034.250	1	400034.300
	FLUE COLLECTOR PANELS												
6	Flue Collector - Front Assembly	1	400222	1	400222	1	400222	1	400222	1	400222	1	400222
7	Flue Collector - Rear Assembly	1	400223	1	400223	1	400223	1	400223	1	400223	1	400223
8	Flue Collector - Side Starter Panel Assembly	1	400179.38	1	400179.23S	1	400179.28S	1	400179.34S	1	400179.29S	1	400179.34S
9	Flue Collector - Side Center Panel Assembly	--	--	--	--	--	--	--	--	1	400179.29C	1	400179.34C
10	Flue Collector - Side End Panel Assembly	--	--	1	400179.23E	1	400179.28E	1	400179.38E	1	400179.29E	1	400179.34E
11	Flue Collector - Top Front Assembly	1	400217.90	1	400217.120	1	400217.150	1	400217.200	1	400217.250	1	400217.300
12	Flue Collector - Top Rear	--	--	--	--	--	--	--	--	1	300468.47	1	300468.61
13	Flue Collector - Outside Wrap Insulation	1	300606.90	1	300606.120	1	300606.150	1	300606.200	1	300606.250	1	300606.300
14	Flue Collector - Peep Site Plug	1	400214	1	400214	1	400214	1	400214	1	400214	1	400214
15	Flue Collector - Peep Site Plug Insulation	4	300543	4	300543	4	300543	4	300543	4	300543	4	300543
	TUBE BAFFELS												
16	Upper Horizontal Tube Baffle	1	77240	1	77241	1	77242	1	77243	1	77244	1	300617
17	Lower Horizontal Tube Baffle	1	77230	1	77231	1	77232	1	77233	1	77234	1	300618
18	Upper Vertical Tube Baffle	1	300675	1	300675	1	300675	1	300675	1	300675	1	300675
19	Lower Vertical Tube Baffle	1	77235	1	77235	1	77235	1	77235	1	77235	1	77235
	TUBE ACCESS PANELS												
20	Tube Access Starter Panel Assembly	1	400220.18	1	400220.27	1	400220.18	1	400220.18	1	400220.18	1	400220.18
21	Tube Access Filler Panel Assembly	--	--	--	--	1	400220.19	1	400220.34	1	400220.28	3	400220.22
22	Tube Access Burner Panel Assembly	1	400220.24	1	400220.24	1	400220.24	1	400220.24	1	400220.24	1	400220.24

EFF.DATE: 3/26/05

REPL.: NEW

**AB BOLT TOGETHER
FORCED DRAFT - STEAM
PARTS LIST**

FORM: 2347

PAGE: AB - BT - FD - S - 2

ITEM	DESCRIPTION	AB90-S		AB120-S		AB150-S		AB200-S		AB250-S		AB300-S	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
23	JACKET DOOR												
	Jacket Access Door Assembly (#1)	--	--	--	--	--	--	1	400177.34	--	--	--	--
	Jacket Access Door Assembly (#2)	1	400177.41	--	--	--	--	1	400177.41	1	400177.41	--	--
	Jacket Access Door Assembly (#3)	--	--	--	--	--	--	--	--	1	400177.50	--	--
	Jacket Access Door Assembly (#4)	--	--	1	400177.51	--	--	--	--	--	--	--	--
	Jacket Access Door Assembly (#5)	--	--	--	--	2	400177.30	--	--	--	--	--	--
	Jacket Access Door Assembly (#6)	--	--	--	--	--	--	--	--	--	--	2	400177.53
	JACKET PANELS												
24	Jacket Front (Burner End)	1	78334	1	78334	1	78334	1	78334	1	78334	1	78334
25	Jacket Rear (Peep Site End)	1	78330	1	78330	1	78330	1	78330	1	78330	1	78330
26	Jacket Side (First Panel)	1	78340		78341	1	78342	1	78343	1	78343	1	78343
27	Jacket Side (Second Panel)	--	--	--	--	1	78341	1	78341	1	78340	1	78344
28	Jacket Top	1	78350	1	78351	1	78352	1	78353	1	78354	1	300398
29	Jacket Door Filler Strip	2	38274	2	38274	2	38274	2	38274	2	38274	2	38274
30	Jacket Door Bar	1	300546.45	1	300546.54	1	300546.63	1	300546.79	1	300546.94	1	300546.108
31	Jacket Peep Site Overlay	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486
32	Jacket Peep Site Observation Port Overlay	1	38485	1	38485	1	38485	1	38485	1	38485	1	38485
33	Jacket Support	2	300332	2	300332	2	300332	4	300332	4	300332	4	300332
34	Jacket Support Bracket	2	300118.11	2	300118.11	2	300118.11	4	300118.11	4	300118.11	4	300118.11
	BURNER ASSEMBLY												
	BURNER - See Burner Parts Data Sheet												
35	Burner Plug (Gordon Piatt Burner)	1	400252	1	400252	1	400252	1	400252	1	400252	1	400252
36	Burner Plug Filler Insulation	4	300529	4	300529	4	300529	4	300529	4	300529	4	300529
	Rope Gasket (Ft.)	10	24621	10	24621	10	24621	10	24621	10	24621	10	24621
	STEAM TRIM												
	Control Panel												
	Terminal Strip *												
	Gauge Glass												
	Gauge Glass Valves												
	Pressuretrol - Operator												
	Pressuretrol - High Limit												
	Low Water Cut Off & Pump Control												
	Auxiliary Low Water Cut Off												
	Try Cocks												
	Pressure Gauge												

REFER TO EQUIPMENT LIST

EFF.DATE: 3/26/05

REPL.: NEW

**AB BOLT TOGETHER
FORCED DRAFT - STEAM
PARTS LIST**

FORM: 2347

PAGE: AB - BT - FD - S - 3

ITEM	DESCRIPTION	AB90-S		AB120-S		AB150-S		AB200-S		AB250-S		AB300-S	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
	STEAM TRIM	REFER TO EQUIPMENT LIST											
	Pressure Shutoff Cock												
	Blowdown Valves (Optional)												
	Pressure Relief Valve												
	SERVICE TOOLS												
	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
	Tube Brush ***	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

* Depends on Number of Terminals Required

** Furnished as Standard on High Pressure Steam Only

*** Not Standard. Available Upon Request.

EFF. DATE 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 1386-CL-G-W

PAGE: CL-ATM-1

FOR CL-SERIES, ATMOSPHERIC GAS, WATER BOILERS CL75 THRU CL300

ORDERING INSTRUCTIONS

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

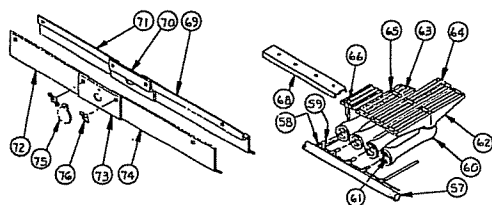
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

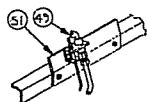
PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3374	Boiler Tubes	CL240	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



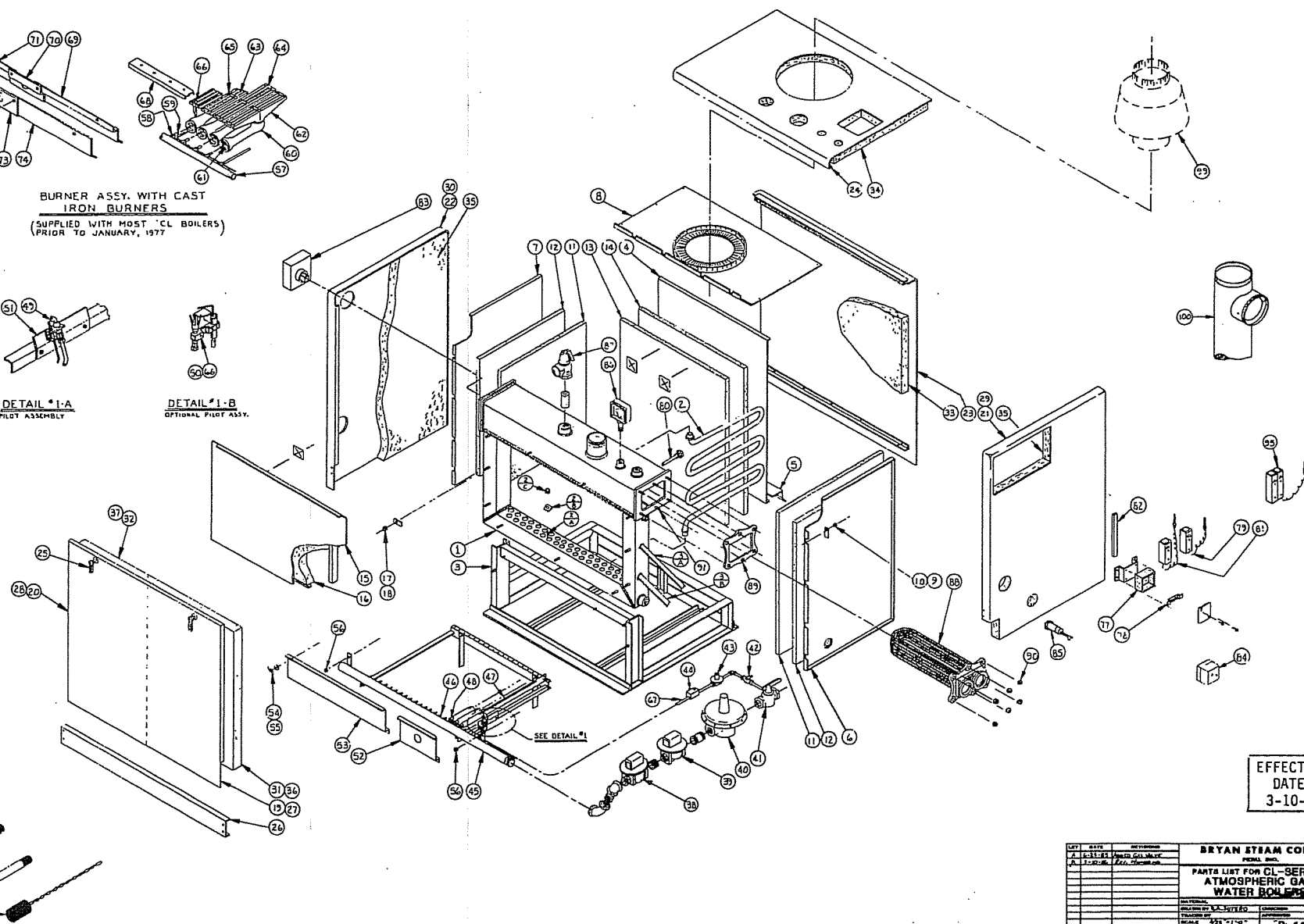
**BURNER ASSY. WITH CAST
IRON BURNERS**
(SUPPLIED WITH MOST "CL" BOILERS
PRIOR TO JANUARY, 1977)



DETAIL #1-A
PILOT ASSEMBLY



DETAIL #1-B
OPTIONAL PILOT ASSY.



EFFECTIVE
DATE
3-10-86

REV	DATE	DESCRIPTION	BY	CHKD
A	10-11-83	Added Gas Valve		
A	12-02-86	Added 25-000-00		
BRYAN STEAM CORP.				
PARTS LIST FOR CL-SERIES,				
ATMOSPHERIC GAS,				
WATER BOILERS				
PREPARED BY: J.A. WITKO				
CHECKED BY: J.A. WITKO				
SCALE: 3/16" = 1"				
DATE: 2-10-79				
D-11840				

REPL: 4/1/97

ATMOSPHERIC GAS - WATER

PAGE: CL - ATM - 3

ITEM	DESCRIPTION	CL90-W		CL120-W		CL150-W		CL180-W		CL210-W		CL240-W		CL270-W		CL300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
1	BOILER FRAME ASSEMBLY (w/tubes)	1	4228	1	4229	1	4230	1	4231	1	4232	1	4233	1	4234	1	4235
	BOILER TUBE ASSEMBLY																
2	Boiler Tube	27	3374	36	3374	45	3374	54	3374	63	3374	72	3374	81	3374	90	3374
2A	Boiler Tube Clamp Stud	26	25184	36	25184	44	25184	54	25184	62	25184	72	25184	80	25184	90	25184
2B	Tube Clamp	26	23622	36	23622	44	23622	54	23622	62	23622	72	23622	80	23622	90	23622
2C	Tube Clamp Nut	26	25114	36	25114	44	25114	54	25114	62	25114	72	25114	80	25114	90	25114
3	BOILER BASE ASSEMBLY W/S.S. BURNERS	1	4308	1	4309	1	4310	1	4311	1	4312	1	4313	1	4314	1	4315
3A	Boiler/Vessel Support - Long 43"	--	--	--	--	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002
3B	Boiler/Vessel Support - Short (Kdown Only) 36"	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002
	FLUE COLLECTOR ASSEMBLY (4-10)	1	4316	1	4317	1	4318	1	4319	1	4320	1	4321	1	4322	1	4323
4	Flue Collector Rear	1	3531	1	3532	1	3533	1	3534	1	3535	1	3536	1	3537	1	3538
5	Baffle Shield	8	35310	1	35320	1	35330	1	35340	1	35350	1	35360	1	35370	1	35380
6	Flue Collector - Right End (43x26-1/2)	1	3539	1	3539	1	3539	1	3539	1	3539	1	3539	2	3539	1	3539
7	Flue Collector - Left End (43x26-1/2)	1	3540	1	3540	1	3540	1	3540	1	3540	1	3540	2	3540	1	3540
8	Flue Collector - Top	1	3541	1	3542	1	3543	1	3544	1	3545	1	3546	2	3547	1	3548
9	Flue Collector Nut 3/8" I.D.	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114	12	25112
10	Flue Collector Washer 3/8" I.D.	6	2127	6	2127	6	2127	6	2127	6	2127	6	2127	6	2127	6	2127
	FLUE COLLECTOR INSULATION ASSEMBLY (11-14)	1	4324	1	4325	1	4326	1	4327	1	4328	1	4329	1	4330	1	4331
11	Flue Collector End Insulation 1"	2	3549	2	3549	2	3549	2	3549	2	3549	2	3549	2	3549	2	3549
12	Flue Collector Insulation 1"	2	3550	2	3550	2	3550	2	3550	2	3550	2	3550	2	3550	2	3550
13	Flue Collector Rear Insulation 1"	1	3551	1	3552	1	3553	1	3554	1	3555	1	3556	1	3557	1	3558
14	Flue Collector Rear Insulation 1"	1	3559	1	3560	1	3561	1	3562	1	3563	1	3564	1	3565	1	3566
	TUBE PANEL ASSEMBLY (15-18)	1	4282	1	4283	1	4284	1	4285	1	4286	1	4287	1	4288	1	4289
15	Tube Panel	1	3435	1	3436	1	3437	1	3438	1	3439	1	3440	1	3441	1	3442
16	Tube Panel Insulation - 1" Inswool	1	3444	1	3445	1	3446	1	3447	1	3448	1	3449	1	3450	1	3451
17	Tube Panel Nut 3/8"	20	25114	20	25114	24	25114	24	25114	24	25114	24	25114	24	25114	24	25114
18	Tube Panel Washer 3/8" I.D.	20	2127	20	2127	24	2127	24	2127	24	2127	24	2127	24	2127	24	2127
	JACKET ASSEMBLY W/S.S. BURNERS (19-24)	1	4332	1	4333	1	4334	1	4335	1	4336	1	4337	1	4338	1	4339
19	Jacket Access Door (Type I)	1	3453	1	3454	1	3455	1	3453	1	3454	1	3458	1	3457	1	3456
20	Jacket Access Door (Type II)	--	--	--	--	--	--	1	3459	1	3459	1	3460	1	3460	1	3460
21	Jacket Right End - 50-1/8"x34-5/8"	1	3583	1	3583	1	3583	1	3583	1	3583	1	3583	1	3583	1	3583
22	Jacket Left End - 50-1/8"x34-5/8"	1	3584	1	3584	1	3584	1	3584	1	3584	1	3584	1	3584	1	3584

EFF. DATE: 1/1/02

REPL: 4/1/97

CL - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM 1386

PAGE: CL - ATM - 4

ITEM	DESCRIPTION	CL90-W		CL120-W		CL150-W		CL180-W		CL210-W		CL240-W		CL270-W		CL300-W	
		REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.
23	Jacket Rear	1	3464	1	3465	1	3466	1	3467	1	3468	1	3592	1	3593	1	3594
24	Jacket Top	1	3595	1	3596	1	3597	1	3598	1	3599	1	3600	1	3601	1	3602
25	Access Door Latch & Handle	2	29142	2	29142	2	29142	4	29142	4	29142	4	29142	4	29142	4	29142
26	Access Door Support Bar	1	3603	1	3604	1	3605	1	3606	1	3607	1	3608	1	3609	1	3610
	JACKET ASS. W/CAST IRON BNRS (23-24 & 27-30)	1	4340	1	4341	1	4342	1	4343	1	4344	1	4345	1	4346	1	4347
27	Jacket Access Door (Type I)	1	3575	1	3576	1	3577	1	3575	1	3576	1	3579	1	3580	1	3578
28	Jacket Access Door (Type II)	--	--	--	--	--	--	1	3581	1	3581	1	3582	1	3582	1	3582
29	Jacket Right End	1	3585	1	3585	1	3585	1	3585	1	3585	1	3585	1	3585	1	3585
30	Jacket Left End	1	3586	1	3586	1	3586	1	3586	1	3586	1	3586	1	3586	1	3586
	JACKET INSULATION ASS. W/S.S. BURNERS (31-35)	1	4348	1	4349	1	4350	1	4351	1	4352	1	4353	1	4354	1	4355
31	Access Door Insulation (Type I)	1	3611	1	3612	1	3613	1	3611	1	3612	1	3615	1	3616	1	3614
32	Access Door Insulation (Type I)	--	--	--	--	--	--	1	3617	1	3617	1	3618	1	3618	1	3618
33	Jacket Rear Insulation	1	3627	1	3628	1	3629	1	3630	1	3631	1	3632	1	3633	2	3634
34	Jacket Top Insulation	1	3635	1	3636	1	3637	1	3638	1	3639	1	3640	1	3641	1	3642
35	Jacket End Insulation	2	3643	2	3643	2	3643	2	3643	2	3643	2	3643	1	3643	1	3643
	JACKET INSUL ASSY. W/C.I. BNRS (33-35 & 36-37)	1	4356	1	4357	1	4358	1	4359	1	4360	1	4361	1	4362	1	4363
36	Jacket Door Insulation (Type I)	1	3619	1	3620	1	3621	1	3619	1	3620	1	3623	1	3624	1	3622
37	Jacket Door Insulation (Type II)	--	--	--	--	1	--	1	3625	1	3625	1	3626	1	3626	1	3626
	GAS TRAIN ASSEMBLY																
38	Main Gas Valve																
39	Auxiliary Gas Valve																
40	Main Gas Pressure Regulator																
41	Main Gas Shut Off Cock																
42	Pilot Shut Off Cock																
43	Pilot Gas Pressure Regulator																
44	Pilotstat																
	GAS BURNER ASSEMBLY W/S.S. BURNERS																
45	Gas Manifold w/Support Tray	1	3644	1	3645	1	3646	1	3647	1	3648	1	3649	1	3650	1	3651
	Manifold	1	23661	1	23662	1	23663	1	23664	1	23665	1	23666	1	23667	1	23668
46	Gas Orifice	15	27480	20	27480	25	27480	30	27480	35	27480	40	27480	45	27480	50	27480
48	Stainless Steel Burner Air Shutters (Nat. Gas)	15	27427	20	27427	25	27427	30	27427	35	27427	40	27427	45	27427	50	27427
	Stainless Steel Burner Dual Port (LP Gas)	15	27440	20	27440	25	27440	30	27440	35	27440	40	27440	45	27440	50	27440
49	Gas Pilot Assembly																
50	Gas Pilot Assembly																
51	Pilot Bracket (Right Hand)	1	32465	1	32465	1	32465	1	32465	2	32465	2	32465	2	32465	2	32465

REFER TO EQUIPMENT LIST

REFER TO EQUIPMENT LIST

EFF. DATE: 1/1/02

REPL: 4/1/97

CL - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM 1386

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ITEM	DESCRIPTION	CL90-W		CL120-W		CL150-W		CL180-W		CL210-W		CL240-W		CL270-W		CL300-W	
		REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.
52	Pilot Baffle	1	3654	1	3654	1	3654	1	3654	1	3654	1	3654	1	3654	1	3654
53	Baffle	2	3655	2	3656	2	3657	2	3658	2	3660	4	3656	4	3659	4	3657
	Baffle (Continued)	--	--	--	--	--	--	--	--	1	3658	--	--	--	--	--	--
54	Wing Nut 3/8"	4	25102	4	25102	4	25102	4	25102	5	25102	6	25102	6	25102	6	25102
55	Washer 3/8" I.D.	4	25152	4	25152	4	25152	4	25152	5	25152	6	25152	6	25152	6	25152
56	Nut 3/8" I.D.	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114
	GAS BURNER ASSEMBLY W/C.I. BURNERS																
57	Manifold	1	23661	1	23662	1	23663	1	23664	1	23665	1	23666	1	23667	1	23668
58	Burner Orifice Spud Adapter	NOT AVAILABLE															
59	Orifice (For CA use No. 2209)	6	27494	8	27494	10	27494	12	27494	14	27494	16	27494	18	27494	20	27494
60	Burner Mixing Tube	NOT AVAILABLE															
61	Burner Air Shutter	NOT AVAILABLE															
62	Cast Iron Burners	NOT AVAILABLE															
63	Stainless Steel Ribbon Assembly (3 sets/head)	NOT AVAILABLE															
64	End Retainer Clip (2/head)	NOT AVAILABLE															
65	Retainer Clip	NOT AVAILABLE															
66	Gas Pilot Assembly	REFER TO EQUIPMENT LIST															
67	Pilot Line	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615
68	Burner Support Bar	1	3663	1	3664	1	3665	1	3666	1	3667	1	3668	1	3669	1	3670
69	Inside Baffle	1	3671	1	3672	1	3673	1	3674	1	3675	1	3673	1	3673	1	3674
70	Inside Pilot Baffle	1	3677	1	3677	1	3677	1	3677	1	3677	1	3677	1	3677	1	3677
71	Inside Baffle	1	3672	1	3673	1	3674	1	3675	1	3676	1	3675	1	3678	1	3678
72	Outside Baffle	1	3679	1	3680	1	3681	1	3682	1	3683	2	3681	2	3681	2	3682
73	Outside Pilot Baffle	1	3685	1	3685	1	3685	1	3685	1	3685	1	3685	1	3685	1	3685
74	Outside Baffle	1	3680	1	3681	1	3672	1	3683	1	3684	1	3683	1	3686	1	3686
75	Pilot Port Cover	1	3687	1	3687	1	3687	1	3687	1	3687	2	3687	2	3687	2	3687
76	Wing Nut	4	25102	4	25102	4	25102	4	25102	4	25102	6	25102	6	25102	6	25102
	CONTROL EQUIPMENT																
77	Control Box	REFER TO EQUIPMENT LIST															
78	Terminal Strip *																
79	Aquastat Operator																
80	Aquastat Well																
81	Aquastat - High Limit																
82	Wire Molding	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606

* Depends on Number of Terminals Required

EFF. DATE: 1/1/02

REPL: 4/1/97

CL - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM 1386

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ITEM	DESCRIPTION	CL90-W		CL120-W		CL150-W		CL180-W		CL210-W		CL240-W		CL270-W		CL300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
83	Low Water Cut Off	REFER TO EQUIPMENT LIST															
84	Flame Safeguard																
85	UV Scanner (Optional)																
	WATER TRIM																
86	Pressure/Temperature Gauge	REFER TO EQUIPMENT LIST															
87	Pressure Relief Valve																
	INDIRECT WATER HEATER																
88	Indirect Heat Exchanger	REFER TO EQUIPMENT LIST															
89	Heat Exchanger Gasket	1	29186	1	29186	1	29186	1	29186	1	29186	--	--	--	--	--	--
90	Heat Exchanger Nut	6	25115	6	25115	6	25115	6	25115	6	25115	--	--	--	--	--	--
91	Heat Exchanger Stud	6	25188	6	25188	6	25188	6	25188	6	25188	--	--	--	--	--	--
92	Expansion Tank (Not Shown)	REFER TO EQUIPMENT LIST															
93	Boiler Fill Valve (Not Shown)																
94	Heat Exchanger Relief Valve (Not Shown)																
95	Pool Water Temperature Control (Not Shown)																
	SERVICE TOOLS																
96	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
97	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
98	Tube Brush **	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917
99	Draft Diverter (Optional)	1	28657	1	28658	1	28659	1	28663	1	28663	1	28664	1	28664	1	28664
100	Barometric Draft Control	1	28622	1	28623	1	28624	1	28625	1	28625	1	28626	1	28626	1	28626

** Not Standard. Available Upon Request

* If 2-Pass Head - #22956, 4 Pass Head #22957

** If 2-Pass Head - #29177, 4-Pass Head #29178

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1518-CL-G-S

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FOR CL-SERIES, ATMOSPHERIC GAS, STEAM BOILERS CL90 THRU CL270

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:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3374	Boiler Tubes	CL120	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>

EFF.DATE: 1/1/02

REPL.: 3/1/97

CL - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST

FORM 1518

PAGE: CL - ATM - 9

ITEM	DESCRIPTION	CL90-S		CL120-S		CL150-S		CL210-S		CL270-S	
		NO.	PART	NO.	PART	NO.	PART	NO.	PART	NO.	PART
		REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.
1	BOILER FRAME ASSEMBLY (Less Tubes) - 15#	1	4581	1	4585	1	4582	1	4583	1	4584
	- 150#	1	4581.1	1	4585.1	1	4582.1	1	4583.1	1	4584.1
	BOILER TUBE ASSEMBLY										
2	Boiler Tube	27	3374	36	3374	45	3374	63	3374	81	3374
2A	Boiler Tube Studs	26	25184	36	25184	44	25184	62	25184	80	25184
2B	Tube Clamp	26	23622	36	23622	44	23622	62	23622	80	23622
2C	Tube Clamp Nut	26	25114	36	25114	44	25114	62	25114	80	25114
3	BOILER BASE ASSEMBLY - Welded Assembly	1	4246	1	4247	1	4248	1	4250	1	4252
3A	Base/Vessel Support - Long - 43"	2	11002	2	11002	2	11002	2	11002	2	11002
3B	Base/Vessel Support - Short (Knockdown Only) - 36"	2	11002	2	11002	2	11002	2	11002	2	11002
	FLUE COLLECTOR ASSEMBLY (Items 4 thru 10)	1	4627	1	4591	1	4628	1	4629	1	4630
4	Flue Collector Rear	1	30055	1	3955	1	30056	1	30057	1	30058
5	Baffle Shield	1	35310	1	35320	1	35330	1	353340	1	35350
6	Flue Collector - Right End	1	30060	1	30060	1	30060	1	30060	1	30060
7	Flue Collector - Left End	1	30059	1	30059	1	30059	1	30059	1	30059
8	Flue Collector Top	1	30108	1	30109	1	30110	1	30111	1	30112
9	Flue Collector Nut 3/8" I.D.	8	25114	8	25114	8	25114	8	25114	8	25114
10	Flue Collector Washer 3/8" I.D.	8	2127	8	2127	8	2127	8	2127	8	2127
11	Upper Drum Insulation cover	1	30119	1	30120	1	30121	1	30122	1	30123
12	Flue Stack Extension	1	28703	1	28704	1	28705	1	28706	1	28706
	FLUE COLL. INSULATION ASSY. (Items 13 thru 16)	1	4631	1	4592	1	4632	1	4633	1	4634
13	Flue Collector End Insulation 1"	2	3989	2	3989	2	3989	2	3989	2	3989
14	Flue Collector End Insulation 1"	2	3990	2	3990	2	3990	2	3990	2	3990
15	Flue Collector Rear Insulation 1"	1	30063	1	3956	1	30002	1	30004	1	30006
16	Flue Collector Rear Insulation 1"	1	30064	1	3957	1	30003	1	30005	1	30007
17	Upper Drum Insulation	1	30124	1	30125	1	30126	1	30127	1	30128
	TUBE PANEL ASSEMBLY (Items 18 thru 21)	1	4605	1	4601	1	4606	1	4607	1	4608
18	Tube Access Panel	1	30008	1	3136	1	30009	1	30010	1	30011
19	Tube Panel Insulation	1	30012	1	3952	1	30013	1	30014	1	30015
20	Tube Panel Nut 3/8" I.D.	18	25114	18	25114	22	25114	26	25114	30	25114
21	Tube Panel Washer 3/8" I.D.	18	2127	18	2127	22	2127	26	2127	30	2127

EFF.DATE: 1/1/02

REPL.: 3/1/97

CL - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST

FORM 1518

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ITEM	DESCRIPTION	CL90-S		CL120-S		CL150-S		CL210-S		CL270-S	
		NO.	PART	NO.	PART	NO.	PART	NO.	PART	NO.	PART
		REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.
	JACKET ASSEMBLY (Items 22 thru 27)	1	4635	1	4602	1	4636	1	4637	1	4638
22	Jacket Access Door (Type I)	1	30070	1	30076	1	30071	1	30072	1	30073
23	Jacket Access Door (Type II)	--	--	--	--	--	--	1	30074	1	30075
24	Jacket Right End (58-1/8" x 40")	1	30065	1	30065	1	30065	1	30065	1	30065
25	Jacket Left End (58-1/8" x 40")	1	30017	1	30017	1	30017	1	30017	1	30017
26	Jacket Rear	1	30018	1	3953	1	30019	1	30020	1	30021
27	Jacket Top	1	30066	1	30114	1	30067	1	30068	1	30069
28	Jacket Top Support	2	11002	2	11002	2	11002	2	11002	2	11002
29	Access Door Latch and Handle	2	29142	2	29142	2	29142	4	29142	4	29142
30	Access Door Support Bar	1	30026	1	30001	1	30027	1	30028	1	30029
	JACKET INSULATION ASSEMBLY (31-35)	1	4639	1	4603	1	4640	1	4641	1	4642
31	Access Door Insulation (Type I)	1	30082	1	30116	1	30083	1	30084	1	30085
32	Access Door Insulation (Type II)	--	--	--	--	--	--	1	30086	1	30087
33	Jacket Rear Insulation	1	30030	1	3999	1	30031	1	30032	1	30033
34	Jacket End Insulation	2	30038	2	30038	2	30038	2	30038	2	30038
35	Jacket Top Insulation	1	30041	1	30042	1	30043	1	30044	1	30045
	GAS TRAIN ASSEMBLY, Consisting of:										
36	Main Gas Valve										
37	Auxiliary Gas Valve										
38	Main Gas Pressure Regulator										
39	Main Gas Shutoff Cock										
40	Pilot Shutoff Cock										
41	Pilot Gas Pressure Regulator										
	GAS BURNER ASSEMBLY										
43	Gas Manifold w/ Support Tray	1	3644	1	3645	1	3646	1	3648	1	3650
	Manifold	1	23661	1	23662	1	23663	1	23665	1	23667
44	Gas Orifices	15	27480	20	27480	25	27480	35	27480	45	27480
45	Tubular burners (Natural Gas)	15	27427	20	27427	25	27427	35	27427	45	27427
	Tubular Burners (Dual Port) LP Gas	15	27440	20	27440	25	27440	35	27740	45	27440
46	Gas Pilot Assembly										
48	Pilot Bracket	1	32465	1	32465	1	32465	1	32465	1	32465

REFER TO EQUIPMENT LIST

REFER TO EQUIPMENT LIST

EFF.DATE: 1/1/02

REPL.: 3/1/97

CL - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST

FORM 1518

PAGE: CL - ATM - 11

ITEM	DESCRIPTION	CL90-S		CL120-S		CL150-S		CL210-S		CL270-S	
		NO.	PART	NO.	PART	NO.	PART	NO.	PART	NO.	PART
		REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.
49	Pilot Baffle	1	3654	1	3654	1	3654	1	3654	1	3654
50	Burner Baffles	2	3655	2	3656	2	3657	2	3660	4	3659
50A	Burner Baffles (Continued)							1	3658		
51	Wing Nut 3/8"	4	25102	4	25102	4	25102	5	25102	6	25102
52	Washer 3/8" I.D.	4	25152	4	25152	4	25152	5	25152	6	25152
53	Hex Nut 3/8" I.D.	2	25114	2	25114	2	25114	2	25114	2	25114
54	Control Panel	REFER TO EQUIPMENT LIST									
55	Terminal Strip *										
56	Flexible Conduit 3/8"	3	25604	3	25604	3	25604	3	25604	3	25604
57	Electronic Combustion Control	REFER TO EQUIPMENT LIST									
58	Combustion Control Subbase										
59	UV Scanner (Optional)										
60	Pressuretrol - Operator										
61	Pressuretrol - High Limit										
62	Low Water Cut-Off & Pump Control										
63	Auxiliary Low Water Cut Off Probe										
64	Auxiliary Low Water Cut Off Relay										
65	Gauge Glass Set										
66	Gauge Glass Valves										
67	Try Cocks 1/2"										
68	Pressure Gauge										
69	Pressure Relief Valve										
70	Pressure Gauge Cock										
71	Blowdown Valve(s) (Optional)										
		REFER TO EQUIPMENT LIST									
	SERVICE TOOLS										
72	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905
73	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901
74	Tube Brush ***	1	28917	1	28917	1	28917	1	28917	1	28917
		REFER TO EQUIPMENT LIST									
75	DRAFT DIVERTER (Optional)	1	28657	1	28658	1	28659	1	28663	1	28663
		REFER TO EQUIPMENT LIST									
76	BAROMETRIC DRAFT CONTROL	1	28622	1	28623	1	28624	1	28625	1	28625

* Depends on the Number of Terminals Required

** Furnished as Standard on High Pressure Steam Only

*** Not Standard. Available Upon Request

EFF. DATE 1/1/02

REPL. 3/1/97

ILLUSTRATED PARTS LIST

FORM 1384-CL-FD-W

PAGE: CL - FD - 12

FOR CL-SERIES, FORCED DRAFT, WATER BOILERS CL75 THRU CL300

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	3374	Boiler Tubes	CL210	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>

EFF. DATE: 1/1/02

REPL: 3/1/97

CL - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1384

PAGE: CL - FD - 14

ITEM	DESCRIPTION	CL75-W		CL90-W		CL120-W		CL150-W		CL180-W		CL210-W		CL240-W		CL270-W		CL300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
1	BOILER FRAME ASSY. (Less Tubes)	1	4227	1	4228	1	4229	1	4230	1	4231	1	4232	1	4233	1	4234	1	4235
	BOILER TUBE ASSEMBLY																		
2	Boiler Tube	22	3374	27	3374	36	3374	45	3374	54	3374	63	3374	72	3374	81	3374	90	3374
2A	Boiler Tube Clamp Stud	22	25184	26	25184	36	25184	44	25184	54	25184	62	25184	72	25184	80	25184	90	25184
2B	Tube Clamp	22	23622	26	23622	36	23622	44	23622	54	23622	62	23622	72	23622	80	23622	90	23622
2C	Tube Clamp Nut	22	25114	26	25114	36	25114	44	25114	54	25114	62	25114	72	25114	80	25114	90	25114
3	BOILER BASE ASSEMBLY	1	4245	1	4246	1	4247	1	4248	1	4249	1	4250	1	4251	1	4252	1	4253
3A	Base Support - Long, 43" ea.							2	11002	2	11002	2	11002	2	11002	2	11002	2	11002
3B	Base Vessel Support - Short (Kdown)36" ea	2	11002	1	11002	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002
	FLUE COLLECTOR ASSEMBLY (4-7)	1	4254	1	4255	1	4256	1	4257	1	4258	1	4259	1	4260	1	4261	1	4262
4	Flue Collector - Rear	1	3375	1	3376	1	3377	1	3378	1	3379	1	3380	1	3381	1	3382	1	3383
5	Flue Collector - Right End 33-3/4" x 26-1/2"	1	3384	1	3384	1	3384	1	3384	1	3384	1	3384	1	3384	1	3384	1	3384
6	Flue Collector - Left End	1	3385	1	3385	1	3385	1	3385	1	3385	1	3385	1	3385	1	3385	1	3385
7	Flue Collector - Top	1	3386	1	3387	1	3388	1	3389	1	3390	1	3391	1	3392	1	3393	1	3394
8	Flue Baffle	1	33750	1	33751	1	33752	1	33753	1	33754	1	33755	1	33756	1	33757	1	33758
9	Flue Collector Nut 3/8" I.D.	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114
10	Flue Collector Washer 3/8" I.D.	6	2127	6	2127	6	2127	6	2127	6	2127	6	2127	6	2127	6	2127	6	2127
	FLUE COLL. INSUL. ASSY. (Items 11-14)	1	4263	1	4264	1	4265	1	4266	1	4267	1	4268	1	4269	1	4270	1	4271
11	Flue Collector End Insulation 1"	2	3395	2	3395	2	3395	2	3395	2	3395	2	3395	2	3395	2	3395	2	3395
12	Flue Collector End Insulation 1"	2	3396	2	3396	2	3396	2	3396	2	3396	2	3396	2	3396	2	3396	2	3396
13	Flue Collector Rear Insulation 1"	1	3406	1	3407	1	3408	1	3409	1	3410	1	3411	1	3412	1	3413	1	3414
14	Flue Collector Rear Insulation 1"	1	3397	1	3398	1	3399	1	3400	1	3401	1	3402	1	3403	1	3404	1	3405
	COMB. CHBR REF. ASSY. (Items 15-19A)	1	4272	1	4273	1	4274	1	4275	1	4276	1	4277	1	4278	1	4279	1	4280
15	Combustion Chamber Insulation - Side	2	3415	2	3416	2	3417	2	3418	2	3419	2	3420	2	3421	2	3422	2	3423
16	Combustion Chamber Insulation - End	2	3424	2	3424	2	3424	2	3424	2	3424	2	3424	2	3424	2	3424	2	3424
17	Combustion Chamber Insulation - Floor	1	3425	1	3426	1	3427	1	3428	1	3429	1	3430	1	3431	1	3432	1	3433
18	Combustion Chamber Brick - 2600° Fire	123	24542	138	24542	164	24542	190	24542	217	24542	244	24542	271	24542	292	24542	319	24542
19	Refractory Tile 2"	4	24531	4	24531	4	24531	5	24531	5	24531	5	24531	6	24531	6	24531	7	24531
19A	Refractory Cement (in pounds)	100	24550	100	24550	150	24550	200	24550	250	24450	300	24450	325	24450	350	24450	375	24450

EFF. DATE: 1/1/02

REPL: 3/1/97

CL - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1384

PAGE: CL - FD - 15

ITEM	DESCRIPTION	CL75-W		CL90-W		CL120-W		CL150-W		CL180-W		CL210-W		CL240-W		CL270-W		CL300-W	
		QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
	TUBE PANEL ASSEMBLY (Items 20-23)	1	4281	1	4282	1	4283	1	4284	1	4285	1	4286	1	4287	1	4288	1	4289
20	Tube Panel	1	3434	1	3435	1	3436	1	3437	1	3438	1	3439	1	3440	1	3441	1	3442
21	Tube Panel Insulation 1"	1	3443	1	3444	1	3445	1	3446	1	3447	1	3448	1	3449	1	3450	1	3451
22	Tube Panel Nut 3/8"	20	25114	20	25114	20	25114	24	25114	24	25114	24	25114	24	25114	24	25114	24	25114
23	Tube Panel Washer 3/8" I.D.	20	2127	20	2127	20	2127	24	2127	24	2127	24	2127	24	2127	24	2127	24	2127
	JACKET ASSEMBLY (Items 24-29)	1	4290	1	4291	1	4292	1	4293	1	4294	1	4295	1	4296	1	4297	1	4298
24	Jacket Access Door (Type I)	1	3452	1	3453	1	3454	1	3455	1	3453	1	3454	1	3458	1	3457	1	3456
25	Jacket Access Door (Type II)									1	3459	1	3459	1	3460	1	3460	1	3460
26	Jacket - Right End - 50-1/8"x34-5/8"	1	3461	1	3461	1	3461	1	3461	1	3461	1	3461	1	3461	1	3461	1	3461
27	Jacket - Left End - 50-1/8"x34-5/8"	1	3462	1	3462	1	3462	1	3462	1	3462	1	3462	1	3462	1	3462	1	3462
28	Jacket Rear	1	3463	1	3464	1	3465	1	3466	1	3467	1	3468	1	3469	1	3470	1	3471
29	Jacket Top	1	3472	1	3473	1	3474	1	3475	1	3476	1	3477	1	3478	1	3479	1	3480
30	Access Door Latch and Handle	2	29142	2	29142	2	29142	2	29142	4	29142	4	29142	4	29142	4	29142	4	29142
31	Access Door Support Bar	1	3481	1	3482	1	3483	1	3484	1	3485	1	3486	1	3487	1	3488	1	3489
	JACKET INSUL. ASSY. (Items 32-36)	1	4299	1	4300	1	4301	1	4302	1	4303	1	4304	1	4305	1	4306	1	4307
32	Access Door Insulation (Type I)	1	3490	1	3491	1	3492	1	3493	1	3491	1	3492	1	3496	1	3495	1	3494
33	Access Door Insulation (Type II)									1	3497	1	3497	1	3498	1	3498	1	3498
34	Jacket Rear Insulation	1	3499	1	3500	1	3501	1	3502	1	3503	1	3504	1	3505	1	3506	1	3507
35	Jacket Top Insulation	1	3508	1	3509	1	3510	1	3511	1	3512	1	3513	1	3514	1	3515	1	3516
36	Jacket End Insulation	2	3517	2	3517	2	3517	2	3517	2	3517	2	3517	2	3517	2	3517	2	3517
	BURNER ASSEMBLY																		
37	BURNER - See Burner Parts Data Sheet																		
40	Burner Plug																		
41	Rope Gasket (FT)	10	24622	10	24622	10	24622	10	24622	10	24622	10	24622	10	24622	10	24622	10	24622

REFER TO EQUIPMENT LIST

EFF. DATE: 1/1/02

REPL: 3/1/97

CL - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1384

PAGE: CL - FD - 16

ITEM	DESCRIPTION	CL75-W		CL90-W		CL120-W		CL150-W		CL180-W		CL210-W		CL240-W		CL270-W		CL300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	CONTROL EQUIPMENT LIST																		
42	Junction Box w/Cover or Control Box	REFER TO EQUIPMENT LIST																	
43	Terminal Strip *																		
44	Aquastat - Operator (L4008A)																		
45	Aquastat - High Limit (L4008A)																		
46	Aquastat Well																		
47	Low Water Cut Off (PS 851)																		
48	Wire Molding	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606
	WATER TRIM																		
49	Comb.Temp/Press.Gauge(60#,30-240 ⁰ . Std)	REFER TO EQUIPMENT LIST																	
50	Pressure Relief Valve (30#, 45# or 60# Std.)																		
	INDIRECT WATER HEATER																		
51	Indirect Heat Exchanger	REFER TO EQUIPMENT LIST																	
52	Heat Exchanger Gasket	1	29186	1	29186	1	29186	1	29186	1	29186	1	29186	--	--	--	--	--	--
53	Heat Exchanger Nut	6	25116	6	25116	6	25116	1	25116	1	25116	1	25116	--	--	--	--	--	--
54	Heat Exchanger Stud	6	25188	6	25188	6	25188	6	25188	6	25188	6	25188	--	--	--	--	--	--
55	Expansion Tank (Not Shown)	REFER TO EQUIPMENT LIST																	
56	Boiler Fill Valve (Not Shown)																		
57	Heat Exchanger Relief Valve (Not Shown)																		
58	Pool Water Temperature Control																		
	SERVICE TOOLS																		
59	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
60	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
61	Tube Brush **	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916

* Depends on Number of Terminals Required

** Not Standard. Available Upon Request.

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1517-CL-FD-S

PAGE: CL - FD - 17

FOR CL-SERIES, FORCED DRAFT, STEAM BOILERS CL90 THRU CL270

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 |

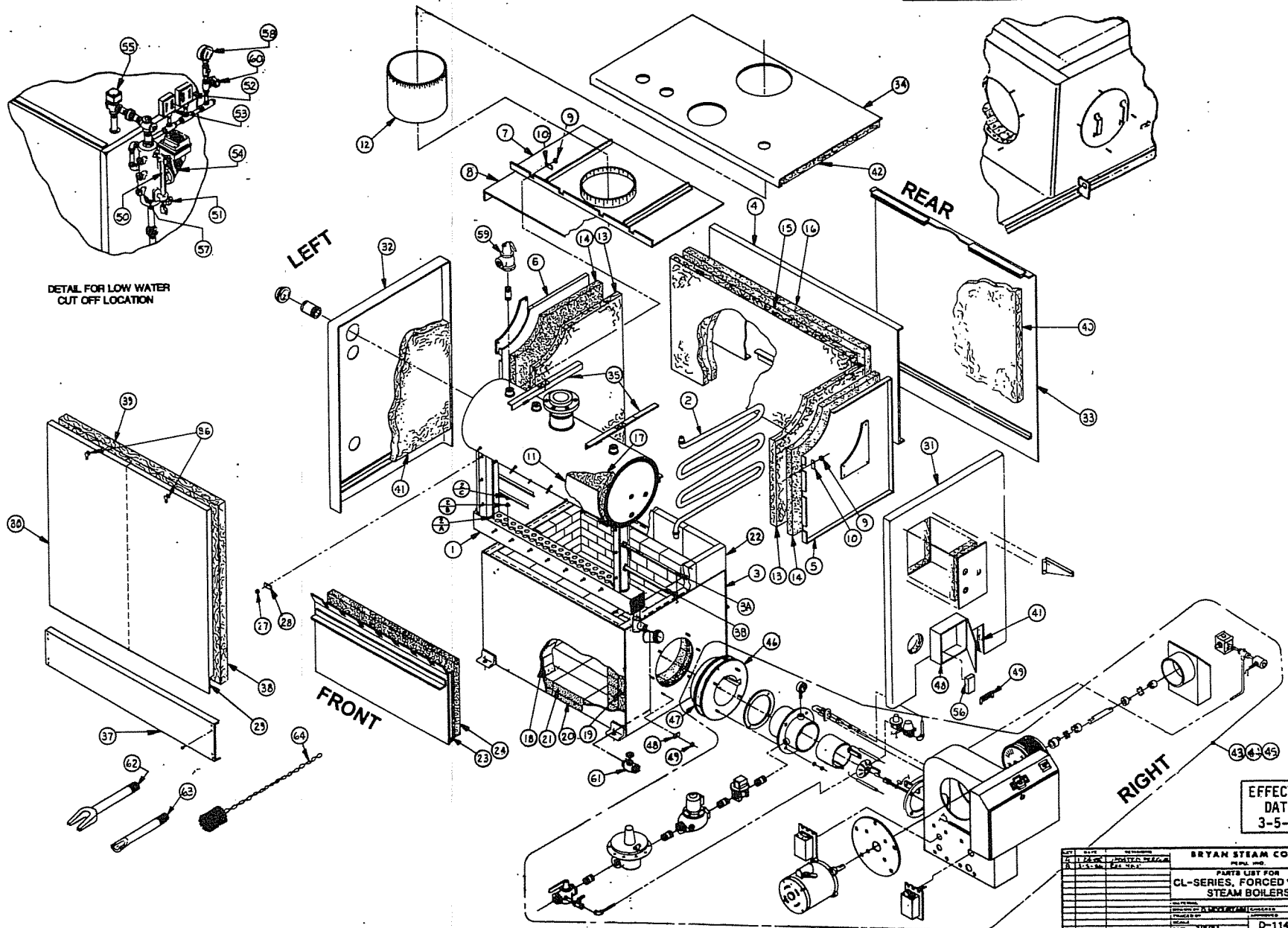
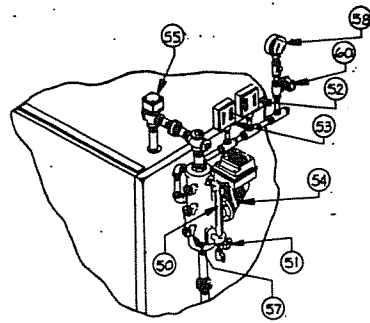
EXAMPLE

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	3374	Boiler Tubes	CL120	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>

COMBUSTION CHAMBER ACCESS DOOR



EFFECTIVE
DATE
3-5-86

BRYAN STEAM CORP.			
NO.	DATE	REV.	DESCRIPTION
1	11-28-84	1	INITIAL DESIGN
2	11-28-84	2	REV. 201
PARTS LIST FOR			
CL-SERIES, FORCED DRAFT			
STEAM BOILERS			
DESIGNED BY ALMOBY/AMT CONSULTING			
CHECKED BY			
DATE			
D-11486			

EFF.DATE: 1/1/02

REPL.: 3/1/97

CL - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 1517

PAGE: CL - FD - 19

ITEM	DESCRIPTION	CL90-S		CL120-S		CL150-S		CL210-S		CL270-S	
		NO.	PART	NO.	PART	NO.	PART	NO.	PART	NO.	PART
		REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.
1	BOILER FRAME - WELDED ASSY. - (Less Tubes) - 15#	1	4581	1	4585	1	4582	1	4583	1	4584
	BOILER FRAME - WELDED ASSY. - (Less Tubes) - 150#	1	4581.1	1	4585.1	1	4582.1	1	4583.1	1	4584.1
	BOILER TUBE ASSEMBLY										
2	Boiler Tube	27	3374	36	3374	45	3374	63	3374	81	3374
2A	Boiler Tube Studs	26	25184	36	25184	44	25184	62	25184	80	25184
2B	Tube Clamp	26	23622	36	23622	44	23622	62	23622	80	23622
2C	Tube Clamp Nut	26	25114	36	25114	44	25114	62	25114	80	25114
3	BOILER BASE ASSEMBLY - Welded Assembly	1	4246	1	4247	1	4248	1	4250	1	4252
3A	Base/Vessel Support - Long - 43"	2	11002	2	11002	2	11002	2	11002	2	11002
3B	Base/Vessel Support - Short (Knockdown Only) - 36"	2	11002	2	11002	2	11002	2	11002	2	11002
	FLUE COLLECTOR ASSEMBLY (Items 4 thru 10)	1	4593	1	4590	1	4594	1	4595	1	4596
4	Flue Collector Rear	1	3979	1	3132	1	3980	1	3981	1	3982
5	Flue Collector - Right End - 35-5/8"x26-1/2"	1	3983	1	3983	1	3983	1	3983	1	3983
6	Flue Collector - Left End - 35-5/8"x26-1/2"	1	3984	1	3984	1	3984	1	3984	1	3984
7	Flue Collector Top	1	3985	1	3133	1	3986	1	3987	1	3988
8	Flue Collector Baffle	1	33751	1	33752	1	33753	1	33755	1	33757
9	Flue Collector Nut - 3/8" I.D.	8	25114	8	25114	8	25114	8	25114	8	25114
10	Flue Collector Washer	8	2127	8	2127	8	2127	8	2127	8	2127
11	Upper Drum Insulation Cover	1	30119	1	30120	1	30121	1	30122	1	30123
12	Flue Stack Extension	1	28701	1	28701	1	28702	1	28703	1	28704
	FLUE COLL. INSULATION ASSY. (Items 13 thru 16)	1	4597	1	4589	1	4598	1	4599	1	4600
13	Flue Collector End Insulation 1"	2	3989	2	3989	2	3989	2	3989	2	3989
14	Flue Collector End Insulation 1"	2	3990	2	3990	2	3990	2	3990	2	3990
15	Flue Collector Rear Insulation 1"	1	30063	1	3956	1	30002	1	30004	1	30006
16	Flue Collector Rear Insulation 1"	1	30064	1	3957	1	30003	1	30005	1	30007
17	Upper Drum Insulation	1	30124	1	30125	1	30126	1	30127	1	30128
	COMB. CHAMBER REFRACTORY ASSY. (Items 18-22A)	1	4273	1	4274	1	4275	1	4277	1	4279
18	Combustion Chamber Insulation - Side	2	3416	2	3417	2	3418	2	3420	2	3422
19	Combustion Chamber Insulation - End	2	3424	2	3424	2	3424	2	3424	2	3424

EFF.DATE: 1/1/02

REPL.: 3/1/97

CL - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 1517

PAGE: CL - FD - 20

ITEM	DESCRIPTION	CL90-S		CL120-S		CL150-S		CL210-S		CL270-S	
		NO.	PART	NO.	PART	NO.	PART	NO.	PART	NO.	PART
		REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.	REQ'D.	NO.
20	Combustion Chamber Insulation - Floor	1	3426	1	3427	1	3428	1	3430	1	3432
21	Combustion Chamber Brick 2300 ⁰ Firebrick	138	24541	164	24541	190	24541	244	24541	292	24541
22	Refractory Tile	4	24531	4	24531	5	24531	5	24531	6	24531
22A	Refractory Cement (in pounds)	100	24550	150	24550	200	24550	300	24550	350	24550
	TUBE PANEL ASSEMBLY (Items 23-28)	1	4605	1	4601	1	4606	1	4607	1	4608
23	Tube Panel	1	30008	1	3136	1	30009	1	30010	1	30011
24	Tube Panel Insulation	1	30012	1	3952	1	30013	1	30014	1	30015
27	Tube Panel Nut - 3/8"	18	25114	18	25114	22	25114	26	25114	30	25114
28	Tube Panel Washer - 3/8" I.D.	18	2127	18	2127	22	2127	26	2127	30	2127
	JACKET ASSEMBLY (Items 29-34)	1	4609	1	4587	1	4610	1	4611	1	4612
29	Jacket Access Door (Type I)	1	30070	1	30076	1	30071	1	30072	1	30073
30	Jacket Access Door (Type II)	--	--	--	--	--	--	1	30074	1	30075
31	Jacket Right End - 58-1/8"x40"	1	30016	1	30016	1	30016	1	30016	1	30016
32	Jacket Left End - 58-1/8"x40"	1	30017	1	30017	1	30017	1	30017	1	30017
33	Jacket Rear	1	30018	1	3953	1	30019	1	30020	1	30021
34	Jacket Top	1	30022	1	3954	1	30023	1	30024	1	30025
35	Jacket Top Support	2	11002	2	11002	2	11002	2	11002	2	11002
36	Access Door Latch & Handle	2	29142	2	29142	2	29142	2	29142	2	29142
37	Access Door Support Bar	1	30026	1	30001	1	30027	1	30028	1	30029
	JACKET INSULATION ASSEMBLY (Items 38-42)	1	4613	1	4586	1	4614	1	4615	1	4616
38	Access Door Insulation (Type I)	1	30082	1	30116	1	30083	1	30084	1	30085
39	Access Door Insulation (Type II)	--	--	--	--	--	--	1	30086	1	30087
40	Jacket Rear Insulation	1	30030	1	3999	1	30031	1	30032	1	30033
41	Jacket End Insulation	2	30038	2	30038	2	30038	2	30038	2	30038
42	Jacket Top Insulation	1	30041	1	30042	1	30043	1	30044	1	30045
	BURNER ASSEMBLY (Complete)										
43	BURNER - See Burner Parts Data Sheet										
46	Burner Plug										
47	Rope Gasket (Ft.)	10	24622	10	24622	10	24622	10	24622	10	24622

REFER TO EQUIPMENT LIST

EFF.DATE: 1/1/02

REPL.: 3/1/97

**CL - SERIES
FORCED DRAFT - STEAM
PARTS LIST**

FORM 1517

PAGE: CL - FD - 21

ITEM	DESCRIPTION	CL90-S		CL120-S		CL150-S		CL210-S		CL270-S	
		NO.	PART	NO.	PART	NO.	PART	NO.	PART	NO.	PART
		REQ'D.	NO.	REQ'D	NO.	REQ'D	NO.	REQ'D.	NO.	REQ'D	NO.
	STEAM TRIM	REFER TO EQUIPMENT LIST									
48	Control Panel										
49	Terminal Strip *										
50	Gauge Glass (20-251-10)										
51	Gauge Glass Valves										
52	Pressuretrol - Operator (L404)										
53	Pressuretrol - High Limit (L404)										
54	Low Water Cut Off & Pump Control (157 RB)										
55	Auxiliary Low Water Cut Off Probe (RS-1-BR (1"))										
56	Auxiliary Low Water Cut Off Relay (750-MT-120)										
57	Try Cocks (26-315-01)										
58	Pressure Gauge (30#,60#;100#; 200#; 300# Std.)										
59	Pressure Relief Valve (15# or 150#)										
60	Pressure Shutoff Cock	1	28969	1	28969	1	28969	1	28969	1	28969
61	Blowdown Valves (Optional)	REFER TO EQUIPMENT LIST									
	SERVICE TOOLS										
62	Tube Puller **										
63	Tube Driver **										
64	Tube Brush ***										
		1	28905	1	28905	1	28905	1	28905	1	28905
		1	28901	1	28901	1	28901	1	28901	1	28901
		1	28917	1	28917	1	28917	1	28917	1	28917

* Depends on Number of Terminals Required

** Furnished as Standard on High Pressure Steam Only

*** Not Standard. Available Upon Request.

EFF. DATE 6/01/04

REPL. NEW

ILLUSTRATED PARTS LIST

FORM 2353

Page: CLM-ATM-W-1

FOR CLM – SERIES, ATMOSPHERIC GAS, WATER BOILERS CLM120 THRU CLM300

ORDERING INSTRUCTIONS

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

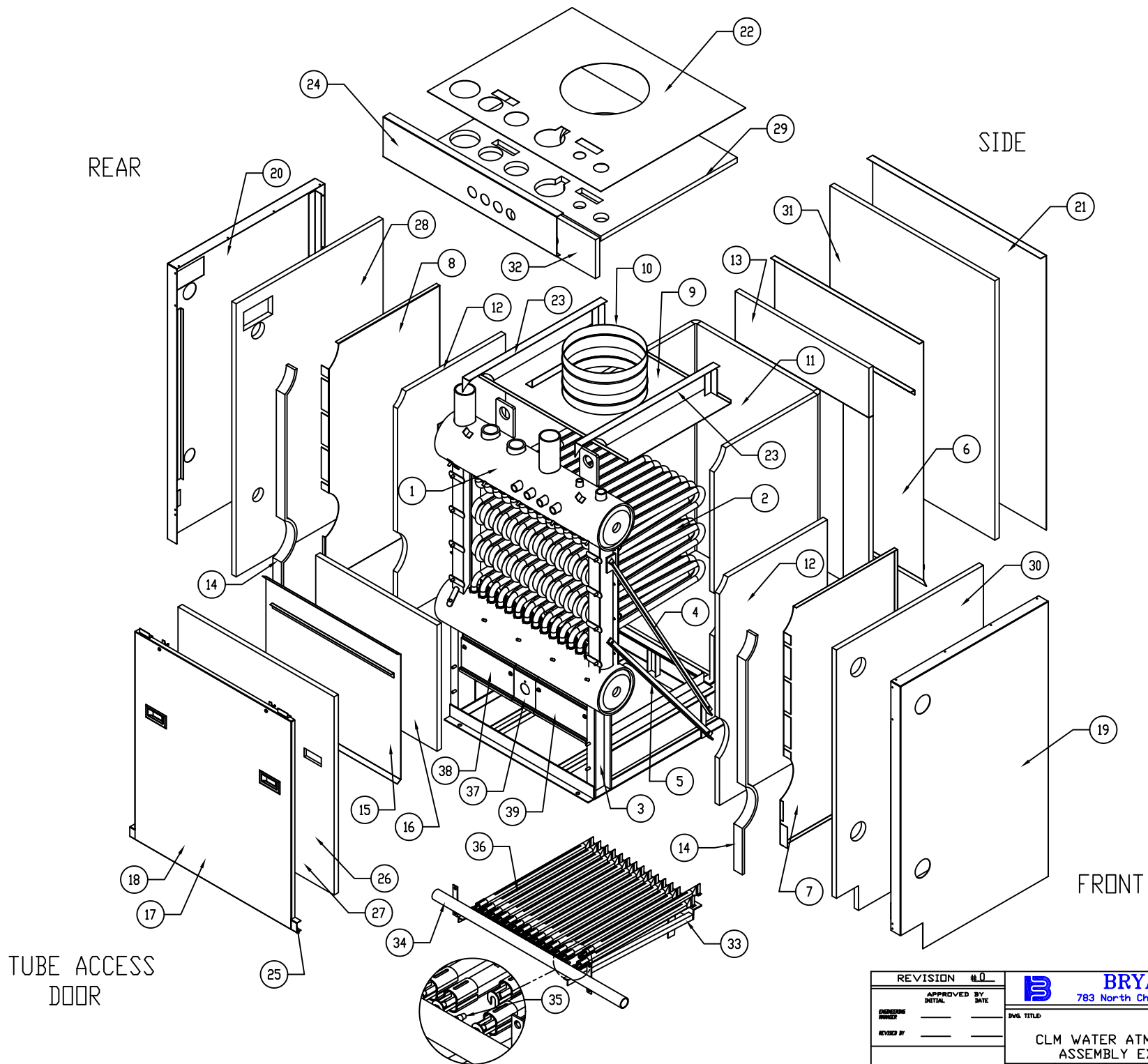
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	400131	Boiler Tubes	CLM240	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



REVISION #0				BRYAN STEAM		
APPROVED BY INITIAL DATE				783 North Chili Avenue Peru, IN 46970		
CHECKING NUMBER		DWG. TITLE				
REVISED BY		CLM WATER ATMOSPHERIC BOILER ASSEMBLY EXPLODED VIEW				
		DRAWN BY	DATE	SCALE	3RD	DWG. NO.
		JSL	6/18/04	NONE	FS	A21167

REPL: NEW

ATMOSPHERIC - WATER

PAGE: CLM - ATM - W - 2

[illegible]

EFF. DATE: 6/01/04

REPL: NEW

CLM - SERIES
ATMOSPHERIC - WATER

FORM: CLM-WATER-ATM

PAGE: CL - ATM - W - 3

ITEM	DESCRIPTION	CLM120-W		CLM150-W		CLM180-W		CLM210-W		CLM240-W		CLM270-W		CLM300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.
21	Jacket Side	1	300330.120	1	300330.150	1	300330.180	1	300330.210	1	300330.240	1	300330.270	1	300330.300
22	Jacket Top	1	300328.120	1	300328.150	1	300328.180	1	300328.210	1	300328.240	1	300328.270	1	300328.300
23	Jacket Top Support Bars	2	300333	4	300333	4	300333	4	300333	4	300333	4	300333	4	300333
24	Jacket Door Upper Filler Bar	1	300386.120	1	300386.150	1	300386.180	1	300386.210	1	300386.240	1	300386.270	1	300386.300
25	Jacket Door Lower Filler Bar	1	36000.43	1	36000.52	1	36000.61		36000.70	1	36000.80	1	36000.89	1	36000.89
	JACKET INSULATION ASSEMBLY														
26	Access Door Insulation (Type I)	1	300492.46	1	300492.55	1	300492.37	1	300492.46	1	300492.42	1	300492.51	1	300492.61
27	Access Door Insulation (Type I)					1	300492.28	1	300492.28	1	300492.41	1	300492.41	1	300492.41
28	Jacket Rear Insulation	1	300491	1	300491	1	300491	1	300491	1	300491	1	300491	1	300491
29	Jacket Top Insulation	1	300488.120	1	300488.150	1	300488.180	1	300488.210	1	300488.240	1	300488.270	1	300488.300
30	Jacket Front Insulation	1	300491	1	300491	1	300491	1	300491	1	300491	1	300491	1	300491
31	Jacket Side Insulation	1	300494.48	1	300494.58	1	300494.67	1	300494.76	1	300494.87	1	300494.95	1	300494.104
32	Jacket Door Upper Filler Bar Insulation	1	300486.120	1	300486.150	1	300486.180	1	300486.210	1	300486.240	1	300486.270	1	300486.300
	MAIN & PILOT GAS TRAIN ASSEMBLIES														
	Main Gas Valve														
	Auxiliary Gas Valve														
	Main Gas Pressure Regulator														
	Main Gas Shut Off Cock														
	Pilot Shut Off Cock														
	Pilot Gas Pressure Regulator														
	Pilot Gas Valve														
	GAS BURNER ASSEMBLY														
33	Burner Support Tray	1	3645	1	3646	1	3647	1	3648	1	3649	1	3650	1	3651
34	Manifold	1	23662	1	23663	1	23664	1	23665	1	23666	1	23667	1	23668
35	Gas Orifice	20	27480	25	27480	30	27480	35	27480	40	27480	45	27480	50	27480
36	Burner Air Shutters (Nat. Gas)	20	27427	25	27427	30	27427	35	27427	40	27427	45	27427	50	27427
36	Burner Dual Port (LP Gas)	20	27440	25	27440	30	27440	35	27440	40	27440	45	27440	50	27440
	Gas Pilot Assembly														
	Pilot Bracket (Right Hand)	1	32465	1	32465	1	32465	2	32465	2	32465	2	32465	2	32465
37	Pilot Baffle	1	3654	1	3654	1	3654	1	3654	1	3654	1	3654	1	3654
38	Baffle	2	3656	2	3657	2	3658	2	3660	4	3656	4	3659	4	3657
39	Baffle (Continued)	--	--	--	--	--	--	1	3658	--	--	--	--	--	--

EFF. DATE: 6/01/04

REPL: NEW

**CLM - SERIES
ATMOSPHERIC - WATER**

FORM: CLM-WATER-ATM

PAGE: CL - ATM - W - 4

ITEM	DESCRIPTION	CLM120-W		CLM150-W		CLM180-W		CLM210-W		CLM240-W		CLM270-W		CLM300-W	
		REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.
	CONTROL EQUIPMENT														
	Control Box	CONSULT EQUIPMENT LIST													
	Terminal Strip *														
	Aquastat Operator														
	Aquastat Wells														
	Aquastat - High Limit														
	Wire Molding	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606	1	25606
	Low Water Cut Off	CONSULT EQUIPMENT LIST													
	Flame Safeguard														
	UV Scanner (Optional)														
	WATER TRIM														
	Pressure/Temperature Gauge	CONSULT EQUIPMENT LIST													
	Pressure Relief Valve														
	INDIRECT WATER HEATER														
	Indirect Heat Exchanger	CONSULT EQUIPMENT LIST													
	Heat Exchanger Gasket 8"	1	29189	1	29189	1	29189	1	29189	1	29189	1	29189	1	29189
	Expansion Tank (Not Shown)	CONSULT EQUIPMENT LIST													
	Boiler Fill Valve (Not Shown)														
	Boiler Stop Valve (Not Shown)														
	Heat Exchanger Relief Valve (Not Shown) (WT ONLY)														
	Pool Water Temperature Control (Not Shown) (WP ONLY)														
	SERVICE TOOLS														
	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
	Tube Brush **	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917
	Draft Diverter (Optional)	1	28658	1	28659	1	28663	1	28663	1	28664	1	28664	1	28664
	Barometric Draft Control (Standard)	1	28623	1	28624	1	28625	1	28625	1	28626	1	28626	1	28626

* Depends on Number of Terminals Required

** Not Standard. Available Upon Request

EFF. DATE 6/01/04

REPL. NEW

ILLUSTRATED PARTS LIST

FORM 2354

Page: CLM-ATM-S-1

FOR CLM – SERIES, ATMOSPHERIC GAS, STEAM BOILERS CLM120 THRU CLM300

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:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	400131	Boiler Tubes	CLM120	12345	Freight Truck

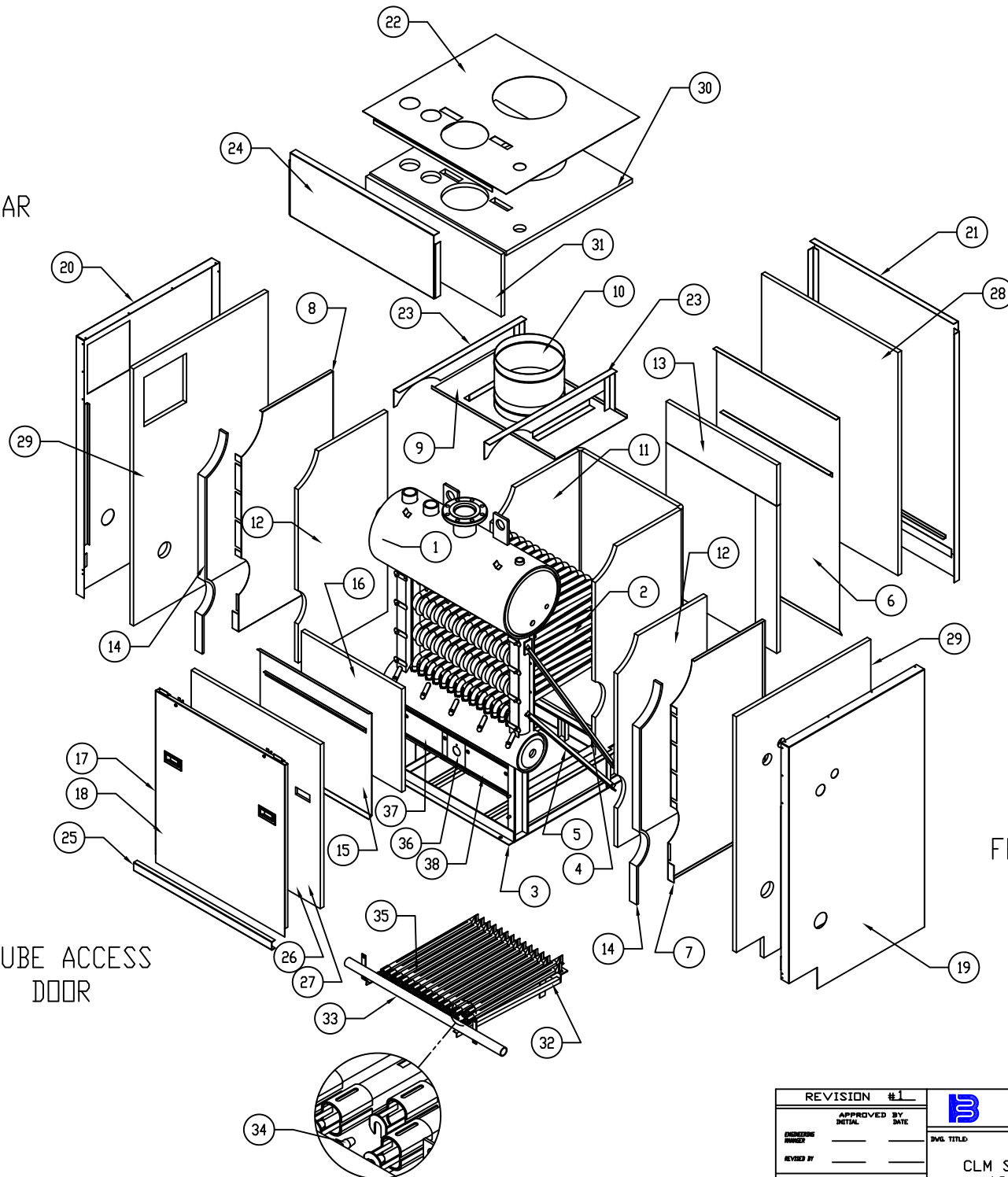
BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>

REAR

SIDE

FRONT

TUBE ACCESS
DOOR



REVISION #1		 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970			
DESIGNED BY	DATE	DWG. TITLE			
APPROVED BY	DATE	CLM STEAM ATMOSPHERIC BOILER ASSEMBLY EXPLODED VIEW			
REVISED BY	DATE	DRAWN BY	DATE	SCALE	DESIGN
		JSL	6/18/04	NONE	FS
					DWG. NO.
					A21001

EFF.DATE: 6/01/04

REPL.: NEW

CLM - SERIES
ATMOSPHERIC - STEAM

FORM: 2354

PAGE: 2

ITEM	DESCRIPTION	CLM120		CLM150		CLM180		CLM210		CLM240		CLM270		CLM300	
		REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.
1	PRESSURE VESSEL (With Tubes) - 15#	1	400110.120	1	400110.150	1	400110.180	1	400110.210	1	400110.240	1	400110.270	1	400110.300
	PRESSURE VESSEL (With Tubes) - 150#	1	400112.120	1	400112.150	1	400112.180	1	400112.210	1	400112.240	1	400112.270	1	400112.300
	BOILER TUBE ASSEMBLY														
2	Boiler Tube	36	400131	45	400131	54	400131	63	400131	72	400131	81	400131	90	400131
	Boiler Tube Studs	36	25184	44	25184	54	25184	62	25184	72	25184	80	25184	90	25184
	Tube Clamp	36	23622	44	23622	54	23622	62	23622	72	23622	80	23622	90	23622
	Tube Clamp Nut	36	25114	44	25114	54	25114	62	25114	72	25114	80	25114	90	25114
3	BOILER BASE ASSEMBLY - Welded Assembly	1	4309CLM	1	4310CLM	1	4311CLM	1	4312CLM	1	4313CLM	1	4314CLM	1	4315CLM
4	Support Bar (long) 48-5/16" (ft)	4	11001	4	11001	4	11001	4	11001	4	11001	4	11001	4	11001
5	Support Bar (short) - Knockdown Only 39-1/16" (ft)	4	11001	4	11001	4	11001	4	11001	4	11001	4	11001	4	11001
	FLUE COLLECTOR ASSEMBLY														
6	Flue Collector - Side - (opposite tube panel)	1	300297.120	1	300297.150	1	300297.180	1	300297.210	1	300297.240	1	300297.270	1	300297.300
7	Flue Collector - Front	1	300279	1	300279	1	300279	1	300279	1	300279	1	300279	1	300279
8	Flue Collector - Rear	1	300279	1	300279	1	300279	1	300279	1	300279	1	300279	1	300279
9	Flue Collector Top	1	300285.120	1	300285.150	1	300285.180	1	300285.210	1	300285.240	1	300285.270	1	300285.300
10	Flue Collector Stack Extension	1	28704	1	27805	1	27806	1	27807	1	27808	1	27809	1	27810
	FLUE COLL. INSULATION ASSEMBLY														
11	Flue Collector Tube Wrap	1	300356.120	1	300356.150	1	300356.180	1	300356.210	1	300356.240	1	300356.270	1	300356.300
12	Flue Collector Front/Rear Insulation 1"	2	300358.120	2	300358.150	2	300358.180	2	300358.210	2	300358.240	2	300358.270	2	300358.300
13	Flue Collector Side Insulation 1"	1	300359.120	1	300359.150	1	300359.180	1	300359.210	1	300359.240	1	300359.270	1	300359.300
14	Flue Collector Insulation Strips 6' x 3" x 1" (inswool)	2	24529	2	24529	2	24529	2	24529	2	24529	2	24529	2	24529
	TUBE PANEL ASSEMBLY														
15	Tube Access Panel	1	300284.120	1	300284.150	1	300284.180	1	300284.210	1	300284.240	1	300284.270	1	300284.300
16	Tube Panel Insulation	1	300277.120	1	300277.150	1	300277.180	1	300277.210	1	300277.240	1	300277.270	1	300277.300

REPL.: 6/01/04

ATMOSPHERIC - STEAM

PAGE: 2

	DESCRIPTION	CLM120		CLM150		CLM180		CLM210		CLM240		CLM270		CLM300	
		REQ.	PART	REQ.		REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.
	JACKET ASSEMBLY														
17	Jacket Access Door (Type I)	1	300362.46	1	300362.55	1	300362.37	1	300362.46	1	300362.42	1	300362.51	1	300362.61
18	Jacket Access Door (Type II)	--	--	--	--	1	300363.28	1	300362.28	1	300363.41	1	300363.41	1	300363.41
19	Jacket Front End	1	300289	1	300289	1	300289	1	300289	1	300289	1	300289	1	300289
20	Jacket Rear End	1	300290	1	300290	1	300290	1	300290	1	300290	1	300290	1	300290
21	Jacket Side	1	300331.120	1	300331.150	1	300331.180	1	300331.210	1	300331.240	1	300331.270	1	300331.300
22	Jacket Top	1	300327.120	1	300327.150	1	300327.180	1	300327.210	1	300327.240	1	300327.270	1	300327.300
23	Jacket Top Support	2	300332	4	300332	4	300332	4	300332	4	300332	4	300332	4	300332
24	Jacket Door Upper Filler Bar	1	300385.120	1	300385.150	1	300385.180	1	300385.210	1	300385.240	1	300385.270	1	300385.300
25	Access Door Lower Support Bar	1	36000.43	1	36000.52	1	36000.61	1	36000.70	1	36000.80	1	36000.89	1	36000.99
	JACKET INSULATION ASSEMBLY														
26	Access Door Insulation (Type I)	1	300492.46	1	300492.55	1	300492.37	1	300492.46	1	300492.42	1	300492.51	1	300492.61
27	Access Door Insulation (Type II)					1	300492.28	1	300492.28	1	300492.41	1	300492.41	1	300492.41
28	Jacket Side Insulation	1	300493.48	1	300493.58	1	300493.67	1	300493.76	1	300493.87	1	300493.95	1	300493.104
29	Jacket Front/Rear Insulation	2	300490	2	300490	2	300490	2	300490	2	300490	2	300490	2	300490
30	Jacket Top Insulation	1	300488.120	1	300488.150	1	300488.180	1	300488.210	1	300488.240	1	300488.270	1	300488.300
31	Jacket Door Upper Filler Bar Insulation	1	300487.120	1	300487.150	1	300487.180	1	300487.210	1	300487.240	1	300487.270	1	300488.300
	GAS TRAIN ASSEMBLY, Consisting of:														
	Main Gas Valve	CONSULT EQUIPMENT LIST													
	Auxiliary Gas Valve														
	Main Gas Pressure Regulator														
	Main Gas Shutoff Cock														
	Pilot Shutoff Cock														
	Pilot Gas Valve														
	Pilot Gas Pressure Regulator														
	GAS BURNER ASSEMBLY														
32	Burner Support Tray	1	3645	1	3646	1	3647	1	3648	1	3649	1	3650	1	3651
33	Manifold	1	23662	1	23663	1	23664	1	23665	1	23666	1	23667	1	23668
34	Gas Orifices	20	27480	25	27480	30	27480	35	27480	40	27480	45	27480	50	27480
35	Tubular burners (Natural Gas)	20	27427	25	27427	30	27427	35	27427	40	27427	45	27427	50	27427
35	Tubular Burners (Dual Port) LP Gas	20	27440	25	27440	30	27740	35	27740	40	27440	45	27440	50	27440
	Gas Pilot Assembly	CONSULT EQUIPMENT LIST													
	Pilot Bracket	1	32465	1	32465	1	32465	1	32465	1	32465	1	32465	1	32465

EFF.DATE: 6/01/04

REPL.: NEW

**CLM - SERIES
ATMOSPHERIC - STEAM**

FORM: 2354

PAGE: 2

ITEM	DESCRIPTION	CLM120		CLM150		CLM180		CLM210		CLM240		CLM270		CLM300	
		REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART	REQ.	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.
36	Pilot Baffle	1	3654	1	3654	1	3654	1	3654	1	3654	1	3654	1	3654
37	Burner Baffles	2	3656	2	3657	2	3658	2	3660	4	3656	4	3659	4	3660
38	Burner Baffles (Continued)							1	3658						
	CONTROL EQUIPMENT														
	Control Panel	CONSULT EQUIPMENT LIST													
	Terminal Strip *														
	Flexible Conduit 3/8"	3	25604	3	25604	3	25604	3	25604	3	25604	3	25604	3	25604
	Electronic Combustion Control	CONSULT EQUIPMENT LIST													
	Combustion Control Subbase														
	UV Scanner (Optional)														
	Pressuretrol - Operator														
	Pressuretrol - High Limit														
	Low Water Cut-Off & Pump Control														
	Auxiliary Low Water Cut Off Probe														
	Auxiliary Low Water Cut Off Relay														
	Gauge Glass Set														
	Gauge Glass Valves														
	Try Cocks 1/2" (only on 150#, 3 ea.)														
	Pressure Gauge														
	Pressure Relief Valve														
	Pressure Gauge Cock														
	Blowdown Valve(s) (Optional)														
	SERVICE TOOLS														
	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
	Tube Brush ***	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917
	DRAFT DIVERter (Optional)	1	28658	1	28659	1	28663	1	28663	1	28664	1	28664	1	28664
	BAROMETRIC DRAFT CONTROL (Standard)	1	28623	1	28624	1	28625	1	28625	1	28626	1	28626	1	28626

* Depends on the Number of Terminals Required

** Furnished as Standard on High Pressure Steam Only (150#)

*** Not Standard. Available Upon Request

EFF. DATE 6/01/04

REPL. NEW

ILLUSTRATED PARTS LIST

FORM CLM-WATER-FD

Page: CLM-FD-W-1

FOR CLM – SERIES, FORCED DRAFT, WATER BOILERS CLM120 THRU CLM300

ORDERING INSTRUCTIONS

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

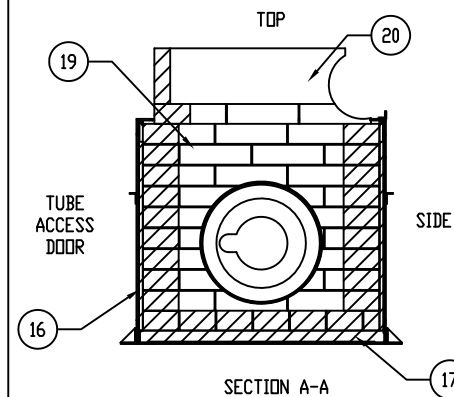
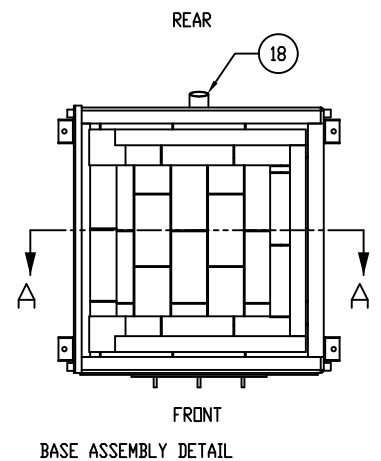
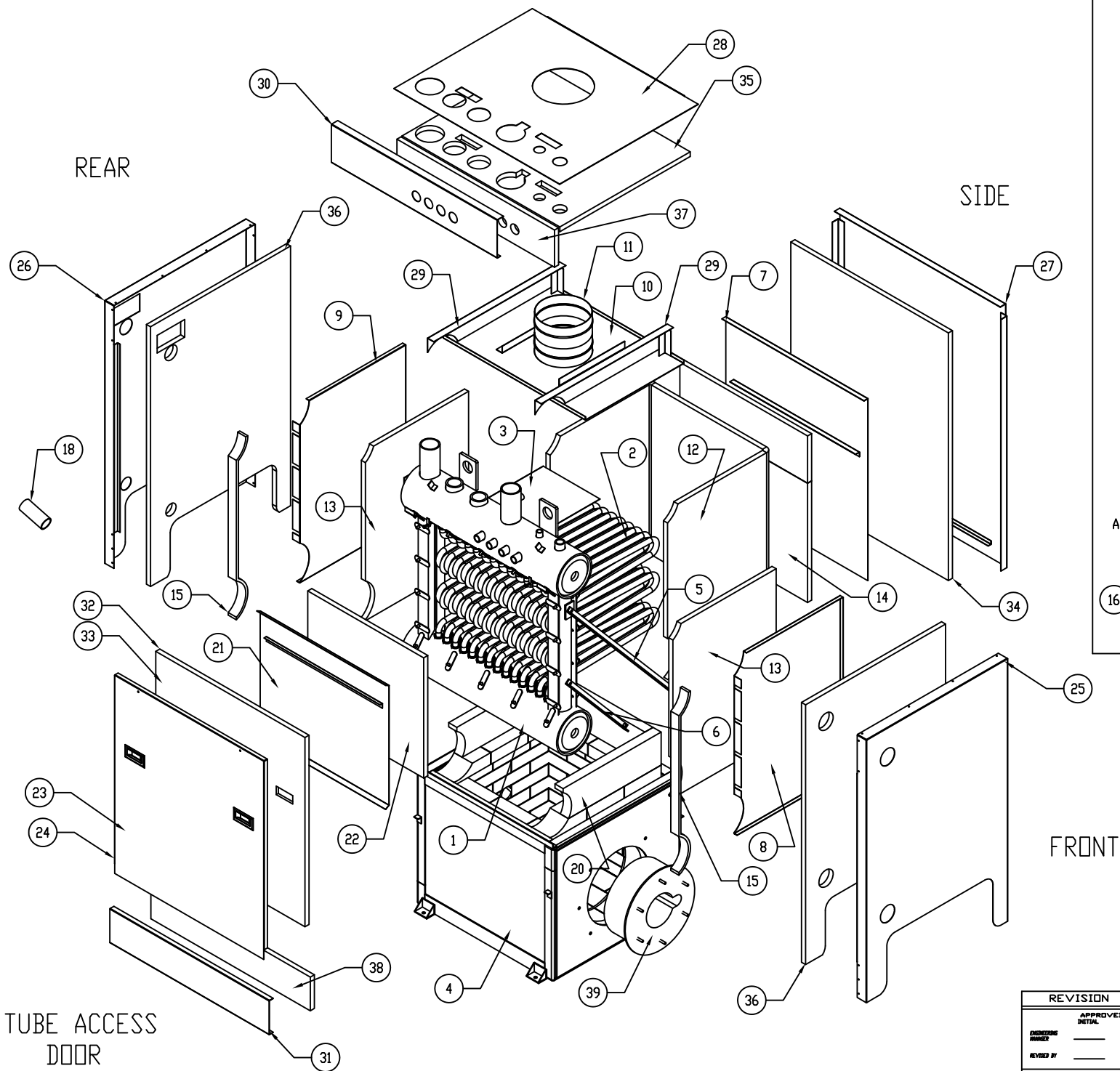
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	400131	Boiler Tubes	CLM210	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



TUBE ACCESS
DOOR

REVISION #0		 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970			
DESIGNED BY	DATE	DWG. TITLE			
ENGINEER	DATE	CLM WATER FD BOILER ASSEMBLY EXPLODED VIEW			
REVISED BY	DATE	DRAWN BY	DATE	SCALE	DESIGN
		JSL	6/18/04	NONE	FS
					DWG. NO. A21166

EFF. DATE: 6/1/04

REPL: NEW

CLM - SERIES
FORCED DRAFT - WATER

FORM CLM -WATER-FD

PAGE: CLM - FD - 2

ITEM	DESCRIPTION	CLM90-W		CLM120-W		CLM150-W		CLM180-W		CLM210-W		CLM240-W		CLM270-W		CLM300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
1	PRESSURE VESSEL (with tubes)	1	400111.90	1	400111.120	1	400111.150	1	400111.180	1	400111.210	1	400111.240	1	400111.270	1	400111.300
	BOILER TUBE ASSEMBLY																
2	Boiler Tube	27	400131	36	400131	45	400131	54	400131	63	400131	72	400131	81	400131	90	400131
	Boiler Tube Clamp Stud	26	25184	36	25184	44	25184	54	25184	62	25184	72	25184	80	25184	90	25184
	Tube Clamp	26	23622	36	23622	44	23622	54	23622	62	23622	72	23622	80	23622	90	23622
	Tube Clamp Nut	26	25114	36	25114	44	25114	54	25114	62	25114	72	25114	80	25114	90	25114
3	Tube Baffle																
4	BOILER BASE ASSEMBLY	1	4246	1	4247	1	4248	1	4249	1	4250	1	4251	1	4252	1	4253
5	Support Bar - (long) 42-1/8" (ft)	4	11002	4	11002	4	11002	4	11002	4	11002	4	11002	4	11002	4	11002
6	Support Bar - (short) - Knockdown Only 22-1/8" (ft)	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002
	FLUE COLLECTOR PANELS																
7	Flue Collector - Side (Opposite Tube Panel)	1	300325.90	1	300325.120	1	300325.150	1	300325.180	1	300325.210	1	300325.240	1	300325.270	1	300325.300
8	Flue Collector - Front	1	300282	1	300282	1	300282	1	300282	1	300282	1	300282	1	300282	1	300282
9	Flue Collector - Rear	1	300282	1	300282	1	300282	1	300282	1	300282	1	300282	1	300282	1	300282
10	Flue Collector - Top	1	300288.90	1	300288.120	1	300288.150	1	300288.180	1	300288.210	1	300288.240	1	300288.270	1	300288.300
11	Flue Collector Stack Extension	1	28679	1	28679	1	28680	1	28681	1	28681	1	32183	1	32183	1	32183
	FLUE COLLECTOR INSULATION																
12	Flue Collector Tube Wrap (inswool)	1	300357.90	1	300357.120	1	300357.150	1	300357.180	1	300357.210	1	300357.240	1	300357.270	1	300357.300
13	Flue Collector Front/Rear Insulation 1" (thermofiber)	2	300358.90	2	300358.120	2	300358.150	2	300358.180	2	300358.210	2	300358.240	2	300358.270	2	300358.300
14	Flue Collector Side Insulation 1" (thermofiber)	1	300359.90	1	300359.120	1	300359.150	1	300359.180	1	300359.210	1	300359.240	1	300359.270	1	300359.300
15	Flue Collector Insulation Strips 6' x 3" x 1" (inswool)	2	24529	2	24529	2	24529	2	24529	2	24529	2	24529	2	24529	2	24529
	COMBUSTION CHAMBER ASSEMBLY																
16	Side Insulation Block 1/2" x 18" x 24" (sq. ft.)	14	24500	17	24500	21	24500	21	24500	28	24500	32	24500	33	24500	35	24500
17	Floor Insulation Block 1-1/2" x 24" x 36" (sq. ft.)	18	24504	21	24504	24	24504	25	24504	26	24504	30	24504	31	24504	33	24504
18	Fire Inspection Tube	1	8430	1	8430	1	8430	1	8430	1	8430	1	8430	1	8430	1	8430
	Nipple, 2" x 7"	1	22479	1	22479	1	22479	1	22479	1	22479	1	22479	1	22479	1	22479
	Pipe Cap 2"	1	22245	1	22245	1	22245	1	22245	1	22245	1	22245	1	22245	1	22245
	View Glass 1/4" x 2" Dia. Pyrex	1	28931	1	28931	1	28931	1	28931	1	28931	1	28931	1	28931	1	28931
	Rope Gasket 3/8" (ft.)	1	24621	1	24621	1	24621	1	24621	1	24621	1	24621	1	24621	1	24621
19	Combustion Chamber Brick - 2300 ⁰ Fire	138	24541	164	24541	190	24541	217	24541	244	24541	271	24541	292	24541	319	24541
20	Refractory Tile 2"	4	24531	4	24531	5	24531	5	24531	5	24531	6	24531	6	24531	7	24531
	Refractory Cement (in pounds)	100	24550	150	24550	200	24550	250	24450	300	24450	325	24450	350	24450	375	24450

EFF. DATE: 6/01/04
REPL: NEW

**CLM - SERIES
FORCED DRAFT - WATER**

FORM CLM-WATER-FD
PAGE: CLM - FD - 3

[illegible]

EFF. DATE: 6/01/04
REPL: NEW

**CLM - SERIES
FORCED DRAFT - WATER**

FORM CLM-WATER-FD
PAGE: CLM - FD - 4

ITEM	DESCRIPTION	CLM90-W		CLM120-W		CLM150-W		CLM180-W		CLM210-W		CLM240-W		CLM270-W		CLM300-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
	CONTROL EQUIPMENT LIST																
	Junction Box w/Cover or Control Box	CONSULT EQUIPMENT LIST															
	Terminal Strip *																
	Aquastat - Operator																
	Aquastat - High Limit																
	Aquastat Well																
	Low Water Cut Off																
	Wire Molding																
	WATER TRIM																
	Comb.Temp/Press.Gauge	CONSULT EQUIPMENT LIST															
	Pressure Relief Valve																
	INDIRECT WATER HEATER																
	Indirect Heat Exchanger	CONSULT EQUIPMENT LIST															
	Heat Exchanger Gasket 8"	1	29189	1	29189	1	29189	1	20189	1	29189	1	29189	1	29189	1	29189
	Expansion Tank	CONSULT EQUIPMENT LIST															
	Boiler Fill Valve																
	Heat Exchanger Relief Valve (WT ONLY)																
	Pool Water Temperature Control (WP ONLY)																
	SERVICE TOOLS																
	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
	Tube Brush **	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916	1	28916

* Depends on Number of Terminals Required

** Not Standard. Available Upon Request.

EFF. DATE 6/01/04

REPL. NEW

ILLUSTRATED PARTS LIST

FORM 2352

Page: CLM-FD-S-1

FOR CLM – SERIES, FORCED DRAFT, STEAM BOILERS CLM120 THRU CLM300

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:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	400131	Boiler Tubes	CLM180	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>

EFF.DATE: 6/01/04

REPL.: NEW

CLM - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM: CLM-STEAM-FD

PAGE: CLM - FD - S - 2

ITEM	DESCRIPTION	CLM120-S		CLM150-S		CLM180-S		CLM210-S		CLM240-S		CLM270-S		CLM300-S	
		REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.	REQ	PART NO.
1	PRESSURE VESSEL - (With Tubes) - 15#	1	400111.120	1	400111.150	1	400111.180	1	400111.210	1	400111.240	1	400111.270	1	400111.300
	PRESSURE VESSEL - (With Tubes) - 150#	1	400112.120	1	400112.150	1	400112.180	1	400112.210	1	400112.240	1	400112.270	1	400112.300
	BOILER TUBE ASSEMBLY														
2	Boiler Tube	27	400131	36	400131	45	400131	63	400131	72	400131	81	400131	90	400131
	Boiler Tube Studs	26	25184	36	25184	44	25184	62	25184	71	25184	80	25184	89	25184
	Tube Clamp	26	23622	36	23622	44	23622	62	23622	71	23622	80	23622	89	23622
	Tube Clamp Nut	26	25114	36	25114	44	25114	62	25114	71	25114	80	25114	89	25114
3	Tube Baffle														
4	BOILER BASE ASSEMBLY - Welded Assembly	1	4247	1	4248	1	4249	1	4250	1	4251	1	4252	1	4253
5	Support Bar (long) 42-1/8" (ft)	4	11002	4	11002	4	11002	4	11002	4	11002	4	11002	4	11002
6	Support Bar (short) - Knockdown Only 22-1/8" (ft)	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002	2	11002
	FLUE COLLECTOR PANELS														
7	Flue Collector Side	1	300299.120	1	300299.150	1	300299.180	1	300299.210	1	300299.240	1	300299.270	1	300299.300
8	Flue Collector - Front	1	300281	1	300281	1	300281	1	300281	1	300281	1	300281	1	300281
9	Flue Collector - Rear	1	300281	1	300281	1	300281	1	300281	1	300281	1	300281	1	300281
10	Flue Collector Top	1	300286.120	1	300286.150	1	300286.180	1	300286.210	1	300286.240	1	300286.270	1	300286.300
11	Flue Collector Stack Extension	1	28701	1	28702	1	28703	1	28703	1	28704	1	28704	1	28704
	FLUE COLLECTOR PANEL INSULATION														
12	Flue Collector Tube Wrap	1	300357.120	1	300357.150	1	300357.180	1	300357.210	1	300357.240	1	300357.270	1	300357.300
13	Flue Collector Front Insulation	1	300358.120	1	300358.150	1	300358.180	1	300358.210	1	300358.240	1	300358.270	1	300358.300
14	Flue Collector Rear Insulation	1	300358.120	1	300358.150	1	300358.180	1	300358.210	1	300358.240	1	300358.270	1	300358.300
15	Flue Collector Side Insulation	1	300359.120	1	300359.150	1	300359.180	1	300359.210	1	300359.240	1	300359.270	1	300359.300
16	Flue Collector Insulation Strips Front/Rear 6' x 3" x 1" Inswool	2	24529	2	24529	2	24529	2	24529	2	24529	2	24529	2	24529
	COMBUSTION CHAMBER REFRACTORY ASSEMBLY														
17	Side Insulation Block 1/2" x 18" x 24" (sq. ft.)	17	24500	21	24500	21	24500	28	24500	32	24500	29	24500	35	24500
18	Floor Insulation Block 1-1/2" x 24" x 36" (sq. ft.)	21	24504	24	24504	25	24504	26	24504	30	24504	30	24504	33	24504

REPL.: NEW

CLM - SERIES

PAGE: CLM - FD - S - 3

ITEM	DESCRIPTION	CLM120-S		CLM150-S		CLM180-S		CLM210-S		CLM240-S		CLM270-S		CLM300-S	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.
19	Fire Inspection Tube	1	8430	1	8430	1	8430	1	8430	1	8430	1	8430	1	8430
	Nipple, 2" x 7"	1	22479	1	22479	1	22479	1	22479	1	22479	1	22479	1	22479
	Pipe Cap 2"	1	22245	1	22245	1	22245	1	22245	1	22245	1	22245	1	22245
	View Glass 1/4" x 2" Dia. Pyrex	1	28931	1	28931	1	28931	1	28931	1	28931	1	28931	1	28931
	Rope Gasket 3/8" (ft.)	1	24621	1	24621	1	24621	1	24621	1	24621	1	24621	1	24621
20	Combustion Chamber Brick 2300 ⁰ Firebrick	164	24541	190	24541	217	24541	244	24541	271	24541	292	24541	319	24541
21	Refractory Tile 24" x 7" x 2"	4	24531	5	24531	5	24531	5	24531	6	24531	6	24531	7	24531
	Refractory Cement (in pounds)	150	24550	200	24550	250	24550	300	24550	325	24550	350	24550	375	24550
	TUBE PANEL AND INSULATION														
22	Tube Panel	1	300284.120	1	300284.150	1	300284.180	1	300284.210	1	300284.240	1	300284.270	1	300284.300
23	Tube Panel Insulation	1	300277.120	1	300277.150	1	300277.180	1	300277.210	1	300277.240	1	300270.270	1	300277.300
	JACKET PANELS														
24	Jacket Access Door (Type I)	1	300362.46	1	300362.55	1	300362.37	1	300362.46	1	300362.42	1	300362.51	1	300362.61
25	Jacket Access Door (Type II)	--	--	--	--	1	300363.28	1	300363.28	1	300363.41	1	300363.41	1	300363.41
26	Jacket Front	1	300291	1	300291	1	300291	1	300291	1	300291	1	300291	1	300291
27	Jacket Rear	1	300292	1	300292	1	300292	1	300292	1	300292	1	300292	1	300292
28	Jacket Side	1	300331.120	1	300331.150	1	300331.180	1	300331.210	1	300331.240	1	300331.270	1	300331.300
29	Jacket Top	1	300327.120	1	300327.150	1	300327.180	1	300327.210	1	300327.240	1	300327.270	1	300327.300
30	Jacket Top Support Bar	2	300332	4	300332	4	300332	4	300332	4	300332	4	300332	4	300332
31	Jacket Door Top Filler Bar	1	300385.120	1	300385.150	1	300385.180	1	300385.210	1	300385.240	1	300385.270	1	300385.300
32	Jacket Bottom Door Bar	1	3483	1	3484	1	3485	1	3486	1	3487	1	3488	1	3489
	JACKET PANEL INSULATION														
33	Access Door Insulation (Type I)	1	300492.42	1	300492.55	1	300492.37	1	300492.46	1	400492.42	1	300492.51	1	300492.61
34	Access Door Insulation (Type II)					1	300492.28	1	300492.28	1	300492.41	1	300492.41	1	300492.41
35	Jacket Side Insulation	1	300493.48	1	300493.58	1	300493.67	1	300493.76	1	300493.87	1	300493.95	1	300493.104
36	Jacket Front/Rear Insulation	2	300490	2	300490	2	300490	2	300490	2	300490	2	300490	2	300490
37	Jacket Top Insulation	1	300489.120	1	300489.150	1	300489.180	1	300489.210	1	300489.240	1	300489.270	1	300489.300
38	Jacket Door Top Filler Bar Insulation	1	300487.120	1	300487.150	1	300487.180	1	300487.210	1	300487.240	1	300487.270	1	300487.300
	BURNER ASSEMBLY														
	BURNER - See Burner Parts Data Sheet	REFER TO EQUIPMENT LIST													
40	Burner Plug	1	38001	1	38001	1	38001	1	38001	1	38001	1	38001	1	38001
	Rope Gasket (Ft.)	10	24621	10	24621	10	24621	10	24621	10	24621	10	24621	10	24621

EFF.DATE: 6/01/04

REPL.: NEW

**CLM - SERIES
FORCED DRAFT - STEAM
PARTS LIST**

FORM: CLM-STEAM-FD

PAGE: CLM - FD - S - 4

ITEM	DESCRIPTION	CLM120-S		CLM150-S		CLM180-S		CLM210-S		CLM240-S		CLM270-S		CLM300-S	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.
	STEAM TRIM	REFER TO EQUIPMENT LIST													
	Control Panel														
	Terminal Strip *														
	Gauge Glass														
	Gauge Glass Valves														
	Pressuretrol - Operator														
	Pressuretrol - High Limit														
	Low Water Cut Off & Pump Control														
	Auxiliary Low Water Cut Off														
	Try Cocks														
	Pressure Gauge														
	Pressure Relief Valve														
	Pressure Shutoff Cock														
	Blowdown Valves (Optional)														
	SERVICE TOOLS														
	Tube Puller **	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
	Tube Driver **	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
	Tube Brush ***	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

* Depends on Number of Terminals Required

** Furnished as Standard on High Pressure Steam Only

*** Not Standard. Available Upon Request.

EFF. DATE 1/1/02

REPL. 4/1/97

ILLUSTRATED PARTS LIST

FORM 1337-D-FD-W

PAGE: D - 1

FOR D-SERIES FORCED DRAFT, WATER BOILERS D250 THRU D650

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:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3002	Boiler Tubes (Short)	D250	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>

LEFT

NOTE: SEE C-11011-A FOR D-650 INSULATION
AND D-450 & D-650 W/ BRICKED CHAMBER.

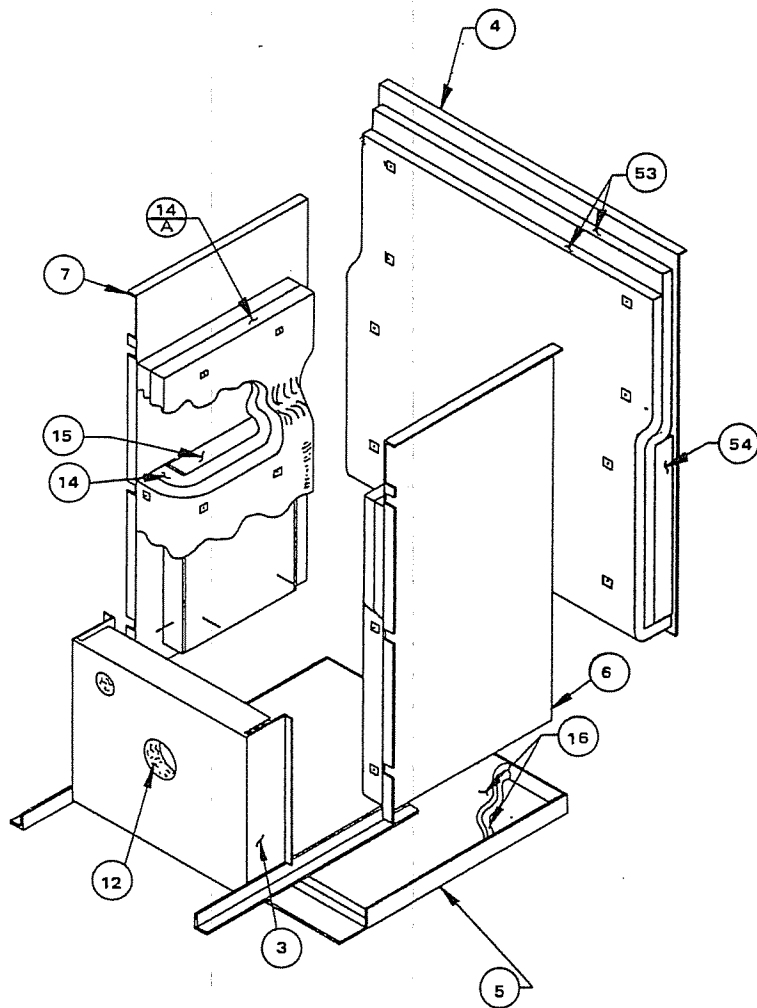
REAR

RIGHT

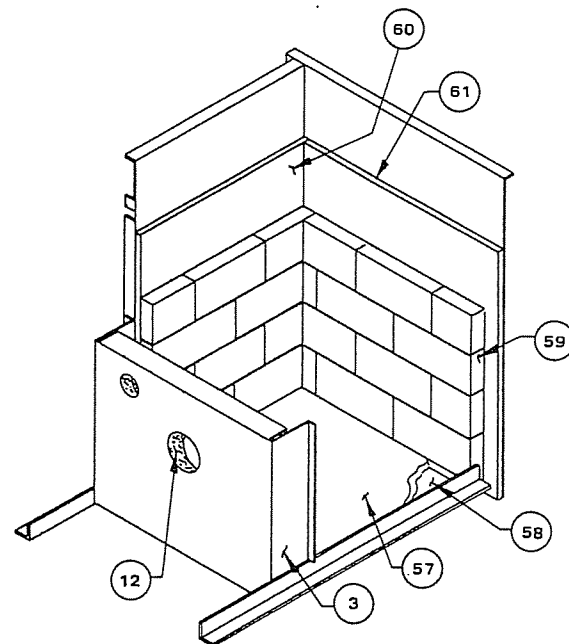
FRONT

EFFECTIVE
DATE
2-14-86

BRYAN STEAM CORP.			
REV.	DATE	DESCRIPTION	PERIOD
1	7-22-80	EXP. REVISION	
2	7-22-80	EXP. REVISION	
3	7-22-80	EXP. REVISION	
4	7-22-80	EXP. REVISION	
5	7-22-80	EXP. REVISION	
6	7-22-80	EXP. REVISION	
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33	7-22-80	EXP. REVISION	
34	7-22-80	EXP. REVISION	
35	7-22-80	EXP. REVISION	
36	7-22-80	EXP. REVISION	
37	7-22-80	EXP. REVISION	
38	7-22-80	EXP. REVISION	
39	7-22-80	EXP. REVISION	
40	7-22-80	EXP. REVISION	
41	7-22-80	EXP. REVISION	
42	7-22-80	EXP. REVISION	
43	7-22-80	EXP. REVISION	
44	7-22-80	EXP. REVISION	
45	7-22-80	EXP. REVISION	
46	7-22-80	EXP. REVISION	
47	7-22-80	EXP. REVISION	
48	7-22-80	EXP. REVISION	
49	7-22-80	EXP. REVISION	
50	7-22-80	EXP. REVISION	
51	7-22-80	EXP. REVISION	
52	7-22-80	EXP. REVISION	
53	7-22-80	EXP. REVISION	
54	7-22-80	EXP. REVISION	
55	7-22-80	EXP. REVISION	
56	7-22-80	EXP. REVISION	
57	7-22-80	EXP. REVISION	
58	7-22-80	EXP. REVISION	
59	7-22-80	EXP. REVISION	
60	7-22-80	EXP. REVISION	
61	7-22-80	EXP. REVISION	
62	7-22-80	EXP. REVISION	
63	7-22-80	EXP. REVISION	
64	7-22-80	EXP. REVISION	
65	7-22-80	EXP. REVISION	
66	7-22-80	EXP. REVISION	
67	7-22-80	EXP. REVISION	
68	7-22-80	EXP. REVISION	
69	7-22-80	EXP. REVISION	
70	7-22-80	EXP. REVISION	
71	7-22-80	EXP. REVISION	
72	7-22-80	EXP. REVISION	
73	7-22-80	EXP. REVISION	
74	7-22-80	EXP. REVISION	
75	7-22-80	EXP. REVISION	
76	7-22-80	EXP. REVISION	
77	7-22-80	EXP. REVISION	
78	7-22-80	EXP. REVISION	
79	7-22-80	EXP. REVISION	
80	7-22-80	EXP. REVISION	
81	7-22-80	EXP. REVISION	
82	7-22-80	EXP. REVISION	
83	7-22-80	EXP. REVISION	
84	7-22-80	EXP. REVISION	
85	7-22-80	EXP. REVISION	
86	7-22-80	EXP. REVISION	
87	7-22-80	EXP. REVISION	
88	7-22-80	EXP. REVISION	
89	7-22-80	EXP. REVISION	
90	7-22-80	EXP. REVISION	
91	7-22-80	EXP. REVISION	
92	7-22-80	EXP. REVISION	
93	7-22-80	EXP. REVISION	
94	7-22-80	EXP. REVISION	
95	7-22-80	EXP. REVISION	
96	7-22-80	EXP. REVISION	
97	7-22-80	EXP. REVISION	
98	7-22-80	EXP. REVISION	
99	7-22-80	EXP. REVISION	
100	7-22-80	EXP. REVISION	



D-650 INSULATION DETAILS



D-450 & D-650 W/BRICKED CHAMBER

TITLE D-450 & D-650 INSULATION DETAILS (WATER)

1 REMOVED THIS SET 56

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SCALE N° MATERIAL NOTE
DRAWN BY J. SNYDER
DATE 5-9-85
CHECKED BY
APPROVED BY

BRYAN STEAM CORPORATION
PERU, INDIANA

DRAWING NUMBER C-11011-A

EFF: 1/1/02

REPL: 5/1/97

D - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1337

PAGE: D - 3

ITEM	DESCRIPTION	D250-W		D350-W		D450-W		D650-W	
		NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.
1	BOILER FRAME ASSY (Welded Assy) - W/Tubes	1	4002	1	4003	1	4004	1	4005
	BOILER TUBE ASSEMBLY								
2	Boiler Tube - Long (Outside Row)	5	3001	7	3001	9	3001	13	3001
	Boiler Tube - Short (Inside Row)	5	3002	7	3002	9	3002	13	3002
2A	Boiler Tube Studs	10	25186	14	25186	18	25186	26	25186
2B	Boiler Tube Clamps	10	23622	14	23622	18	23622	26	23622
2C	Boiler Tube Nuts - 3/8"	10	25114	14	25114	18	25114	26	25114
3	BOILER BASE ASSEMBLY (Welded Assembly)	1	4017	1	4018	1	4019	1	4020
	FLUE COLLECTOR ASSEMBLY (Items 4-10)	1	4033	1	4034	1	4035	1	4036
4	Flue Collector Rear	1	3006	1	3007	1	3008	1	3009
5	Flue Collector Floor	1	3012	1	3013	1	3014	1	3015
6	Flue Collector Right End - 36-7/8"x19-3/8"	1	3021	1	3021	1	3021	1	3021
7	Flue Collector Left End - 36-7/8"x19-3/8"	1	3022	1	3022	1	3022	1	3022
8	Flue Collector Top	1	3024	1	3025	1	3026	1	3027
9	Flue Collector Nut - 3/8"	8	25113	8	25113	8	25113	9	25113
10	Flue Collector Washer	8	2127	8	2127	8	2127	9	2127
11	Flue Extension	1	30136	1	30136	1	30137	1	30137
	COMBUSTION CHAMBER REFR. ASSY (Items 12-16)	1	4223	1	4224	1	4225	1	4226
12	Combustion Chamber Front Insulation	1	3045	1	3046	1	*3047	1	3048
13	Combustion Chamber (1 piece)	1	24586	1	24587	1	24588	1	24589
13A	Combustion Chamber Positioning Bracket	2	30150	2	30150	2	30150	2	30150
14	Combustion Chamber Inner Insulation	1	30096	1	30097	1	30098	1	**
15	Combustion Chamber Outer Insulation	1	30088	1	30089	1	30090	1	**
16	Combustion Chamber Floor Insulation	1	3049	1	3050	1	3051	1	30521
	TUBE PANEL ASSEMBLY (Items 17-20)	1	4045	1	4046	1	4047	1	4048
17	Tube Panel	1	3068	1	3069	1	3070	1	3071
18	Tube Panel Insulation - 1" Ceramic Fiber	1	3074	1	3075	1	3076	1	3077
19	Tube Panel Nut - 3/8"	9	25113	8	25113	8	25113	12	25113
20	Tube Panel Washer - 3/8" I.D.	9	2127	8	2127	8	2127	12	2127

EFF: 1/1/02

REPL: 5/1/97

D - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1337

PAGE: D - 4

ITEM	DESCRIPTION	D250-W		D350-W		D450-W		D650-W	
		NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.
	JACKET ASSEMBLY (Items 22-28)	1	4049	1	4050	1	4051	1	4052
21	Jacket Floor Pan	1	3080	1	3081	1	3082	1	3083
22	Jacket Rear	1	3086	1	3087	1	3088	1	3089
23	Jacket Right Side - 42-7/16"x34-7/8"	1	3091	1	3091	1	3091	1	3091
24	Jacket Left Side - 42-7/16"x34-7/8"	1	3092	1	3092	1	3092	1	3092
25	Jacket Top	1	3094	1	3095	1	3096	1	3097
26	Jacket Access Door	1	3100	1	3101	1	3102	1	30102
27	Partial Jacket Access Door (For Longer Burners)	--	--	--	--	1	30101	1	30102
28	Jacket Acc. Door (Equip. for Outdoor Install w/ Wayne Burn)	--	--	--	--	--	--	1	30103
28A	Access Door Latch	1	29142	1	29142	1	29142	1	29142
	BURNER ASSEMBLY								
30	Burner Parts Data Sheet								
31	Burner Assembly (Complete) GAS, GAS/OIL, OIL								
32	Burner Plug								
	CONTROL EQUIPMENT								
33	Electrical Conduit Box								
34	Aquastat - Operator (L4008)								
35	Aquastat - High Limit (L4008)								
36	Aquastat Well								
37	Low Water Cutoff (PS 851)								
38	Combination Temp/Press Gauge (30-240 ⁰ , 60 #Std)								
39	Pressure Relief Valve (30#, 45# or 60# Std)								
40	Boiler Drain Valve	1	28976	1	28976	1	28976	1	28976
41	Boiler Vent Valve	1	28961	1	28961	1	28961	1	28961

EFF: 1/1/02

REPL: 5/1/97

D - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1337

PAGE: D - 5

ITEM	DESCRIPTION	D250-W		D350-W		D450-W		D650-W	
		NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.
	INDIRECT HEATER								
42	Indirect Heat Exchanger	REFER TO EQUIPMENT LIST							
	Heat Exchanger Relief Valve (WT)								
43	Heat Exchanger Gasket	1	29185	1	29185	1	29185	1	29185
44	Heat Exchanger Nut - 1/2" - 20	6	25116	6	25116	6	25116	6	25116
45	Heat Exchanger Stud	6	25189	6	25189	6	25189	6	25189
46	Heat Exchanger Drain Valve	1	27630	1	27630	1	27630	1	27630
47	Copper Fill Line	1	10617	1	10617	1	10617	1	10617
48	Expansion Tank with Fill Valve	1	28958	1	28958	1	28958	1	28958
49	Pool Temperature Control Aquastat (WP)	REFER TO EQUIPMENT LIST							
	SERVICE TOOLS								
50	Tube Puller *	1	28905	1	28905	1	28905	1	28905
51	Tube Driver *	1	28901	1	28901	1	28901	1	28901
52	Tube Brush *	1	28917	1	28917	1	28917	1	28917
	ADDENDUM FOR D650 COMBUSTION CHAMBER INSUL.								
14	Inner Insulation - 1"x19"x36"	--	--	--	--	--	--	2	24528
14A	Inner Insulation - 1"x20"x36"	--	--	--	--	--	--	2	24528
15	Outer Insulation - 2"x12"x17"	--	--	--	--	--	--	2	24506
53	Rear Insulation - 1"x32"x36"	--	--	--	--	--	--	2	24528
54	Rear Insulation - 2"x17"x32"	--	--	--	--	--	--	1	24506
	D450 & D650 W/BRICK CHAMBER (Optional)								
57	Floor Insulation - 1" Kast-O-Lite	--	--	--	--	1	24554	1	24554
58	Floor Insulation - Inswool	--	--	--	--	1	24528	1	24528
59	Combustion Chamber Brick 2600 ⁰ F	--	--	--	--	32	24542	32	24542
60	Combustion Chamber (R&L) Insul. - 1/2" Monoblock	--	--	--	--	2	24500	2	24500
61	Combustion Chamber Rear Insul. - 1/2" Monoblock	--	--	--	--	1	24500	1	24500

* Not Standard. Available Upon Request.

EFF. DATE 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 1339-D-FD-S

PAGE: D - 7

FOR D-SERIES FORCED DRAFT, STEAM BOILERS D250 THRU D650

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 |

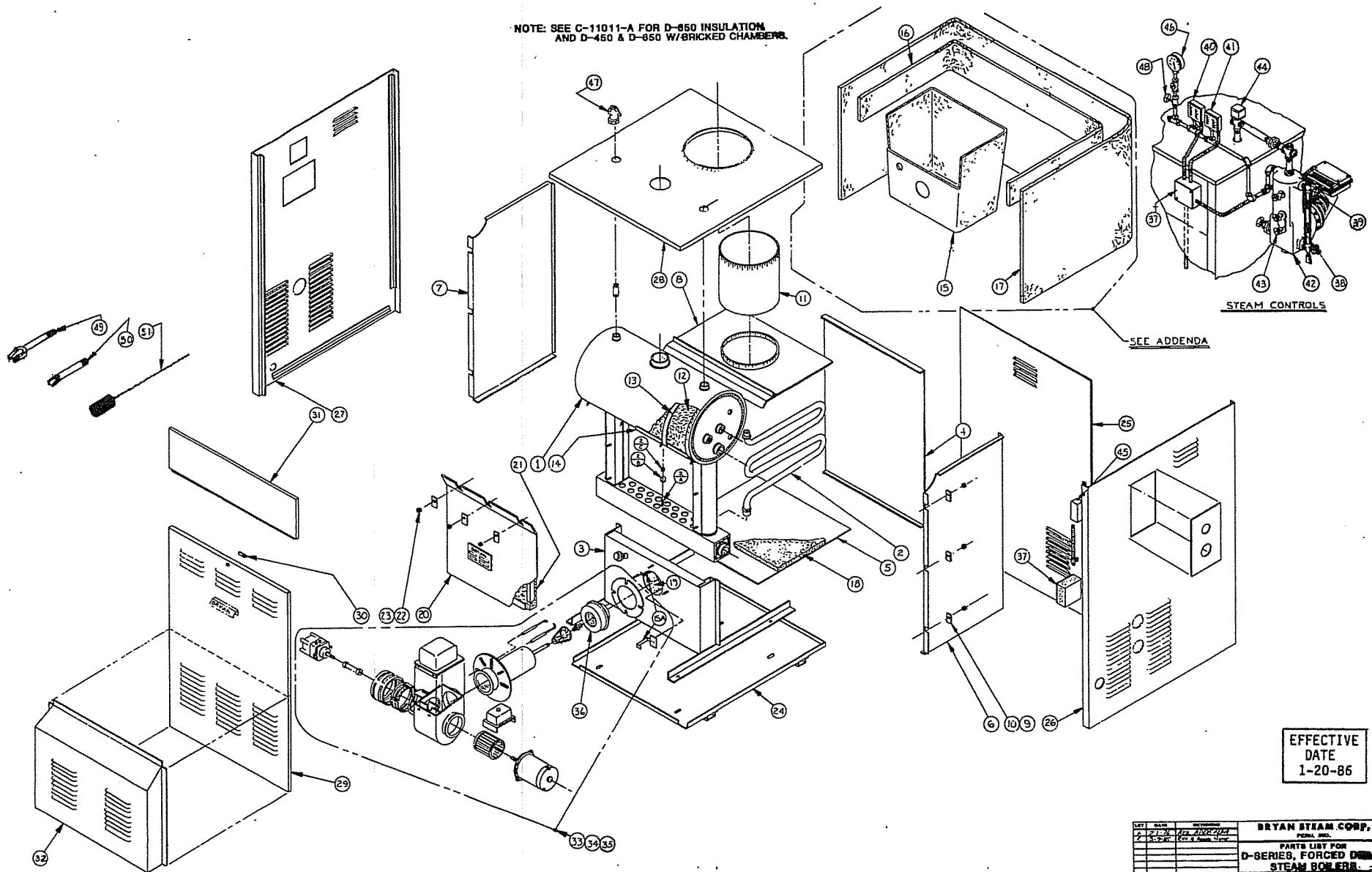
EXAMPLE

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	3001	Boiler Tubes (Long)	D450	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>

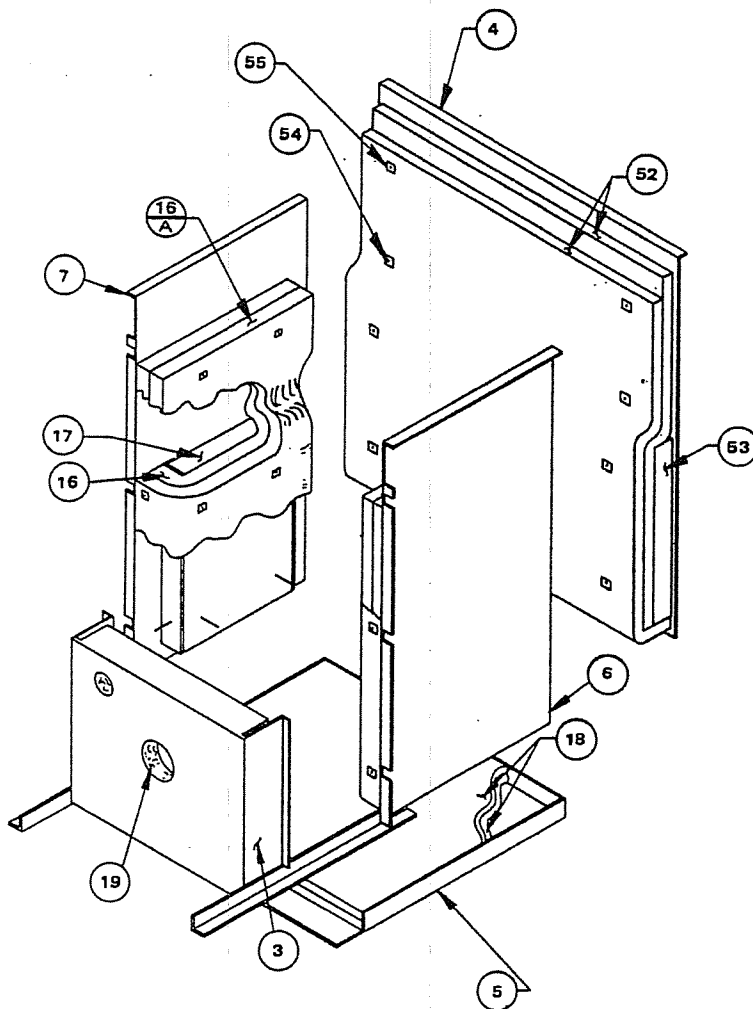
NOTE: SEE C-11011-A FOR D-850 INSULATION
AND D-450 & D-850 W/BRICKED CHAMBERS.



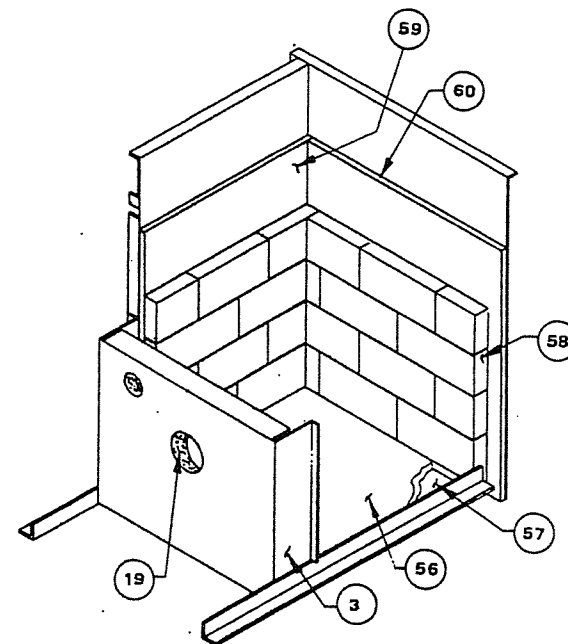
EFFECTIVE
DATE
1-20-86

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
1	1-20-86	ISSUED FOR PRODUCTION	W. J. P.	W. J. P.	W. J. P.
2	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
3	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
4	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
5	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
6	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
7	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
8	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
9	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
10	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
11	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
12	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
13	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
14	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
15	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
16	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
17	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
18	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
19	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
20	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
21	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
22	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
23	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
24	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
25	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
26	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
27	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
28	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
29	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
30	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
31	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
32	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
33	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
34	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
35	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
36	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
37	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
38	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
39	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
40	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
41	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
42	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
43	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
44	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
45	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
46	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.
47	1-20-86	REVISED TO ADD PARTS LIST	W. J. P.	W. J. P.	W. J. P.

BRYAN STEAM CORP.,
P.O. BOX 100
D-SERIES, FORCED DRAUGHT
STEAM BOILERS
D-11170



D-650 INSULATION DETAILS



D-450 & D-650 W/BRICKED CHAMBER

TITLE D-450 & D-650 INSULATION DETAILS (STEAM)

1	5	9
2	6	10
3	7	11
4	8	12

BRYAN STEAM CORPORATION
PERU, INDIANA

SCALE 1/2"
MATERIAL 304/16
DRAWN BY J. SNYDER
DATE 7-7-81
CHECKED BY
APPROVED BY
DRAWING NUMBER C-11011-A

EFF: 1/1/02

REPL: 5/1/97

D - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 1339

PAGE: D - 9

ITEM	DESCRIPTION	D250-S		D450-S		D650-S	
		NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.
1	BOILER FRAME ASSY (Welded Assy) - W/Tubes - 15#	1	4081	1	4082	1	4083
	BOILER FRAME ASSY (Welded Assy) - W/Tubes - 150#	1	4081.1	1	4081.1	1	4081.1
	BOILER TUBE ASSEMBLY						
2	Boiler Tube - Long (Outside Row)	5	3001	9	3001	13	3001
2	Boiler Tube - Short (Inside Row)	5	3002	9	3002	13	3002
2A	Boiler Tube Stud	10	25186	18	25186	26	25186
2B	Boiler Tube Clamp	10	23622	18	23622	26	23622
2C	Boiler Tube Nut - 3/8"	10	25114	18	25114	26	25114
3	BOILER BASE ASSEMBLY (Welded Assembly)	1	4017	1	4019	1	4020
	FLUE COLLECTOR ASSEMBLY (Items 4-10)	1	4085	1	4086	1	4087
4	Flue Collector Rear	1	3006	1	3008	1	3009
5	Flue Collector Floor	1	3012	1	3014	1	3015
6	Flue Collector Right End - 36-7/8"x19-3/8"	1	3165	1	3165	1	3165
7	Flue Collector Left End - 36-7/8"x19-3/8"	1	3166	1	3166	1	3166
8	Flue Collector Top	1	3167	1	3168	1	3169
9	Flue Collector Nut	6	25114	6	25114	6	25114
10	Flue Collector Clip - 3/8" I.D.	6	2127	6	2127	6	2127
11	Flue Extension	1	28686	1	28688	1	28688
	UPPER DRUM INSUL. ASSEMBLY						
12	Upper Drum Insulation 1-1/2" Fiberglass	1	3161	1	3162	1	3163
13	Insulation Retainer Strips	2	30131	2	30131	2	30131
14	Insulation Cover sheet	1	30132	1	30133	1	30134
	COMBUSTION CHAMBER REFRACTORY INSUL. (Items 15-19)	1	4223	1	4225	1	4226
15	Combustion Chamber (1 piece)	1	34586	1	24588	--	--
15A	Combustion Chamber Positioning Bracket	2	30150	2	30150	--	--
16	Combustion Chamber Inner Insulation (Inswool)	1	30096	1	30098	1	**
17	Combustion Chamber Outer Insulation (Monoblock)	1	30088	1	30090	1	**
18	Combustion Chamber Floor Insulation	1	3049	1	3031	2	30521
19	Combustion Chamber Front Insulation	1	3045	1	*3047	1	3048

REPL: 5/1/97

FORCED DRAFT - STEAM

PAGE: D - 10

ITEM	DESCRIPTION	D250-S		D450-S		D650-S	
		NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.
	TUBE PANEL ASSEMBLY (Items 20-23)	1	4089	1	4090	1	4091
20	Tube Panel	1	3171	1	3172	1	3173
21	Tube Panel Insulation - 1" Ceramic Fiber	1	3175	1	3176	1	3177
22	Tube Panel Nut - 3/8"	9	25114	10	25114	12	25114
23	Tube Panel Washer - 3/8" I.D.	9	2127	10	2127	12	2127
	JACKET ASSEMBLY (Items 25-31)	1	4093	1	4094	1	4095
24	Jacket Floor Pan	1	3179	1	3180	1	3181
25	Jacket Rear	1	3183	1	3184	1	3185
26	Jacket Right Side - 51-3/16"x34-7/8"	1	3187	1	3187	1	3187
27	Jacket Left Side - 51-3/16"x34-7/8"	1	3188	1	3188	1	3188
28	Jacket Top	1	3189	1	3190	1	3191
29	Jacket Access Door	1	3193	1	3194	1	3195
30	Access Door Latch	1	29142	1	29142	1	29142
31	Jacket Access Door Top	1	3197	1	3198	1	3199
32	Jacket Access Door (Equip. for Outdoor Inst. w/Wayne Burner)	--	--	--	--	1	30103
	BURNER ASSEMBLY						
34	Burner Assembly (Complete), GAS, GAS/OIL, OIL						
35	Burner Mfgs. Parts Data Sheet						
36	Burner Plug						
	CONTROL EQUIPMENT						
37	Electric Conduit Box						
38	Gauge Glass (20-251-10)						
39	Gauge Glass Valves						
40	Pressure Control - Operator (L404)						
41	Pressure Control - High Limit (L404)						
42	Low Water Cut-Off (157 SRB)						
43	Try Cocks (26-315-01)						
44	Auxiliary Low Water Cut-Off Probe (RS-1-BR (1"))						
45	Auxiliary Low Water Cut-Off Relay (750-MT-120)						

EFF: 1/1/02
REPL: 5/1/97

**D - SERIES
FORCED DRAFT - STEAM
PARTS LIST**

FORM 1339
PAGE: D - 11

ITEM	DESCRIPTION	D250-S		D450-S		D650-S	
		NO. REQ'D	PART NO.	NO. REQ'D	PART NO.	NO. REQ'D	PART NO.
	STEAM TRIM						
46	Pressure Gauge (3-1/2" 30#, 60#, 100#, 200# or 300# Std.)	REFER TO EQUIPMENT LIST					
47	Pressure Relief Valve (15# OR 150# Std.)						
48	Pressure Gauge Shut Off Cock	1	28969	1	28969	1	28969
	SERVICE TOOLS						
49	Tube Puller *	1	28905	1	28905	1	28905
50	Tube Driver *	1	28901	1	28901	1	28901
51	Tube Brush **	1	28917	1	28917	1	28917
	ADDENDUM FOR D650 COMBUSTION CHAMBER INSULATION						
16	Combustion Chamber Inner Insulation - 1"x19"x36"	--	--	--	--	2	24528
16A	Combustion Chamber Inner Insulation - 1"x20"x36"	--	--	--	--	2	24528
17	Combustion Chamber Outer Insulation - 2"x12"x17"	--	--	--	--	2	24506
52	Combustion Chamber Rear Insulation - 1"x32"x36"	--	--	--	--	2	24528
53	Combustion Chamber Rear Insulation - 2"x17"x32"	--	--	--	--	1	24506
	D450 & D650 W/ BRICK CHAMBER (Optional)						
56	Combustion Chamber Floor Insulation - Kast-O-Lite	--	--	1	24554	1	24554
57	Combustion Chamber Floor Insulation - Inswool - 1"x20"x31-1/2"	--	--	1	24528	1	24528
58	Combustion Chamber Brick - 2600 Degree F	--	--	32	24542	32	24542
59	Combustion Chamber (R & L) Insulation - 1/2" Monoblock	--	--	2	24500	2	24500
60	Combustion Chamber Rear Insulation - 1/2" Monoblock	--	--	1	24500	1	24500

- * Furnished as Standard on High Pressure Steam Only
** Not Standard. Available Upon Request.

EFF. DATE 1/1/02

REPL. NEW

ILLUSTRATED PARTS LIST

FORM DR-W-FD

Page: DR-1

FOR DR – SERIES, FORCED DRAFT, WATER BOILERS MODELS DR250 THRU DR850

ORDERING INSTRUCTIONS

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

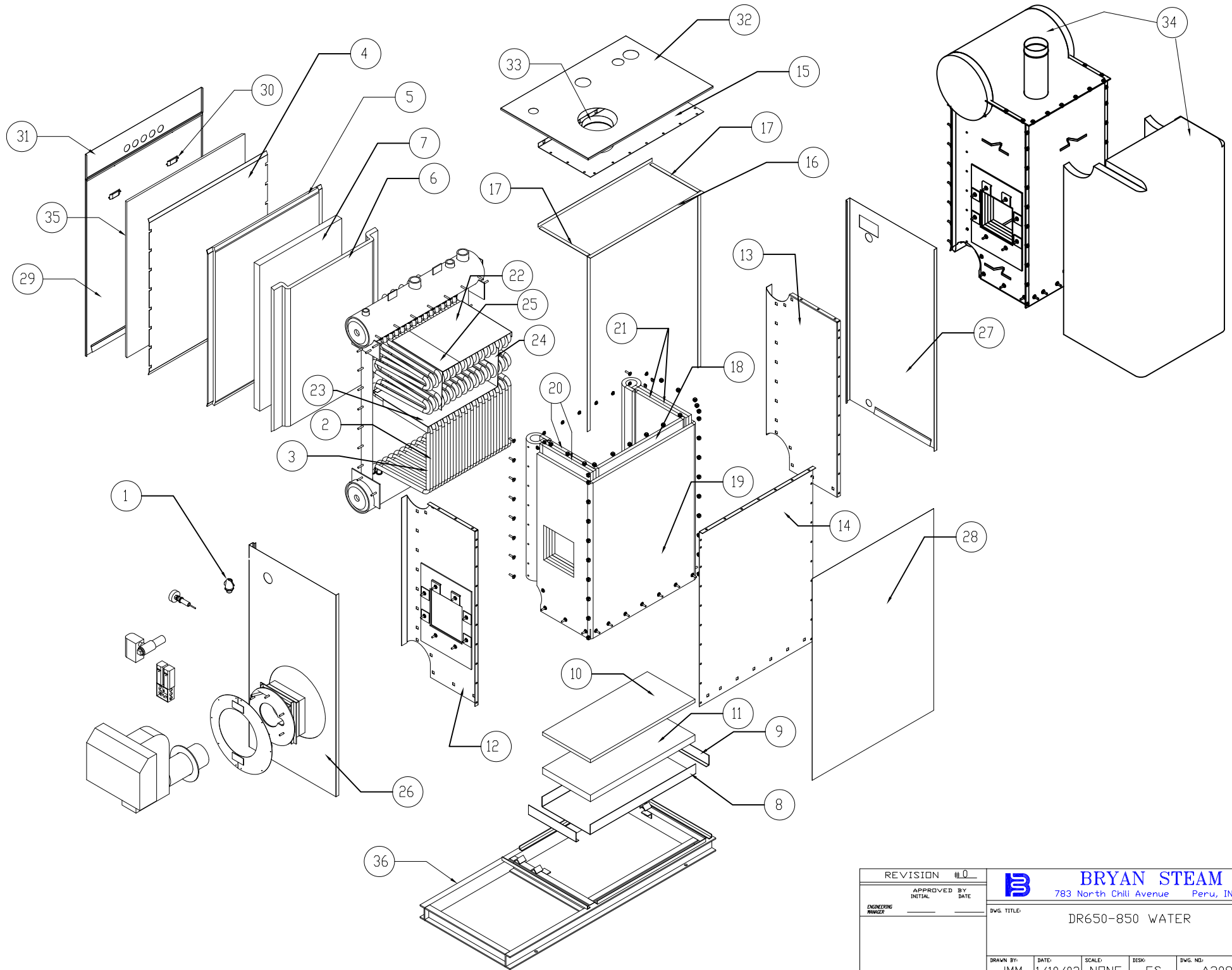
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	300017	Boiler Tubes	DR450	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



REVISION #0		 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970			
APPROVED BY	DATE				
ENGINEERING	MANAGER	DWG. TITLE: DR650-850 WATER			
DRAWN BY: JMM	DATE: 1/10/02	SCALE: NONE	RISK: FS	DWG. NO: A20915	

EFF.DATE: 1/1/02

REPL.: NEW

**DR - SERIES
FORCED DRAFT - WATER
PARTS LIST**

FORM DR-W

PAGE: DR - 8

ITEM	DESCRIPTION	DR 350		DR 450		DR650		DR850	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	PRESSURE VESSEL ASSEMBLY w/tubes	1	400023	1	400023	1	400024	1	400024
1	Relief Valve (30#, 45#, 60#, or 125# Std.)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS							
	BOILER TUBE ASSEMBLY								
2	Outside Tube	9	300016	9	300016	15	300016	15	300016
3	Inside Tube	9	300017	9	300017	14	300017	14	300017
	Tube Stud (3/8"-16x2-3/8"	18	25187	18	25187	28	25187	28	25187
	Tube Clamp	18	23621	18	23621	28	23621	28	23621
	Nut (3/8")	18	25114	18	25114	28	25114	28	25114
36	BASE SKID ASSEMBLY	1	400028	1	400028	1	400027	1	400027
	TUBE ACCESS PANEL ASSEMBLY	1	400032	1	400032	1	400033	1	400033
4	Tube Access Panel	1	300098	1	300098	1	300099	1	300099
5	Tube Access Panel Inside Insulation	1	300196	1	300196	1	300030	1	300030
6	Tube Access Panel Outside Insulation	1	300198	1	300198	1	300119	1	300119
7	Tube Access Panel Center Insulation	1	300197	1	300197	1	300031	1	300031
	COMBUSTION CHAMBER PAN ASSEMBLY	1	400012	1	400012	1	400007	1	400007
8	Combustion Chamber Base Pan	1	300062	1	300062	1	300034	1	300034
9	Combustion Chamber Base Side	2	300021	2	300021	2	300021	1	300021
10	Combustion Chamber Layer Two	1	300063	1	300063	1	300035	1	300035
11	Combustion Chamber Layer One	1	300064	1	300064	1	300026	1	300026

EFF.DATE: 1/1/02

REPL.: 7/1/98

**DR - SERIES
FORCED DRAFT - WATER
PARTS LIST**

FORM DR-W

PAGE: DR - 9

ITEM	DESCRIPTION	DR 350		DR 450		DR 650		DR 850	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	FLUE COLLECTOR ASSEMBLY	1	400026	1	400026	1	400025	1	400025
12	Front Flue Collector (order with 300210)	1	300096	1	300096	1	300096	1	300096
13	Rear Flue Collector	1	300102	1	300102	1	300102	1	300102
14	Side Flue Collector	1	300104	1	300104	1	300103	1	300103
15	Top Flue Collector	1	300101	1	300101	1	300100	1	300100
16	Flue Collector Gasket (feet)	13	24621	13	24621	13	24621	13	24621
17	Flue Collector Gasket (feet)	5	24621	5	24621	7	24621	7	24621
18	Flue Collector Inside Insulation	1	300065	1	300065	1	300033	1	300033
19	Flue Collector Outside Insulation	1	300066	1	300066	1	300025	1	300025
20	Flue Collector Center Front Insulation (w/burner opening)	2	300036	2	300036	2	300036	2	300036
21	Flue Collector Center Rear Insulation	2	300037	2	300037	2	300037	2	300037
22	Upper Horizontal Baffle	1	300114	1	300114	1	300043	1	300043
23	Lower Horizontal Baffle	1	300113	1	300113	1	300044	1	300044
24	Lower Vertical Baffle	1	300046	1	300046	1	300046	1	300046
25	Upper Vertical Baffle	1	300045	1	300045	1	300045	1	300045
	JACKET ASSEMBLY	1	400029	1	400029	1	400030	1	400030
26	Jacket Front	1	400042	1	400042	1	400042	1	400042
27	Jacket Rear	1	400043	1	400043	1	400043	1	400043
28	Jacket Side	1	400044	1	400044	1	400045	1	400045
29	Jacket Tube Access Door	1	400038	1	400038	1	400041	1	400041
30	Pull Handle (part of 90)	2	29135	2	29135	2	29135	2	29135
31	Jacket Door Bar	1	300112	1	300112	1	300111	1	300111
32	Jacket Top	1	300028	1	300028	1	300029	1	300029
34	Jacket Insulation	1	300212	1	300212	1	300213	1	300213
35	Jacket Tube Access Door Insulation	1	300215	1	300215	1	300216	1	300216
33	Stack Thimble	1	28675	1	28675	1	28677	1	28677

EFF.DATE: 1/1/02

REPL.: NEW

**DR - SERIES
FORCED DRAFT - WATER
PARTS LIST**

FORM DR-W

PAGE: DR - 10

ITEM	DESCRIPTION	DR 350		DR 450		DR 650		DR 850	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	BURNER ASSEMBLY								
	Forced Draft Burner	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS							
	Burner Rope Gasket (Ft.)	6	24622	6	24622	6	24622	6	24622
	Burner Plug	REFER TO EQUIPMENT LIST							
	Burner Plug Weld Studs (3/8"-16x1-3/4")	8	25816	8	25816	8	25816	8	25816
	Burner Plug Retaining Clip Nut	8	25114	8	25114	8	25114	8	25114
	Washers (1/2")	8	25153	8	25153	8	25153	8	25153
	Nuts (1/2")	8	25115	8	25115	8	25115	8	25115
	CONTROLS								
	Control Box	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS							
	Probe Type LWCO								
	High Limit Control (L4008A)								
	Operator Limit (L4008A-1015)								
	Pressure / Temperature Gauge								
	TOOLS								
	Tube Driver *	1	28901	1	28901	1	28901	1	28901
	Tube Puller *	1	28905	1	28905	1	28905	1	28905
	Tube Brush *	1	28917	1	28917	1	28917	1	28917

* Optional Item. Available Upon Request

EFF. DATE 1/1/02

REPL. NEW

ILLUSTRATED PARTS LIST

FORM DR-S-FD

Page: DR-1

FOR DR – SERIES, FORCED DRAFT, STEAM BOILERS MODELS DR250 THRU DR850

ORDERING INSTRUCTIONS

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

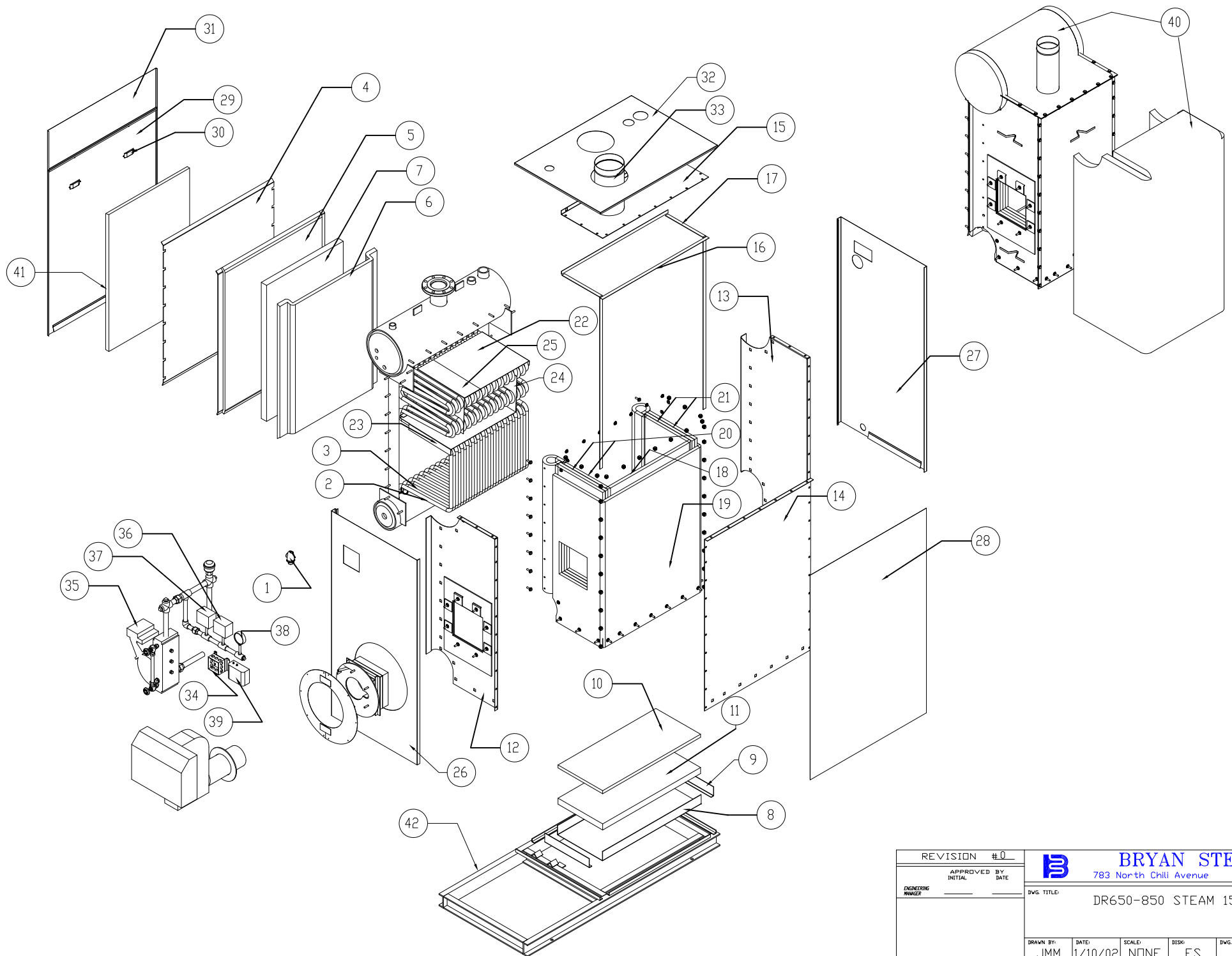
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	300017	Boiler Tubes	DR350	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



REVISION #0		 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970			
APPROVED BY	DATE				
ENGINEERING	MANAGER	DWG. TITLE: DR650-850 STEAM 15#			
DRAWN BY: JMM	DATE: 1/10/02	SCALE: NONE	DISK: FS	DWG. NO: A20916	

EFF.DATE: 1/1/02
REPL.: NEW

**DR - SERIES
FORCED DRAFT - STEAM
PARTS LIST**

FORM DR-S
PAGE: DR - 8

ITEM	DESCRIPTION	DR 250		DR 350		DR 450		DR650		DR850	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	PRESSURE VESSEL ASSEMBLY - 15#, w/tubes	1	400022	1	400022	1	400022	1	400021	1	400021
	PRESSURE VESSEL ASSEMBLY - 150#, w/tubes	1	400019	1	400019	1	400019	1	400017	1	400017
1	Relief Valve (15# or 150# Std.)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
	BOILER TUBE ASSEMBLY										
2	Outside Tube	9	300016	9	300016	9	300016	15	300016	15	300016
3	Inside Tube	9	300017	9	300017	9	300017	14	300017	14	300017
	Tube Stud (3/8"-16x2-3/8"	18	25187	18	25187	18	25187	28	25187	28	25187
	Tube Clamp	18	23621	18	23621	18	23621	28	23621	28	23621
	Nut (3/8")	18	25114	18	25114	18	25114	28	25114	28	25114
42	BASE SKID ASSEMBLY (48-54)	1	400014	1	400014	1	400014	1	400000	1	400000
	TUBE ACCESS PANEL ASSEMBLY	1	400011	1	400011	1	400011	1	78153	1	78154
4	Tube Access Panel	1	300080	1	300080	1	300080	1	300003	1	300003
5	Tube Access Panel Inside Insulation	1	300059	1	300059	1	300059	1	300018	1	300018
6	Tube Access Panel Outside Insulation	1	300060	1	300060	1	300060	1	300019	1	300019
7	Tube Access Panel Center Insulation	1	300061	1	300061	1	300061	1	300020	1	300020
	COMBUSTION CHAMBER PAN ASSEMBLY	1	400012	1	400012	1	400012	1	400007	1	400007
8	Combustion Chamber Base Pan	1	300062	1	300062	1	300062	1	300034	1	300034
9	Combustion Chamber Base Side	2	300021	2	300021	2	300021	2	300021	1	300021
10	Combustion Chamber Layer Two	1	300063	1	300063	1	300063	1	300035	1	300035
11	Combustion Chamber Layer One	1	300064	1	300064	1	300064	1	300026	1	300026

EFF.DATE: 1/1/02

REPL.: 7/1/98

DR - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM DR-S

PAGE: DR - 9

ITEM	DESCRIPTION	DR 250		DR 350		DR 450		DR 650		DR 850	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	FLUE COLLECTOR ASSEMBLY	1	400010	1	400010	1	400010	1	400002	1	400002
12	Front Flue Collector (order with 300210)	1	300004	1	300004	1	300004	1	300004	1	300004
13	Rear Flue Collector	1	300022	1	300022	1	300022	1	300022	1	300022
14	Side Flue Collector	1	300078	1	300078	1	300078	1	300023	1	300023
15	Top Flue Collector	1	300079	1	300079	1	300079	1	300024	1	300024
16	Flue Collector Gasket (feet)	12	24621	12	24621	12	24621	12	24621	12	24621
17	Flue Collector Gasket (feet)	5	24621	5	24621	5	24621	7	24621	7	24621
18	Flue Collector Inside Insulation	1	300065	1	300065	1	300065	1	300033	1	300033
19	Flue Collector Outside Insulation	1	300066	1	300066	1	300066	1	300025	1	300025
20	Flue Collector Center Front Insulation (w/burner opening)	2	300036	2	300036	2	300036	2	300036	2	300036
21	Flue Collector Center Rear Insulation	2	300037	2	300037	2	300037	2	300037	2	300037
22	Upper Horizontal Baffle	1	300114	1	300114	1	300114	1	300043	1	300043
23	Lower Horizontal Baffle	1	300113	1	300113	1	300113	1	300044	1	300044
24	Lower Vertical Baffle	1	300046	1	300036	1	300036	1	300046	1	300046
25	Upper Vertical Baffle	1	300045	1	300045	1	300045	1	300045	1	300045
	JACKET ASSEMBLY	1	400020	1	400020	1	400020	1	400018	1	400018
26	Jacket Front	1	400035	1	400035	1	400035	1	400035	1	400035
27	Jacket Rear	1	400036	1	400036	1	400036	1	400036	1	400036
28	Jacket Side	1	400037	1	400037	1	400037	1	400040	1	400040
29	Jacket Tube Access Door	1	400038	1	400038	1	400038	1	400038	1	400038
30	Pull Handle (part of 90)	2	29135	2	29135	2	29135	2	29135	2	29135
31	Jacket Door Bar	1	300087	1	300087	1	300087	1	300086	1	300086
32	Jacket Top	1	300076	1	300076	1	300076	1	300054	1	300054
40	Jacket Insulation	1	300212	1	300212	1	300212	1	300213	1	300213
41	Jacket Tube Access Door Insulation	1	300215	1	300215	1	300215	1	300216	1	300216
33	Stack Thimble	1	28686	1	28686	1	28686	1	28688	1	28688

EFF.DATE: 1/1/02

REPL.: NEW

DR - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM DR-S

PAGE: DR - 10

ITEM	DESCRIPTION	DR 250		DR 350		DR 450		DR 650		DR 850	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	BURNER ASSEMBLY										
	Forced Draft Burner	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
	Burner Rope Gasket (Ft.)	6	24622	6	24622	6	24622	6	24622	6	24622
	Burner Plug	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
	Burner Plug Weld Studs (3/8"-16x1-3/4")	8	25816	8	25816	8	25816	8	25816	8	25816
	Burner Plug Retaining Clip Nut	8	25114	8	25114	8	25114	8	25114	8	25114
	Washers (1/2")	8	25153	8	25153	8	25153	8	25153	8	25153
	Nuts (1/2")	8	25115	8	25115	8	25115	8	25115	8	25115
	CONTROLS										
34	Control Box	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS									
35	Float LWCO/Pump Control (157SRB Std.)										
	Gauge Glass (20-251-10)										
	Gauge Glass Valves										
	Trycocks * (26-315-01)										
36	Pressure Control (L404 Std.)										
37	Pressuretrol - High Limit (L404 Std.)										
38	Pressure Gauge (30#, 80#, 100#, 200#, 300# Std.)										
39	Auxiliary Probe LWCO (750 Std.)										
	TOOLS										
	Tube Driver *	1	28901	1	28901	1	28901	1	28901	1	28901
	Tube Puller *	1	28905	1	28905	1	28905	1	28905	1	28905
	Tube Brush **	1	28917	1	28917	1	28917	1	28917	1	28917

* Optional Items on 15 PSIG Steam, Standard on 150 PSIG Steam

** Optional Item. Available Upon Request

EFF. DATE 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 1338-F-G-W

PAGE: F - 1

FOR F-SERIES ATMOSPHERIC GAS, WATER BOILERS F150 THRU F850

ORDERING INSTRUCTIONS

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

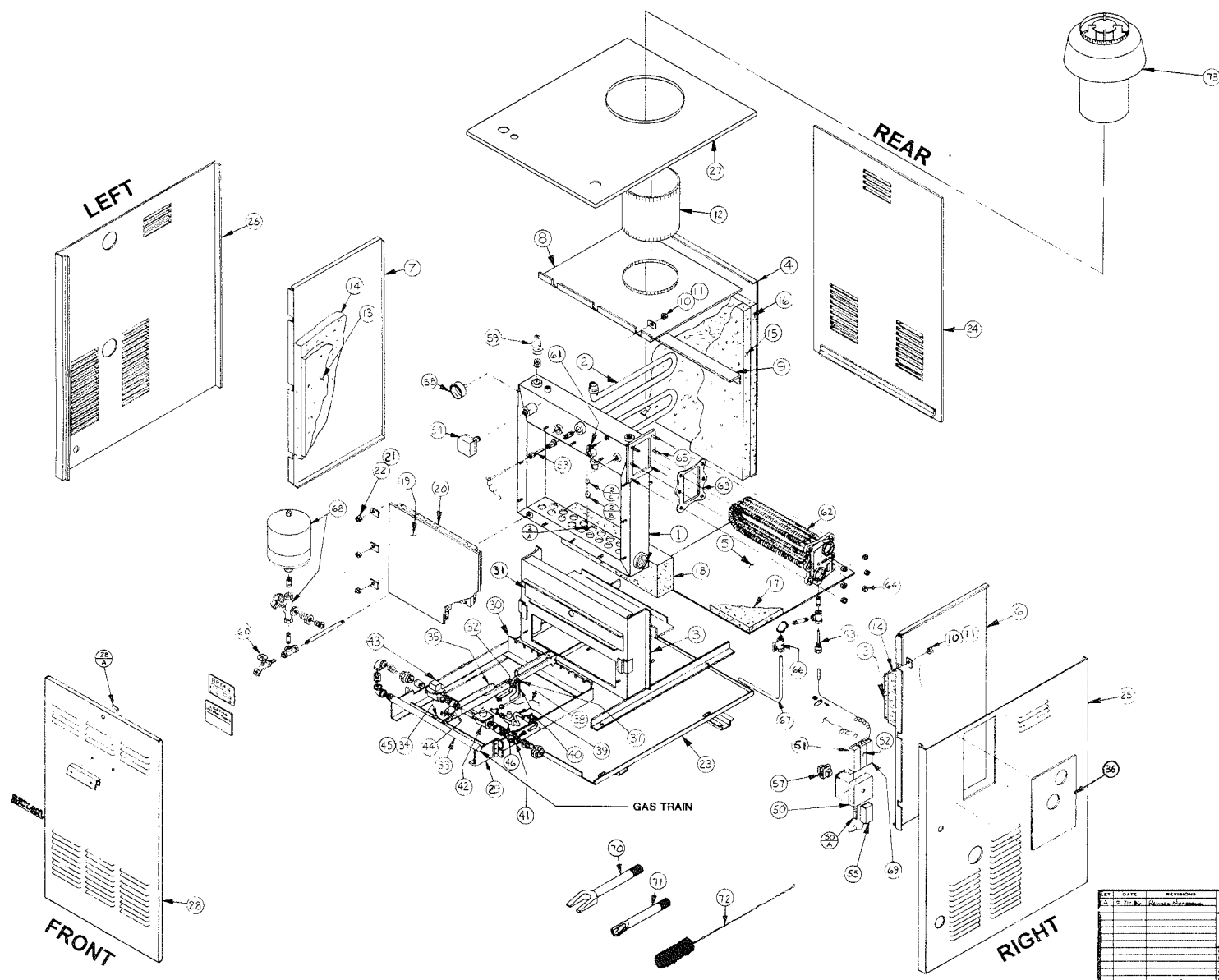
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3002	Boiler Tubes (Short)	F350	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



EFFECTIVE
DATE
2-21-86

REV	DATE	REVISION	BRYAN STEAM CORP.	
1	2-21-86	PERU INC	PARTS LIST FOR	
			F-SERIES, GAS FIRED	
			WATER BOILERS	
			MATERIAL	CONTINUED
			DRAWN BY R.A.S.	APPROVED
			THICKNESS	
			SCALE 1/2" = 1'-0"	
			DATE 2-21-86	D-11003

EFF. DATE: 12/1/02

REPL.: 3/1/97

F - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM 1338

PAGE: F - 3

ITEM	DESCRIPTION	F150-W		F250-W		F350-W		F450-W		F650-W		F850-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
1	BOILER FRAME ASSEMBLY (Tubes Installed)	1	4001	1	4002	1	4003	1	4004	1	4005	1	4006
	BOILER TUBE												
2	Boiler Tube - Long - (Outside Row)	3	3001	5	3001	7	3001	9	3001	13	3001	17	3001
	Boiler Tube - Short - (Inside Row)	3	3002	5	3002	7	3002	9	3002	13	3002	17	3002
2A	Boiler Tube Stud	6	25186	10	25186	14	25186	18	25186	26	25186	34	25186
2B	Boiler Tube Clamp	6	23622	10	23622	14	23622	18	23622	26	23622	34	23622
2C	Boiler Tube Nut - 3/8"	6	25114	10	25114	14	25114	18	25114	26	25114	34	25114
3	BOILER BASE ASSEMBLY (Welded Ass'y)	1	4021	1	4022	1	4023	1	4024	1	4025	1	4026
	FLUE COLLECTOR ASSEMBLY (Items 4-11)	1	4027	1	4028	1	4029	1	4030	1	4031	1	4032
4	Flue Collector - Rear	1	3005	1	3006	1	3007	1	3008	1	3009	1	3010
5	Flue Collector - Bottom	1	3011	1	3012	1	3013	1	3014	1	3015	1	3016
6	Flue Collector - Right End - 19-3/8" x 36-7/8"	1	3021	1	3021	1	3021	1	3021	1	3021	1	3021
7	Flue Collector - Left End - 19-3/8" x 36-7/8"	1	3022	1	3022	1	3022	1	3022	1	3022	1	3022
8	Flue Collector - Top	1	3023	1	3024	1	3025	1	3026	1	3027	1	3028
9	Flue Collector Tube Baffle	1	3029	1	3030	1	3031	1	3032	1	3033	1	3034
10	Flue Collector Nut - 3/8"	8	25113	8	25113	8	25113	8	25113	9	25113	9	25113
11	Flue Collector Washer - 3/8" I.D.	8	2127	8	2127	8	2127	8	2127	9	2127	9	2127
12	Flue Extension	1	28676	1	28667	1	28678	1	28679	1	28680	1	28681
	FLUE COLLECTOR INSULATION ASSEMBLY (Items 13-18)	1	4053	1	4054	1	4055	1	4056	1	4057	1	4058
13	Flue Collector End Insulation - Inner - 19-3/8" x 36-7/8"	2	3118	2	3118	2	3118	2	3118	2	3118	2	3118
14	Flue Collector End Insulation - Outer - 19-3/8" x 36-7/8"	2	3107	2	3107	2	3107	2	3107	2	3107	2	3107
15	Flue Collector Rear Insulation - Inner	1	3112	1	3113	1	3114	1	3115	1	3116	1	3117
16	Flue Collector Rear Insulation - Outer	1	3017	1	3018	1	3019	1	3020	1	3108	1	3109
17	Flue Collector Floor Insulation	1	3119	1	3120	1	3121	1	3122	1	3123	1	3124
18	Flue Collector Front Insulation	2	3125	2	3126	2	3127	2	3128	2	3129	2	3130

REPL.: 3/1/97

ATMOSPHERIC GAS - WATER

PAGE: F - 4

ITEM	DESCRIPTION	F150-W		F250-W		F350-W		F450-W		F650-W		F850-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
	TUBE PANEL ASSEMBLY (Items 19-22)	1	4065	1	4045	1	4046	1	4047	1	4048	1	4066
19	Tube Panel	1	3067	1	3068	1	3069	1	3070	1	3071	1	3072
20	Tube Panel Insulation	1	3073	1	3074	1	3075	1	3076	1	3077	1	3078
21	Tube Panel Nut - 3/8"	8	25114	9	25114	8	25114	8	25114	12	25114	14	25114
22	Tube Panel Washer - 3/8" I.D.	8	2127	9	2127	8	2127	8	2127	12	2127	14	2127
	JACKET ASSEMBLY (Items 24-28)	1	4067	1	4049	1	4050	1	4051	1	4052	1	4068
23	Jacket Floor Pan	1	3079	1	3080	1	3081	1	3082	1	3083	1	3084
24	Jacket Rear	1	3085	1	3086	1	3087	1	3088	1	3089	1	3090
25	Jacket - Right Side - 34-7/8" x 42-7/16"	1	3091	1	3091	1	3091	1	3091	1	3091	1	3091
26	Jacket - Left Side - 34-7/8" x 42-7/16"	1	3092	1	3092	1	3092	1	3092	1	3092	1	3092
27	Jacket Top	1	3093	1	3094	1	3095	1	3096	1	3097	1	3098
28	Jacket Access Door	1	3099	1	3100	1	3101	1	3102	1	3103	1	3104
28A	Jacket Access Door Latch	1	29142	1	29142	1	29142	1	29142	1	29142	1	29142
36	Patch Panel	1	3091.5	1	3091.5	1	3091.5	1	3091.5	1	3091.5	1	3091.5
	GAS BURNER ASSEMBLY												
	BURNER TRAY ASSEMBLY (Items 29-30)	1	31425	1	314252	1	314254	1	314256	1	314258	1	314259
29	Burner Tray - Side Rails	2	3143	2	3143	2	3143	2	3143	2	3143	2	3143
30	Burner Tray - Rear Support Angle	1	3151	1	3152	1	3153	1	3154	1	3155	1	3156
31	Secondary Air Baffle	1	3144	1	3145	1	3157	1	3158	1	3159	1	3160
32	Pilot Bracket	REFER TO EQUIPMENT LIST											
33	Gas Burner Manifold	1	23651	1	23652	1	23653	1	23654	1	23655	1	23656
34	Gas Burner Orifices (Nat. Gas) #33 Drill	4	27481	6	27481	9	27481	11	27481	16	27481	20	27481
35	Gas Burner	4	27443	6	27443	9	27443	11	27443	16	27443	20	27443
37	Pilot (Q179)	REFER TO EQUIPMENT LIST											
38	Thermocouple (30")	FOR SPECIFIC PARTS											
39	Pilot Tubing - 1/4" O.D.	2	10615	2	10615	2	10615	2	10615	2	10615	2	10615
40	Pilot Gas Cock (1/4")	REFER TO EQUIPMENT LIST											
41	Main Gas Cock (Manual)	FOR SPECIFIC PARTS											
42	Gas Pressure Regulator (RVXX)												
43	Gas Valves (V48)												

REPL.: 3/1/97

ATMOSPHERIC GAS - WATER PARTS LIST

PAGE: F - 5

ITEM	DESCRIPTION	F150-W		F250-W		F350-W		F450-W		F650-W		F850-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
	GAS BURNER ASSEMBLY (cont)												
44	Air Adjusting Band for Burner	4	27423	6	27423	9	27423	11	27423	16	27423	20	27423
45	Gas Burner Orifices (Propane) #50 Drill	4	27483	6	27483	9	27483	11	27483	16	27483	20	27483
46	Pilot Regulator (1/4" OR 3/8")	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
	CONTROL EQUIPMENT												
50	Electrical Conduit Box (4x4)												
50A	Electrical Conduit												
51	Aquastat - Operator (L4008A)	3	25602	3	25602	3	25602	3	25602	3	25602	3	25602
52	Aquastat - High Limit (L4008A)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
53	Aquastat Well												
54	Low Water Cut-Off (PS-851)												
55	Combustion Safety Control (RM78**)												
57	Transformer (612)												
	WATER TRIM												
58	Comb Temp & Pressure Gauge (30 ⁰ -240 ⁰ F / 30#-60#)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
59	Pressure Relief Valve (30-60)												
60	Boiler Drain Valve	1	28976	1	28976	1	28976	1	28976	1	28976	1	28976
61	Boiler Vent Valve	1	28961	1	28961	1	28961	1	28961	1	28961	1	28961
		REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
	INDIRECT WATER HEATER												
62	Indirect Heat Exchanger	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
	Heat Exchanger Relief Valve												
63	Heat Exchanger Gasket	1	29185	1	29185	1	29185	1	29185	1	29185	1	29185
64	Heat Exchanger Nut	6	25116	6	25116	6	25116	6	25116	6	25116	6	25116
65	Heat Exchanger Stud	6	25189	6	25189	6	25189	6	25189	6	25189	6	25189
66	Heat Exchanger Drain Valve	1	27630	1	27630	1	27630	1	27630	1	27630	1	27630
67	Copper Fill Line	1	10617	1	10617	1	10617	1	10617	1	10617	1	10617
68	Expansion Tank and Valve	1	28959	1	28958	1	28958	1	28958	1	28958	1	28958
69	Pool Temperature Control (L4031)	REFER TO EQUIPMENT LIST											

EFF.DATE: 1/1/02

REPL.: 3/1/97

**F - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST**

FORM 1338

PAGE: F - 6

ITEM	DESCRIPTION	F150-W		F250-W		F350-W		F450-W		F650-W		F850-W	
		REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART	REQ	PART
			NO.		NO.		NO.		NO.		NO.		NO.
	SERVICE TOOLS												
70	Tube Puller *	1	28905	1	28905	1	28905	1	28905	1	28905	1	28905
71	Tube Driver *	1	28901	1	28901	1	28901	1	28901	1	28901	1	28901
72	Tube Brush *	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917
	DRAFT DIVERTER												
73	Draft Diverter	1	28650	1	28651	1	28652	1	28653	1	28655	1	28657

* Not Standard. Available upon request.

EFF. DATE 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 1343-F-G-S

PAGE: F - 7

FOR F-SERIES ATMOSPHERIC GAS, STEAM BOILERS F250 THRU F850

ORDERING INSTRUCTIONS

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

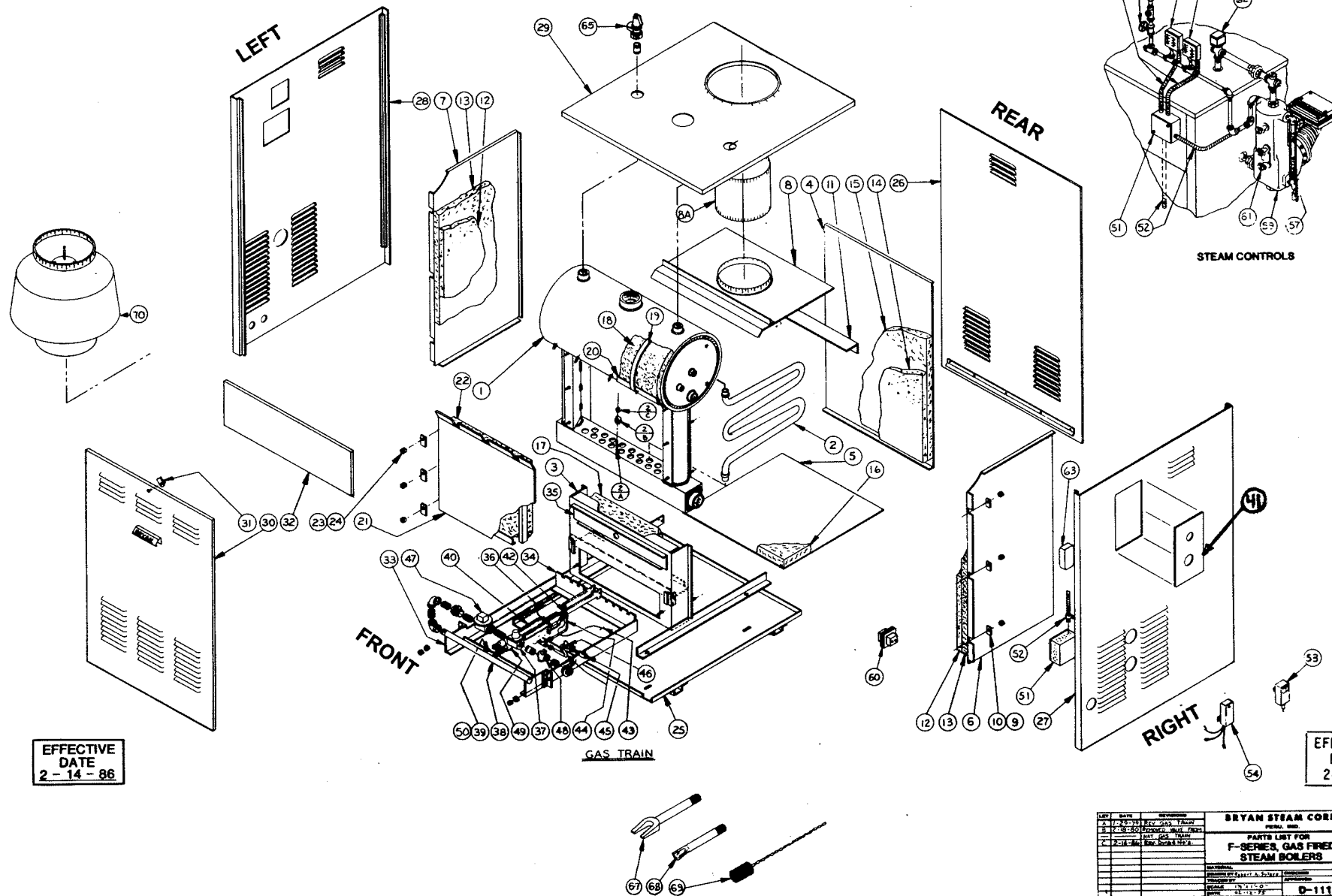
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

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	3001	Boiler Tubes (Long)	F250	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



REPL: 3/1/97

ATMOSPHERIC GAS - STEAM

PAGE: F - 9

[illegible]

EFF. DATE: 1/1/02

REPL: 3/1/97

**F-SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST**

FORM 1343

PAGE: F - 10

ITEM	DESCRIPTION	F250-S		F450-S		F650-S		F850-S	
		NO. REQ	PART NO.	NO. REQ	PART NO.	NO. REQ	PART NO.	NO. REQ	PART NO.
	TUBE PANEL ASSEMBLY (Items 21 - 24)	1	4089	1	4090	1	4091	1	4092
21	Tube Panel	1	3171	1	3172	1	3173	1	3174
22	Tube Panel Insulation	1	3175	1	3176	1	3177	1	3178
23	Tube Panel Nut - 3/8"	9	25114	10	25114	12	25114	14	25114
24	Tube Panel Washer - 3/8" I.D	9	2127	10	2127	12	2127	14	2127
	JACKET ASSEMBLY (Items 26-32)	1	4093	1	4094	1	4095	1	4096
25	Jacket Floor Pan	1	3179	1	3180	1	3181	1	3182
26	Jacket Rear	1	3183	1	3184	1	3185	1	3186
27	Jacket Right Side (34-7/8" x 51-3/16")	1	3187	1	3187	1	3187	1	3187
28	Jacket Left Side (34-7/8" x 51-3/16")	1	3188	1	3188	1	3188	1	3188
29	Jacket Top	1	3189	1	3190	1	3191	1	3192
30	Jacket Access	1	3193	1	3194	1	3195	1	3196
31	Access Door Latch	1	29142	1	29142	2	29142	2	29142
32	Jacket Access Door Top	1	3197	1	3198	1	3199	1	3200
41	Patch Panel	1	3187.5	1	3187.5	1	3187.5	1	3817.5
	GAS BURNER ASSEMBLY								
	BURNER TRAY ASSEMBLY (Items 33 & 34)	1	314252	1	314256	1	314258	1	314259
33	Burner Tray, Side Rails	2	3142	2	3143	2	3143	2	3143
34	Burner Tray, Rear Support Angle	1	3152	1	3154	1	3155	1	3156
35	Secondary Air Baffle	1	3145	1	3158	1	3159	1	3160
36	Pilot Bracket								
37	Gas Pressure Regulator (Nat) RVXX								
38	Gas Burner Manifold	1	23652	1	23654	1	23655	1	23656
39	Gas Burner Orifices (Natural Gas) #33 Drill	6	27481	11	27481	16	27481	20	27481
40	Gas Burner	6	27443	11	27443	16	27443	20	27443
42	Pilot (Q179)								
43	Thermocouple (30")								
44	Pilot Tubing - 1/4" O.D.	2	10615	2	10615	2	10615	2	10615

EFF. DATE: 1/1/02
REPL: 3/1/97

**F-SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST**

FORM 1343
PAGE: F - 11

ITEM	DESCRIPTION	F250-S		F450-S		F650-S		F850-S	
		NO. REQ	PART NO.	NO. REQ	PART NO.	NO. REQ	PART NO.	NO. REQ	PART NO.
45	Pilot Gas Cock (1/4")	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS							
46	Pilot Regulator (1/4" - 3/8")								
47	Gas Valves (V48)								
48	Main Gas Cock (Manual)								
49	Air Adjusting Band for Burner	6	27423	11	27423	20	27423	20	27423
50	Gas Burner Orifices (L.P. Gas) #50 Drill	6	27483	11	27483	16	28483	16	27483
	CONTROL EQUIPMENT								
51	Electrical Conduit Box (4x4)	REFER TO EQUIPMENT LIST							
52	Electrical Conduit	3	25602	3	25602	3	25602	3	25602
53	Combustion Safety Relay (RM78XX)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS							
55	Pressuretrol - Operator (L404)								
56	Pressuretrol - High Limit (L404)								
57	Gauge Glass Set (20-251-10)								
59	Low Water Cut Off (157)								
60	Transformer (612XX)								
61	Try Cocks - 1/2"								
62	Auxiliary Low Water Cut Off Probe (RS-1-BR (1"))								
63	Auxiliary Low Water Cut Off Relay (750)								
	STEAM TRIM								
64	Pressure Gauge (30# to 300# - 3 1/2")	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS							
65	Pressure Relief Valve (15# to 150#)								
66	Pressure Gauge Shut Off Cock	1	28969	1	28969	1	28969	1	28969
	SERVICE TOOLS								
67	Tube Puller*	1	28905	1	28905	1	28905	1	28905
68	Tube Driver*	1	28901	1	28901	1	28901	1	28901
69	Tube Brush**	1	28917	1	28917	1	28917	1	28917
	DRAFT DIVERTER								
70	Draft Diverter	1	28651	1	28653	1	28655	1	28657

* Furnished as standard on High Pressure Steam Boilers Only

** Not Standard. Available Upon Request.

EFF. DATE 6/01/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1760-K-G-W

Page: K-1

FOR K-SERIES, ATMOSPHERIC GAS, WATER BOILERS K250 THRU K650

ORDERING INSTRUCTIONS

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

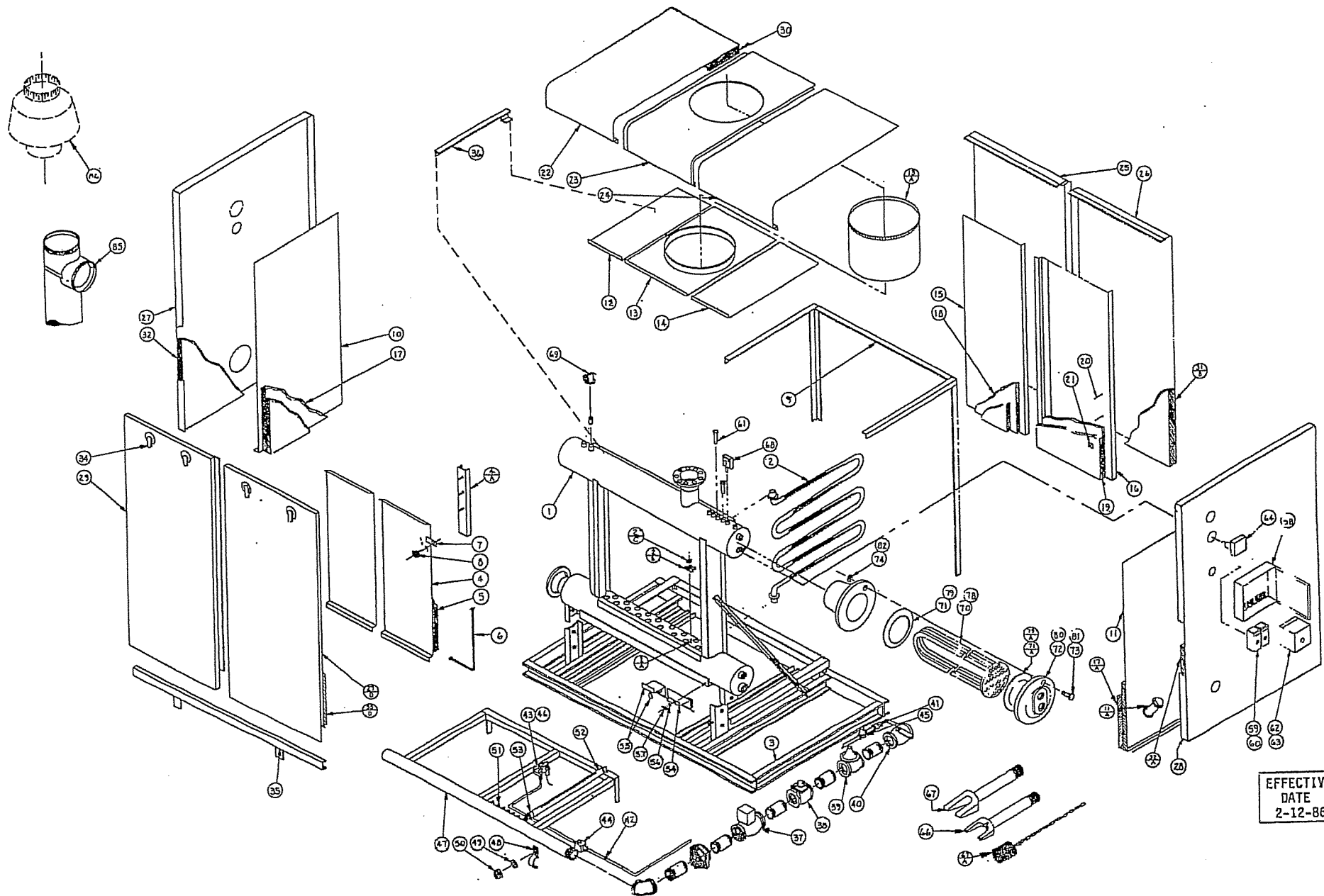
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	32124	Boiler Tubes	K250	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



EFFECTIVE
DATE
2-12-86

REVISION		BRYAN STEAM	
APPROVED BY	DATE	783 North Chai Avenue	Peru, IN 46970
DESIGNED BY	DATE	PARTS LIST FOR K-SERIES	
REVIEWED BY	DATE	ATMOSPHERIC GAS	
		WATER BOILERS	
QUANTITY	PRICE	DATE	REV. NO.
		NONE	FS D-11670

EFF. DATE: 1/1/02

REPL: 7/1/98

K - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM: 1760

PAGE: K - 3

ITEM	DESCRIPTION	K250-W		K300-W		K350-W		K400-W		K450-W		K500-W		K550-W		K600-W		K650-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	Boiler Frame Assy. (tubes installed)	1	42015	1	42016	1	42017	1	42018	1	42019	1	42020	1	42021	1	42022	1	42023
	BOILER TUBE ASSEMBLY																		
2	Boiler Tube (outside)	19	32124	23	32124	27	32124	30	32124	34	32124	38	32124	42	32124	45	32124	49	32124
	Boiler Tube (inside)	18	32125	22	32125	26	32125	29	32125	33	32125	37	32125	41	32125	44	32125	48	32125
2A	Tube Stud	36	25187	44	25187	52	25187	58	25187	66	25187	74	25187	82	25187	88	25187	96	25187
2B	Tube Clamp	36	23623	44	23623	52	23623	58	23623	66	23623	74	23623	82	23623	88	23623	96	23623
2C	Tube Clamp Nut	36	25114	44	25114	52	25114	58	25114	66	25114	74	25114	82	25114	88	25114	96	25114
3	BOILER BASE ASSEMBLY	1	42199	1	42200	1	42201	1	42202	1	42203	1	42204	1	42205	1	42206	1	42207
	TUBE PANEL ASSEMBLY (Items 4-8)	1	42119	1	42120	1	42121	1	42122	1	42123	1	42124	1	42125	1	42126	1	42127
4	Tube Panel(s)	1	32741	1	32742	2	32743	2	32744	2	32745	2	32746	2	32747	2	32748	2	32749
4A	Tube Panel Connector	--	--	--	--	1	11051	1	11051	1	11051	1	11051	1	11051	1	11051	1	11051
5	Tube Panel Insulation Assembly	1	32198	1	32199	2	32200	2	32201	2	32202	2	32203	2	32204	2	32205	2	32206
6	Tube Panel Gasket (Feet)	21	24622	23	24622	29	24622	31	24622	33	24622	35	24622	37	24622	39	24622	41	24622
7	Tube Panel Stud Washer	30	2127	32	2127	42	2127	44	2127	48	2127	52	2127	56	2127	58	2127	62	2127
8	Tube Panel Stud Nut	30	25114	32	25114	42	25114	44	25114	48	25114	52	25114	56	25114	58	25114	62	25114
9	FLUE COLLECTOR FRAME ASSY.	CONSULT FACTORY																	
	FLUE COLLECTOR ASSY. (10-11, 12-13, 14-16A)	1	42079	1	42080	1	42081	1	42082	1	42083	1	42084	1	42085	1	42086	1	42087
10	Flue Collector - Left End (31" x 59 1/8")	1	32162	1	32162	1	32162	1	32162	1	32162	1	32162	1	32162	1	32162	1	32162
11	Flue Collector - Right End (31" x 59 1/8")	1	32163	1	32163	1	32163	1	32163	1	32163	1	32163	1	32163	1	32163	1	32163
11A	Flame Observation Port Assy.	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061
12	Flue Collector Top - Left End	--	--	--	--	--	--	--	--	1	32336	1	32336	1	32336	1	32336	1	32336
13	Flue Collector Top - Center	1	32329	1	32330	1	32331	1	32332	1	32340	1	32341	1	32342	1	32343	1	32344
13A	Flue Stack Extension	1	32177	1	32178	1	32179	1	32179	1	32180	1	32181	1	32182	1	32182	1	32182
14	Flue Collector Top - Right End	--	--	--	--	--	--	--	--	1	32337	1	32337	1	32337	1	32337	1	32337
15	Flue Collector Rear - 39-7/8" Wide	1	32215	--	--	1	32215	--	--	1	32215	--	--	1	32215	--	--	1	32215
15A	Flue Collector Rear - 49-1/2" Wide	--	--	1	32216	--	--	1	32216	1	32216	2	32216	1	32216	2	32216	2	32216
15B	Flue Collector Rear - 52-1/8" Wide	--	--	--	--	1	32217	1	32217	--	--	--	--	1	32217	1	32217	--	--
16	Flue Collector Rear - 26-3/8" Wide	1	32218	--	--	--	--	--	--	1	32218	--	--	--	--	--	--	1	32218
16A	Flue Collector Rear - 29-1/2" Wide	--	--	1	32219	--	--	--	--	--	--	1	32219	--	--	--	--	--	--

REPL: 7/1/98

ATMOSPHERIC GAS - WATER

PAGE: K - 4

ITEM	DESCRIPTION	K250-W		K300-W		K350-W		K400-W		K450-W		K500-W		K550-W		K600-W		K650-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	FLUE COLLECTOR INSULATION																		
17	Flue Collector Left End Panel-Insul.(48x34)	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208
17A	Flue Collector Right End Panel Insul.(48x34)	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208
18	Flue Collector Rear Panel Insul. 39-7/8" W	1	32210	--	--	1	32210	--	--	1	32210	--	--	1	32210	--	--	1	32210
18A	Flue Collector Rear Panel Insul. 49-1/2" W	--	--	1	32211	--	--	1	32211	1	32211	2	32211	1	32211	2	32211	2	32211
18B	Flue Collector Rear Panel Insul. 52-1/8" W	--	--	--	--	1	32212	1	32212	--	--	--	--	1	32212	1	32212	--	--
19	Flue Collector Rear Panel Insul. 26-3/8" W	1	32213	--	--	--	--	--	--	1	32213	--	--	--	--	--	--	1	32213
19A	Flue Collector Rear Panel Insul. 29-1/2" W	--	--	1	32214	--	--	--	--	--	--	1	32214	--	--	--	--	--	--
	JACKET ASSEMBLY COMPLETE (22-29)	1	42146	1	42147	1	42148	1	42149	1	42150	1	42151	1	42152	1	42153	1	42154
22	Jacket Top Panel - Left End	--	--	--	--	1	32263	1	32263	1	32263	1	32263	1	32263	1	32263	1	32264
23	Jacket Top Panel - Center	1	32251	1	32252	1	32255	1	32256	1	32257	1	32258	1	32259	1	32260	1	32261
24	Jacket Top Panel - Right End	--	--	--	--	1	32265	1	32265	1	32265	1	32265	1	32265	1	32265	1	32265
25	Jacket Rear Panel - 32-3/16" W	1	32282	1	32282	--	--	1	32282	1	32282	--	--	--	--	--	--	--	--
25A	Jacket Rear Panel - 35-3/8" W	--	--	--	--	--	--	1	32283	1	32283	1	32283	1	32283	--	--	--	--
26	Jacket Rear Panel - 45-1/6" W	1	32284	--	--	1	32284	1	32284	--	--	1	32284	--	--	1	32284	--	--
26A	Jacket Rear Panel - 57-5/16" W	--	--	1	32285	1	32285	--	--	1	32285	1	32285	2	32285	2	32285	3	32285
27	Jacket Left End Panel - 47-1/4" x 64-1/2"	1	32223	1	32223	1	32223	1	32223	1	32223	1	32223	1	32223	1	32223	1	32223
28	Jacket Right End Panel - 47-1/4" x 64-1/2"	1	32222	1	32222	1	32222	1	32222	1	32222	1	32222	1	32222	1	32222	1	32222
29	Jacket Access Door - 35-1/4" W	--	--	--	--	2	32290	1	32290	1	32290	--	--	3	32290	1	32290	1	32290
29A	Jacket Access Door - 45" W	1	32291	1	32291	--	--	1	32291	1	32291	2	32291	--	--	1	32291	2	32291
29B	Jacket Access Door - 32" W	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	32292	--	--
29C	Jacket Access Door - 43-1/4" W	--	--	1	32293	--	--	--	--	1	32293	--	--	1	32293	--	--	--	--
29D	Jacket Access Door - 30-1/2" W	1	32294	--	--	1	32294	1	32294	--	--	--	--	--	--	--	--	--	--
29E	Jacket Access Door - 46-1/2" W	--	--	--	--	--	--	--	--	--	--	1	32295	--	--	1	32295	1	32295
	JACKET INSULATION																		
30	Jacket Top Insulation - Left End	--	--	--	--	1	32416	1	32416	1	32416	1	32416	1	32416	1	32416	1	32417
30A	Jacket Top Insulation - Center	1	32401	1	32402	1	32405	1	32406	1	32407	1	32408	1	32409	1	32410	1	32411
30B	Jacket Top Insulation - Right End	--	--	--	--	1	32419	1	32419	1	32419	1	32419	1	32419	1	32419	1	32420
31	Jacket Rear Panel Insul. - 32-3/16" W	1	32433	1	32433	--	--	1	32433	1	32433	--	--	--	--	--	--	--	--
31A	Jacket Rear Panel Insul. - 35-3/8" W	--	--	--	--	--	--	1	32434	1	32434	1	32434	1	32434	--	--	--	--
31B	Jacket Rear Panel Insul. - 45-1/16" W	1	32435	--	--	1	32435	1	32435	--	--	1	32435	--	--	1	32435	--	--
31C	Jacket Rear Panel Insul. - 57-15/16" W	--	--	1	32436	1	32436	--	--	1	32436	1	32436	2	32436	2	32436	3	32436
32	Jacket Left End Panel - Insulation	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367
32A	Jacket Right End Panel - Insulation	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367	1	32367

EFF. DATE: 1/1/02

REPL: 79/1/98

K - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM: 1760

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ITEM	DESCRIPTION	K250-W		K300-W		K350-W		K400-W		K450-W		K500-W		K550-W		K600-W		K650-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
33	Jacket Access Door Insulation - 35-1/4" W	--	--	--	--	2	32440	1	32440	1	32440	--	--	3	32440	1	32440	1	32440
33A	Jacket Access Door Insulation - 45" W	1	32441	1	32441	--	--	1	32441	1	32441	2	32441	--	--	1	32441	2	32441
33B	Jacket Access Door Insulation - 32" W	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	32442	--	--
33C	Jacket Access Door Insulation - 43-1/4" W	--	--	1	32443	--	--	--	--	1	32443	--	--	1	32443	--	--	--	--
33D	Jacket Access Door Insulation - 30-1/2" W	1	32444	--	--	1	32444	1	32444	--	--	--	--	--	--	--	--	--	--
33E	Jacket Access Door Insulation - 46-1/2" W	--	--	--	--	--	--	--	--	--	--	1	32445	--	--	1	32445	1	32445
34	Jacket Door Latch Assembly	4	29140	4	29140	6	29140	6	29140	6	29140	6	29140	8	29140	8	29140	8	29140
35	Jacket Door Bar	1	32712	1	32713	1	32714	1	32715	1	32716	1	32717	1	32718	1	32719	1	32720
36	Jacket Top Support Angles	3	38071	3	38071	4	38071	4	38071	4	38071	6	38071	6	38071	6	38071	6	38071
		REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																	
	GAS TRAIN ASSEMBLY																		
37	Main Gas Valve (V4055A)																		
38	Auxiliary Gas Valve (8015)																		
39	Main Gas Pressure Regulator (RV**)																		
40	Main Gas Shutoff Cock (Manual)																		
41	Pilot Gas Shutoff Cock (1/4")																		
42	Pilot Tubing	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615
43	Pilot (Primary) (Q179)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																	
43A	Pilot (Auxiliary) (J843) (H11BA TC30")																		
44	Pilot Safety Ctrl w/Thermocpl (H17BAx30")																		
45	Pilot Gas Pressure Regulator (1/4" or 3/8")																		
46	Pilot Bracket	1	32465	1	32465	1	32465	1	32465	1	32465	1	32465	1	32465	1	32465	1	32465
		REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																	
	GAS BURNER ASSEMBLY																		
		1	42213	1	42214	1	42215	1	42216	1	42217	1	42218	1	42219	1	42220	1	42221
47	Gas Burner Manifold with Support Tray	1	23682	1	23683	1	23684	1	23685	1	23686	1	23687	1	23688	1	23689	1	23690
48	Gas Burner Manifold Mounting Bracket	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152
49	Burner Stud Washer	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151
50	Burner Stud Nut	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114
51	Gas Burner Orifices (Specify Type Gas)	26	27500	31	27500	36	27500	42	27500	47	27500	52	27500	57	27500	62	27500	68	27500
52	Tubular Burners without Shutter	26	27442	31	27442	36	27442	42	27442	47	27442	52	27442	57	27442	62	27442	68	27442
53	Burner Shutter with Screw (LP Only)	26	27450	31	27450	36	27450	42	27450	47	27450	52	27450	57	27450	62	27450	68	27450

EFF. DATE: 1/1/02

REPL: 7/1/8

K - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM: 1760

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ITEM	DESCRIPTION	K250-W		K300-W		K350-W		K400-W		K450-W		K500-W		K550-W		K600-W		K650-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
54	Baffle with Insulation - 15-1/2" W	4	32664	2	32664	--	--	--	--	--	--	--	--	--	--	--	--	2	--
54A	Baffle with Insulation - 18" W	--	--	--	--	2	32665	1	32665	--	--	--	--	--	--	2	32665	--	--
54B	Baffle with Insulation - 21-1/2" W	--	--	--	--	2	32666	2	32666	2	32666	--	--	--	--	2	32666	1	32666
54C	Baffle with Insulation - 26-1/2" W	--	--	--	--	--	--	1	32667	1	32667	1	32667	--	--	--	--	--	--
54D	Baffle with Insulation - 30" W	--	--	--	--	--	--	--	--	1	32668	3	32668	2	32668	1	32668	2	32668
54E	Baffle with Insulation - 34" W	--	--	1	32669	--	--	--	--	--	--	--	--	2	32669	1	32669	2	32669
55	Pilot Baffle with Inspection Port Cover 8" W	1	32672	2	32672	2	32672	2	32672	2	32672	2	32672	2	32672	2	32672	2	32672
56	Baffle Washer	6	25151	7	25151	7	25151	7	25151	7	25151	7	25151	9	25151	10	25151	10	25151
57	Baffle Wing Nut	6	25102	7	25102	7	25102	7	25102	7	25102	7	25102	9	25102	10	25102	10	25102
	FLAME SPREADER																		
20A	#1 K Flame Spreader 24"	--	--	2	23630	1	23630	1	23630	1	23630	--	--	--	--	--	--	--	--
20B	#2 K Flame Spreader 34 3/4"	2	23631	1	23631	2	23631	1	23631	--	--	4	23631	3	23631	1	23631	--	--
20C	#3 K Flame Spreader 39 1/4"	--	--	--	--	--	--	--	--	1	23632	--	--	1	23632	3	23632	4	23632
20D	#4 K Flame Spreader 45 3/4"	--	--	--	--	--	--	1	23633	1	23633	--	--	--	--	--	--	--	--
	CONTROL EQUIPMENT																		
58	Control Panel (12X14)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																	
59	Aquastat - Operator (L4008A)																		
60	Aquastat - Hi-Limit Safety (L4008A)																		
61	Aquastat Well																		
62	Combustion Safety Control (RM78XX)																		
63	Combustion Safety Ctrl Subbase (S7800A)																		
64	Low Water Cut-off (901)																		
65	U.V. Scanner (Optional) (C7072A)																		
	SERVICE TOOLS																		
66	Tube Driver ***	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
67	Tube Puller ***	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
67A	Tube Brush ***	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

*** Not Standard, Available upon Request

EFF. DATE: 1/1/02
REPL: 7/1/98

K - SERIES
ATMOSPHERIC GAS - WATER
LIST

FORM: 1760
PARTS PAGE: K - 7

ITEM	DESCRIPTION	K250-W		K300-W		K350-W		K400-W		K450-W		K500-W		K550-W		K600-W		K650-W	
		QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
	WATER TRIM	REFER TO EQUIPMENT LIST																	
68	Pressure/Temp Gauge (30-240 ⁰ F-60#)																		
69	Relief Valves																		
		REFER TO EQUIPMENT LIST																	
	INDIRECT WATER HEATER																		
70	Heat Exchanger	REFER TO EQUIPMENT LIST								NOT AVAILABLE									
71	Flange Gasket	1	29201	1	29201	1	29201	1	29201										
71A	Head Gasket	1	*	1	*	1	*	1	*										
72	Heat Exchanger Head	1	**	1	**	1	**	1	**										
73	Flange Bolt	12	25033	12	25033	12	25033	12	25033										
74	Flange Nut	12	25119	12	25119	12	25119	12	25119										
75	Heat Exchanger Relief Valves (Not Shown)	REFER TO EQUIPMENT LIST																	
76	Boiler Fill Valves (Not Shown)																		
77	Expansion Tank (Not Shown)																		
		REFER TO EQUIPMENT LIST																	
	DRAFT CONTROL																		
85	Barometric Draft Control (Standard)	1	28625	1	28626	1	28626	1	28626	1	28627	1	28627	1	28627	1	28627	1	28627
86	Draft Diverter (Optional)	1	28663	1	28664	1	28666	1	28666	NOT AVAILABLE									

* If 2-Pass Head - #22956, 4 Pass Head #22957
** If 2-Pass Head - #29177, 4-Pass Head #29178

EFF. DATE 6/01/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1702-K-G-S

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FOR K-SERIES, ATMOSPHERIC GAS, STEAM BOILERS K250 THRU K650

ORDERING INSTRUCTIONS

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

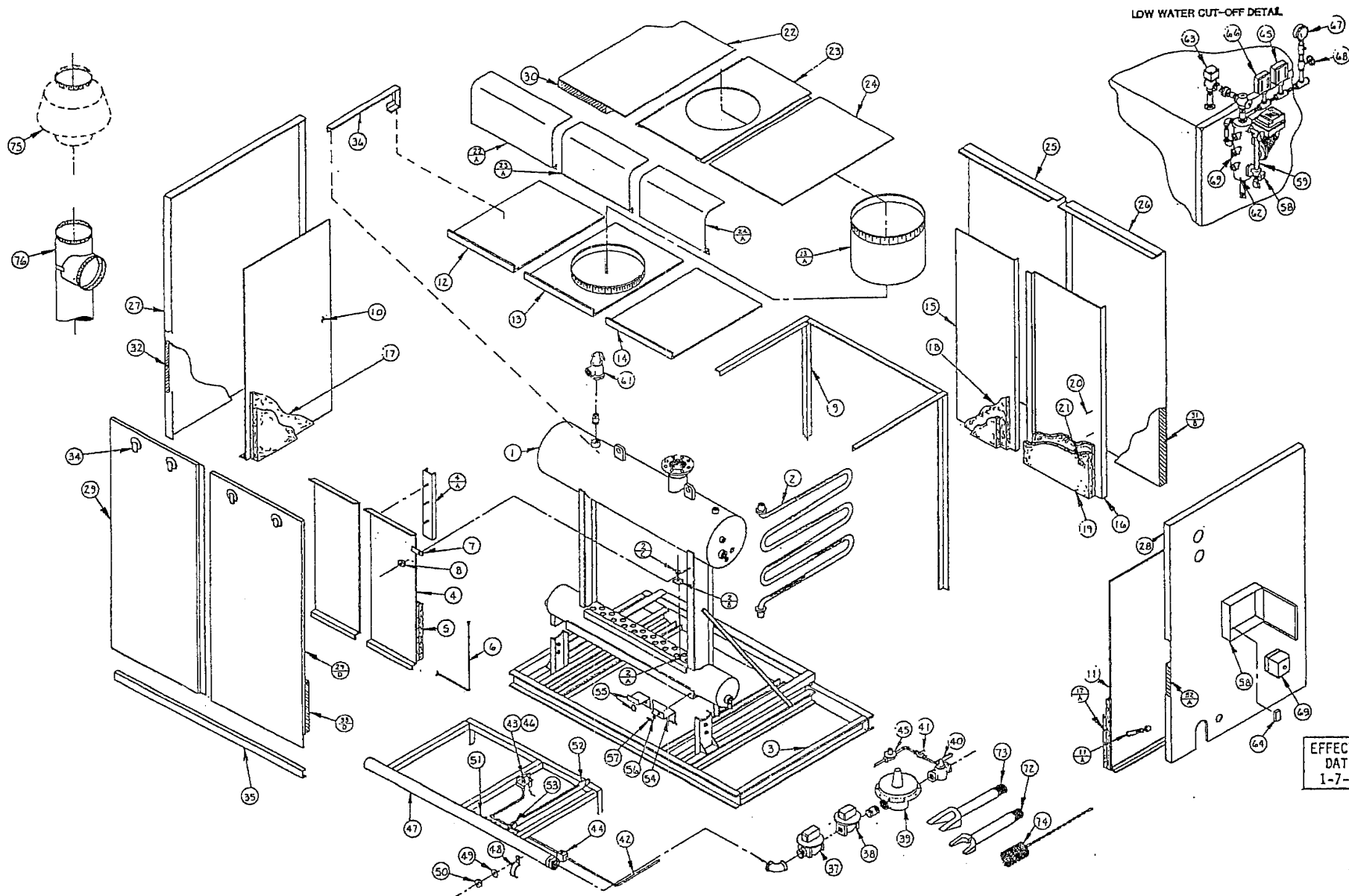
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	32125	Boiler Tubes	K350	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



EFFECTIVE
DATE
1-7-86

REVISION		BRYAN STEAM	
APPROVED BY:	DATE:	783 North Chil Avenue Peru, IN 46970	
DESIGNED BY:	DATE:	PARTS LIST FOR K-SERIES	
REVISED BY:	DATE:	ATMOSPHERIC GAS	
		STEAM BOILERS	
QUANTITY:	DATE:	SCALE:	FIG. NO.:
		NONE	FS
			D-11764

REPL: 7/1/98

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I T E M	DESCRIPTION	K250-S		K300-S		K350-S		K400-S		K450-S		K500-S		K550-S		K600-S		K650-S	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
1	Boiler Frame Assembly 15# (Tubes Install.)	1	42002	1	42003	1	42004	1	42005	1	42006	1	42007	1	42008	1	42009	1	42010
	Boiler Frame Assembly 150# (Tubes Install.)	1	42041	1	42042	1	42043	1	42044	1	42045	1	42046	1	42047	1	42048	1	42049
		BOILER TUBE ASSEMBLY																	
2	Boiler Tube - Outside	19	32124	23	32124	27	32124	30	32124	34	32124	38	32124	42	32124	45	32124	49	32124
	Boiler Tube - Inside	18	32125	22	32125	26	32125	29	32125	33	32125	37	32125	41	32125	44	32125	48	32125
2A	Tube Stud	36	25187	44	25187	52	25187	58	25187	66	25187	74	25187	82	25187	88	25187	96	25187
2B	Tube Clamp	36	23623	44	23623	52	23623	58	23623	66	23623	74	23623	82	23623	88	23623	96	23623
2C	Tube Clamp Nut	36	25114	44	25114	52	25114	58	25114	66	25114	74	25114	82	25114	88	25114	96	25114
		BOILER BASE ASSEMBLY																	
3																			
		TUBE PANEL ASSEMBLY (Items 4-8)																	
4	Tube Panel(s)	1	32350	1	32351	2	32352	2	32353	2	32356	2	32357	2	32358	2	32359	2	32360
4A	Tube Panel Connector	--	--	--	--	1	11051	1	11051	1	11051	1	11051	1	11051	1	11051	1	11051
5	Tube Panel Insulation Assembly	1	32198	1	32199	2	32200	2	32201	2	32202	2	32203	2	32204	2	32205	2	32206
6	Tube Panel Gasket (Feet)	21	24622	23	24622	24	24622	31	24622	33	24622	35	24622	37	24622	39	24622	41	24622
7	Tube Panel Stud Washer	30	25151	32	25151	42	25151	44	25151	48	25151	52	25151	56	25151	58	25151	62	25151
8	Tube Panel Stud Nut	30	25114	32	25114	42	25114	44	25114	48	25114	52	25114	56	25114	58	25114	62	25114
		CONSULT FACTORY																	
9																			
		FLUE COLLECTOR ASSEMBLY (10-11, 12-13, 14-16A)																	
10	Flue Collector - Left End (31" x 59 1/8")	1	32161	1	32161	1	32161	1	32161	1	32161	1	32161	1	32161	1	32161	1	32161
11	Flue Collector - Right End (31" x 59 1/8")	1	32164	1	32164	1	32164	1	32164	1	32164	1	32164	1	32164	1	32164	1	32164
11A	Flame Observation Port	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061	1	38061
12	Flue Collector Top - Left End	--	--	--	--	--	--	--	--	1	32316	1	32316	1	32316	1	32316	1	32316
13	Flue Collector Top - Center	1	32311	1	32312	1	32313	1	32314	1	32320	1	32321	1	32322	1	32323	1	32324
13A	Flue Stack Extension	1	32177	1	32177	1	32177	1	32179	1	32179	1	32179	1	32179	1	32179	1	32179
14	Flue Collector Top - Right End	--	--	--	--	--	--	--	--	1	32317	1	32317	1	32317	1	32317	1	32317
15	Flue Collector Rear - 39-7/8" W	1	32215	--	--	1	32215	--	--	1	32215	--	--	1	32215	--	--	1	32215
15A	Flue Collector Rear - 49-1/2" W	--	--	1	32216	--	--	1	32216	1	32216	2	32216	1	32216	2	32216	2	32216
15B	Flue Collector Rear - 52-1/8" W	--	--	--	--	1	32217	1	32217	--	--	--	--	1	32217	1	32217	--	--
16	Flue Collector Rear - 26-3/8" W	1	32218	--	--	--	--	--	--	1	32218	--	--	--	--	--	--	1	32218
16A	Flue Collector Rear - 29-1/2" W	--	--	1	32219	--	--	--	--	--	--	1	32219	--	--	--	--	--	--
		FLUE COLLECTOR INSULATION																	
17																			
17	Flue Collector Left End Panel Insul. 48"x34"	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208
17A	Flue Collector Right End Panel Insul.48"x34"	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208	2	32208

EFF. DATE: 1/1/02

REPL: 7/1/98

K - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST

FORM: 1702

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I T E M	DESCRIPTION	K250-S		K300-S		K350-S		K400-S		K450-S		K500-S		K550-S		K600-S		K650-S	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
18	Flue Collector Rear Panel Insul. 39-7/8" W	1	32210	--	--	1	32210	--	--	1	32210	--	--	1	32210	--	--	1	32210
18S	Flue Collector Rear Panel Insul. 49-1/2" W	--	--	1	32211	--	--	1	32211	1	32211	2	32211	1	32211	2	32211	2	32211
18B	Flue Collector Rear Panel Insul. 52-1/8" W	--	--	--	--	1	32212	1	32212	--	--	--	--	1	32212	1	32212	--	--
19	Flue Collector Rear Panel Insul. 26-3/8" W	1	32213	--	--	--	--	--	--	1	32213	--	--	--	--	--	--	1	32213
19A	Flue Collector Rear Panel Insul. 29-1/2" W	--	--	1	32214	--	--	--	--	--	--	1	32214	--	--	--	--	--	--
	JACKET ASSEMBLY COMPLETE (22-29)	1	42133	1	42134	1	42135	1	42136	1	42137	1	42138	1	42139	1	42140	1	42141
22	Jacket Top Panel - Left End	--	--	--	--	1	32230	1	32231	1	32232	1	32233	1	32234	1	32235	1	32236
22A	Jacket Top Filler Panel - Left End	--	--	--	--	1	32695	1	32696	1	32697	1	32698	1	32699	1	32700	1	32701
23	Jacket Top Panel - Center	1	32225	1	32226	1	32228	1	32228	1	32228	1	32228	1	32228	1	32228	1	32228
23A	Jacket Top Filler Panel - Center	1	32691	1	32692	--	--	--	--	--	--	--	--	--	--	--	--	--	--
24	Jacket Top Panel - Right End	--	--	--	--	1	32238	1	32239	1	32240	1	32241	1	32242	1	32243	1	32244
24A	Jacket Top Filler Panel - Right End	--	--	--	--	1	32704	1	32705	1	32706	1	32707	1	32708	1	32709	1	32710
25	Jacket Rear Panel - 32-3/16" W	1	32275	1	32275	--	--	1	32275	1	32275	--	--	--	--	--	--	--	--
25A	Jacket Rear Panel - 35-3/8" W	--	--	--	--	--	--	1	32276	1	32276	1	32276	1	32276	--	--	--	--
26	Jacket Rear Panel - 45-1/16" W	1	32277	--	--	1	32277	1	32277	--	--	1	32277	--	--	1	32277	--	--
26A	Jacket Rear Panel - 57-5/16" W	--	--	1	32278	1	32278	--	--	1	32278	1	32278	1	32278	1	32278	1	32278
27	Jacket Left End Panel - 47-1/4" x 64-1/2"	1	32221	1	32221	1	32221	1	32221	1	32221	1	32221	1	32221	1	32221	1	32221
28	Jacket Right End Panel - 47-1/4" x 64-1/2"	1	32220	1	32220	1	32220	1	32220	1	32220	1	32220	1	32220	1	32220	1	32220
29	Jacket Access Door - 35-1/4" W	--	--	--	--	2	32290	1	32290	1	32290	--	--	3	32290	1	32290	1	32290
29A	Jacket Access Door - 45" W	1	32291	1	32291	--	--	1	32291	1	32291	2	32291	--	--	1	32291	2	32291
29B	Jacket Access Door - 32" W	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	32292	--	--
29C	Jacket Access Door - 43-1/4" W	--	--	1	32293	--	--	--	--	1	32293	--	--	1	32293	--	--	--	--
29D	Jacket Access Door - 30-1/2" W	1	32294	--	--	1	32294	1	32294	--	--	--	--	--	--	--	--	--	--
29E	Jacket Access Door - 46-1/2" W	--	--	--	--	--	--	--	--	--	--	1	32295	--	--	1	32295	1	32295
	JACKET INSULATION																		
30	Jacket Top Insulation - Left End	--	--	--	--	1	32378	1	32379	1	32380	1	32381	1	32382	1	32383	1	32384
30A	Jacket Top Insulation - Center	1	32372	1	32373	1	32376	1	32376	1	32376	1	32376	1	32376	1	32376	1	32376
30B	Jacket Top Insulation - Right End	--	--	--	--	1	32388	1	32389	1	32390	1	32391	1	32392	1	32393	1	32394
31	Jacket Rear Panel Insulation - 32-3/16" W	1	32426	1	32426	--	--	1	32426	1	32426	--	--	--	--	--	--	--	--
31A	Jacket Rear Panel Insulation - 35-3/8" W	--	--	--	--	--	--	1	32427	1	32427	1	32427	1	32427	--	--	--	--
31B	Jacket Rear Panel Insulation - 45-1/16" W	1	32428	--	--	1	32428	1	32428	--	--	1	32428	--	--	1	32428	--	--
31C	Jacket Rear Panel Insulation - 57-15/16" W	--	--	1	32429	1	32429	--	--	1	32429	1	32429	2	32429	2	32429	3	32429
32	Jacket End Panel Insulation - Left End	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366
32A	Jacket End Panel Insulation - Right End	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366	2	32366
33	Jacket Access Door Insulation - 35-1/4" W	--	--	--	--	2	32440	1	32440	1	32440	--	--	3	32440	1	32440	1	32440
33A	Jacket Access Door Insulation - 45" W	1	32441	1	32441	--	--	1	32441	1	32241	2	32441	--	--	1	32441	2	32441

REPL: 7/1/98

ATMOSPHERIC GAS - STEAM

PAGE: K - 12

I T E M	DESCRIPTION	K250-S		K300-S		K350-S		K400-S		K450-S		K500-S		K550-S		K600-S		K650-S																			
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.																		
33B	Jacket Access Door Insulation - 32" W	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	32442	--	--																		
33C	Jacket Access Door Insulation - 43-1/4" W	--	--	1	32443	--	--	--	--	1	32443	--	--	1	32443	--	--	--	--																		
33D	Jacket Access Door Insulation - 30-1/2" W	1	32444	--	--	1	32444	1	32444	--	--	--	--	--	--	--	--	--	--																		
33E	Jacket Access Door Insulation - 46-1/2" W	--	--	--	--	--	--	--	--	--	--	1	32445	--	--	1	32445	1	32445																		
34	Jacket Door Latch Assembly	4	29140	4	29140	6	29140	6	29140	6	29140	6	29140	8	29140	8	29140	8	29140																		
35	Jacket Door Bar	1	32712	1	32713	1	32714	1	32715	1	32716	1	32717	1	32718	1	32719	1	32720																		
36	Jacket Top Support Angles	3	38070	3	38070	4	38070	4	38070	4	38070	6	38070	6	38070	6	38070	6	38070																		
		REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																																			
	GAS TRAIN ASSEMBLY																																				
37	Main Gas Valve (V4055A)																																				
38	Auxiliary Gas Valve (8215)																																				
39	Main Gas Pressure Regulator (RV**)																																				
40	Main Gas Shutoff Cock (Manual)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																																			
41	Pilot Gas Shutoff Cock (1/4")																																				
42	Pilot Tubing																			1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615
43	Pilot (Primary) (Q179)																																				
43A	Pilot (Auxiliary) (J843) (H17BA TC30")																																				
44	Pilot Safety Ctrl w/Thermocpl (H17BAX30")	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																																			
45	Pilot Gas Pressure Regulator 1/4"x3/8"																																				
46	Pilot Bracket																			1	32465	1	32465	1	32465	1	32465	1	32465	2	32465	2	32465	2	32465	2	32465
																				REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																	
	GAS BURNER ASSEMBLY (47-53)(20)																																				
47	Gas Burner Manifold with Support Tray	1	23682	1	23683	1	23684	1	23685	1	23686	1	23687	1	23688	1	23689	1	23690																		
48	Gas Burner Manifold Mounting Bracket	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152																		
49	Burner Stud Washer	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151																		
50	Burner Stud Nut	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114																		
51	Gas Burner Orifices (Specify Type Gas)	26	27500	31	27500	36	27500	42	27500	47	27500	52	27500	57	27500	62	27500	68	27500																		
52	Tubular Burners without Shutter	26	27442	31	27442	36	27442	42	27442	47	27442	52	27442	57	27442	62	27442	68	27442																		
53	Burner Shutters with Screw (LP Only)	26	27450	31	27450	36	27450	42	27450	47	27450	52	27450	57	27450	62	27450	68	27450																		
54	Baffle with Insulation - 15-1/2" W	4	32664	2	32664	--	--	--	--	--	--	--	--	--	--	--	--	--	--																		
54A	Baffle with Insulation - 18" W	--	--	--	--	2	32665	2	32665	--	--	--	--	--	--	2	32665	--	--																		
54B	Baffle with Insulation - 21-1/2" W	--	--	--	--	2	32666	2	32666	2	32666	--	--	--	--	2	32666	2	32666																		
54C	Baffle with Insulation - 26-1/2" W	--	--	--	--	--	--	1	32667	1	32667	1	32667	--	--	--	--	--	--																		
54D	Baffle with Insulation - 30" W	--	--	--	--	--	--	--	--	1	32668	3	32668	2	32668	1	32668	2	32668																		
54E	Baffle with Insulation - 37" W	--	--	1	32669	--	--	--	--	--	--	--	--	2	32669	1	32669	2	32669																		
55	Pilot Baffle with Insulation Port Cover-8" W	1	32672	2	32672	2	32672	2	32672	2	32672	2	32672	2	32672	2	32672	2	32672																		

EFF. DATE: 1/1/02

REPL: 7/1/98

**K - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST**

FORM: 1702

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I T E M	DESCRIPTION	K250-S		K300-S		K350-S		K400-S		K450-S		K500-S		K550-S		K600-S		K650-S	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
56	Baffle Washer	6	25151	7	25151	7	25151	7	25151	7	25151	7	25151	9	25151	10	25151	10	25151
57	Baffle Wing Nut	6	25102	7	25102	7	25102	7	25102	7	25102	7	25102	9	25102	10	25102	10	25102
	FLAME SPREADERS																		
20A	#1 K Flame Spreader 24"	--	--	2	23630	1	23630	1	23630	1	23630	--	--	--	--	--	--	--	--
20B	#2 K Flame Spreader 34-3/4"	2	23631	1	23631	2	23631	1	23631	--	--	4	23631	3	23631	1	23631	--	--
20C	#3 K Flame Spreader 39-1/4"									1	23632			1	23632	3	23632	4	23632
20D	#4 K Flame Spreader 45-3/4"	--	--	--	--	--	--	1	23633	1	23633	--	--	--	--	--	--	--	--
	STEAM CONTROL EQUIPMENT																		
58	Control Panel (12x14)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																	
59	Gauge Glass (20-251-X)																		
60	Transformer (612xx)																		
61	Relief Valve (15# or 150#)																		
62	Low Water Cut-off & Pump Control (157)																		
63	Auxiliary LWCO Relay (BS-1-BR)																		
64	Auxiliary Low Water Cut-off Probe (750)																		
65	Pressurtrol Hi-Limit (L404)																		
66	Pressurtrol Operator (L404)																		
67	Pressure Gauge (30# to 300# 3-1/2")																		
68	Pressure Gauge Cock (43-101-04) (1/4")	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969
69	Tri-Cocks (26-315-01) (1/2")	3	28929	3	28929	3	28929	3	28929	3	28929	3	28929	3	28929	3	28929	3	28929
70	Flame Safeguard (RM78XX)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																	
71	U.V. Scanner (Optional) (C7072A)																		
	SERVICE TOOLS																		
72	Tube Puller *	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
73	Tube Driver *	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
74	Tube Brush **	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917
	DRAFT CONTROL																		
75	Draft Diverter (Optional)	1	28663	1	28663	1	28663	1	28666	NOT AVAILABLE									
76	Barometric Damper (Standard)	1	28625	1	28625	1	28625	1	28626	1	28626	1	28626	1	28626	1	28626	1	28626

* Furnished as Standard on High Pressure Steam Only

** Not Standard. Available Upon Request.

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1336-L-G-W

PAGE: L-ATM-1

FOR L-SERIES, ATMOSPHERIC GAS, WATER BOILERS L20 THRU L96

ORDERING INSTRUCTIONS

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

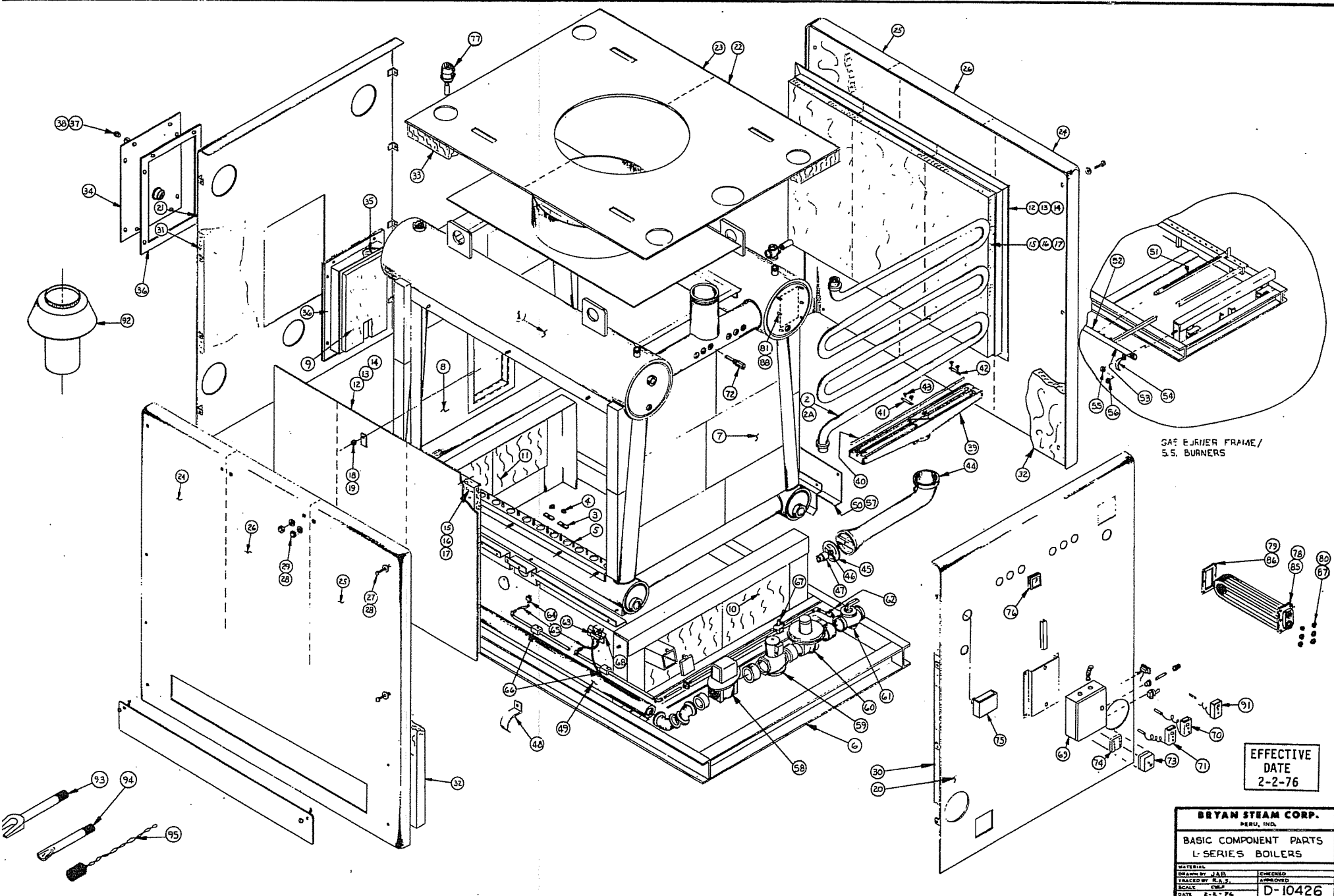
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3201	Boiler Tubes	L20	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



GAS BURNER FRAME /
S.S. BURNERS

EFFECTIVE
DATE
2-2-76

BRYAN STEAM CORP. PERU, IND.	
BASIC COMPONENT PARTS L-SERIES BOILERS	
DRAWN BY J.A.B.	CHECKED
DESIGNED BY J.A.B.	APPROVED
SCALE 1/2" = 1'-0"	
DATE 2-2-76	D-10426

EFF. DATE: 1/1/02
REPL: 7/1/97

L - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM 1336
PAGE: L-ATM-3

ITEM NO.	DESCRIPTION	L20-W		L24-W		L28-W		L32-W		L36-W		L40-W		L48-W		L56-W		L64-W		L72-W		L80-W		L-88-W		L96-W	
		QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
1	BOILER FRAME ASSY (w/Tubes)	1	4104	1	4105	1	4106	1	4107	1	4108	1	4109	1	4110	1	4111	1	4112	1	4113	1	4114	1	4183	1	4184
	BOILER TUBE																										
2	Boiler Tube - Right Hand	10	3201	12	3201	14	3201	16	3201	18	3201	20	3201	24	3201	28	3201	32	3201	36	3201	40	3201	44	3201	48	3201
2A	Boiler Tube - Left Hand	10	3202	12	3202	14	3202	16	3202	18	3202	20	3202	24	3202	28	3202	32	3202	36	3202	40	3202	44	3202	48	3202
3	Tube Clamp	36	23623	44	23623	52	23623	60	23623	68	23623	76	23623	92	23623	108	23623	124	23623	140	23623	156	23623	172	23623	188	23623
4	Tube Clamp Nut	36	25114	44	25114	52	25114	60	25114	68	25114	76	25114	92	25114	108	25114	124	25114	140	25114	156	25114	172	25114	188	25114
5	Tube Clamp Stud	36	25187	44	25187	52	25187	60	25187	68	25187	76	25187	92	25187	108	25187	124	25187	140	25187	156	25187	172	25187	188	25187
6	BOILER BASE ASSY (Welded)	1	4187	1	4188	1	4189	1	4190	1	4191	1	4192	1	4193	1	4194	1	4195	1	4196	1	4197	1	4198	1	4199
	BOILER FRAME INSULATION (7-8)	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200	1	4200
7	Front Insulation	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
8	Rear Insulation	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
	BASE INSULATION ASSEMBLY																										
10	Front Insulation	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
11	Rear Insulation	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
	TUBE PANEL ASSEMBLY (12-19)	2	4206	2	4207	2	4208	2	4209	2	4210	4	4211	4	4212	4	4213	4	4214	4	4215	4	4216	4	4217	6	4218
12	Tube Panel #1 (each side)	2	3267	2	3268	2	3269	2	3270	2	3271	2	3272	2	3272	2	3273	2	3274	2	3275	2	3275	2	3269	2	3270
13	Tube Panel #2 (each side)	--	--	--	--	--	--	--	--	--	--	2	3267	2	3269	2	3269	2	3269	2	3269	2	3271	2	3273	2	3273
14	Tube Panel #3 (each side)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	3274
15	Tube Panel Insulation #1 (each side)	2	3302	2	3303	2	3304	2	3305	2	3306	2	3307	2	3307	2	3308	2	3309	2	3310	2	3310	4	3304	2	3305
16	Tube Panel Insulation #2 (each side)	--	--	--	--	--	--	--	--	--	--	2	3302	2	3304	2	3304	2	3304	2	3304	2	3306	2	3308	2	3308
17	Tube Panel Insulaiton #3 (each side)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	3309
18	Tube Panel Washer (each side)	20	25151	24	25151	24	25151	24	25151	28	25151	34	25151	38	25151	38	25151	42	25151	46	25151	46	25151	56	25151	60	25151
19	Tube Panel Nut (each side)	20	25114	24	25114	24	25114	24	25114	28	25114	34	25114	38	25114	38	25114	42	25114	46	25114	46	25114	56	25114	60	25114
	JACKET ASSEMBLY (20-29)	1	4160	1	4161	1	4162	1	4163	1	4164	1	4165	1	4166	1	4167	1	4168	1	4169	1	4170	1	4219	1	4220
20	Jacket Front	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213
21	Jacket Rear	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214
22	Jacket Top #1	1	3215	1	3216	1	3217	1	3218	1	3219	1	3220	1	3221	1	3222	1	3223	1	3224	1	3225	1	3276	1	3277
23	Jacket Top #2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	3226	1	3227	1	3228	1	3229	1	3278	1	3279
24	Jacket Side #1	2	3230	2	3231	2	3232	2	3233	2	3234	2	3235	2	3237	2	3239	2	3241	2	3243	2	3245	2	3295	2	3298
25	Jacket Side #2	--	--	--	--	--	--	--	--	--	--	2	3236	2	3238	2	3240	2	3242	2	3244	2	3246	2	3296	2	3299

L - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

		L20-W		L24-W		L28-W		L32-W		L36-W		L40-W		L48-W		L56-W		L64-W		L72-W		L80-W		L-88-W		L96-W	
ITEM NO.	DESCRIPTION	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
26	Jacket Side #3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	3301	2	3297	2	3300
27	Jacket Bolt	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089	16	25089
28	Jacket Washer	16	25151	16	25151	16	25151	16	25151	16	25151	24	25151	24	25151	24	25151	24	25151	24	25151	32	25151	32	25151	32	25151
29	Jacket Nuts	--	--	--	--	--	--	--	--	--	--	8	25112	8	25112	8	25112	8	25112	8	25112	16	25112	16	25112	16	25112
	JACKET INSUL. ASSEMBLY (30-33)	1	4171	1	4172	1	4173	1	4174	1	4175	1	4176	1	4177	1	4178	1	4179	1	4180	1	4181	1	4221	1	4222
30	Jacket Front Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
31	Jacket Rear Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
32	Jacket Side Insulation #1	2	3311	2	3312	2	3313	2	3314	2	3315	2	3316	2	3317	2	3318	2	3319	2	3320	2	3317	2	3318	2	3319
32A	Jacket Side Insulation #2	--	--	--	--	--	--	--	--	--	--	2	3316	2	3317	2	3318	2	3319	2	3320	2	3317	2	3318	2	3319
	Jacket Side Insulation #3																					2	3321	2	3321	2	3321
33	Jacket Top Insulation	1	3323	1	3324	1	3325	1	3326	1	3327	1	3328	1	3329	1	3330	1	3331	1	3332	1	3333	1	3334	1	3335
	REAR ACCESS DOOR ASSY (9, 34-38)	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182
9	Rear Acc. Door (1-1/2" blkt.) (Sq. Ft.)	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528	3	24528
34	Access Door	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247
35	Access Door Insul. 2-1/2" Monoblock	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507
36	Access Door Gasket (Ft.)	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622
37	Access Door Washer	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151
38	Access Door Nut	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114
	GAS BURNER ASSY w/ C.I. BNR.																										
39	Burner Head	NOT AVAILABLE																									
2	S. Steel Ribbon Assy. (3/Head)	NOT AVAILABLE																									
41	Ribbon Retainer Clip (1/Head)	NOT AVAILABLE																									
42	Ribbon Retainer Angle Clip (2/Head)	NOT AVAILABLE																									
43	Ribbon Retaining Screws	NOT AVAILABLE																									
44	Burner Mixing Tube	NOT AVAILABLE																									
45	Air Adj. Shutter (LP/Mfg. Gas)	NOT AVAILABLE																									
46	Manifold Supd Adapter	NOT AVAILABLE																									
47	Burner Orifice Spud (Specify Type)	8	27489	9	27489	11	27489	12	27489	14	27489	15	27489	18	27489	21	27489	24	27489	27	27489	30	27489	33	27489	36	27489
48	Manifold Bracket	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	23	11152	2	11152	2	11152	2	11152	2	11152	2	11152
49	Manifold	1	23701	1	23702	1	23703	1	23704	1	23705	1	23706	1	23707	1	23708	1	23709	1	23710	1	23711	1	23712	1	23713
50	Baffle Assembly (Complete)	1	4397	1	4398	1	4399	1	4400	1	4401	1	4402	1	4403	1	4404	1	4405	1	4406	1	4407	1	4408	1	4409
	GAS BNR ASSY. w/ S.S. BURNER																										
51	S.S. Burner(s)	15	27429	18	27429	21	27429	24	27429	27	27429	30	27429	36	27429	42	27429	48	27429	54	27429	58	27429	64	27429	70	27429
52	Burner Orifice(s) (Specify Type)	15	27501	18	27501	21	27501	24	27501	27	27501	30	27501	36	27501	42	27501	48	27501	54	27501	58	27501	64	27501	70	27501
53	Manifold	1	23701	1	23702	1	23703	1	23704	1	23705	1	23706	1	23707	1	23708	1	23709	1	23710	1	23711	1	23712	1	23713

L - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

		L20-W		L24-W		L28-W		L32-W		L36-W		L40-W		L48-W		L56-W		L64-W		L72-W		L80-W		L-88-W		L96-W	
ITEM NO.	DESCRIPTION	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
54	Manifold Brackets	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152
55	Burner Stud Washer	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151	2	25151
56	Burner Stud Nut	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114	2	25114
57	Baffle Assembly (Complete)	1	4397.1	1	4398.1	1	4399.1	1	4400.1	1	4401.1	1	4402.1	1	4403.1	1	4404.1	1	4405.1	1	4406.1	1	4407.1	1	4408.1	1	4409.1
	GAS TRAIN ASSEMBLY	1	49103	1	49104	1	49105	1	49106	1	49107	1	49108	1	49109	1	49110	1	49111	1	49112	1	49113	1	49114	1	49115
58	Main Gas Valve (V4055A)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																									
59	Auxiliary Gas Valve (8215)																										
60	Main Gas Press. Regulator (RV)																										
61	Main Gas Shutoff Cock (50-)																										
62	Pilot Shutoff Cock (Q179)																										
63	Pilot Burner (Primary) (J843)																										
64	Pilot Burner (Smoothing) (J843)																										
65	Pilot Tubing	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615
66	Pilot Sfty Ctrl w/ Thermocpl. (H17BA)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																									
67	Pilot Gas Press. Regulator (R20L)																										
68	Pilot Bracket	1	32465	1	32465	1	32465	1	32465	1	32465	2	32465	2	32465	2	32465	2	32465	2	32465	2	32465	2	32465	2	32465
	CONTROL EQUIPMENT																										
69	Control Box	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																									
70	Aquastat - Hi-Limit (L4008A)																										
71	Aquastat - Operator (L4008A)																										
72	Aquastat Well																										
73	Comb. Safety Relay (R890F)																										
74	Comb. Safety Relay (Q270A)																										
75	Low Water Cutoff (PS851)																										
	WATER TRIM																										
76	Comb. Press/Temp Gauge	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																									
	(30-2400F - 60# Std.)																										
77	Press. Relief Valve(s)																										
	(30#, 45#, 60# or 125# Std.)																										
	INDIRECT WATER HEATER																										
78	Indirect Heat Exchanger	2	33182	2	33184	1	33186	2	33188	2	33150	2	33154	2	33158	2	33160	2	33162	2	33164	--	--	--	--	--	--
79	Heat Exchanger Gasket	2	29185	2	29185	2	29185	2	29185	2	29185	2	29185	2	29185	2	29185	2	29185	1	29185	--	--	--	--	--	--
80	Heat Exchanger Nut	6	251150	6	251150	6	251150	6	251150	6	251150	6	251150	6	251150	6	251150	6	251150	6	251150	--	--	--	--	--	--

REPL: 7/1/97

ATMOSPHERIC GAS - WATER

FORM 1336

[illegible]

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1394-L-G-S

PAGE: L-ATM-12

FOR L-SERIES, ATMOSPHERIC GAS, STEAM BOILERS L20 THRU L80

ORDERING INSTRUCTIONS

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

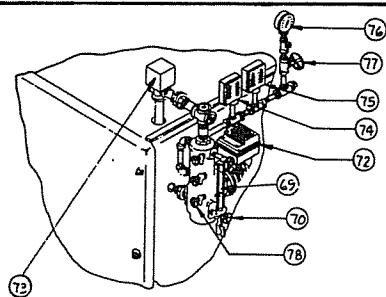
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

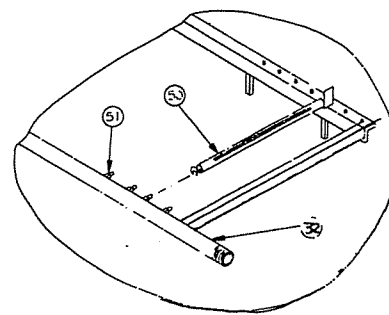
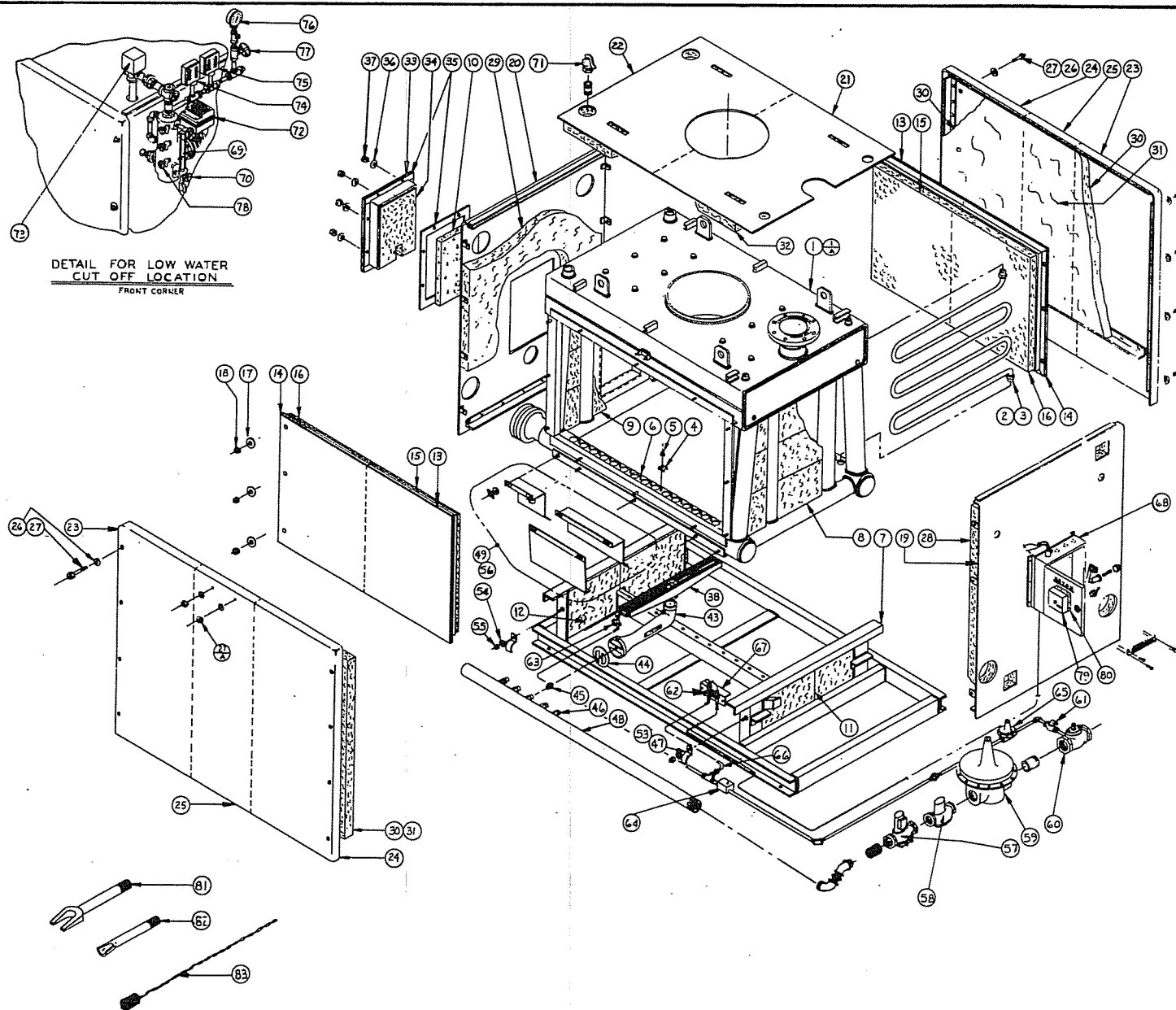
PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3202	Boiler Tubes	L48	12345	Freight Truck

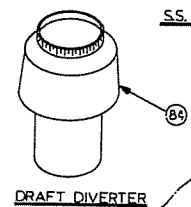
BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



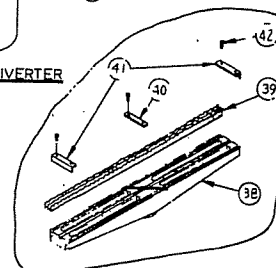
DETAIL FOR LOW WATER
CUT OFF LOCATION
FRONT CORNER



SS. BURNER L35Y



DRAFT DIVERTER



BURNER ASSEMBLY

EFFECTIVE
DATE
3-5-84

REV.	DATE	DESCRIPTION	BY	CHKD.
1	3-5-84	REVISION FOR L35Y		
BRYAN STEAM CORP.				
PERMANENT, INC.				
L-SERIES STEAM ATMOSPHERIC GAS FIRED BL'RS.				
PARTS LIST DRAWING.				
DESIGNED BY S.A. SMITH				
CHECKED BY				
DRAWN BY				
DATE 3-11-74				
D-11274				

Eff. Date: 1/1/02
Repl: 7/1/97

L - SERIES ATMOSPHERIC GAS - STEAM PARTS LIST

FORM 1394

PAGE: L-ATM-14

ITEM NO.	DESCRIPTION	L20-S		L28-S		L36-S		L48-S		L64-S		L80-S	
		QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.
1	BOILER FRAME w/ TUBES - 15# Design	1	4364	1	4365	1	4366	1	4367	1	4368	1	4369
1A	BOILER FRAME w/ TUBES - 150# Design	1	4364.1	1	4365.1	1	4366.1	1	4367.1	1	4368.1	1	4369.1
	BOILER TUBE												
2	Boiler Tube - Right Hand	10	3201	14	3201	18	3201	24	3201	32	3201	40	3201
3	Boiler Tube - Left Hand	10	3202	14	3202	18	3202	24	3202	32	3202	40	3202
4	Tube Clamp	36	23623	52	23623	68	23623	92	23623	124	23623	156	23623
5	Tube Clamp Nut	36	25114	52	25114	68	25114	92	25114	124	25114	156	25114
6	Tube Clamp Stud	36	25187	52	25187	68	25187	92	25187	124	25187	156	25187
7	BOILER BASE ASSEMBLY (Welded Assembly)	1	4187	1	4189	1	4191	1	4193	1	4195	1	4197
	BOILER FRAME INSULATION (Complete)	1	4370	1	4370	1	4370	1	4370	1	4370	1	4370
8	Front Insulation - 2000 ⁰ Insulation Tile	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
9	Rear Insulation - 2000 ⁰ Insulation Tile	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
10	Rear Access Door Insulation 1" Blanket	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528
	BASE ASSEMBLY INSULATION (Complete)	1	4203	1	4203	1	4203	1	4203	1	4203	1	4203
11	Front Insulation - 2000 ⁰ Insulation Tile	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
12	Rear Insulation - 2000 ⁰ Insulation Tile	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
	TUBE PANEL ASSEMBLY (Items 13 thru 18)	2	4149	2	4151	2	4153	4	4155	4	4157	4	4159
13	Tube Panel #1 (each side)	2	3267	2	3269	2	3271	2	3272	2	3274	2	3275
14	Tube Panel #2 (each side)							2	3269	2	3269	2	3271
15	Tube Panel Insulation #1 (each side)	2	3302	2	3304	2	3306	2	3307	2	3309	2	3310
16	Tube Panel Insulation #2 (each side)							2	3304	2	3304	2	3306
17	Tube Panel Washer (each side)	20	25151	24	25151	24	25151	38	25151	42	25151	46	25151
18	Tube Panel Nut (each side)	20	25114	24	25114	24	25114	38	25114	42	25114	46	25114
	JACKET ASSEMBLY (Items 19 thru 27)	1	4385	1	4386	1	4387	1	4388	1	4389	1	4390
19	Jacket Front	1	3688	1	3688	1	3688	1	3688	1	3688	1	3688
20	Jacket Rear	1	3689	1	3689	1	3689	1	3689	1	3689	1	3689
21	Jacket Top #1	1	3215	1	3217	1	3219	1	3221	1	3223	1	3225
22	Jacket Top #2									1	3227	1	3229

Eff. Date: 1/1/02
Repl: 7/1/97

**L - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST**

FORM 1394
PAGE: L-ATM-15

ITEM NO.	DESCRIPTION	L20-S		L28-S		L36-S		L48-S		L64-S		L80-S	
		QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.
23	Jacket Side #1	2	3230	2	3232	2	3234	2	3237	2	3241	2	3245
24	Jacket Side #2	--	--	--	--	--	--	2	3238	2	3242	2	3246
25	Jacket Side #3	--	--	--	--	--	--	--	--	--	--	2	3301
26	Jacket Washer	16	25151	16	25151	16	25151	24	25151	24	25151	32	25151
27	Jacket Bolt	16	25089	16	25089	16	25089	24	25089	24	25089	32	25089
27A	Jacket Nut	--	--	--	--	--	--	8	25112	8	25112	16	25112
	JACKET INSULATION ASSEMBLY (Items 28 thru 32)	1	4391	1	4392	1	4393	1	4394	1	4395	1	4396
28	Jacket Front Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
29	Jacket Rear Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
30	Jacket Side Insulation #1	2	3311	2	3313	2	3315	4	3317	4	3319	4	3317
31	Jacket Side Insulation #2											2	3321
32	Jacket Top Insulation	1	3323	1	3325	1	3327	1	3329	1	3331	1	3333
	REAR ACCESS DOOR ASESEMBLY (Items 33 thru 37)	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182
33	Access Door	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247
34	Access Door Insulation (2-1/2" Monoblock)	1	24507	1	24507	1	24507	1	24507	1	24507	1	24507
35	Access Door Gasket Rope (Ft.)	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622
36	Access Door Washer	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151
37	Access Door Nut	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114
	GAS BURNER ASSEMBLY (w/Cast Iron Burners)												
38	Burner Head	NOT AVAILABLE											
39	Stainless Steel Ribbon Assy. (3 Sets per Head)	NOT AVAILABLE											
40	Ribbon Retainer Clip (1 per Head)	NOT AVAILABLE											
41	Ribbon Reatiner Angle Clip (2 per Head)	NOT AVAILABLE											
42	Ribbon Retaining Screws	NOT AVAILABLE											
43	Burner Mixing Tube	NOT AVAILABLE											
44	Air Adjustment Shutter (L.P. & Mfg. Gas Only)	NOT AVAILABLE											
45	Manifold Spud Adapter	NOT AVAILABLE											
46	Burner Orifice Spud (Specify Type Gas)	8	27489	11	27489	14	27489	18	27489	24	27489	30	27489
47	Manifold Brackets	2	11152	2	11152	2	11152	2	11152	2	11152	2	11152
48	Manifold	1	23701	1	23703	1	23705	1	23707	1	23709	1	23711
49	Baffle Assembly Complete	1	4397	1	4399	1	4401	1	4403	1	4405	1	4407

Repl: 7/1/97

FORM 1394

PAGE: L-ATM-16

[illegible]

Eff. Date: 1/1/02
Repl: 7/1/97

**L - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST**

FORM 1394
PAGE: L-ATM-17

ITEM NO.	DESCRIPTION	L20-S		L28-S		L36-S		L48-S		L64-S		L80-S	
		QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.
79	Flame Safeguard (R890F)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
80	Flame Safeguard Subbase (Q270A)												
	SERVICE TOOLS												
81	Tube Puller	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
82	Tube Driver	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
83	Tube Brush	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917
	DRAFT CONTROL												
84	Draft Diverter	1	28659	1	28663	1	28664	1	28666	2	28663	2	28663

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1347-L-FD-W

PAGE: L-FD-7

FOR L-SERIES, FORCED DRAFT, WATER BOILERS L20 THRU L80

ORDERING INSTRUCTIONS

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

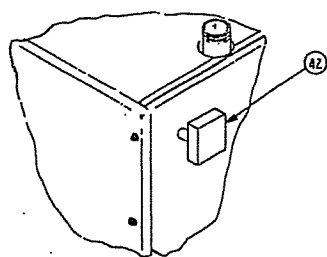
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

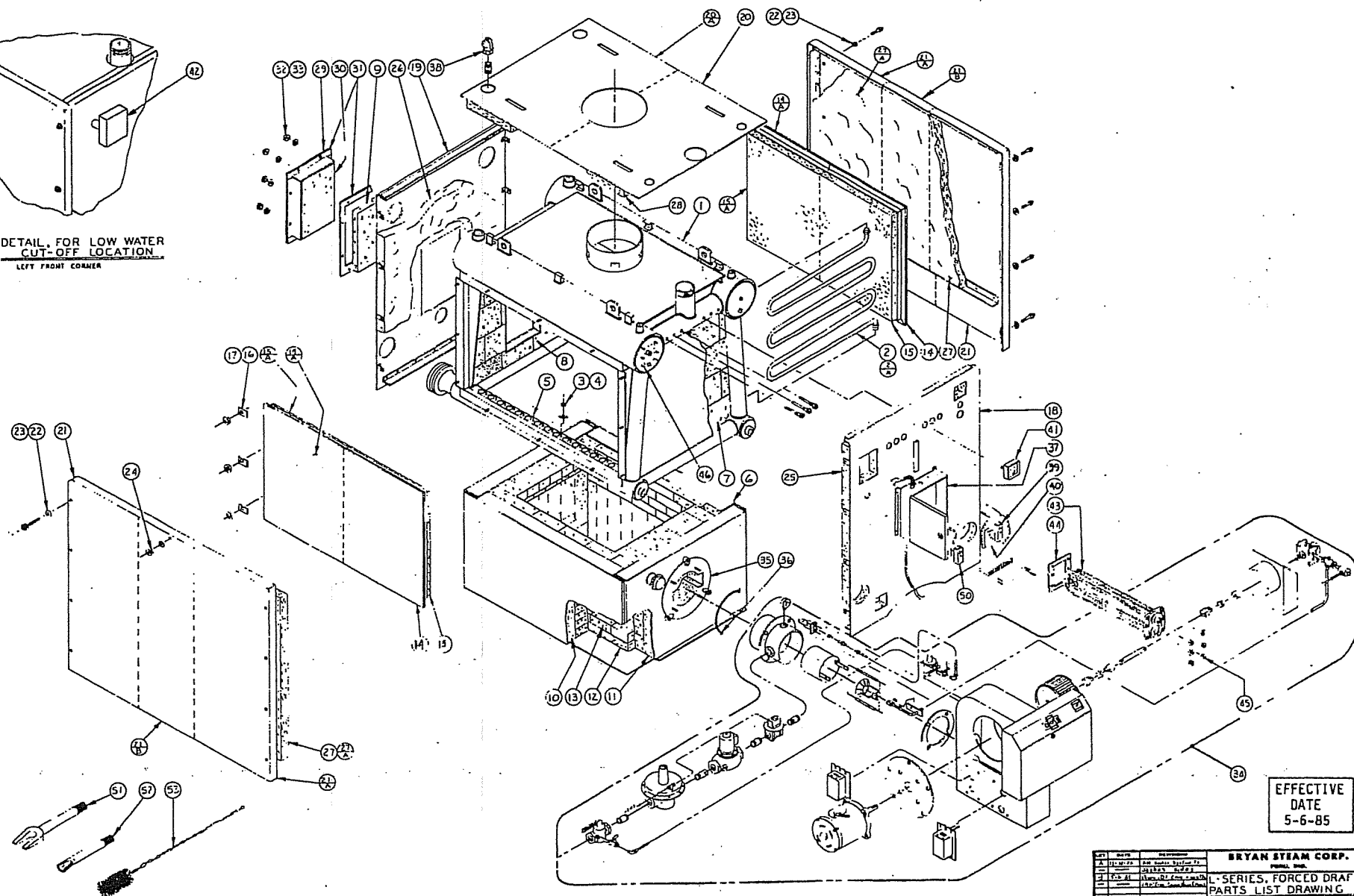
PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3202	Boiler Tubes	L40	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



DETAIL, FOR LOW WATER
CUT-OFF LOCATION
LEFT FRONT CORNER



EFFECTIVE
DATE
5-6-85

BRYAN STEAM CORP.			
NO.	DESCRIPTION	REVISION	DATE
1	As Shown	1	5-6-85
2	As Shown	2	5-6-85
3	As Shown	3	5-6-85
4	As Shown	4	5-6-85
5	As Shown	5	5-6-85
6	As Shown	6	5-6-85
7	As Shown	7	5-6-85
8	As Shown	8	5-6-85
9	As Shown	9	5-6-85
10	As Shown	10	5-6-85
11	As Shown	11	5-6-85
12	As Shown	12	5-6-85
13	As Shown	13	5-6-85
14	As Shown	14	5-6-85
15	As Shown	15	5-6-85
16	As Shown	16	5-6-85
17	As Shown	17	5-6-85
18	As Shown	18	5-6-85
19	As Shown	19	5-6-85
20	As Shown	20	5-6-85
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22	As Shown	22	5-6-85
23	As Shown	23	5-6-85
24	As Shown	24	5-6-85
25	As Shown	25	5-6-85
26	As Shown	26	5-6-85
27	As Shown	27	5-6-85
28	As Shown	28	5-6-85
29	As Shown	29	5-6-85
30	As Shown	30	5-6-85
31	As Shown	31	5-6-85
32	As Shown	32	5-6-85
33	As Shown	33	5-6-85
34	As Shown	34	5-6-85
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36	As Shown	36	5-6-85
37	As Shown	37	5-6-85
38	As Shown	38	5-6-85
39	As Shown	39	5-6-85
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41	As Shown	41	5-6-85
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49	As Shown	49	5-6-85
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69	As Shown	69	5-6-85
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72	As Shown	72	5-6-85
73	As Shown	73	5-6-85
74	As Shown	74	5-6-85
75	As Shown	75	5-6-85
76	As Shown	76	5-6-85
77	As Shown	77	5-6-85
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80	As Shown	80	5-6-85
81	As Shown	81	5-6-85
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83	As Shown	83	5-6-85
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86	As Shown	86	5-6-85
87	As Shown	87	5-6-85
88	As Shown	88	5-6-85
89	As Shown	89	5-6-85
90	As Shown	90	5-6-85
91	As Shown	91	5-6-85
92	As Shown	92	5-6-85
93	As Shown	93	5-6-85
94	As Shown	94	5-6-85
95	As Shown	95	5-6-85
96	As Shown	96	5-6-85
97	As Shown	97	5-6-85
98	As Shown	98	5-6-85
99	As Shown	99	5-6-85
100	As Shown	100	5-6-85

EFF. DATE: 1/1/02
REPL: 7/1/97

**L - SERIES
FORCED DRAFT - WATER
PARTS LIST**

FORM 1347
PAGE: L-FD-9

ITEM NO.	DESCRIPTION	L20-W		L24-W		L28-W		L32-W		L36-W		L40-W		L48-W		L56-W		L64-W		L72-W		L80-W	
		QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
1	BOILER FRAME ASSEMBLY w/ TUBES	1	4104	1	4105	1	4106	1	4107	1	4108	1	4109	1	4110	1	4111	1	4112	1	4113	1	4114
	BOILER TUBE																						
2	Boiler Tubes - Right Hand	10	3201	12	3201	14	3201	16	3201	18	3201	20	3201	24	3201	28	3201	32	3201	36	3201	40	3201
2A	Boiler Tubes - Left Hand	10	3202	12	3202	14	3202	16	3202	18	3202	20	3202	24	3202	28	3202	32	3202	36	3202	40	3202
3	Tube Clamp	36	23623	44	23623	52	23623	60	23623	68	23623	76	23623	92	23623	108	23623	124	23623	140	23623	156	23623
4	Tube Clamp Nuts	36	25114	44	25114	52	25114	60	25114	68	25114	76	25114	92	25114	108	25114	124	25114	140	25114	156	25114
5	Tube Clamp Stud	36	25187	44	25187	52	25187	60	25187	68	25187	76	25187	92	25187	108	25187	124	25187	140	25187	156	25187
6	BOILER BASE ASSEMBLY (Welded Assy)	1	4126	1	4127	1	4128	1	4129	1	4130	1	4131	1	4132	1	4133	1	4134	1	4135	1	4136
	BOILER FRAME INSULATION (Compl)	1	4137	1	4137	1	4137	1	4137	1	4137	1	4137	1	4137	1	4137	1	4137	1	4137	1	4137
7	Front Insulation - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
8	Rer Insulation - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
9	Rear Acc. Door Insul. (1" Blanket) Sq. Ft.	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528
	COMBUSTION CHAMBER ASSY (Compl)	1	4138	1	4139	1	4140	1	4141	1	4142	1	4143	1	4144	1	4145	1	4146	1	4147	1	4148
10	Combustion Chamber Insul. - Side	2	3351	2	3352	2	3353	2	3354	2	3355	2	2256	2	3357	2	3358	2	3359	2	3360	2	3361
11	Combustion Chamber Insul. - End	2	3350	2	3350	2	3350	2	3350	2	3350	2	3350	2	3350	2	3350	2	3350	2	3350	2	3350
12	Combustion Chamber Insul. - Floor	1	3362	1	3363	1	3364	1	3365	1	3366	1	3367	1	3368	1	3369	1	3370	1	3371	1	3372
13	Combustion Chamber Brick - 2600 ⁰ Firebrick	207	24542	232	24542	251	24542	273	24542	325	24542	350	24542	400	24542	500	24542	585	24542	644	24542	706	24542
	TUBE PANEL ASSEMBLY (14-17)	2	4149	2	4150	2	4151	2	4152	2	4153	2	4154	2	4155	2	4156	2	4157	2	4158	2	4159
14	Tube Panel #1 (each side)	2	3204	2	3205	2	3206	2	3207	2	3208	2	3209	2	3209	2	3210	2	3211	1	3212	1	3212
14A	Tube Panel #2 (each side)	--	--	--	--	--	--	--	--	--	--	2	3204	2	3206	2	3206	2	3206	2	3206	2	3208
15	Tube Panel Insulation #1 (each side)	2	3302	2	3303	2	3304	2	3305	2	3306	2	3307	2	3307	2	3308	2	3309	2	3310	2	3310
15A	Tube Panel Insulation #2 (each side)	--	--	--	--	--	--	--	--	--	--	2	3302	2	3304	2	3304	2	3304	2	3304	2	3306
16	Tube Panel Washer (each side)	20	25151	24	25151	24	25151	24	25151	24	25151	34	25151	38	25151	38	25151	42	25151	46	25151	46	25151
17	Tube Panel Nut (each side)	20	25114	24	25114	24	25114	24	25114	24	25114	34	25114	38	25114	38	25114	42	25114	46	25114	46	25114
	JACKET ASSEMBLY (18-23)	1	4160	1	4161	1	4162	1	4163	1	4164	1	4165	1	4166	1	4167	1	4168	1	4169	1	4170
18	Jacket Front	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213	1	3213
19	Jacket Rear	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214	1	3214
20	Jacket Top #1	1	3280	1	3281	1	3282	1	3283	1	3284	1	3285	1	3286	1	3287	1	3288	1	3289	1	3290
20A	Jacket Top #2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	3291	1	3292	1	3293	1	3294

REPL: 7/1/97

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		L20-W		L24-W		L28-W		L32-W		L36-W		L40-W		L48-W		L56-W		L64-W		L72-W		L80-W	
ITEM NO.	DESCRIPTION	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART	QTY	PART
			NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.		NO.
21	Jacket Side #1	2	3230	2	3231	2	3232	2	3233	2	3234	2	3235	2	3237	2	3239	2	3241	2	3243	2	3245
21A	Jacket Side #2	--	--	--	--	--	--	--	--	--	--	2	3236	2	3238	2	3240	2	3242	2	3244	2	3246
21B	Jacket Side #3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	3301
22	Jacket Bolt	16	25089	16	25089	16	25089	16	25089	16	25089	24	25089	24	25089	24	25089	24	25089	24	25089	32	25089
23	Jacket Washer	16	25151	16	25151	16	25151	16	25151	16	25151	24	25151	24	25151	24	25151	24	25151	24	25151	32	25151
24	Jacket Nut	--	--	--	--	--	--	--	--	--	--	8	25112	8	25112	8	25112	8	25112	8	25112	8	25112
	JACKET INSULATION ASSY (24-27)	1	4171	1	4172	1	4173	1	4174	1	4175	1	4176	1	4177	1	4178	1	4179	1	4180	1	4181
25	Jacket Front Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
26	Jacket Rear Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
27	Jacket Side Insulation #1	2	3311	2	3312	2	3313	2	3314	2	3315	4	3316	4	3317	4	3318	4	3319	4	3320	4	3317
27A	Jacket Side Insulation #2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	3321
28	Jacket Top Insulation	1	3323	1	3324	1	3325	1	3326	1	3327	1	3328	1	3329	1	3330	1	3331	1	3332	1	3333
	REAR ACCESS DOOR ASSY. (28-32)	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182
29	Access Door	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247
30	Access Door Insulation	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373
31	Access Door Gasket	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621
32	Access Door Washer	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151
33	Access Door Nut	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114
	FORCED DRAFT BURNER ASSEMBLY	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																					
34	Forced Draft Burner Assembly																						
35	Forced Draft Burner Plug																						
36	Forced Draft Burner Gasket	7	24622	7	24622	8	24622	8	24622	9	24622	9	24622	10	24622	10	24622	11	24622	11	24622	12	24622
	WATER TRIM	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																					
37	Control Box																						
38	Relief Valve (30#, 45#, 60#, 125# Std.)																						
39	Aquastat - Operator (L45081)																						
40	Aquastat - High Limit (L4008)																						
41	Press/Temp Control (30-2400 F, 60# Std.)																						
42	Low Water Cut-Off (PS851)																						

REPL: 7/1/97

FORCED DRAFT - WATER

PAGE: L-FD-11

[illegible]

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1391-L-FD-S

PAGE: L-FD-18

FOR L-SERIES, FORCED DRAFT, STEAM BOILERS L20 THRU L80

ORDERING INSTRUCTIONS

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

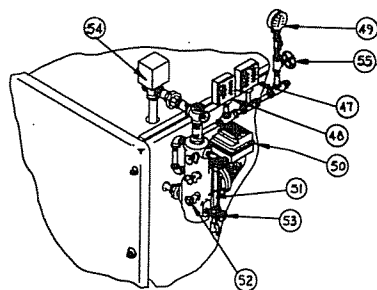
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

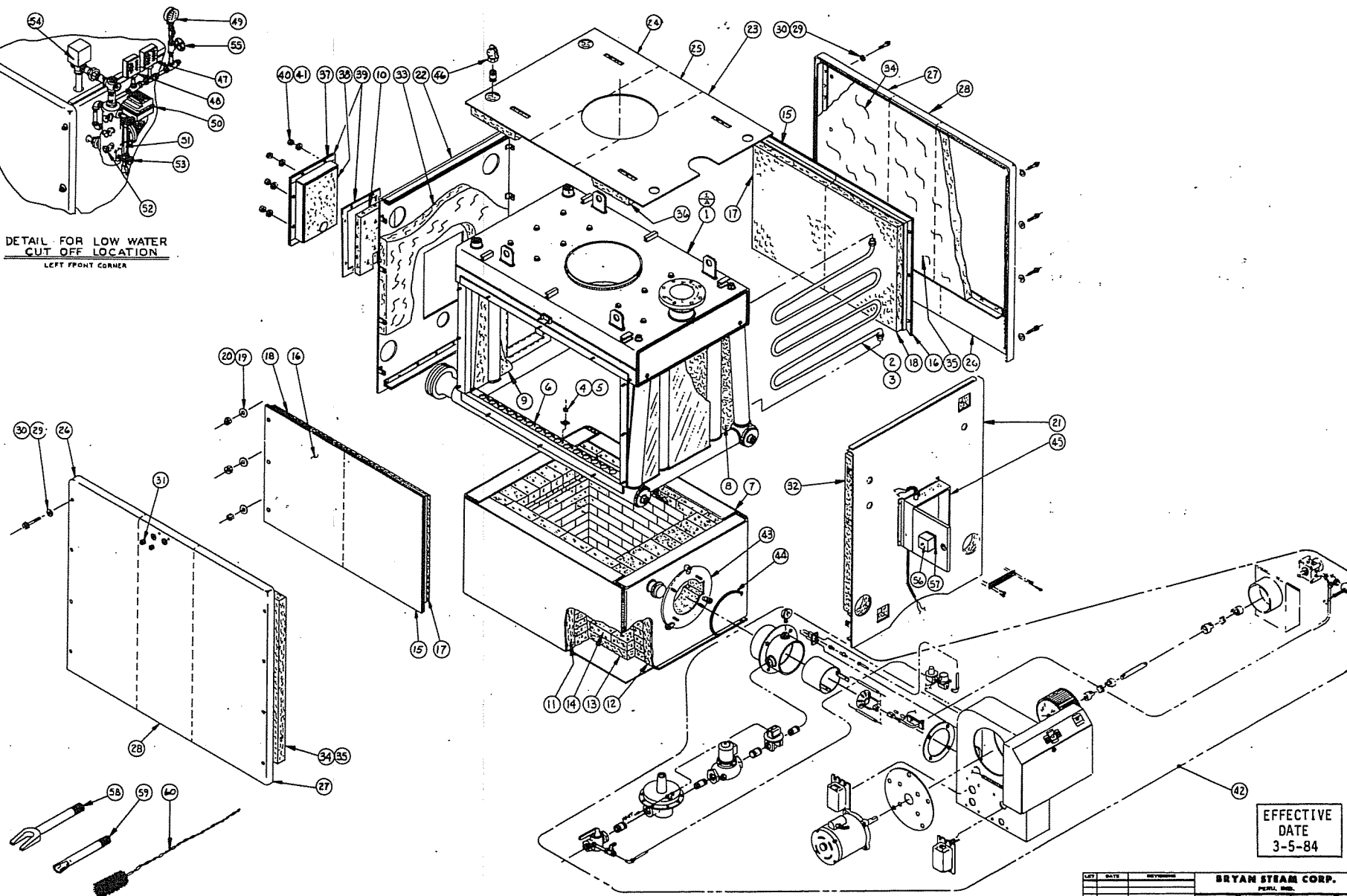
PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3201	Boiler Tubes	L28	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



DETAIL FOR LOW WATER
CUT OFF LOCATION
LEFT FRONT CORNER



EFFECTIVE
DATE
3-5-84

REV	DATE	REVISION
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BRYAN STEAM CORP.

L-SERIES STEAM, POWER
FIRED BOILERS, PARTS
LIST DRAWING.

DATE: 3-5-84
D-11258

EFF.DATE: 1/1/02

REPL.: 7/1/97

L - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 1391

PAGE: L-FD-20

ITEM NO.	DESCRIPTION	L20-S		L28-S		L36-S		L48-S		L64-S		L80-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME w/ TUBES - 15#	1	4364	1	4365	1	4366	1	4367	1	4368	1	4369
1A	BOILER FRAME w/ TUBES - 150#	1	4364.1	1	4365.1	1	4366.1	1	4367.1	1	4368.1	1	4369.1
	BOILER TUBE												
2	Boiler Tube - Right Hand	10	3201	14	3201	18	3201	24	3201	32	3201	40	3201
3	Boiler Tube - Left Hand	10	3202	14	3202	18	3202	24	3202	32	3202	40	3202
4	Tube Clamp	36	23623	52	23623	68	23623	92	23623	124	23623	156	23623
5	Tube Clamp Nut	36	25114	52	25114	68	25114	92	25114	124	25114	156	25114
6	Tube Clamp Stud	36	25187	52	25187	68	25187	92	25187	124	25187	156	25187
7	BOILER BASE ASSEMBLY (Welded Assy.)	1	4126	1	4128	1	4130	1	4132	1	4134	1	4136
	BOILER FRAME INSULATION (Complete)	1	4370	1	4370	1	4370	1	4370	1	4370	1	4370
8	Front Insulation Assembly - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
9	Rear Insulation Assembly - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
10	Rear Access Door Insulation - 1" Blanket	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528
	COMBUSTION CHAMBER ASSEMBLY (Complete)	1	4138	1	4140	1	4142	1	4144	1	4146	1	4148
11	Combustion Chamber Insulation - Side	2	3351	2	3353	2	3355	2	3357	2	3359	2	3361
12	Combustion Chamber Insulation - End	2	3350	2	3350	2	3350	2	3350	2	3350	2	3350
13	Combustion Chamber Insulation - Floor	1	3362	1	3364	1	3366	1	3368	1	3370	1	3372
14	Combustion CHamber Brick - 2000 ⁰ Firebrick	207	24542	251	24542	325	24542	400	24542	585	24542	706	24542
	TUBE PANEL ASSEMBLY	2	4149	2	4151	2	4153	2	4155	2	4157	2	4159
15	Tube Panel #1 (each side)	2	3204	2	3206	2	3208	2	3209	2	3211	2	3212
16	Tube Panel #2 (each side)	--	--	--	--	--	--	2	3206	22	3206	2	3208
17	Tube Panel Insulation #1 (each side)	2	3302	2	3304	2	3306	2	3307	2	3309	2	3310
18	Tube Panel Insulation #2 (each side)	--	--	--	--	--	--	2	3304	2	3304	2	3306
19	Tube Panel Washer (each side)	20	25151	24	25151	24	25151	38	25151	42	25151	46	25151
20	Tube Panel Nut (each side)	20	25114	24	25114	24	25114	38	25114	42	25114	46	25114
	JACKET ASSEMBLY	1	4373	1	4374	1	4375	1	4376	1	4377	1	4378
21	Jacket Front	1	3688	1	3688	1	3688	1	3688	1	3688	1	3688
22	Jacket Rear	1	3689	1	3689	1	3689	1	3689	1	3689	1	3689

REPL.: 7/1/97

FORM 1391

PAGE: L-FD-21

ITEM NO.	DESCRIPTION	L20-S		L28-S		L36-S		L48-S		L64-S		L80-S	
		QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.
23	Jacket Top #1	1	3280	1	3282	1	3284	1	3286	1	3690	1	3691
24	Jacket Top #2	--	--	--	--	--	--	--	--	1	3694	1	3695
25	Jacket Top #3	--	--	--	--	--	--	--	--	2	3692	2	3693
26	Jacket Side #1	2	3230	2	3232	2	3234	2	3237	2	3241	2	3245
27	Jacket Side #2	--	--	--	--	--	--	2	3238	2	3242	2	3246
28	Jacket Side #3	--	--	--	--	--	--	--	--	--	--	2	3301
29	Jacket Bolt	16	25089	16	25089	16	25089	24	25089	24	25089	32	25089
30	Jacket Washer	16	25151	16	25151	16	25151	24	25151	24	25151	32	25151
31	Jacket Nut	--	--	--	--	--	--	8	25112	8	25112	16	25112
	JACKET INSULATION ASSEMBLY	1	4379	1	4380	1	4381	1	4382	1	4383	1	4384
32	Jacket Front Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
33	Jacket Rear Insulation	1	3322	1	3322	1	3322	1	3322	1	3322	1	3322
34	Jacket Side Insulation #1	2	3311	2	3313	2	3315	4	3317	4	3319	4	3317
35	Jacket Side Insulation #2	--	--	--	--	--	--	--	--	--	--	2	3321
36	Jacket Top Insulation	1	3323	1	3325	1	3327	1	3329	1	3331	2	3333
	REAR ACCESS DOOR ASSEMBLY	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182
37	Access Door	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247
38	Access Door Insulation	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373
39	Access Door Gasket	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622
40	Access Door Washer	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151
41	Access Door Nut	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114
	FORCED DRAFT BURNER ASSEMBLY												
42	Forced Draft Burner	REFER TO EQUIPMENT LIST											
43	Forced Draft Burner Plug												
44	Forced Draft Burner Gasket												
		10	24622	10	24622	10	24622	10	24622	10	24622	10	24622
	STEAM TRIM AND CONTROL EQUIPMENT												
45	Control Box	REFER TO EQUIPMENT LIST											
46	Relief Valve (15# or 150# Std.)												
47	Pressuretrol Operator (L404)												

REPL.: 7/1/97

FORM 1391
PAGE: L-FD-22

ITEM NO.	DESCRIPTION	L20-S		L28-S		L36-S		L48-S		L64-S		L80-S	
		QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.	PART NO.
48	Pressuretrol - High Limit (L404)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
49	Pressure Gauge (30#, 60#, 100#, 200# or 300# Std.)												
50	Low Water Cutoff and Pump Control (157SRB)												
51	Gauge Glass (20-251-10)												
52	Try Cocks	1	28929	1	28929	1	28929	1	28929	1	28929	1	28929
53	Gauge Glass Cock	REFER TO EQUIPMENT LIST											
54	Auxiliary Low Water Cutoff (750)												
55	Pressure gauge Cock	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969
56	Flame Safeguard (R890F)	REFER TO EQUIPMENT LIST											
57	Flame Safeguard Subbase (Q270A)												
	SERVICE TOOLS												
58	Tube Puller	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
59	Tube Driver	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
60	Tube Brush	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1826-LM-G-W

PAGE: LM-ATM-23

FOR LM-SERIES, ATMOSPHERIC GAS, WATER BOILERS LM750 THRU LM1500

ORDERING INSTRUCTIONS

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

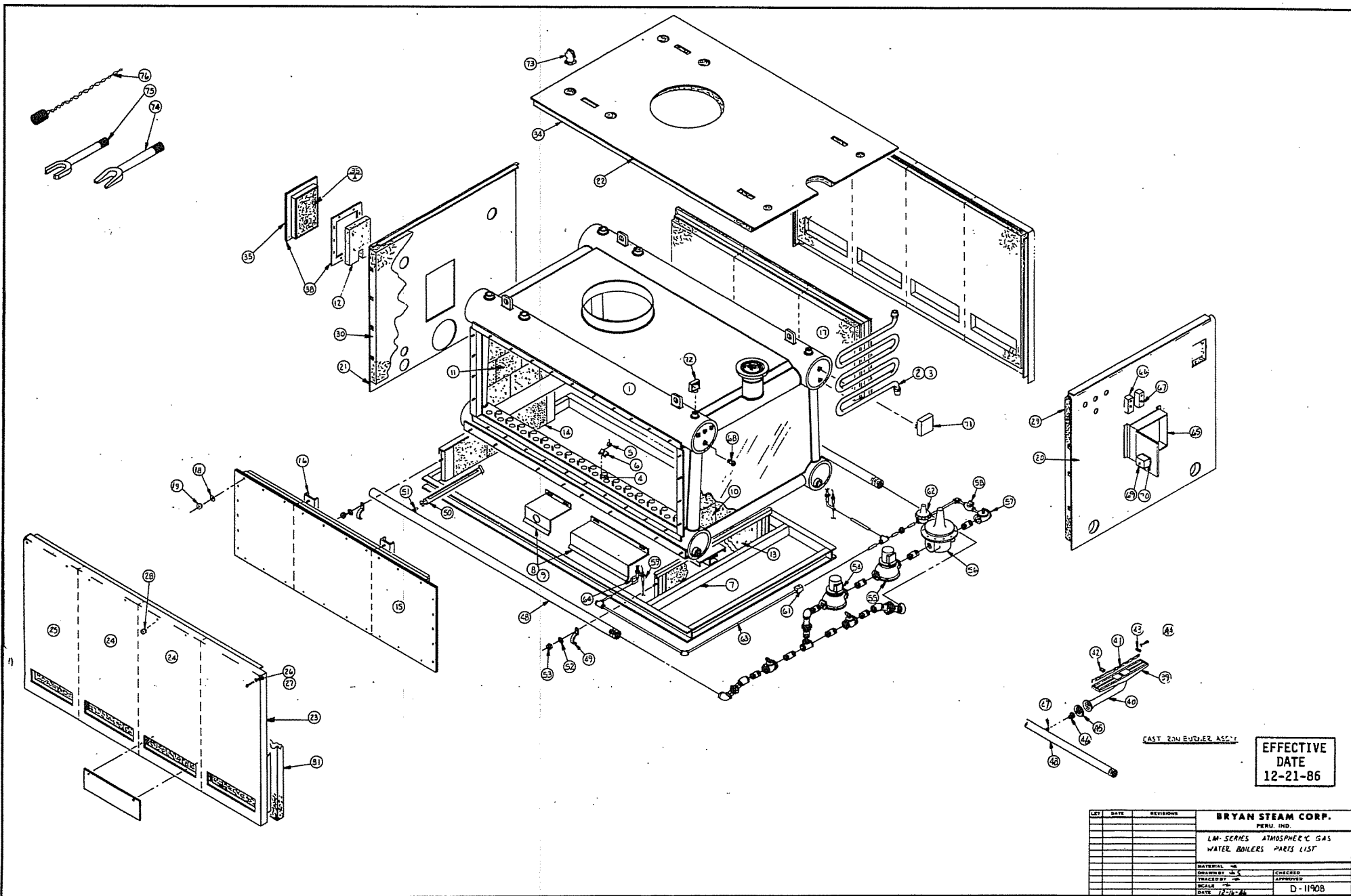
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3699	Boiler Tubes	LM750	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



EFF.DATE: 1/1/02

REPL.: 7/1/97

LM - SERIES
ATMOSPHERIC GAS - WATER
PARTS LIST

FORM 1826

PAGE: LM-ATM-25

ITEM NO.	DESCRIPTION	LM750-W		LM900-W		LM1050-W		LM1200-W		LM1350-W		LM1500-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSEMBLY w/TUBES	1	4411	1	4412	1	4413	1	4414	1	4415	1	4415
	BOILER TUBE												
2	Boiler Tube - Long	68	3699	82	3699	96	3699	110	3699	124	3699	138	3699
3	Boiler Tube - Short	68	3698	82	3698	96	3698	110	3698	124	3698	138	3698
4	Boiler Tube Stud	136	25187	164	25187	192	25187	220	25187	248	25187	276	25187
5	Boiler Tube Clamp	136	25114	164	25114	192	25114	220	25114	248	25114	276	25114
6	Boiler Tube Nut	136	23623	164	23623	192	23623	220	23623	248	23623	276	23623
7	BOILER BASE ASSEMBLY	1	4497	1	4498	1	4499	1	4500	1	4501	1	4502
8	Cast Iron Burner Baffles (Complete)	1	4568	1	4569	1	4570	1	4571	1	4572	1	4573
9	Stainless Steel Burner Baffles (Complete)	1	4575	1	4576	1	4577	1	4578	1	4579	1	4580
	BOILER FRAME INSULATION ASSEMBLY	1	4469	1	4470	1	4471	1	4472	1	4473	1	4474
10	Front Insulation - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
11	Rear Insulation - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
12	Rear Access Door Insulation - 1-1/2" Blanket Sq. Ft.	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528
	BASE ASSEMBLY INSULATION												
13	Front Insulation - 2000 ⁰ Firebrick	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
14	Rear Insulation - 2000 ⁰ Firebrick	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
	TUBE PANEL ASSEMBLY (15-19)	1	4441	1	4442	1	4443	1	4444	1	4445	1	4446
15	Tube Panel	4	3719	4	3720	6	3721	6	3722	6	3723	8	3724
16	Tube Panel Stanchion	2	3775	2	3775	4	3775	4	3775	4	3775	6	3775
17	Tube Panel Insulation	4	3726	4	3727	6	3728	6	3729	6	3730	8	3731
18	Tube Panel Washer	42	38052	46	38052	56	38052	56	38052	60	38052	68	38052
19	Tube Panel Nut	42	25114	46	25114	56	25114	56	25114	60	25114	68	25114
	JACKET ASSEMBLY (20-28)	1	4448	1	4449	1	4450	1	4451	1	4452	1	4453
20	Jacket Front	1	3732	1	3732	1	3732	1	3732	1	3732	1	3732
21	Jacket Rear	1	3733	1	3733	1	3733	1	3733	1	3733	1	3733
22	Jacket Top	1	3735.1	1	3736.1	1	3737.4	1	3738.1	1	3739.1	1	3740
23	Jacket Side #1	1	3742	1	3743	1	3744	1	3745	1	3746	1	3747

REPL.: 7/1/97

ATMOSPHERIC GAS - WATER

PAGE: LM-ATM-26

[illegible]

REPL.: 7/1/97

ATMOSPHERIC GAS - WATER

PAGE: LM-ATM-27

ITEM NO.	DESCRIPTION	LM750-W		LM900-W		LM1050-W		LM1200-W		LM1350-W		LM1500-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	GAS BURNER ASSY. (w/ S.S. BURNERS)												
50	Stainless Steel Burners	122	27429	148	27429	172	27429	198	27429	224	27429	248	27429
51	Burner Orifices (Specify Gas Type)	122	27501	148	27501	172	27501	198	27501	224	27501	248	27501
48	Manifold	2	34002	2	34003	2	34004	2	34005	2	34006	2	34007
49	Manifold brackets	4	11152	4	11152	4	11152	4	11152	4	11152	4	11152
52	Manifold Stud Washers	4	25151	4	25151	4	25151	4	25151	4	25151	4	25151
53	Manifold Stud Nuts	4	25114	4	25114	4	25114	4	25114	4	25114	4	25114
	CONTROLS												
54	Main Gas Valve (V4055)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
55	Auxiliary Gas Valve (8515)												
56	Main GAs Pressure Regulator (RV110)												
57	Main Gas Shutoff Cick (611)												
58	Pilot Shutoff Cock												
59	Pilot Burner (Primary) (Q179A)												
60	Pilot Burner (Smoothing) (J843)												
61	Pilot Safety Control w/ Thermocouple (H17BA)												
62	Pilot Gas Pressure Regulator (RV20L)												
63	Pilot Tubing	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615
64	Pilot Bracket	4	32465	4	32465	4	32465	6	32465	6	32465	6	32465
	CONTROL EQUIPMENT & WATER TRIM												
65	Control Panel	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
66	Aquastat - Hi-Limit (L4008A)												
67	Aquastat - Operator (L4008A)												
68	Aquastat Well												
69	Combustion Safety Relay (RA890F)												
70	Combustion Safety Relay Subbase (Q270A)												
71	Low Water Cutoff (PS851)												
72	Pressure/Temperature Gauge (30-2400 F-60#Std.)												
73	Pressure Relief Valves (30#, 45# or 125# Std.)												
	SERVICE TOOLS												
74	Tube Puller	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
75	Tube Driver	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
76	Tube Brush	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1443-LM-G-S

PAGE: LM-ATM-28

FOR LM-SERIES, ATMOSPHERIC GAS, STEAM BOILERS LM750 THRU LM1500

ORDERING INSTRUCTIONS

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

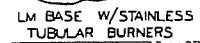
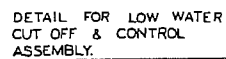
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3698	Boiler Tubes	LM900	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



EFFECTIVE
DATE
11-2-78

LET	DATE	REVISIONS	BRYAN STEAM CORP. PERU, IND	
			PARTS LIST FOR LM-SERIES ATMOSPHERIC GAS, STEAM BOWLERS	
			NATURAL	
			DRAWN BY S. J. B. J. M.	CHECKED
			TRACED BY	APPROVED
			SCALE 3/4" = 1"	
			DATE 11-2-54	11-2-54

EFF.DATE: 1/1/02

REPL.: 7/1/97

LM - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST

FORM 1443

PAGE: LM-ATM-30

ITEM NO.	DESCRIPTION	LM750-S		LM900-S		LM1050-S		LM1200-S		LM1350-S		LM1500-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSEMBLY w/TUBES 15#	1	4462.2	1	4463.2	1	4464.2	1	4465.2	1	4466.2	1	4467.2
	BOILER FRAME ASSEMBLY w/TUBES 150#	1	4462.3	1	4463.3	1	4464.3	1	4465.3	1	4466.3	1	4467.3
	BOILER TUBE ASSEMBLY												
2	Boiler Tube - Long	66	3699	80	3699	94	3699	108	3699	122	3699	136	3699
3	Boiler Tube - Short	66	3698	80	3698	94	3698	108	3698	122	3698	136	3698
4	Tube Clamp Stud	132	25187	160	25187	188	25187	216	25187	244	25187	272	25187
5	Tube Clamp Nut	132	25114	160	25114	188	25114	216	25114	244	25114	272	25114
6	Tube Clamp	132	23623	160	23623	188	23623	216	23623	244	23623	272	23623
7	BOILER BASE ASSEMBLY	1	4497	1	4498	1	4499	1	4500	1	4501	1	4502
8	Cast Iron Burner Baffles (Complete)	1	4568	1	4569	1	4570	1	4571	1	4572	1	4573
9	Tubular Steel Burner Baffles (Complete)	1	4575	1	4576	1	4577	1	4578	1	4579	1	4580
	BOILER FRAME INSULATION ASSEMBLY	1	4469	1	4470	1	4471	1	4472	1	4473	1	4474
10	Front Insulation - 20000 Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
11	Rear Insulation - 20000 Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
	BASE ASSEMBLY INSULATION												
13	Front Insulation - 2000 ⁰ Firebrick	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
14	Rear Insulation - 2000 ⁰ Firebrick	2	24530	2	24530	2	24530	2	24530	2	24530	2	24530
	TUBE PANEL ASSEMBLY (15-19)	1	4476	1	4477	1	4478	1	4479	1	4480	1	4481
15	Tube Panel	4	3780	4	3781	6	3782	6	3783	6	3784	8	3785
16	Tube Panel Stanchion	2	3775	2	3775	4	3775	4	3775	4	3775	6	3775
17	Tube Panel Insulation	4	3787	4	3788	6	3789	6	3790	6	3791	8	3792
18	Tube Panel Washer	42	38052	46	38052	56	38052	56	38052	60	38052	68	38052
19	Tube Panel Nut	42	25114	46	25114	56	25114	56	25114	60	25114	68	25114
	JACKET ASSEMBLY (20-28)	1	4483	1	4484	1	4485	1	4486	1	4487	1	4488
20	Jacket Front	1	3793	1	3793	1	3793	1	3793	1	3793	1	3793
21	Jacket Rear	1	3794	1	3794	1	3794	1	3794	1	3794	1	3794
22	Jacket Top	1	3796	1	3797	1	3798	1	3799	1	3800	1	3801
23	Jacket Side #1	1	3848	1	3848	1	3848	1	3848	1	3848	1	3848

EFF.DATE: 1/1/02

REPL.: 7/1/97

LM - SERIES
ATMOSPHERIC GAS - STEAM
PARTS LIST

FORM 1443

PAGE: LM-ATM-31

ITEM NO.	DESCRIPTION	LM750-S		LM900-S		LM1050-S		LM1200-S		LM1350-S		LM1500-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
24	Jacket Side #2	--	--	1	3849	1	3850	1	3851	2	3852	3	3853
25	Jacket Side #3	1	3855	1	3855	1	3855	1	3855	1	3855	1	3855
26	Jacket Bolt	28	25089	36	25089	36	25089	36	25089	54	25089	62	25089
27	Jacket Washer	28	25151	36	25151	36	25151	36	25151	54	25151	62	25151
28	Jacket Nut	--	--	8	25112	8	25112	8	25112	16	25112	24	25112
	JACKET INSULATION ASSEMBLY												
29	Jacket Front Insulation	1	3821	1	3821	1	3821	1	3821	1	3821	1	3821
30	Jacket Rear Insulation	1	3822	1	3822	1	3822	1	3822	1	3822	1	3822
31	Jacket Side Insulation #1	2	3841	2	3841	2	3841	2	3841	2	3841	2	3841
32	Jacket Side Insulation #2	--	--	1	3842	1	3843	1	3844	1	3845	1	2
33	Jacket Top Insulation	1	3831	1	3832	1	3833	1	3834	1	3835	1	3836
	REAR ACCESS DOOR ASSEMBLY (12, 34-37)	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182
12	Rear Access Door Insulation 1-1/2" Blanket Sq. Ft.	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528
34	Access Door	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247
34A	Access Door Insulation	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373
35	Access Door Washer	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151
36	Access Door Nut	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114
37	Access Door Gasket	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622
	GAS BURNER ASSY (w/ Cast Iron Burners)												
38	Burner Head	NOT AVAILABLE											
39	Stainless Steel Ribbon Assy. (3/Head)	NOT AVAILABLE											
40	Ribbon Retainer Clip (1/Head)	NOT AVAILABLE											
41	Ribbon Retainer Angle (2/Head)	NOT AVAILABLE											
42	Ribbon Retaining Screws	NOT AVAILABLE											
43	Burner Mixing Tube	NOT AVAILABLE											
44	Air Adjustment Shutter (LP & Mfr. Gas Only)	NOT AVAILABLE											
45	Manifold Spud Adapter	NOT AVAILABLE											
46	Burner Orifice Spud (Specify Gas Type)	48	27489	58	27489	66	27489	78	27489	88	27489	98	27489
47	Manifold	2	34011	2	34012	2	34013	2	34014	2	34015	2	34016
48	Manifold Brackets	4	11152	4	11152	4	11152	4	11152	4	11152	4	11152
	GAS BURNER ASSY. (w/S.S Burners)												
49	Stainless Steel Burners	122	27429	148	27429	172	27429	198	27429	224	27429	248	27429
50	Burner Orifices (Specify Gas Type)	122	27501	148	27501	172	27501	198	27501	224	27501	248	27501

REPL.: 7/1/97

ATMOSPHERIC GAS - STEAM

PAGE: LM-ATM-32

ITEM NO.	DESCRIPTION	LM750-S		LM900-S		LM1050-S		LM1200-S		LM1350-S		LM1500-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
51	Manifold	2	34002	2	34003	2	34004	2	34005	2	34006	2	34007
52	Manifold Brackets	4	11152	4	11152	4	11152	4	11152	4	11152	4	11152
53	Manifold Stud Washers	4	25151	4	25151	4	25151	4	25151	4	25151	4	25151
54	Manifold Stud Nuts	4	25114	4	25114	4	25114	4	25114	4	25114	4	25114
55	GAS TRAIN ASSEMBLY	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
56	Main Gas Valve (V4055)												
57	Auxiliary Gas Valve (8515)												
58	Main Gas Pressure Regulator (611)												
59	Main Gas Shutoff Cock (611)												
60	Pilot Shutoff Cock												
61	Pilot Burner (Primary) (Q119A)												
62	Pilot Burner (Smoothing) (J843)												
63	Pilot Safety Control w/ Thermocouple (H11BA)												
64	Pilot Gas Pressure Regulator (RV20L)												
65	Pilot Tubing	1	10615	1	10615	1	10615	1	10615	1	10615	1	10615
66	Pilot Bracket	4	32465	4	32465	4	32465	4	32465	4	32465	4	32465
	STEAM TRIM AND CONTROL EQUIPMENT	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS											
67	Control Panel												
68	Gauge Glass (25-251-10)												
69	Gauge Glass Cock												
70	Relief Valve (15# or 150# Std.)												
71	Low Water Cutoff and Pump Control (157SRB)												
72	Auxiliary Low Water Cutoff (750)												
73	Pressuretrol - Hi-Limit (L404)												
74	Pressuretrol - Operator (L404)												
75	Pressure Gauge (30#, 60#, 100#, 200#, 300# Std.)												
76	Pressure Gauge Cocks	1	26699	1	26699	1	26699	1	26699	1	26699	1	26699
77	Tri-Cocks	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969
78	Flame Safeguard (RA890F)	REFER TO EQUIPMENT LIST											
79	Flame Safeguard Subbase (Q270A)												
	SERVICE TOOLS												
80	Tube Puller												
81	Tube Driver												
82	Tube Brush												

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1379-LM-FD-W

PAGE: LM-FD-33

FOR LM-SERIES, FORCED DRAFT, WATER BOILERS LM650 THRU LM1500

ORDERING INSTRUCTIONS

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

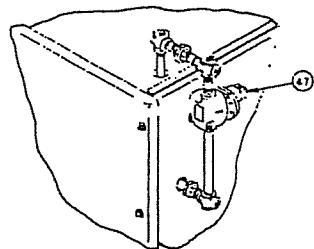
- | | |
|---|--------------------------|
| 1. QUANTITY OF ITEMS REQUIRED | 4. BOILER MODEL NUMBER |
| 2. PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. BOILER SERIAL NUMBER |
| 3. DESCRIPTION OF PART | 6. SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

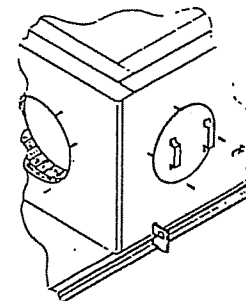
QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3699	Boiler Tubes	LM650	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>

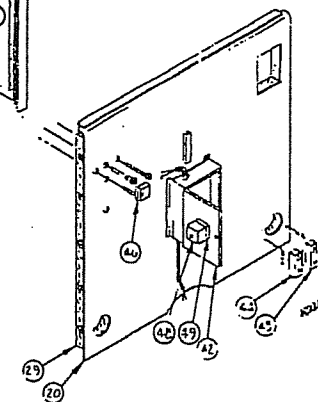


DETAIL, FOR LOW WATER
CUT-OFF LOCATION
LEFT FRONT CORNER

COMBUSTION CHAMBER ACCESS DOOR



EFFECTIVE
DATE
12-13-77



TYPICAL GAS TRAIN
(SEE DEFRACTION FOR DETAILS)

BRYAN STEAM CORP.			
PARTS LIST			
LM-SERIES WATER FORCED			
DRAFT PARTS LIST DWG.			
REV.	DATE	BY	CHKD.
1	12-13-77		
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LM-SERIES
FORCED DRAFT - WATER
PARTS LIST

ITEM NO.	DESCRIPTION	LM650-W		LM750-W		LM900-W		LM1050-W		LM1200-W		LM1350-W		LM1500-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSY. w/ TUBES (Welded Assy)	1	4410	1	4411	1	4412	1	4413	1	4414	1	4415	1	4416
	BOILER TUBE ASEMBLY														
2	Boiler Tube - Long	60	3699	68	3699	82	3699	96	3699	110	3699	124	3699	138	3699
3	Boiler Tube - Short	60	3698	68	3698	82	3698	96	3698	110	3698	124	3698	138	3698
4	Tube Clamp Stud	120	25187	136	25187	164	25187	192	25187	220	25187	248	25187	276	25187
5	Tube Clamp Nut	120	25114	136	25114	164	25114	192	25114	220	25114	248	25114	276	25114
6	Tube Clamp	120	23623	136	23623	164	23623	192	23623	220	23623	248	23623	276	23623
7	BOILER BASE ASSEMBLY - Welded Assembly	1	4424	1	4425	1	4426	1	4427	1	4428	1	4429	1	4430
	BOILER FRAME INSULATION (8-9)	1	4432	1	4432	1	4432	1	4432	1	4432	1	4432	1	4432
8	Front Insulation - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
9	Rear insulation - 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
	COMBUSTION CHAMBER ASSEMBLY (11-14)	1	4433	1	4434	1	4435	1	4436	1	4437	1	4438	1	4439
11	Combustion Chamber Insulation - Side	2	3702	2	3703	2	3704	2	3705	2	3706	2	3707	2	3708
12	Combustion Chamber Insulation - End	2	3709	2	3709	2	3709	2	3709	2	3709	2	3709	2	3709
13	Combustion Chamber Insulation - Floor	1	3711	1	3712	1	3713	1	3714	1	3715	1	3716	1	3717
14	Combustion Chamber Insulation - 2600 ⁰ Firebrick	900	24542	960	24542	1060	24542	1167	24542	1268	24542	1372	24542	1475	24542
	TUBE PANEL ASSEMBLY (15-19)	1	4440	1	4441	1	4442	1	4443	1	4444	1	4445	1	4446
15	Tube Panel	4	3718	4	3719	4	3720	6	3721	6	3722	6	3723	8	3724
16	Tube Panel Stanchion	2	3775	2	3775	2	3775	4	3775	4	3775	4	3775	6	3775
17	Tube Panel Insulation	4	3725	4	3726	4	3727	6	3728	6	3729	6	3730	8	3731
18	Tube Panel Washer	42	25151	42	25151	46	25151	56	25151	56	25151	60	25151	68	25151
19	Tube Panel Nut	42	25114	42	25114	46	25114	56	25114	56	25114	60	25114	68	25114
	JACKET ASSEMBLY														
20	Jacket Front	1	3732	1	3732	1	3732	1	3732	1	3732	1	3732	1	3732
21	Jacket Rear	1	3733	1	3733	1	3733	1	3733	1	3733	1	3733	1	3733
22	Jacket Top	1	3734	1	3735	1	3736	1	3737	1	3738	1	3739	1	3740
23	Jacket Side No. 1	2	3741	2	3742	2	3743	2	3744	2	3745	2	3746	2	3747
24	Jacket Side No. 2	2	3748	1	3749	1	3750	2	3751	2	3752	2	3753	2	3754
25	Jacket Side No. 3	--	--	--	--	1	3755	2	3756	2	3757	4	3758	6	3759
26	Jacket Bolt	28	25089	28	25089	36	25089	36	25089	36	25089	54	25089	62	25089
27	Jacket Washer	28	25151	28	25151	36	25151	36	25151	36	25151	54	25151	62	25151
28	Jacket Nut	--	--	--	--	8	25112	8	25112	8	25112	16	25112	24	25112

REPL: 7/1/97

FORCED DRAFT - WATER

PAGE: LM-FD-36

[illegible]

EFF. DATE 1/1/02

REPL. 9/1/88

ILLUSTRATED PARTS LIST

FORM 1454-LM-FD-S

PAGE: LM-FD-37

FOR LM-SERIES, FORCED DRAFT, STEAM BOILERS LM650 THRU LM1500

ORDERING INSTRUCTIONS

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

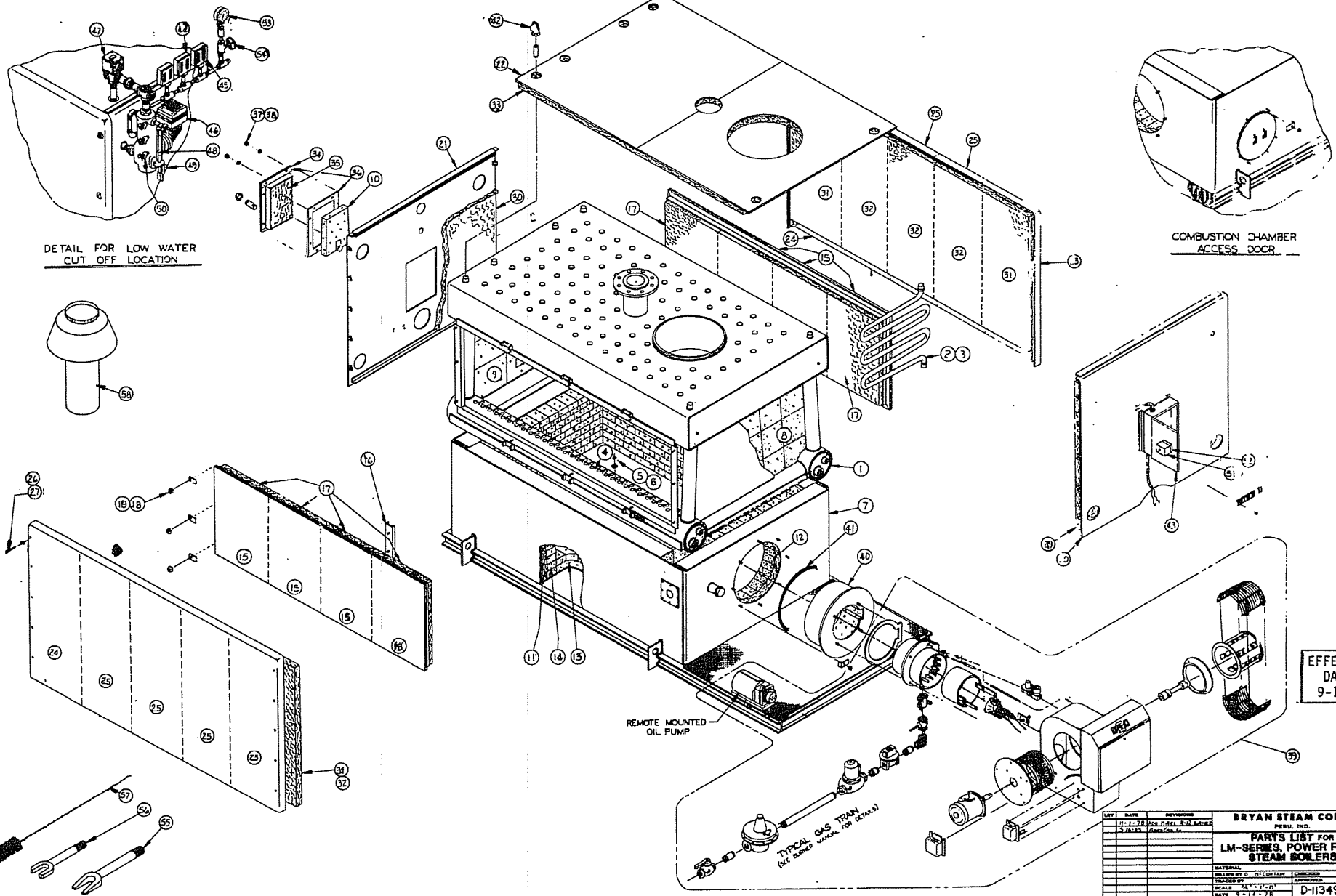
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	3698	Boiler Tubes	LM1200	12345	Freight Truck

BRYAN BOILERS
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: bryanboilers@iquest.net * INTERNET: <http://www.bryanboilers.com>



EFFECTIVE
DATE
9-14-78

BRYAN STEAM CORP.			
PARTS LIST FOR			
LM-SERIES, POWER FIRED,			
STEAM BOILERS			
MATERIAL	QUANTITY	DESCRIPTION	REVISION
DESIGNED BY			
DRAWN BY			
CHECKED BY			
DATE	9-14-78		D-11349

EFF.DATE: 1/1/02

REPL.: 7/1/97

LM - SERIES
FORCED DRAFT - STEAM
PARTS LIST

FORM 1454

PAGE: LM-FD-39

ITEM NO.	DESCRIPTION	LM650-S		LM750-S		LM900-S		LM1050-S		LM1200-S		LM1350-S		LM1500-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME - Welded Assy w/ TUBES 15#	1	4461.2	1	4462.2	1	4463.2	1	4464.2	1	4465.2	1	4466.2	1	4467.2
	BOILER FRAME - Welded Assy w/ TUBES 150#	2	4461.3	2	4462.3	2	4463.3	2	4464.3	2	4465.3	2	4466.3	2	4467.3
	BOILER TUBE ASSEMBLY														
2	Boiler Tube - Long	58	3699	66	3699	80	3699	94	3699	108	3699	122	3699	136	3699
3	Boiler Tube - Short	58	3698	66	3698	80	3698	94	3698	108	3698	122	3698	136	3698
4	Tube Clamp Stud	116	25187	132	25187	160	25187	188	25187	216	25187	244	25187	272	25187
5	Tube Clamp Nut	116	25114	132	25114	160	25114	188	25114	216	25114	244	25114	272	25114
6	Tube Clamp	116	23623	132	23623	160	23623	188	23623	216	23623	244	23623	272	23623
7	BOILER BASE ASSEMBLY - Welded Assy.	1	4424	1	4425	1	4426	1	4427	1	4428	1	4429	1	4430
	BOILER FRAME INSULATION	1	4468	1	4469	1	4470	1	4471	1	4472	1	4473	1	4474
8	Front Insulation 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
9	Rear Insulation 2000 ⁰ Firebrick	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530	6	24530
	COMBUSTION CHAMBER ASSEMBLY (11-14)	1	4433	1	4434	1	4435	1	4436	1	4437	1	4438	1	4439
11	Combustion Chamber Insulation - Side	2	3702	2	3703	2	3704	2	3705	2	3706	2	3707	2	3708
12	Combustion Chamber Insulation - End	2	3709	2	3709	2	3709	2	3709	2	3710	2	3710	2	3710
13	Combustion Chamber Insulation - Floor	1	3711	1	3712	1	3713	1	3714	1	3715	1	3716	1	3717
14	Combustion Chamber Insulation 2600 ⁰ Firebrick	900	24542	960	24542	1060	24542	1167	24542	1268	24542	1372	24542	1475	24542
	TUBE PANEL ASSEMBLY (15-19)	1	4475	1	4476	1	4477	1	4478	1	4479	1	4480	1	4481
15	Tube Panel	4	3779	4	3780	4	3781	4	3782	4	3783	4	3784	4	3785
16	Tube Panel Stanchion	2	3775	2	3775	2	3775	2	3775	2	3775	2	3775	2	3775
17	Tube Panel Insulation	4	3786	4	3787	4	3788	4	3789	4	3790	4	3791	4	3792
18	Tube Panel Washer	42	25151	42	25151	46	25151	56	25151	56	25151	60	25151	68	25151
19	Tube Panel Nut	42	25114	42	25114	46	25114	56	25114	56	25114	60	25114	68	25114
	JACKET ASSEMBLY (20-28)	1	4482	1	4483	1	4484	1	4485	1	4486	1	4487	1	4488
20	Jacket Front	1	3793	1	3793	1	3793	1	3793	1	3793	1	3793	1	3793
21	Jacket Rear	1	3794	1	3794	1	3794	1	3794	1	3794	1	3794	1	3794
22	Jacket Top	1	3795	1	3796	1	3797	1	3798	1	3799	1	3800	1	3801

REPL.: 7/1/97

FORM 1454

PAGE: LM-FD-40

ITEM NO.	DESCRIPTION	LM650-S		LM750-S		LM900-S		LM1050-S		LM1200-S		LM1350-S		LM1500-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
23	Jacket Side #1	2	3802	2	3803	2	3804	2	3805	2	3806	2	3807	2	3808
24	Jacket Side #2	2	3809	2	3810	2	3811	2	3812	2	3813	2	3814	2	3815
25	Jacket Side #3	--	--	--	--	2	3816	2	3817	2	3818	4	3819	6	3820
26	Jacket Bolt	28	25089	28	25089	36	25089	36	25089	36	25089	54	25089	62	25089
27	Jacket Washer	28	25151	28	25151	36	25151	36	25151	36	25151	54	25151	62	25151
28	Jacket Nut	--	--	--	--	8	25112	8	25112	8	25112	16	25112	24	25112
	JACKET INSULATION ASSEMBLY (29-33)	1	4489	1	4490	1	4491	1	4492	1	4493	1	4494	1	4495
29	Jacket Front Insulation	1	3821	1	3821	1	3821	1	3821	1	3821	1	3821	1	3821
30	Jacket Rear Insulation	1	3822	1	3822	1	3822	1	3822	1	3822	1	3822	1	3822
31	Jacket Side Insulation #1	4	3823	4	3824	4	3824	4	3824	4	3824	4	3824	4	3824
32	Jacket Side Insulation #2	--	--	--	--	1	3825	1	3826	1	3827	4	3828	4	3829
33	Jacket Top Insulation	1	3830	1	3831	1	3832	1	3833	1	3834	1	3835	1	3836
	REAR ACCESS DOOR ASSEMBLY (10, 34-38)	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182	1	4182
10	Rear Access Door Insulation 1" Blanket Sq. Ft.	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528	2	24528
34	Access Door	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247	1	3247
35	Access Door Insulation	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373	1	3373
36	Access Door Gasket Ft.	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622	5	24622
37	access Door Washer	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151	8	25151
38	Access Door Nut	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114
	FORCED DRAFT BURNER ASSEMBLY														
39	Forced Draft Burner	REFER TO EQUIPMENT LIST													
40	Forced Draft Burner Plug														
41	Forced Draft burner Gasket														
		10	24622	11	24622	11	24622	12	24622	12	24622	13	24622	13	24622
	STEAM TRIM AND CONTROL EQUIPMENT														
42	Relief Valve (15# or 150# Std.)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS													
43	Control Box														
44	Presssuretrol - Operator (L404)														
45	Presssuretrol - High Limit (L404)														
46	Low Water Cutoff and Pump Control (157SRB)														
47	Auxiliary Low Water Cutoff (250)														
48	Gauge Glass (25-251-10)														

REPL.: 7/1/97

PAGE: LM-FD-41

ITEM NO.	DESCRIPTION	LM650-S		LM750-S		LM900-S		LM1050-S		LM1200-S		LM1350-S		LM1500-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
49	Gauge Glass Cock	REFER TO EQUIPMENT LIST													
50	Try Cocks - 1/2"	1	28929	1	28929	1	28929	1	28929	1	28929	1	28929	1	28929
51	Flame Safeguard (RA841F)	REFER TO EQUIPMENT LIST													
52	Flame Safeguard Subbase (Q270A)														
53	Pressure Gauge (30#, 60#, 100#, 200# & 300# Std.)														
54	Pressure Gauge Cock	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969	1	28969
		REFER TO EQUIPMENT LIST													
	SERVICE TOOLS														
55	Tube Puller	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
56	Tube Driver	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
57	Tube Brush	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917
		REFER TO EQUIPMENT LIST													
	DRAFT CONTROL														
58	Draft Diverter	REFER TO EQUIPMENT LIST													

EFF. DATE 1/1/02

REPL. 7/1/98

ILLUSTRATED PARTS LIST

FORM 1757-RV-FD-W

Page: RV-1

FOR RV- SERIES, FORCED DRAFT, WATER BOILERS MODELS RV200 THRU RV800

ORDERING INSTRUCTIONS

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

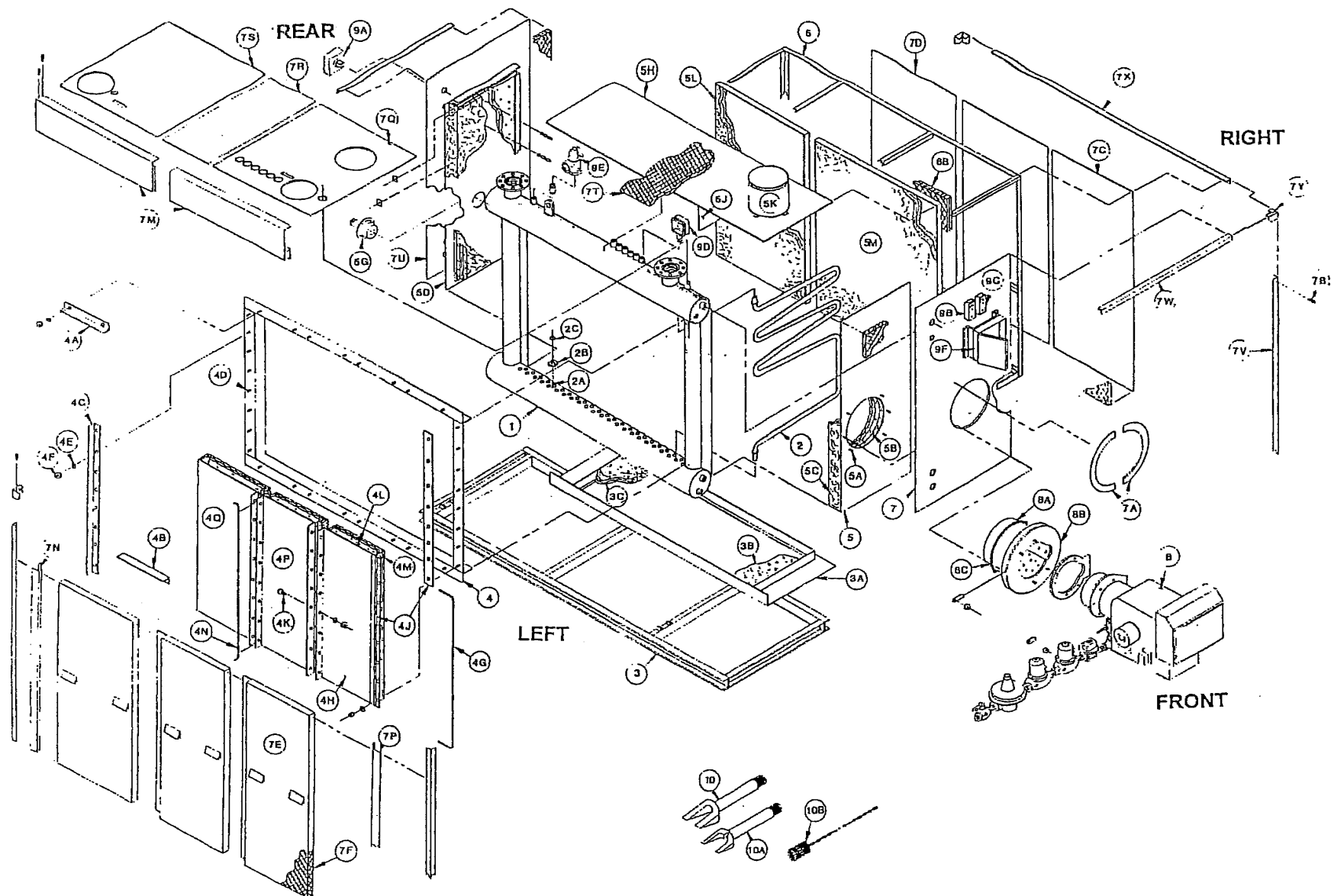
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	38100	Boiler Tubes	RV550	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



REVISION		BRYAN STEAM	
APPROVED BY	DATE	783 North Chili Avenue Peru, IN 46970	
DESIGNED BY	DATE	RV SERIES - WATER BOILERS	
ASSEMBLED BY	DATE	ASSEMBLY EXPLODED VIEW	
DRAWN BY	DATE	SCALE	REV. NO.
JB	11/14/84	NONE	FS D-11809

REPL: 7/1/98

FORCED DRAFT - WATER

PAGE: RV - 3

ITEM	DESCRIPTION	RV200-W		RV250-W		RV300-W		RV350-W		RV400-W		RV450-W		RV500-W		RV550-W		RV600-W		RV700-W		RV800-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSY. (w/ Tubes)	1	42601	1	42602	1	42603	1	42604	1	42605	1	42606	1	42607	1	42608	1	42609	1	42611	1	42613
	BOILER TUBE ASSEMBLY																						
2	"A" Outside Tubes	14	38100	17	38100	21	38100	24	38100	28	38100	31	38100	34	38100	38	38100	41	38100	48	38100	55	38100
	"B" Inside Tubes	13	38101	16	38101	20	38101	23	38101	27	38101	30	38101	33	38101	37	38101	40	38101	47	38101	54	38101
2A	Tube Studs, 3/8" - 16x2-3/8"	26	25187	32	25187	40	25187	46	25187	54	25187	60	25187	66	25187	74	25187	80	25187	94	25187	108	25187
2B	Tube Clamps	26	23623	32	23623	40	23623	46	23623	54	23623	60	23623	66	23623	74	23623	80	23623	94	23623	108	23623
2C	Tube Nuts, 3/8" - 16	26	25114	32	25114	40	25114	46	25114	54	25114	60	25114	66	25114	74	25114	80	25114	94	25114	108	25114
3	BOILER BASE ASSEMBLY	1	42825	1	42826	1	42827	1	42828	1	42829	1	42830	1	42831	1	42832	1	42833	1	42835	1	42837
3A	Boiler Floor Pan Assembly	1	38412	1	38413	1	38414	1	38415	1	38416	1	38417	1	38418	1	38419	1	38420	1	38422	1	38424
3B	Floor Pan Refr. (Castable) (50#Bags)	1	24555	1	24555	1	24555	1	24555	1	24555	1	24555	1	24555	1	24555	1	24555	1	24555	1	24555
3C	Floor Pan Insul. (Min. Fib.), 2-1/2", (pcs)	3	24507	3	24507	4	24507	5	24507	5	24507	6	24507	7	24507	7	24507	8	24507	9	24507	11	24507
	TUBE ACCESS PANEL ASSEMBLY																						
4	Tube Access Panel Frame	1	38427	1	38428	1	38429	1	38430	1	38431	1	38432	1	38433	1	38434	1	38435	1	38437	1	38439
4A	Panel Clamp	4	38458	2	38458	6	38458	4	38458	8	38458	6	38458	10	38458	8	38458	12	38458	14	38458	16	38458
4B	Panel Clamp, Intermediate	--	--	2	38459	--	--	2	38459	--	--	2	38459	--	--	2	38459	--	--	--	--	--	--
4C	Vertical Panel Clamp, End	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460
4D	Panel Weld Stud - 3/8"-16x1-3/8"	24	25184	24	25184	28	25184	28	25184	32	25184	32	25184	36	25184	36	25184	40	25184	44	25184	48	25184
4E	Panel Washers - 3/8"	24	25151	24	25151	28	25151	28	25151	32	25151	32	25151	36	25151	36	25151	40	25151	44	25151	48	25151
4F	Panel Nuts - 3/8"-16	24	25114	24	25114	28	25114	28	25114	32	25114	32	25114	36	25114	36	25114	40	25114	44	25114	48	25114
4G	Rope Gasket (Ft.)	21	24621	22	24621	24	24621	26	24621	28	24621	30	24621	31	24621	34	24621	35	24621	39	24621	43	24621
	FRONT (HINGED) PANEL ASSEMBLY																						
4H	Panel w/ Hinge	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242
4J	Hinge and Shim	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208
4K	Bolts - 3/8"-16x1"	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024
	Washers - 3/8"	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151
4L	FRONT PANEL INSULATION	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248
4N	Rope Gasket (Ft.)	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621

EFF. DATE: 01/01/02

REPL: 7/1/98

RV - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1757

PAGE: RV - 4

I T E M	DESCRIPTION	RV200-W		RV250-W		RV300-W		RV350-W		RV400-W		RV450-W		RV500-W		RV550-W		RV600-W		RV700-W		RV800-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.
4P	CENTER PANEL ASSEMBLY																						
	Panel	--	--	--	--	1	38241	1	38241	2	38241	2	38241	3	38241	3	38241	4	38241	5	38241	6	38241
	Bolts - 3/8"-16x1"	--	--	--	--	16	25024	16	25024	32	25024	32	25024	48	25024	48	25024	64	25024	80	25024	96	25024
	Washers - 3/8"	--	--	--	--	16	25151	16	25151	32	25151	32	25151	32	25151	48	25151	64	25151	80	25151	96	25151
	Nuts - 3/8"-16	--	--	--	--	16	25114	16	25114	32	25114	32	25114	32	25114	48	25114	64	25114	80	25114	96	25114
	CENTER PANEL INSULATION	--	--	--	--	1	38247	1	38247	2	38247	2	38247	3	38247	3	38247	4	38247	5	38247	6	38247
	Rope Gasket (Ft.)	--	--	--	--	5	24621	5	24621	10	24621	10	24621	15	24621	15	24621	20	24621	25	24621	30	24621
4Q	END PANEL ASSEMBLY "A"																						
	Panel "A" 20-15/16" Wide	--	--	--	--	--	--	--	--	--	--	--	--	1	38238	--	--	1	38238	1	38238	1	38238
	Bolts - 3/8"-16x1"	--	--	--	--	--	--	--	--	--	--	--	--	16	25024	--	--	16	25024	16	25024	16	25024
	Washers - 3/8"	--	--	--	--	--	--	--	--	--	--	--	--	16	25151	--	--	16	25151	16	25151	16	25151
	Nuts - 3/8"-16	--	--	--	--	--	--	--	--	--	--	--	--	16	25114	--	--	16	25114	16	25114	16	25114
	END PANEL INSULATION "A"	--	--	--	--	--	--	--	--	--	--	--	--	1	38244	--	--	1	38244	1	38244	1	38244
	Rope Gasket (Ft.)	--	--	--	--	--	--	--	--	--	--	--	--	5	24621	--	--	2	24621	2	24621	2	24621
	END PANEL ASSEMBLY "B"																						
	Panel "B" 24-1/8" Wide	1	38239	--	--	1	38239	--	--	1	38239	--	--	--	--	--	--	--	--	--	--	--	--
	Bolts 3/8"-16x1"	16	25024	--	--	16	25024	--	--	16	25024	--	--	--	--	--	--	--	--	--	--	--	--
	Washers - 3/8"	16	25151	--	--	16	25151	--	--	16	25151	--	--	--	--	--	--	--	--	--	--	--	--
	Nuts - 3/8"	16	25114	--	--	16	25114	--	--	16	25114	--	--	--	--	--	--	--	--	--	--	--	--
	END PANEL INSULATION "B"	1	38245	--	--	1	38245	--	--	1	38245	--	--	--	--	--	--	--	--	--	--	--	--
	Rope Gasket (Ft.)	5	24621	--	--	5	24621	--	--	5	24621	--	--	--	--	--	--	--	--	--	--	--	--
	END PANEL ASSEMBLY "C"																						
	Panel "C" - 33-13/16" Wide	--	--	1	38240	--	--	1	38240	--	--	1	38240	--	--	1	38240	--	--	--	--	--	--
	Bolts - 3/8"-10x1"	--	--	16	25024	--	--	16	25024	--	--	16	25024	--	--	16	25024	--	--	--	--	--	--
	Washers - 3/8"	--	--	16	25151	--	--	16	25151	--	--	16	25151	--	--	16	25151	--	--	--	--	--	--
	Nuts - 3/8"	--	--	16	25114	--	--	16	25114	--	--	16	25114	--	--	16	25114	--	--	--	--	--	--
	END PANEL INSULATION "C"	--	--	1	38246	--	--	1	38246	--	--	1	38246	--	--	1	38246	--	--	--	--	--	--
	Rope Gasket (Ft.)	--	--	5	24621	--	--	5	24621	--	--	5	24621	--	--	5	24621	--	--	--	--	--	--

EFF. DATE: 01/01/02

REPL: 7/1/98

**RV - SERIES
FORCED DRAFT - WATER
PARTS LIST**

FORM 1757

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I T E M	DESCRIPTION	RV200-W		RV250-W		RV300-W		RV350-W		RV400-W		RV450-W		RV500-W		RV550-W		RV600-W		RV700-W		RV800-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	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	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104
	Angle Iron 14 Ft.	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002
5A	Weld Studs - 3/8"-16x2-1/2" Long	6	25187	6	25187	6	25187	6	25187	6	25187	6	25187	6	25187	6	25187	6	25187	6	25187	6	25187
5B/5C	FRONT PLATE INSULATION	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106
5D	FLUE COLL. REAR PLATE ASSY.	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105
	Weld Studs - 3/8"-16x1-1/2" Long	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184
	REAR PLATE INSULATION	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107
5G	Rear Access Plug/Site Port	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103
5H	FLUE COLL. TOP PLATE	1	38123	1	38124	1	38125	1	38126	1	38127	1	38128	1	38129	1	38130	1	38131	1	38133	1	38135
5J	BAFFLE ASSEMBLY																						
	Anti-Bypass Baffle	1	38223	1	38224	1	38225	1	38226	1	38227	2	38228	2	38229	2	38230	2	38231	2	38233	2	38235
	Horizontal Baffle	1	38193	1	38194	1	38195	1	38196	1	38197	1	38198	1	38199	1	38200	1	38201	1	38203	1	38205
	First Vertical Baffle	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490
	Second Vertical Baffle	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491
	Face Baffles (18" STRIP, NO OF STRIPS)	1	24529	1	24529							2	24529	2	24529	2	24529	1	24529	1	24529		
	Face Baffles (18" STRIP, NO OF STRIPS)					1	24528	1	24528	1	24528							1	24528	1	24528	2	24528
5K	FLUE EXTENSION CONNECTION	1	38183	1	38184	1	38184	1	38185	1	38185	1	38185	1	38185	1	38185	1	38185	1	38185	1	38185
5L	FLUE COLL. SIDE ASSEMBLY "A"																						
	Side Panel "A" 22-9/16" Wide	--	--	1	38110	1	38110	--	--	--	--	1	38110	1	38110	--	--	--	--	1	38110	--	--
5M	SIDE PANEL "A" INSULATION	--	--	1	38116	1	38116	--	--	--	--	1	38116	1	38116	--	--	--	--	1	38116	--	--
	FLUE COLL. SIDE ASSEMBLY "B"																						
	Side Panel "B" 44-1/4" Wide	--	--	1	38114	--	--	1	38114	--	--	1	38114	--	--	1	38114	--	--	--	--	--	--
	SIDE PANEL "B" INSULATION	--	--	1	38120	--	--	1	38120	--	--	1	38120	--	--	1	38120	--	--	--	--	--	--

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EFF. DATE: 01/01/02

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RV - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1757

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I T E M	DESCRIPTION	RV200-W		RV250-W		RV300-W		RV350-W		RV400-W		RV450-W		RV500-W		RV550-W		RV600-W		RV700-W		RV800-W	
		Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	Q T Y	PART NO.	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	--	--	1	38261	--	--	1	38261	--	--	1	38261	--	--	--	--	--	--
	PANEL "B" INSULATION	--	--	1	38267	--	--	1	38267	--	--	1	38267	--	--	1	38267	--	--	--	--	--	--
	ACCESS PANEL ASSEMBLY "C"																						
	Panel "C" 22-5/16"x74-1/2"	--	--	1	38262	1	38262	2	38262	2	38262	3	38262	3	38262	4	38262	4	38262	5	38262	6	38262
	PANEL "C" INSULATION	--	--	1	38268	1	38268	2	38268	2	38268	3	38268	3	38268	4	38268	4	38268	5	38268	6	38268
	ACCESS PANEL ASSEMBLY "D"																						
	Panel "D" 27-1/8"x72"	--	--	--	--	--	--	--	--	--	--	--	--	1	38263	--	--	1	38263	1	38263	1	38263
	PANEL "D" INSULATION	--	--	--	--	--	--	--	--	--	--	--	--	1	38269	--	--	1	38269	1	38269	1	38269
	ACCESS PANEL ASSEMBLY "E"																						
	Panel "E" 30-5/16"x74-1/2"	1	38264	--	--	1	38264	--	--	1	38264	--	--	--	--	--	--	--	--	--	--	--	--
	PANEL "E" INSULATION	1	38270	--	--	1	38270	--	--	1	38270	--	--	--	--	--	--	--	--	--	--	--	--
	JACKET FILLER PANEL ASSY																						
7M	Filler Panel	1	38277	1	38278	1	38279	1	38280	1	38281	1	38282	1	38283	1	38284	1	38285	1	38287	1	38289
	JACKET FILLER STRIP ASSY																						
7N	Filler Strip Left	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275
7P	Filler Strip Right	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274
	JACKET TOP PANEL ASSEMBLY																						
7Q	Top Panel - Front	1	38340	1	38341	1	38343	1	38345	1	38345	1	38345	1	38345	1	38345	1	38345	1	38365	1	38365
	Jacket Screws, #14 x .5	20	25011	20	25011	20	25011	20	25011	20	25011	20	25011	20	25011	20	25011	20	25011	20	25011	20	25011
7R	Top Panel - Center			--	--	--	--	1	38342	1	38348	1	38351	1	38354	1	38357	1	38360	1	38366	1	38372
	Jacket Screws, #14 x .5	--	--	--	--	--	--	5	25011	5	25011	5	25011	8	25011	12	25011	10	25011	18	25011	18	25011
7S	Top Panel - Rear	--	--			1	38344	1	38344	1	38344	1	38352	1	38352	1	38352	1	38361	1	38361	1	38361
	Jacket Screws, #14 x .5					9	25011	12	25011	16	25011	15	25011	15	25011	15	25011	20	25011	20	25011	20	25011
7T	JACKET TOP INSULATION (Sq. Ft.)	24	24597	27	24597	33	24597	36	24597	42	24597	46	24597	49	24597	55	24597	58	24597	68	24597	77	24597

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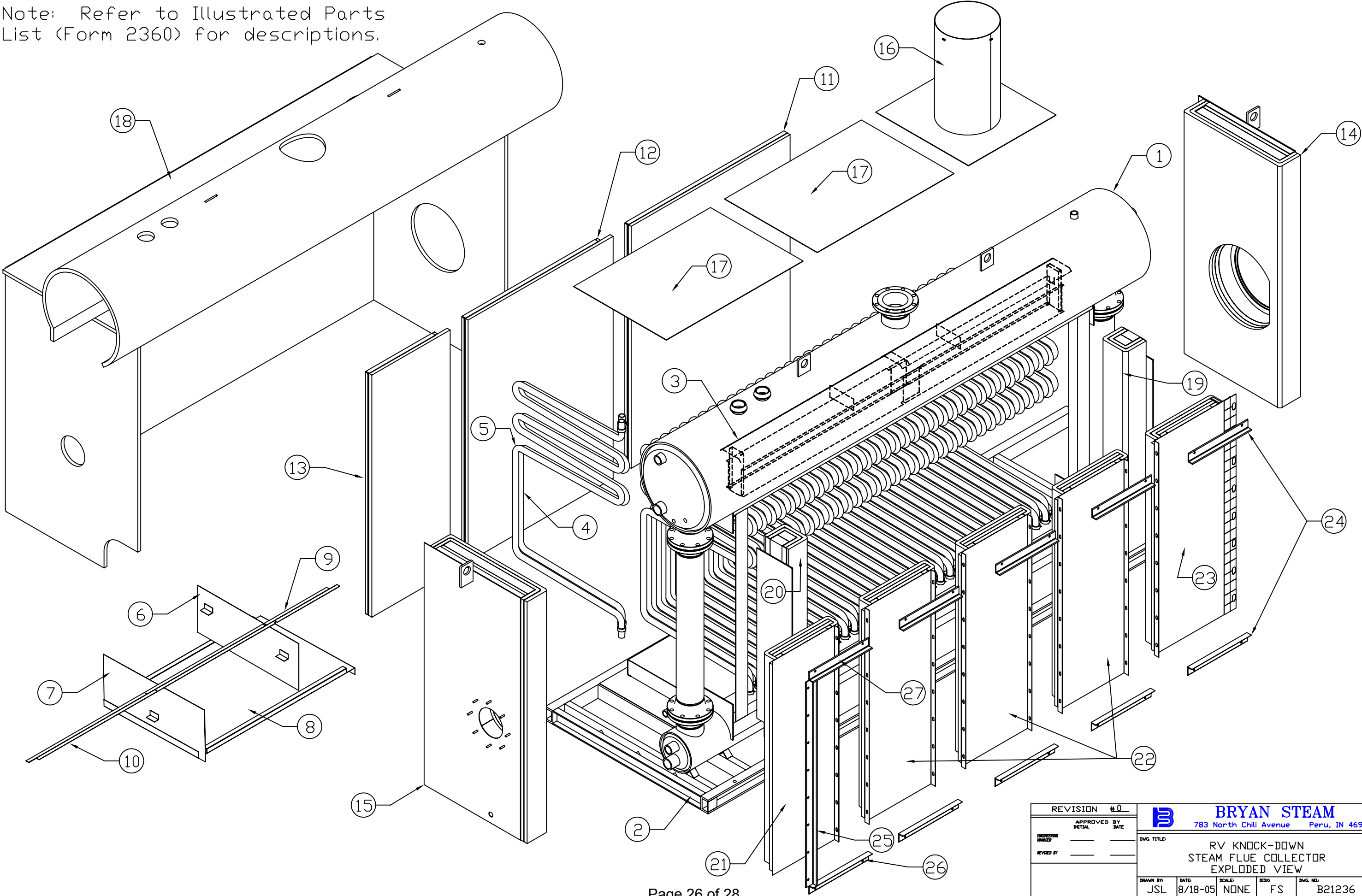
FORCED DRAFT - WATER

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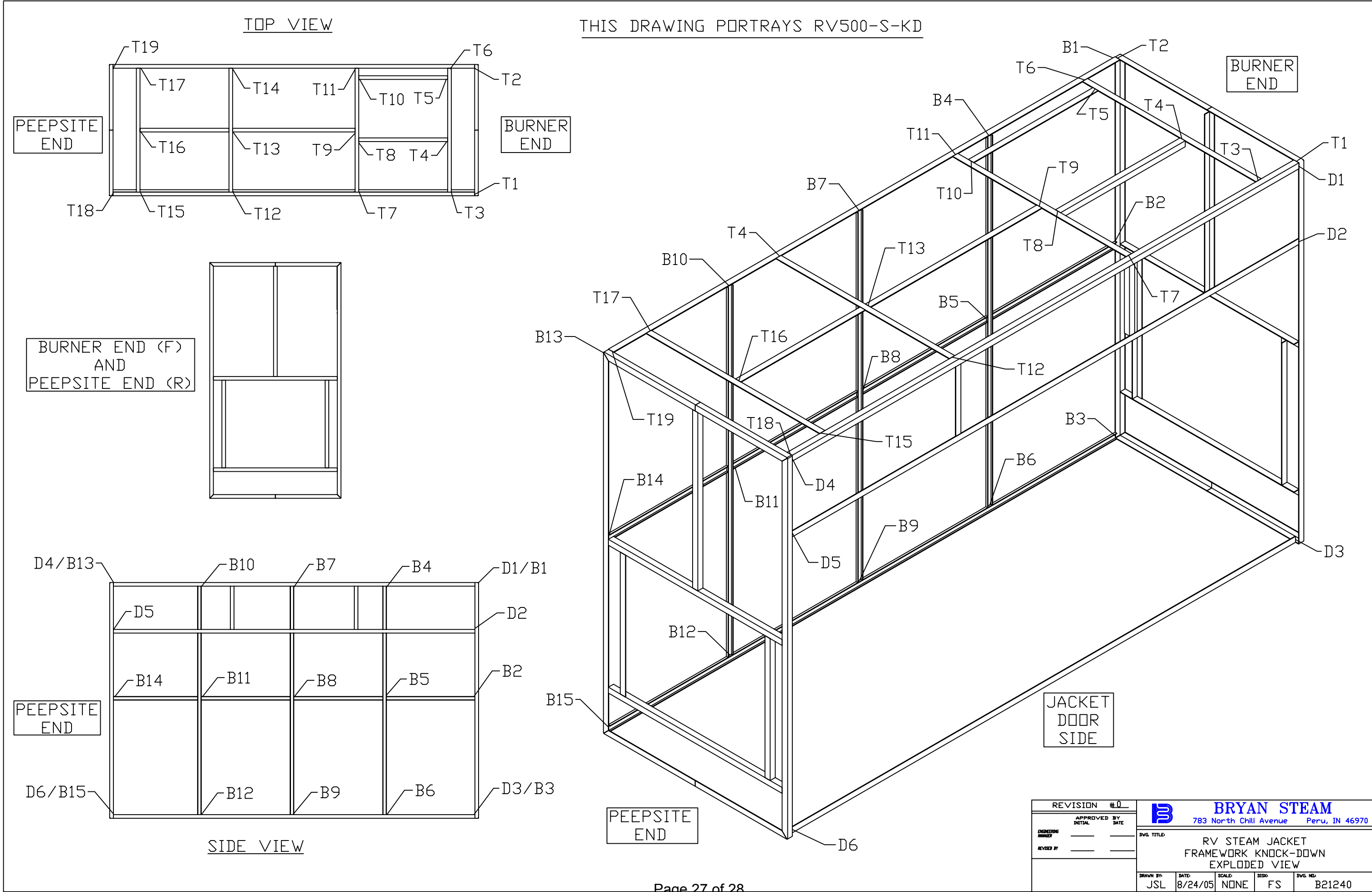
[illegible]

* Not Standard. Available Upon Request.

Note: Refer to Illustrated Parts List (Form 2360) for descriptions.

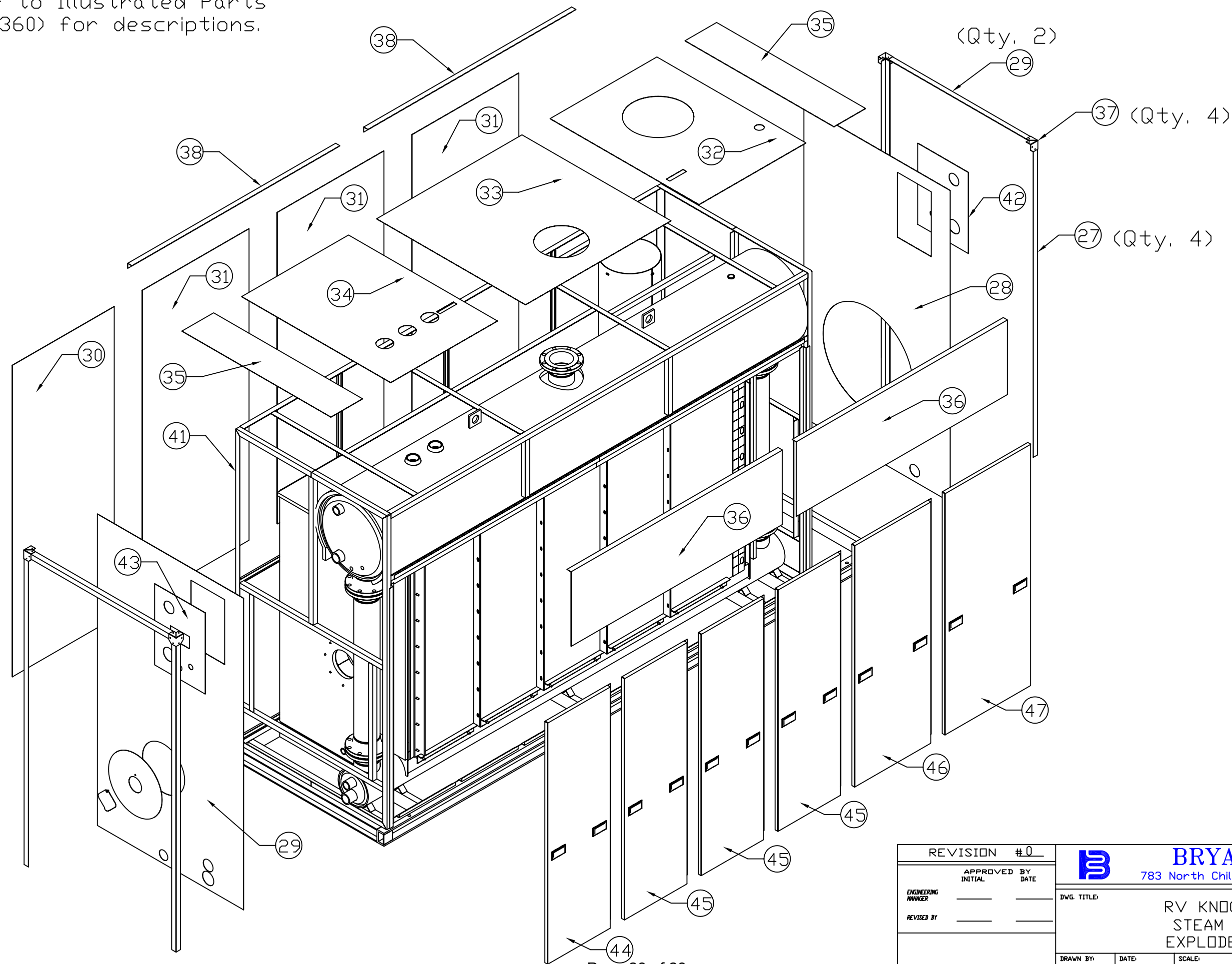


REVISION #0		BRYAN STEAM	
APPROVED BY		783 North Chili Avenue Peru, IN 46970	
INITIAL		DATE	
ENGINEERING		DWG. TITLE	
MARKER		RV KNOCK-DOWN	
REVISED BY		STEAM FLUE COLLECTOR	
		EXPLODED VIEW	
DRAWN BY:	DATE:	SCALE:	DWG. NO.:
JSL	8/18-05	NONE	FS
			B21236



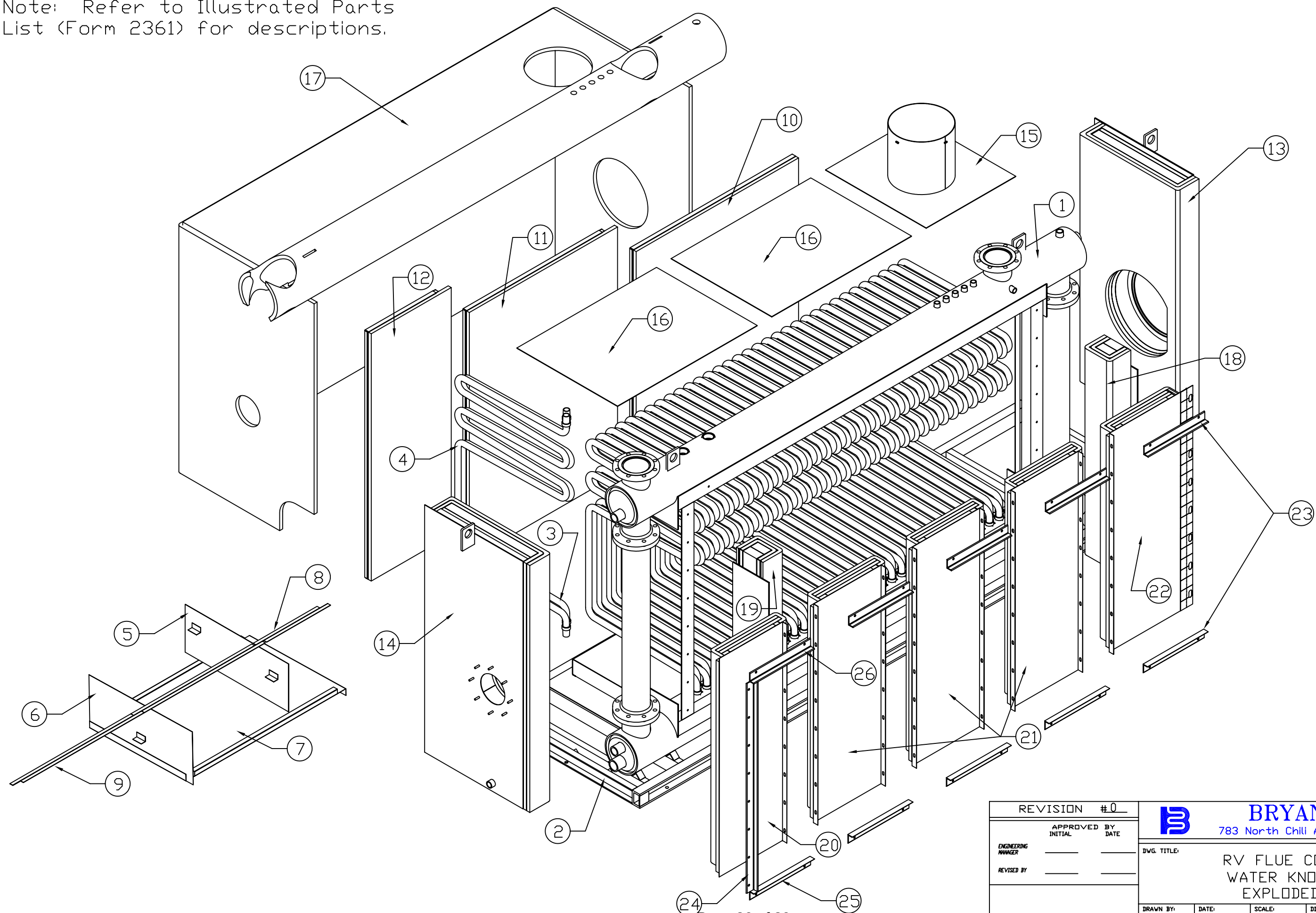
REVISION #0		 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970			
APPROVED BY INITIAL		DWG. TITLE RV STEAM JACKET FRAMEWORK KNOCK-DOWN EXPLODED VIEW			
ENGINEERING NUMBER		DRAWN BY JSL	DATE 8/24/05	SCALE NONE	DWG. NO. B21240
REVISED BY					

Note: Refer to Illustrated Parts List (Form 2360) for descriptions.



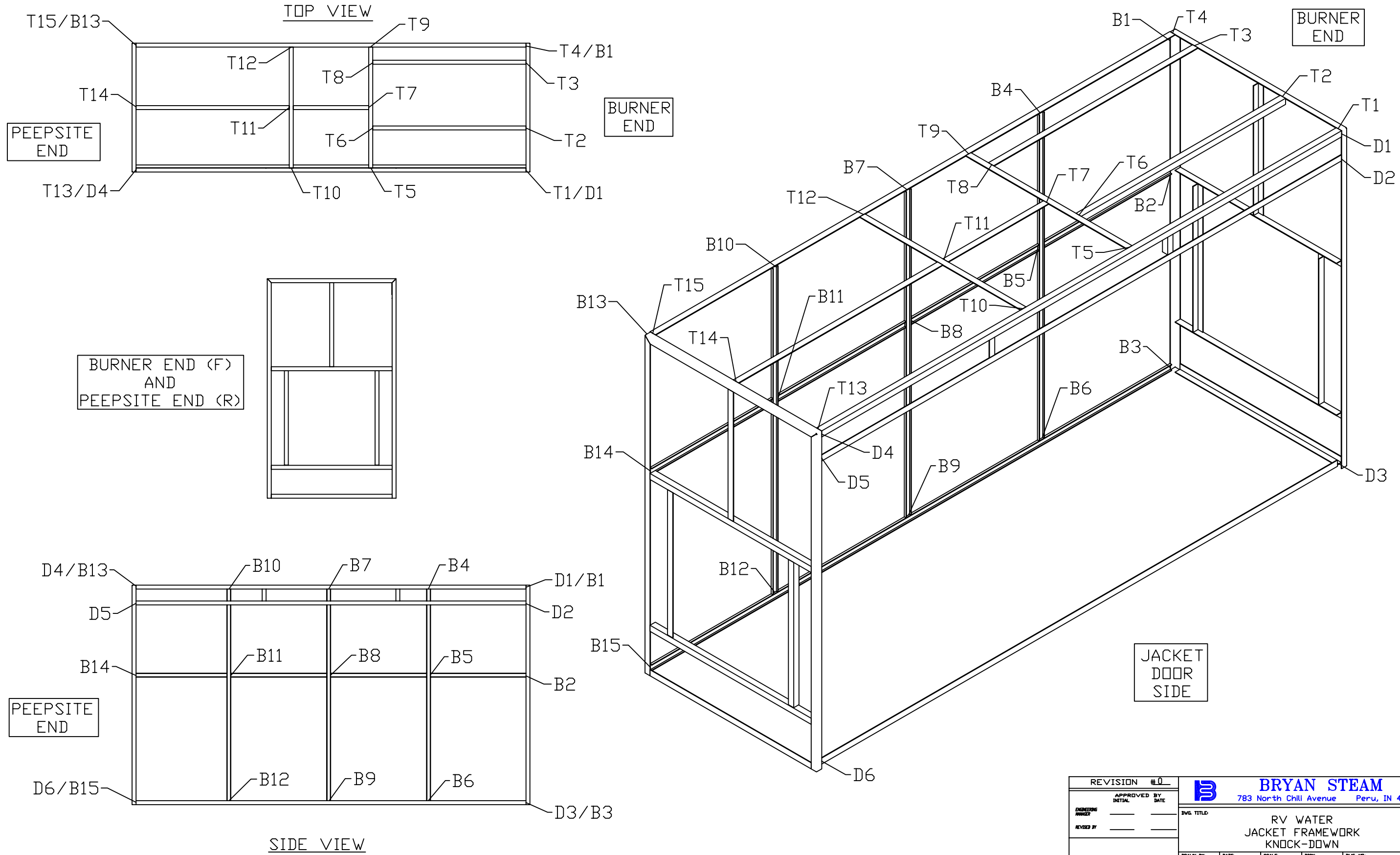
REVISION #0			 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970		
APPROVED BY	INITIAL	DATE			
ENGINEERING	_____	_____	DWG. TITLE: RV KNOCK-DOWN STEAM JACKET EXPLODED VIEW		
MANAGER	_____	_____			
REVISED BY	_____	_____	DRAWN BY: RBJ		
			DATE: 8/18/05	SCALE: NONE	DISK: FS
			DWG. NO.: B21235		

Note: Refer to Illustrated Parts List (Form 2361) for descriptions.



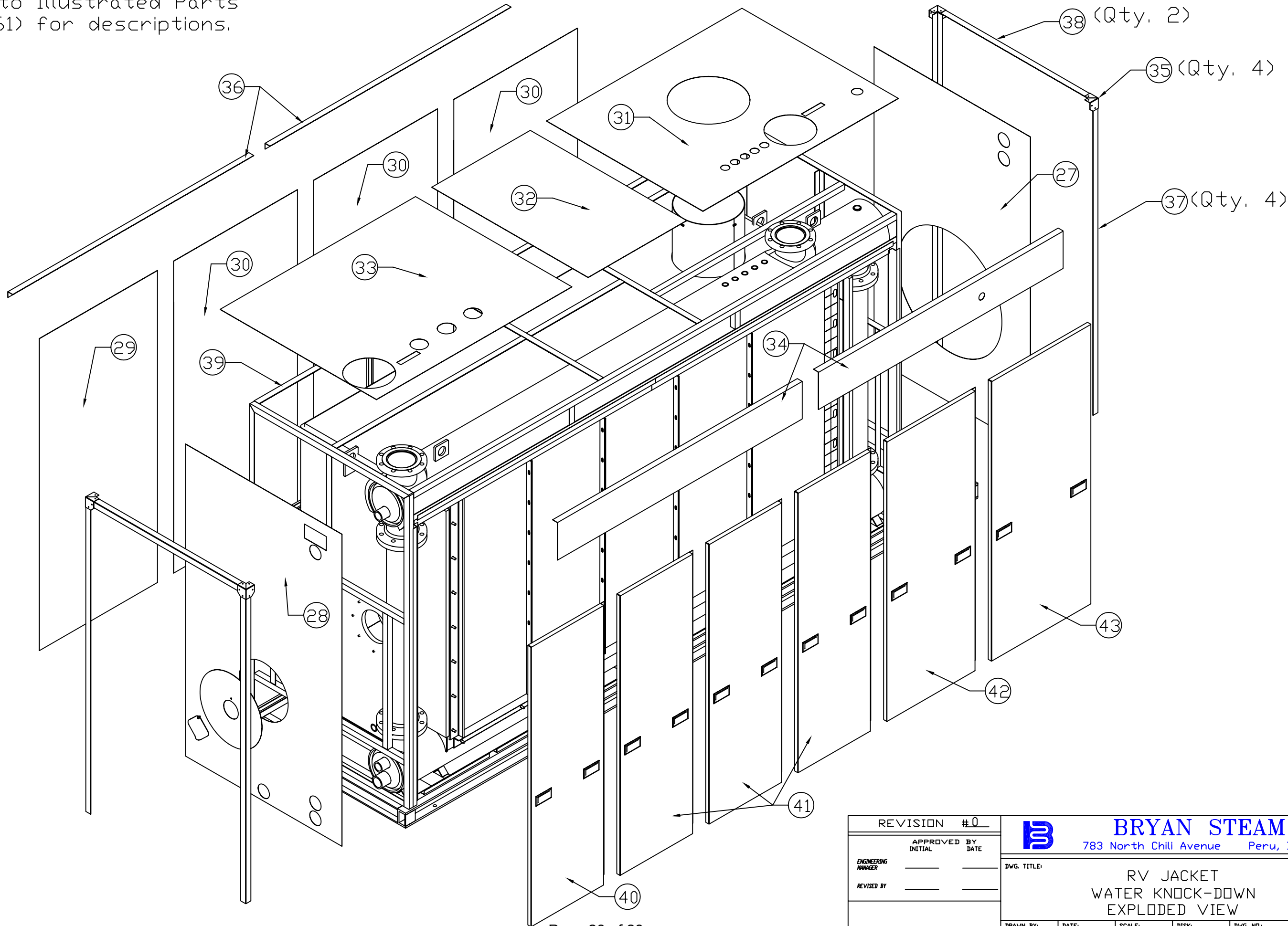
REVISION #0			 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970		
APPROVED BY	INITIAL	DATE			
ENGINEERING			DWG. TITLE: RV FLUE COLLECTOR WATER KNOCK-DOWN EXPLODED VIEW		
MANAGER					
REVISED BY			DRAWN BY:	DATE:	SCALE:
			JSL	8/24/05	NONE
			DISK:	FS	DWG. NO. B21238

THIS DRAWING PORTRAYS RV500-W-KD



REVISION #0		 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970			
APPROVED BY	DATE	DWG. TITLE			
ENGINEERING		RV WATER			
MANAGER		JACKET FRAMEWORK			
REVISED BY		KNOCK-DOWN			
		DRAWN BY:	DATE:	SCALE:	DWG. NO.
		JSL	8/24/05	NONE	FS B21239

Note: Refer to Illustrated Parts List (Form 2361) for descriptions.



REVISION #0		 BRYAN STEAM 783 North Chili Avenue Peru, IN 46970			
APPROVED BY INITIAL DATE		DWG. TITLE:			
ENGINEERING MANAGER		RV JACKET WATER KNOCK-DOWN EXPLODED VIEW			
REVISED BY		DRAWN BY:	DATE:	SCALE:	DISK:
		JSL	8/24/05	NONE	FS
		DWG. NO.:		B21237	

EFF. DATE 1/1/02

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ILLUSTRATED PARTS LIST

FORM 1761-RV-FD-S

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FOR RV – SERIES, FORCED DRAFT, STEAM BOILERS Models RV200 THRU RV800

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:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	38101	Boiler Tubes	RV350	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>

REPL: 7/1/98

FORCED DRAFT - STEAM

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ITEM	DESCRIPTION	RV200-S		RV250-S		RV300-S		RV350-S		RV400-S		RV450-S		RV500-S		RV550-S		RV600-S		RV700-S		RV800-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSY W/TUBES 15#	1	42617	1	42618	1	42619	1	42620	1	42621	1	42622	1	42623	1	42624	1	42625	1	42627	1	42629
1A	BOILER FRAME ASSY W/TUBES 150#	1	42633	1	42634	1	42635	1	42636	1	42637	1	42638	1	42639	1	42640	1	42641	1	42643	1	42645
	BOILER TUBE ASSEMBLY																						
2	"A" Outside Tubes	14	38100	17	38100	21	38100	24	38100	28	38100	31	38100	34	38100	38	38100	41	38100	48	38100	55	38100
	"B" Inside Tubes	13	38101	16	38101	20	38101	23	38101	27	38101	30	38101	33	38101	37	38101	40	38101	47	38101	54	38101
2A	Tube Studs, 3/8" - 16 X 2-3/8"	26	25187	32	25187	40	25187	46	25187	54	25187	60	25187	66	25187	74	25187	80	25187	94	25187	108	25187
2B	Tube Clamps	26	23623	32	23623	40	23623	46	23623	54	23623	60	23623	66	23623	74	23623	80	23623	94	23623	108	23623
2C	Tube Nuts, 3/8" - 16	26	25114	32	25114	40	25114	46	25114	54	25114	60	25114	66	25114	74	25114	80	25114	94	25114	108	25114
	BOILER BASE ASSEMBLY																						
3		1	42841	1	42842	1	42843	1	42844	1	42845	1	42846	1	42847	1	42848	1	42849	1	42851	1	42853
3A	Boiler Floor Pan Assembly	1	38412	1	38413	1	38414	1	38415	1	38416	1	38417	1	38418	1	38419	1	38420	1	38422	1	38424
3B	Floor Pan Insul. (Min. Fib.)	1	38412.5	1	38413.5	1	38414.5	1	38415.5	1	38416.5	1	38417.5	1	38418.5	1	38419.5	1	38420.5	1	38422.5	1	38424.5
3C	Floor Pan Refr. (Castable) 50# Bags	3	24555	3	24555	4	24555	5	24555	5	24555	6	24555	7	24555	7	24555	8	24555	9	24555	11	24555
	TUBE ACCESS PANEL ASSEMBLY																						
4	Tube Access Panel Frame	1	38442	1	38443	1	38444	1	38445	1	38446	1	38447	1	38448	1	38449	1	38450	1	38452	1	38454
4A	Panel Clamp	4	38458	2	38458	6	38458	4	38458	8	38458	6	38458	10	38458	8	38458	12	38458	14	38458	26	38458
4B	Panel Clamp (Intermediate)	--	--	2	38459	--	--	2	38459	--	--	2	38459	--	--	2	38459	--	--	--	--	--	--
4C	Vertical Panel Clamp, End	1	38460	1	39460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460	1	38460
4D	Panel Weld Stud - 3/8"-16x1-3/8"	20	25184	20	25184	22	25184	22	25184	24	25184	24	25184	26	25184	26	25184	28	25184	30	25184	32	25184
4E	Panel Washers - 3/8"	20	25151	20	25151	22	25151	22	25151	24	25151	24	25151	26	25151	26	25151	28	25151	30	25151	32	25151
4F	Panel Nuts - 3/8"-16	20	25114	20	25114	22	25114	22	25114	24	25114	24	25114	26	25114	26	25114	28	25114	30	25114	32	25114
4G	Rope Gasket (Ft.)	21	24621	24	24621	26	24621	28	24621	30	24621	31	24621	34	24621	35	24621	35	24621	39	24621	43	24621
	FRONT HINGED PANEL ASSEMBLY																						
4H	Panel w/ Hinge	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242	1	38242
4J	Hinge and Shim	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208	1	29208
4K	Bolts - 3/8"-16x1"	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024	12	25024
	Washers - 3/8"	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151	12	25151
	Nuts - 3/8"-16	12	25114	12	25114	12	25114	12	25114	12	25114	12	25114	12	25114	12	25114	12	25114	12	25114	12	25114
4L	FRONT PANEL INSULATION	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248	1	38248
4N	Rope Gasket (Ft.)	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621	5	24621

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RV - SERIES
FORCED DRAFT - STEAM
PARTS LIST

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ITEM	DESCRIPTION	RV200-S		RV250-S		RV300-S		RV350-S		RV400-S		RV450-S		RV500-S		RV550-S		RV600-S		RV700-S		RV800-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
4P	CENTER PANEL ASSEMBLY																						
	Panel	--	--	--	--	1	38241	1	38241	2	38241	2	38241	3	38241	3	38241	4	38241	5	38241	6	38241
	Bolts - 3/8"-16x1"	--	--	--	--	16	25024	16	25024	32	25024	32	25024	48	25024	48	25024	64	25024	80	25024	96	25024
	Washers - 3/8"	--	--	--	--	16	25151	16	25151	32	25151	32	25151	48	25151	48	25151	64	25151	80	25151	96	25151
	Nuts - 3/8"-16	--	--	--	--	16	25114	16	25114	32	25114	32	25114	48	25114	48	25114	64	25114	80	25114	96	25114
	CENTER PANEL INSULATION	--	--	--	--	1	38247	1	38247	2	38247	2	38247	3	38247	3	38247	4	38247	5	38247	6	38247
	Rope Gasket (Ft.)	--	--	--	--	5	24621	5	24621	10	24621	10	24621	15	24621	15	24621	20	24621	25	24621	30	24621
4Q	END PANEL ASSEMBLY "A"																						
	Panel "A" - 20-15/16" Wide	--	--	--	--	--	--	--	--	--	--	--	--	1	38238	--	--	1	38238	1	38238	1	38238
	Bolts - 3/8"-16x1"	--	--	--	--	--	--	--	--	--	--	--	--	16	25024	--	--	16	25024	16	24024	16	25024
	Washers - 3/8"	--	--	--	--	--	--	--	--	--	--	--	--	16	25151	--	--	16	25151	16	24151	16	25151
	Nuts - 3/8"-16	--	--	--	--	--	--	--	--	--	--	--	--	16	25114	--	--	16	25114	16	25114	16	25114
	END PANEL INSULATION ASSEMBLY	--	--	--	--	--	--	--	--	--	--	--	--	1	38244	--	--	1	38244	1	38244	1	38244
	Rope Gasket (Ft.)	--	--	--	--	--	--	--	--	--	--	--	--	5	24621	--	--	5	24621	5	24621	5	24621
	END PANEL ASSEMBLY "B"																						
	Panel "B" 24-1/8" Wide	1	38239	--	--	1	38239	--	--	1	38239	--	--	--	--	--	--	--	--	--	--	--	--
	Bolts 3/8"-16x1"	16	25024	--	--	16	25024	--	--	16	25024	--	--	--	--	--	--	--	--	--	--	--	--
	Washers 3/8"	16	25151	--	--	16	25151	--	--	16	25151	--	--	--	--	--	--	--	--	--	--	--	--
	Nuts 3/8"-16	16	25114	--	--	16	25114	--	--	16	25114	--	--	--	--	--	--	--	--	--	--	--	--
	END PANEL INSULATION "B"	1	38245	--	--	1	38245	--	--	1	38245	--	--	--	--	--	--	--	--	--	--	--	--
	Rope Gasket (Ft.)	5	24621	--	--	5	24621	--	--	5	24621	--	--	--	--	--	--	--	--	--	--	--	--
	END PANEL ASSEMBLY "C"																						
	Panel "C" - 33-13/16"x62-9/16"	--	--	1	38240	--	--	1	38240	--	--	1	38240	--	--	1	38240	--	--	--	--	--	--
	Bolts - 3/8"-16x1"	--	--	16	25024	--	--	16	25024	--	--	16	25024	--	--	16	25024	--	--	--	--	--	--
	Washers - 3/8"	--	--	16	25151	--	--	16	25151	--	--	16	25151	--	--	16	25151	--	--	--	--	--	--
	Nuts - 3/8"-16	--	--	16	25114	--	--	16	25114	--	--	16	25114	--	--	16	25114	--	--	--	--	--	--
	END PANEL INSULATION "C"	--	--	1	38246	--	--	1	38246	--	--	1	38246	--	--	1	38246	--	--	--	--	--	--
	Rope Gasket (Ft.)	--	--	5	24621	--	--	5	24621	--	--	5	24621	--	--	5	24621	--	--	--	--	--	--

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RV - SERIES
FORCED DRAFT - STEAM
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ITEM	DESCRIPTION	RV200-S		RV250-S		RV300-S		RV350-S		RV400-S		RV450-S		RV500-S		RV550-S		RV600-S		RV700-S		RV800-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	FLUE COLLECTOR ASSEMBLY																						
5	FLUE COLL. FRONT PLATE ASSY	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104	1	38104
	Angle Iron 14 Ft.	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002
5A	Weld Studs - 3/8"-16x2-1/2" Long	10	25187	10	25187	10	25187	10	25187	10	25187	10	25187	10	25187	10	25187	10	25187	10	25187	10	25187
	FRONT PLATE INSULATION	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106	1	38106
5D	FLUE COLL. REAR PLATE ASSY	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105	1	38105
	Angle Iron 14 Ft.	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002	1	11002
	Weld Studs - 3/8"-16x1-3/8"	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184	8	25184
5E/5F	REAR PLATE INSULATION	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107	1	38107
5G	Rear Access Plug/Site Port	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103	1	38103
5H	FLUE COLL. TOP PLATE	1	38123	1	38124	1	38125	1	38126	1	38127	1	38128	1	38129	1	38130	1	38131	1	38133	1	38135
5J	BAFFLE ASSEMBLY																						
	Anti-Bypass Baffle	1	38223	1	38224	1	38225	1	38226	1	38227	2	38228	2	38229	2	38230	2	38231	2	38233	2	38235
	Horizontal Baffle	1	38193	1	38193	1	38193	1	38193	1	38193	1	38193	1	38193	1	38193	1	38193	2	38193	2	38193
	First Vertical Baffle	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490	1	38490
	Second Vertical Baffle	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491	1	38491
	Face Baffles (Use 1" white blanket) sq. ft.	4	24528	4	24528	6	24528	6	24528	6	24528	9	24528	9	24528	9	24528	11	24528	11	24528	12	24528
5K	FLUE EXTENSION/CONNECTION	1	38183	1	38184	1	38184	1	38185	1	38185	1	38185	1	38185	1	38185	1	38185	1	38186	1	38186
5L	FLUE COLL. SIDE ASSEMBLY "A"																						
	Side Panel "A" - 22-9/16" Wide	--	--	1	38110	1	38110	--	--	--	--	1	38110	1	38110	--	--	--	--	1	38110	--	--
5M	SIDE PANEL "A" INSULATION	--	--	1	38116	1	38116	--	--	--	--	1	38116	1	38116	--	--	--	--	1	38116	--	--
	FLUE COLL. SIDE ASSEMBLY "B"																						
	Side Panel "B" 44-1/4" Wide	--	--	1	38114	--	--	1	38114	--	--	1	38114	--	--	1	38114	--	--	--	--	--	--
	SIDE PANEL "B" INSULATION	--	--	1	38120	--	--	1	38120	--	--	1	38120	--	--	1	38120	--	--	--	--	--	--

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FORCED DRAFT - STEAM PARTS LIST

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ITEM	DESCRIPTION	RV200-S		RV250-S		RV300-S		RV350-S		RV400-S		RV450-S		RV500-S		RV550-S		RV600-S		RV700-S		RV800-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	FLUE COLL. SIDE ASSEMBLY "C"																						
	Side Panel "C" 45-1/16" Wide	--	--	--	--	--	--	1	38111	1	38111	1	38111	1	38111	2	38111	2	38111	2	38111	3	38111
	SIDE PANEL "C" INSULATION	--	--	--	--	--	--	1	38117	1	38117	1	38117	1	38117	2	38117	2	38117	2	38117	3	38117
	FLUE COLL. SIDE ASSEMBLY "D"																						
	Side Panel "D" 53-7/8" Wide	--	--	--	--	--	--	--	--	--	--	--	--	1	38112	--	--	1	38112	1	38112	1	38112
	SIDE PANEL "D" INSULATION	--	--	--	--	--	--	--	--	--	--	--	--	1	38118	--	--	1	38118	1	38118	1	38118
	FLUE COLL. SIDE ASSEMBLY "E"																						
	Side Panel "E" 57-1/8" Wide	1	38113	--	--	1	38113	--	--	1	38113	--	--	--	--	--	--	--	--	--	--	--	--
	SIDE PANEL "E" INSULATION	1	38119	--	--	1	38119	--	--	1	38119	--	--	--	--	--	--	--	--	--	--	--	--
6	JACKET FRAME ASSEMBLY	1	42889	1	42890	1	42891	1	42892	1	42893	1	42894	1	42895	1	42896	1	42897	1	42899	1	42901
6B	Insulation (Sq. Ft.)	1	42889.5	1	42890.5	1	42891.5	1	42892.5	1	42893.5	1	42894.5	1	42895.5	1	42896.5	1	42897.5	1	42899.5	1	42901.5
	JACKET ASSEMBLY (7-7U)	1	42777	1	42778	1	42779	1	42780	1	42781	1	42782	1	42783	1	42784	1	42785	1	42787	1	42789
	JACKET FRONT PANEL ASSEMBLY																						
7	Jacket Front	1	38252	1	38252	1	38252	1	38252	1	38252	1	38252	1	38252	1	38252	1	38252	1	38252	1	38252
7A	Front Burner Plug Cover	1	38487	1	38487	1	38487	1	38487	1	38487	1	38487	1	38487	1	38487	1	38487	1	38487	1	38487
7B	Jacket Screws, #14 x .5	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011
	JACKET SIDE ASSEMBLY																						
7C	38" Panel	1	38338	1	38338	1	38338	2	38338	2	38338	2	38338	2	38338	2	38338	3	38338	4	38338	4	38338
7D	Modular Panel	1	38322	1	38323	1	38324	1	38325	1	38326	1	38327	1	38328	1	38329	1	38330	1	38332	1	38334
	Jacket Screws, #14 x .5	37	25011	43	25011	50	25011	56	25011	63	25011	67	25011	75	25011	82	25011	88	25011	101	25011	114	25011
	JACKET ACCESS PANEL ASSEMBLY																						
	ACCESS PANEL ASSEMBLY "A"																						
	Panel "A" Front 30-9/16"x74-1/2" (19E)	1	38265	1	38265	1	38265	1	38265	1	38265	1	38265	1	38265	1	38265	1	38265	1	38265	1	38265
7F	PANEL "A" INSULATION	1	38271	1	38271	1	38271	1	38271	1	38271	1	38271	1	38271	1	38271	1	38271	1	38271	1	38271
	ACCESS PANEL ASSEMBLY "B"																						
	Panel "B" 17-1/2"x74-1/2" (11T)	--	--	1	38261	--	--	1	38261	--	--	1	38261	--	--	1	38261	--	--	--	--	--	--

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**RV - SERIES
FORCED DRAFT - STEAM
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ITEM	DESCRIPTION	RV200-S		RV250-S		RV300-S		RV350-S		RV400-S		RV450-S		RV500-S		RV550-S		RV600-S		RV700-S		RV800-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	ACCESS PANEL ASSEMBLY "D"																						
	Panel "D" 27-1/8"x72" (17T)	--	--	--	--	--	--	--	--	--	--	--	--	1	38263	--	--	1	38263	1	38263	1	38263
	PANEL "D" INSULATION	--	--	--	--	--	--	--	--	--	--	--	--	1	38269	--	--	1	38269	1	38269	1	38269
	ACCESS PANEL ASSEMBLY "E"																						
	Panel "E" 30-5/16"x74-1/2" (19T)	1	38264	--	--	1	38264	--	--	1	38264	--	--	--	--	--	--	--	--	--	--	--	--
	PANEL "E" INSULATION	1	38270	--	--	1	38270	--	--	1	38270	--	--	--	--	--	--	--	--	--	--	--	--
	JACKET FILLER PANEL ASSEMBLY																						
7M	Upper Filler Panel	1	38292	1	38293	1	38294	1	38295	1	38296	1	38297	1	38298	1	38299	1	38300	1	38302	1	38304
	JACKET FILLER STRIP ASSEMBLY																						
7N	Filler Strip Left	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275	1	38275
7P	Filler Strip Right	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274	1	38274
	JACKET TOP PANEL ASSEMBLY																						
7Q	Top Panel - Front	--	--	--	--	1	38378	1	38380	1	38383	1	38386	1	38389	1	38392	1	38395	1	38401	1	38407
	Jacket Screws, #14 x .5	--	--	--	--	19	25011	14	25011	14	25011	14	25011	14	25011	22	25011	22	25011	22	25011	22	25011
7R	Top Panel - Center	1	38376	1	38377	--	--	1	38381	1	38384	1	38387	1	38390	1	38393	1	38396	1	38402	1	38408
	Jacket Screws, #14 x .5	23	25011	27	25011	--	--	7	25011	12	25011	15	25011	19	25011	8	25011	11	25011	20	25011	28	25011
7S	Top Panel - Rear	--	--	--	--	1	38379	1	38382	1	38385	1	38388	1	38391	1	38394	1	38397	1	38403	1	38409
	Jacket Screws, #14 x .5	--	--	--	--	13	25011	14	25011	14	25011	14	25011	14	25011	22	25011	22	25011	22	25011	22	25011
7T	JACKET TOP INSULATION (Sq. Ft.)	1	38376.5	1	38377.5	1	38378.5	1	38380.5	1	38383.5	1	38386.5	1	38389.5	1	38392.5	1	38395.5	1	38401.5	1	38407.5
	JACKET REAR PANEL ASSEMBLY																						
7U	Rear Panel	1	38254	1	38254	1	38254	1	38254	1	38254	1	38254	1	38254	1	38254	1	38254	1	38254	1	38254
	Rear Panel Access Plug Cover	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486	1	38486
	Jacket Screws, #14 x .5	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011	28	25011
	JACKET REAR INSULATION	1	38259	1	38259	1	38259	1	38259	1	38259	1	38259	1	38259	1	38259	1	38259	1	38259	1	38259
	JACKET TRIM ASSEMBLY																						
7V	Vertical Moldings	4	38463	4	38463	4	38463	4	38463	4	38463	4	38463	4	38463	4	38463	4	38463	4	38463	4	38463
7W	Horizontal Moldings (Ends)	2	38465	2	38465	2	38465	2	38465	2	38465	2	38465	2	38465	2	38465	2	38465	2	38465	2	38465
7X	Horizontal Moldings (Sides)	2	38471	2	38472	2	38473	2	38474	2	38475	2	38476	2	38477	2	38478	2	38479	2	38481	2	38483
7Y	Corner Moldings	4	38468	4	38468	4	38468	4	38468	4	38468	4	38468	4	38468	4	38468	4	38468	4	38468	4	38468
	Jacket Screws, #14 x .5	45	25011	47	25011	49	25011	51	25011	53	25011	54	25011	56	25011	58	25011	60	25011	63	25011	67	25011

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**RV - SERIES
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PARTS LIST**

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ITEM	DESCRIPTION	RV200-S		RV250-S		RV300-S		RV350-S		RV400-S		RV450-S		RV500-S		RV550-S		RV600-S		RV700-S		RV800-S	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	FORCED DRAFT BURNER ASSEMBLY	REFER TO EQUIPMENT LIST (BURNER MODEL)																					
8	Forced Draft Burner Assembly																						
8A	Forced Draft Burner Plug																						
8B	Forced Draft Burner Spacer																						
8C	Forced Draft Burner Gasket (Ft.)	10	24622	10	24622	11	24622	11	24622	12	24622	12	24622	13	24622	13	24622	14	24622	14	24622	14	24622
		REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS																					
	STEAM TRIM ASSEMBLY																						
9	Low Water Cut-Off (157)																						
9A	Auxiliary Low Water Cut-Off																						
9B	High Limit (L404)																						
9C	Operator (L404)																						
9D	High Fire Control																						
9E	Gauge Glass (20-251-10)																						
9F	Pressure Gauge																						
9G	Tri-cock (26-315-01)																						
9H	Relief Valve (15# or 150# Std.)																						
9J	Control Panel																						
10	Boiler Tube Driver *	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
10A	Boiler Tube Puller *	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
10B	Boiler Tube Brush **	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

* Furnished as Standard on High Pressure Steam Only.

** Not Standard. Available Upon Request

EFF. DATE 1/1/02

REPL. 3/1/98

ILLUSTRATED PARTS LIST

FORM 1973-RW-FD-W

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FOR RW – SERIES, FORCED DRAFT, WATER BOILERS RW850 THRU RW2100

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:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	50100	Boiler Tubes	RW1260	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>

EFF.DATE: 1/1/02

REPL.: 7/1/98

RW - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1973

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ITEM	DESCRIPTION	RW850-W		RW1050-W		RW1260-W		RW1500-W		RW1700-W		RW1900-W		RW2100-W	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSEMBLY - w/Tubes	1	60100	1	60102	1	60104	1	60106	1	60108	1	60110	1	60112
1A	Boiler Frame Ceramic Fiber	1	50540	1	50542	1	50544	1	50546	1	50548	1	50550	1	50552
	BOILER TUBE ASSEMBLY														
2	Inside Tubes (Old Style Prior To 31 Dec. 95)	60	50100	68	50100	82	50100	96	50100	110	50100	124	50100	138	50100
2A	Outside Tubes (Old Style Prior To 31 Dec. 95)	60	50101	68	50101	82	50101	96	50101	110	50101	124	50101	138	50101
2B	Tube Studs 3/8 - 16 X 2-3/8"	120	25187	136	25187	164	25187	192	25187	220	25187	248	25187	276	25187
2C	Tube Clamps	120	23623	136	23623	164	23623	192	23623	220	23623	248	23623	276	23623
2D	Tube Clamp Nut 3/8"x16	120	25114	136	25114	164	25114	192	25114	220	25114	248	25114	276	25114
3	BOILER BASE ASSEMBLY	1	60120	1	60122	1	60124	1	60126	1	60128	1	60130	1	60132
3A	Boiler Floor Pan Assembly	1	50103	1	50105	1	50107	1	50109	1	50111	1	50113	1	50115
3B	Floor Pan Insulation Layers (2-1/2" Monoblock pieces)	1	50103.5	1	50105.5	1	50107.5	1	50109.5	1	50111.5	1	50113.5	1	50115.5
3C	Floor Pan Refr. (Castable Bags)	12	24555	13	24555	14	24555	15	24555	18	24555	22	24555	25	24555
	TUBE ACCESS PANEL ASSEMBLY (4H-4M)	1	60230	1	60232	1	60234	1	60236	1	60238	1	60240	1	60242
4	Tube Access Panel Frame	2	50190	2	50192	2	50194	2	50196	2	50198	2	50200	2	50202
4A	Panel Weld Stud 3/8-16x1	72	25183	80	25183	88	25183	96	25183	104	25183	112	25183	120	25183
4B	Tube Frame Rope Gasket (1/2" feet per frame)	32	24621	34	24621	38	24621	42	24621	45	24621	49	24621	53	24621
4C	Vertical Tube Panel Clamp, End	4	50232	4	50232	4	50232	4	50232	4	50232	4	50232	4	50232
4D	Tube Panel Clamp - Top/Bottom	12	50230	20	50230	24	50230	28	50230	32	50230	36	50230	40	50230
4E	Tube Panel Clamp - Top/Bottom	4	50234	--	--	--	--	--	--	--	--	--	--	--	--
4F	Panel Washer 3/8"	72	25151	80	25151	88	25151	96	25151	104	25151	112	25151	120	25151
4G	Panel Nuts 3/8"-16	72	25114	80	25114	88	25114	96	25114	104	25114	112	25114	120	25114
4H	Left Tube Panels (each side)	1	50213	1	50212	1	50211	1	50211	1	50214	1	50210	1	50215
4J/K	Left Tube Panel Insulation (each side)	1	50213.1	1	50222	1	50211.1	1	50211.1	1	50224	1	50220	1	50215.1
4L	Center Tube Panels (each side)	2	50216	3	50216	4	50216	5	50216	6	50216	7	50216	8	50216
	Center Tube Panel Insulation (each side)	2	50226	3	50226	4	50226	5	50226	6	50226	7	50226	8	50226

REPL.: 7/1/98

FORCED DRAFT - WATER PARTS LIST

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ITEM	DESCRIPTION	RW850		RW1050		RW1260		RW1500		RW1700		RW1900		RW2100	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
4M	Right Tube Panels (each side)	1	50218	1	50218	1	50218	1	50218	1	50218	1	50218	1	50218
	Right Tube Panel Insulation (each side)	1	50228	1	50228	1	50228	1	50228	1	50228	1	50228	1	50228
4N	Panel Rope Gasket (Ft. per panel)	7	24621	7	24621	7	24621	7	24621	7	24621	7	24621	7	24621
4P	Vertical Door Bar	6	50236	8	50236	10	50236	12	50236	14	50236	16	50236	18	50236
4Q	Door Bar Studs 3/8"-16x1"	60	25183	80	25183	100	25183	120	25183	140	25183	160	25183	180	25183
4R	Door Bar Washer 3/8"	60	25151	80	25151	100	25151	120	25151	140	25151	160	25151	180	25151
4S	Door Bar Nuts 3/8"-16	60	25114	80	25114	100	25114	120	25114	140	25114	160	25114	180	25114
	FLUE COLLECTOR ASSEMBLY														
5	FLUE COLLECTOR FRONT PLATE BOTTOM	1	50125	1	50125	1	50125	1	50125	1	50125	1	50125	1	50125
5R	FLUE COLLECTOR FRONT PLATE TOP	1	50125.1	1	50125.1	1	50125.1	1	50125.1	1	51125.1	1	50125.1	1	50125.1
5A	Front Flue Collector Studs 3/8"-16x1-1/2"	8	25187	8	25187	8	25187	8	25187	8	25187	8	25187	8	25187
5B/C	Front Panel Insulation	1	50125.3	1	50125.3	1	50125.3	1	50125.3	1	50125.3	1	50125.3	1	50125.3
5D	Flue Collector Rear Plate Top	1	50127	1	50127	1	50127	1	50127	1	50127	1	50127	1	50127
5E	Flue Collector Rear Plate Bottom	1	50127.1	1	50127.1	1	50127.1	1	50127.1	1	50127.1	1	50127.1	1	50127.1
5F	Rear Access Plug Rope Gasket (Ft.)	2	24621	2	24621	2	24621	2	24621	2	24621	2	24621	2	24621
5G	Combustion Chamber Rear Access Plug (Specify Size)	1	50120	1	50120	1	50120	1	50120	1	50120	1	50120	1	50120
5H	Combustion Chamber Rear Access Plug Insulation	1	50120.1	1	50120.1	1	50120.1	1	50120.1	1	50120.1	1	50120.1	1	50120.1
5K	Front/Rear Plug Clamp (8 Front & 3 Rear)	11	2127	11	2127	11	2127	11	2127	11	2127	11	2127	11	2127
5L	Rear Access Plug Nut (1/2"x13")	3	25115	3	25115	3	25115	3	25115	3	25115	3	25115	3	25115
5M	Front Burner Plug Nut (3/8"x16")	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114	8	25114
5N	Rear Panel Bottom (New 95) (110 Sq. Ft.) Insulation	1	50127.2	1	50127.2	1	50127.2	1	50127.2	1	50127.2	1	50127.2	1	50127.2
5P/Q	Top (30 Sq. Ft.) Insulation Rear	1	50132	1	50132	1	50132	1	50132	1	50132	1	50132	1	50132
6	Horizontal Baffle	2	50302	--	--	2	50300	2	50304	--	--	2	50308	--	--
6	Horizontal Baffle	2	50310	2	50312	2	50302	2	50306	4	50308	2	50312	4	50312
6A	1st Vertical Baffle	2	50358	2	50358	2	50358	2	50358	2	50358	2	50358	2	50358
6B	"T" Baffle	--	--	--	--	1	50340	1	50348	1	50346	1	50348	--	--
6B	"T" Baffle	1	50348	2	50342	1	50348	1	50344	1	50348	1	50350	4	50342
6C	2nd Vertical Baffle	2	50360	2	50360	2	50360	2	50360	2	50360	2	50360	2	50360

REPL.: 7/1/98

FORCED DRAFT - WATER PARTS LIST

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[illegible]

EFF.DATE: 1/1/02

REPL.: 7/1/98

RW - SERIES
FORCED DRAFT - WATER
PARTS LIST

FORM 1973

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ITEM	DESCRIPTION	RW850		RW1050		RW1260		RW1500		RW1700		RW1900		RW2100	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
8	Jacket Top Channel Support	7	11050	8	11050	9	11050	10	11050	10	11050	11	11050	11	11050
8A	Jacket Top Panel W/Cutout Nozzle (D)	1	50436	1	50436	1	50436	1	50436	1	50436	1	50436	1	50436
8B	Jacket Top Panel W/Flue Cutout (C)	1	50420	1	50425	1	50422	1	50428	1	50426	1	50424	1	50430
8C	Jacket Top Panel (B)	1	50402	1	50406	2	50402	2	50406	3	50402	3	50406	3	50406
8D	Jacket Top Panel (A)	1	50400	1	50400	1	50400	1	50400	1	50400	1	50400	1	50400
8E	Top Insulation Complete	1	50420.5	1	50425.5	1	50422.5	1	50428.5	1	50426.5	1	50424.5	1	50430.5
8F	Upper Filler Panel with insulation (left end)	2	50450	2	50452	2	50454	2	50456	2	50460	2	50458	2	50458
8G	Upper Filler Panel (Center) "F" with insulation	--	--	--	--	--	--	--	--	--	--	2	50482	2	50484
8H	Upper Filler Panel "B" with insulation (right end)	2	50466	2	50468	2	50470	2	50472	2	50476	2	50474	2	50474
8J	Front Upper Jacket Panel with insulation (left/right)	1	50253	1	50253	1	50253	1	50253	1	50253	1	50253	1	50253
8K	Rear Upper Jacket Panel with insulation (left/right)	1	50255	1	50255	1	50255	1	50255	1	50255	1	50255	1	50255
8L	Upper Filler Panel Insulation (per panel)	1	50255.5	1	50255.5	1	50255.5	1	50255.5	1	50255.5	1	50255.5	1	50255.5
9	FORCED DRAFT BURNER ASSEMBLY	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS													
9A	Burner Plug														
9B	Burner Plug Studs (3/8"x16x1-3/4")	6	25186	6	25186	6	25186	6	25186	6	25186	6	25186	6	25186
9C	Burner Plug Rope Gasket (Ft.)	17	24622	17	24622	17	24622	17	24622	17	24622	17	24622	17	24622
9D	Burner Ret. Clip Nut (3/8"x16)	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114	6	25114
10	Low Water Cutoff & Pump Control (PS-851)	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS													
11	Pressure/Temperature Gauge (30-240 ⁰ , 60#, 3" Std.)														
12	Control Panel (10 x10)														
13	Aquastat Well														
14	Boiler Tube Driver *	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
15	Boiler Tube Puller *	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
16	Boiler Tube Brush *	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

* Not Standard: Available Upon Request

EFF. DATE 1/1/02

REPL.3/1/98

ILLUSTRATED PARTS LIST

FORM 1972-RW-FD-S

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FOR RW – SERIES, FORCED DRAFT, STEAM BOILERS Models RW850 THRU RW2100

ORDERING INSTRUCTIONS

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

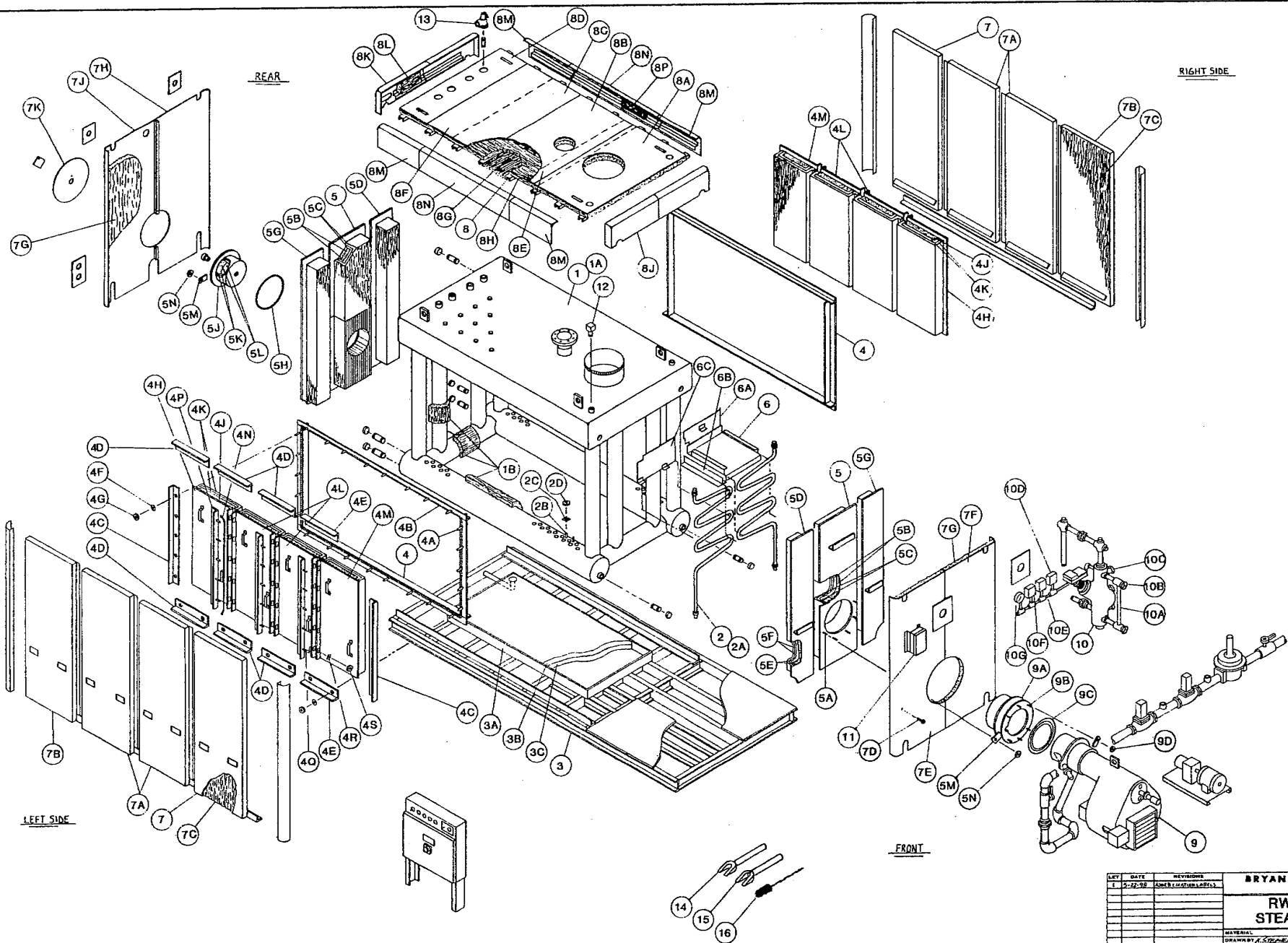
- | | | | |
|----|--|----|-----------------------|
| 1. | QUANTITY OF ITEMS REQUIRED | 4. | BOILER MODEL NUMBER |
| 2. | PART NUMBER FROM THIS PARTS LIST (IF LISTED) | 5. | BOILER SERIAL NUMBER |
| 3. | DESCRIPTION OF PART | 6. | SHIPPING INSTRUCTIONS |

EXAMPLE

PLEASE FORWARD TO US:

QTY.	PART NO.	DESCRIPTION	FOR MODEL	BOILER SERIAL NO.	SHIP VIA
5	50101	Boiler Tubes	RW1700	12345	Freight Truck

BRYAN STEAM LLC
783 N. CHILI AVE. * PERU * INDIANA * 46970
PHONE: 765-473-6651 * FAX: 765-473-3074
E-MAIL: inquiry@bryansteam.com * INTERNET: <http://www.bryanboilers.com>



BRYAN STEAM CORP.			
PERU, IND.			
RW SERIES STEAM BOILER			
LET	DATE	REVISIONS	
1	5-22-98	AMERICAN LABS.	
MATERIAL			
DRAWN BY J. S. DEAN		CHECKED	
TRACED BY		APPROVED	
SCALE			
DATE 11-15-11			
			D-12208

**RW - SERIES
FORCED DRAFT - STEAM
PARTS LIST**

ITEM	DESCRIPTION	RW850		RW1050		RW1260		RW1500		RW1700		RW1900		RW2100	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
1	BOILER FRAME ASSEMBLY - 15# w/ Tubes	1	60400	1	60402	1	60404	1	60406	1	60408	1	60410	1	60412
1A	BOILER FRAME ASSEMBLY - 150# w/ Tubes	1	60414	1	60416	1	60418	1	60420	1	60422	1	60424	1	60426
1B	Boiler Frame Ceramic Fiber	1	50540	1	50542	1	50544	1	50546	1	50548	1	50550	1	50552
	BOILER TUBE ASSEMBLY														
2	Inside Tubes (Old style prior to 12/31/95) *	60	50100	68	50100	82	50100	96	50100	110	50100	124	50100	138	50100
2A	Outside Tubes (Old style prior to 12/31/95) *	60	50101	68	50101	82	50101	96	50101	110	50101	124	50101	138	50101
2B	Tube Studs 3/8 - 16 x 2-3/8"	120	25187	136	25187	164	25187	192	25187	220	25187	248	25187	276	25187
2C	Tube Clamps	120	23623	136	23623	164	23623	192	23623	220	23623	248	23623	276	23623
2D	Tube Clamp Nut 3/8"x16	120	25114	136	25114	164	25114	192	25114	220	25114	248	25114	276	25114
	BOILER BASE ASSEMBLY														
3	BOILER BASE ASSEMBLY	1	60120	1	60122	1	60124	1	60126	1	60128	1	60130	1	60132
3A	Boiler Floor Pan Assembly	1	50103	1	50105	1	50107	1	50109	1	50111	1	50113	1	50115
3B	Floor Pan Refr. (Castable Bags)(50# Bags)	12	24555	13	24555	14	24555	15	24555	18	24555	22	24555	25	24555
3C	Floor Pan Insulation (monoblock)	1	50103.5	1	50105.5	1	50107.5	1	50109.5	1	50111.5	1	50113.5	1	50115.5
	TUBE ACCESS PANEL ASSEMBLY (4H-4M)														
4	Tube Access Panel Frame	2	50660	2	50662	2	50664	2	50666	2	50668	2	50670	2	50672
4A	Panel Weld Stud 3/8-16x1	72	25183	80	25183	88	25183	96	25183	104	25183	112	25183	120	25183
4B	Tube Frame Rope Gasket (1/2" feet per frame)	32	24621	34	24621	38	24621	42	24621	45	24621	49	24621	53	24621
4C	Vertical Tube Panel Clamp, End	4	50232	4	50232	4	50232	4	50232	4	50232	4	50232	4	50232
4D	Tube Panel Clamp - Top/Bottom	12	50230	20	50230	24	50230	28	50230	32	50230	36	50230	40	50230
4E	Tube Panel Clamp - Top/Bottom	4	50234	--	--	--	--	--	--	--	--	--	--	--	--
4F	Panel Washer 3/8"	72	25151	80	25151	88	25151	96	25151	104	25151	112	25151	120	25151
4G	Panel Nuts 3/8"-16	72	25114	80	25114	88	25114	96	25114	104	25114	112	25114	120	25114
4H	Left Tube Panels (each side)	1	50683	1	50682	1	50681	1	50681	1	50684	1	50680	1	50685
4J/K	Left Tube Panel Insulation (each side)	1	50683.1	1	50702	1	50681.1	1	50681.1	1	50704	1	50700	1	50685.1
4L	Center Tube Panels (each side)	2	50688	3	50688	4	50688	5	50688	6	50688	7	50688	8	50688
	Center Tube Panel Insulation (each side)	2	50708	3	50708	4	50708	5	50708	6	50708	7	50708	8	50708
4M	Right Tube Panels (each side)	1	50690	1	50690	1	50690	1	50690	1	50690	1	50690	1	50690
	Right Tube Panel Insulation (each side)	1	50710	1	50710	1	50710	1	50710	1	50710	1	50710	1	50710

* Upper fitting longer on 150# boilers

REPL.: 7/1/98

FORCED DRAFT - STEAM

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ITEM	DESCRIPTION	RW850		RW1050		RW1260		RW1500		RW1700		RW1900		RW2100	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
4N	Panel Rope Gasket (Ft. per panel)	7	24621	7	24621	7	24621	7	24621	7	24621	7	24621	7	24621
4P	Vertical Door Bar	6	50720	8	50720	10	50720	12	50720	14	50720	16	50720	18	50720
4Q	Door Bar Studs 3/8"-16x1"	60	25183	80	25183	100	25183	120	25183	140	25183	160	25183	180	25183
4R	Door Bar Washer 3/8"	60	25151	80	25151	100	25151	120	25151	140	25151	160	25151	180	25151
4S	Door Bar Nuts 3/8"-16	60	25114	80	25114	100	25114	120	25114	140	25114	160	25114	180	25114
	FLUE COLLECTOR ASSEMBLY														
5	Front Center Panel, (one piece)	1	50610	1	50610	1	50610	1	50610	1	50610	1	50610	1	50610
5	Rear Flue Collector Center Top Panel	1	50615	1	50615	1	50615	1	50615	1	50615	1	50615	1	50615
5	Rear Flue Collector Center Bottom Panel	1	50617	1	50617	1	50617	1	50617	1	50617	1	50617	1	50617
	Rear Flue Collector Center Panel (Top & Bottom)	1	50616	1	50616	1	50616	1	50616	1	50616	1	50616	1	50616
5A	Front Rear Panel Studs 3/8"-16 - 2-1/2"	16	25187	16	25187	16	25187	16	25187	16	25187	16	25187	16	25187
5B/C	Rear Flue Coll. Cntr Top Panel Insulation	1	50615.1	1	50615.1	1	50615.1	1	50615.1	1	50615.1	1	50615.1	1	50615.1
	Rear Flue Coll. Cntr Bottom Panel Insulation	1	50617.1	1	50617.1	1	50617.1	1	50617.1	1	50617.1	1	50617.1	1	50617.1
5B/C	Front Flue Coll. Center Panel Insulation	1	50610.1	1	50610.1	1	50610.1	1	50610.1	1	50610.1	1	50610.1	1	50610.1
5D	Front/Rear Corner Panels	4	50611	4	50611	4	50611	4	50611	4	50611	4	50611	4	50611
5E/F	Front/Rear Corner Panel Insulation	4	50611.1	1	50611.1	4	50611.1	4	50611.1	4	50611.1	4	50611.1	4	50611.1
5H	Rear Access Plug Rope Gasket (Ft.)	7	24621	78	24621	7	24621	7	24621	7	24621	7	24621	7	24621
5J	Rear Access Plug Assembly (changed from sq. to round 3/1/92)	1	60450	1	60450	1	60450	1	60450	1	60450	1	60450	1	60450
5K	Rear Access Plug Insulation	1	60455	1	60455	1	60455	1	60455	1	60455	1	60455	1	60455
5M	Front/Rear Plug Clamp	16	2127	16	2127	16	2127	16	2127	16	2127	16	2127	16	2127
5N	Front/Rear Plug Nut 3/8"-16	16	25114	16	25114	16	25114	16	25114	16	25114	16	25114	16	25114
	BAFFLES														
6	Horizontal Baffle	--	--	--	--	2	50300	2	50304	--	--	2	50308	--	--
6	Horizontal Baffle	2	50310	2	50312	2	50302	2	50306	4	50308	2	50312	4	50312
6A	1st Vertical Baffle	2	50358	2	50358	2	50358	2	50358	2	50358	2	50358	2	50358
6B	"T" Baffle	--	--	--	--	1	50340	1	50348	1	50346	1	50348	--	--
6B	"T" Baffle	1	50348	2	50342	1	50348	1	50344	1	50348	1	50348	4	50342
6C	2nd Vertical Baffle	2	50360	2	50360	2	50360	2	50360	2	50360	2	50360	2	50360
	JACKET ASSEMBLY														
	JACKET DOOR (verify qty & size on boilers prior to 92)														
7	Jacket Door 19E Right End 32-7/16" (each side)	1	50248	1	50248	1	50248	1	50248	1	50248	1	50248	1	50248
7A	Jacket Door 14T 22-5/10" (each side)	3	50242	3	50242	4	50242	5	50242	6	50242	7	50242	8	50242
7B	Jacket Door 11T 17-1/2" (each side)	1	50240	--	--	--	--	--	--	--	--	--	--	--	--
	Jacket Door 19T 30-5/16" (each side)	--	--	1	50246	1	50246	1	50246	1	50246	1	50246	1	50246

REPL.: 7/1/98

FORCED DRAFT - STEAM

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ITEM	DESCRIPTION	RW850		RW1050		RW1260		RW1500		RW1700		RW1900		RW2100	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
7C	Jacket Door Insulation 19E (per panel)	1	50248.1	1	50248.1	1	50248.1	1	50248.1	1	50248.1	1	50248.1	1	50248.1
	Jacket Door Insulation 19T (per panel)	--	--	1	50246.1	1	50246.1	1	50246.1	1	50246.1	1	50246.1	1	50246.1
	Jacket Door Insulation 14T (per panel)	1	50242.1	1	50242.1	1	50242.1	1	50242.1	1	50242.1	1	50242.1	1	50242.1
	Jacket Door Insulation 11T (per panel)	1	50240.1	--	--	--	--	--	--	--	--	--	--	--	--
7D	Jacket Screws	--	25011	--	25011	--	25011	--	25011	--	25011	--	25011	--	25011
7E/F	Front End Jacket Panel - Left/Right	2	50806	2	50806	2	50806	2	50806	2	50806	2	50806	2	50806
7G	Front End Jacket Insulation (46"x91") Left/Right	2	50806.5	2	50806.5	2	50806.5	2	50806.5	2	50806.5	2	50806.5	2	50806.5
7H/J	Rear End Jacket Panel Left/Right	2	50808	2	50808	2	50808	2	50808	2	50808	2	50808	2	50808
	Rear End Jacket Insulation, Left/Right	2	50808.5	2	50808.5	2	50808.5	2	50808.5	2	50808.5	2	50808.5	2	50808.5
7K	Rear Access Cover (Specify Size)	1	50808.7	1	50808.7	1	50808.7	1	50808.7	1	50808.7	1	50808.7	1	50808.7
8	Jacket Top Channel Support	7	11050	8	11050	9	11050	10	11050	10	11050	11	11050	11	11050
8A	Jacket Top Panel, Burner End	1	50760.1	1	50762.1	1	50764.1	1	50766.1	1	50768.1	1	50772.1	1	50774.1
8B	Jacket Top Panel, Flue & Nozzle, 15#	1	50760.2	1	50762.2	1	50764.2	1	50776.2	--	--	--	--	--	--
	Jacket Top Panel, Flue & Nozzle, 150#	1	50760.3	1	50762.3	1	50764.3	1	50766.3	--	--	--	--	--	--
	Jacket Top Panel, Lug Panel, Left End	--	--	--	--	--	--	1	50766.6	1	50768.7	1	50772.7	1	50774.7
8C	Jacket Top Panel, Nozzle (Left) 15#	1	50760.4	1	50762.4	1	50764.4	1	50766.4	1	50768.5	1	50772.5	1	50774.5
	Jacket Top Panel, Nozzle (Left), 150#	1	50760.5	1	50762.5	1	50764.5	1	50766.5	1	50768.6	1	50772.6	1	50774.6
8D	Jacket Top Panel, Access Plug End	1	50760.6	1	50762.6	1	50764.6	1	50766.7	1	50768.8	1	50772.8	1	50774.8
8E	Jacket Top Panel, Flue (Left)	--	--	--	--	--	--	--	--	1	50768.2	1	50772.2	1	50774.2
8F	Jacket Top Panel, Nozzle (Right), 15#	--	--	--	--	--	--	--	--	1	50768.3	1	50772.3	1	50774.3
	Jacket Top Panel, Nozzle (Right), 150#	--	--	--	--	--	--	--	--	1	50768.4	1	50772.4	1	50774.4
8G	Jacket Top Insulation (Complete Top)	1	50760.9	1	50762.9	1	50764.9	1	50766.9	1	50768.9	1	50772.9	1	50774.9
8J	Front Upper Jacket Section	1	50807	1	50807	1	50807	1	50807	1	50807	1	50807	1	50807
8K	Rear Upper Jacket Section	1	50809	1	50809	1	50809	1	50809	1	50809	1	50809	1	50809
8L	Upper Section Insulation (Front/Rear) (per panel)	1	50808.2	1	50808.2	1	50808.2	1	50808.2	1	50808.2	1	50808.2	1	50808.2
8M	Upper Filler Panel	4	50730	4	50732	4	50734	4	50736	4	50740	4	50738	4	50738
8N	Upper Filler Panel	--	--	--	--	--	--	--	--	--	--	2	50754	2	50756
8P	Upper Filler Panel Insulation (End Panel) (per panel)	1	50730.5	1	50732.5	1	50734.5	1	50736.5	1	50740.5	1	50738.5	1	50738.5
	Upper Filler Panel Insulation (Center Panel)	--	--	--	--	--	--	--	--	--	--	1	50754.5	1	50756.5
9	FORCED DRAFT BURNER ASSEMBLY	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS													
9A	Burner Plug														
9B	Burner Plug Studs (3/8"x16x1-3/4")	6	25186	6	25186	6	25186	6	25186	6	25186	6	25186	6	25186
9C	Burner Plug Rope Gasket (Ft.)	17	24622	17	24622	17	24622	17	24622	17	24622	17	24622	17	24622
9D	Burner Ret. Clip Nut (3/8"x16)	6	25183	6	25183	6	25183	6	25183	6	25183	6	25183	6	25183

EFF.DATE: 1/1/02

REPL.: 7/1/98

**RW - SERIES
FORCED DRAFT - STEAM
PARTS LIST**

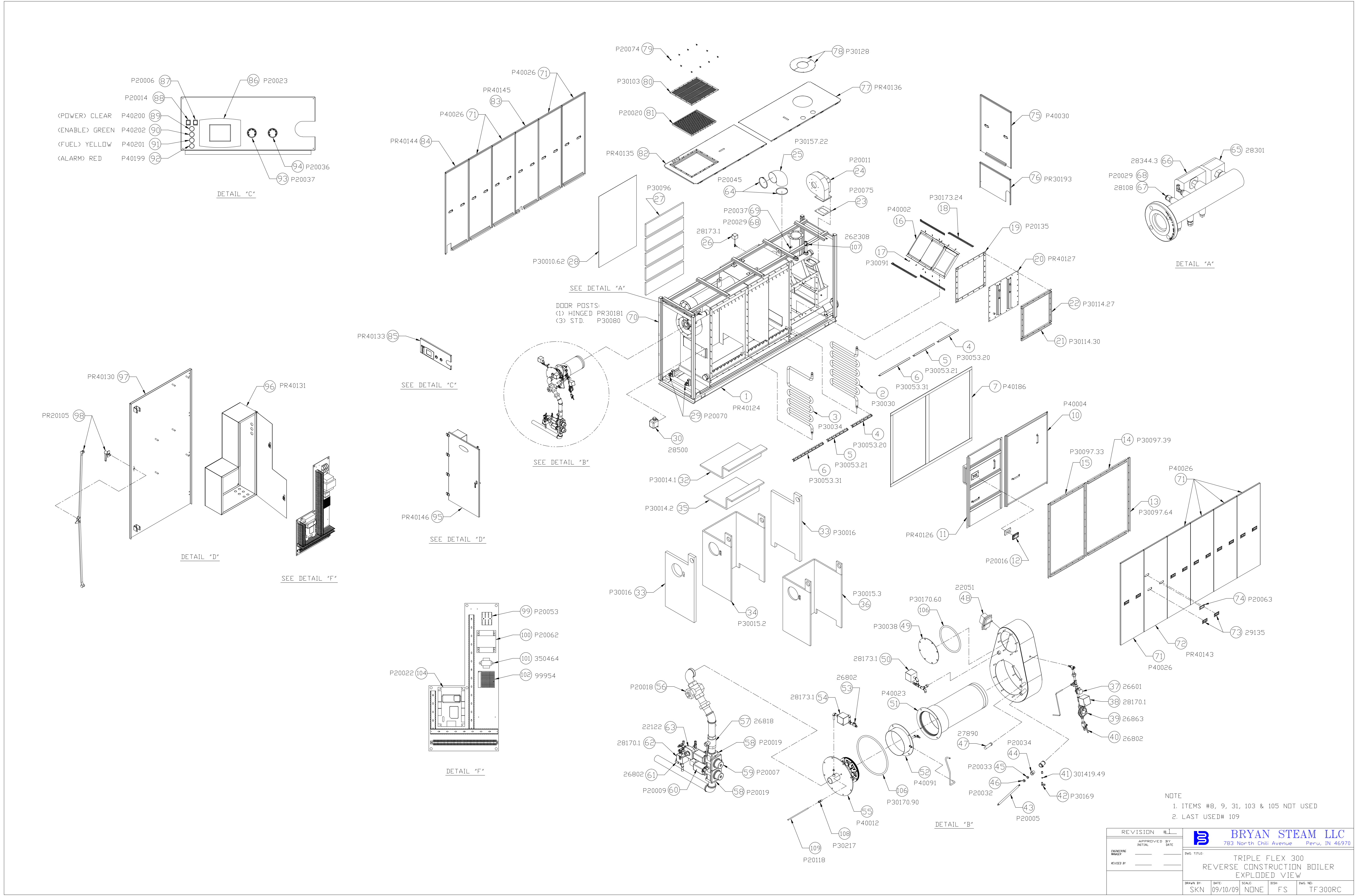
FORM 1972

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ITEM	DESCRIPTION	RW850		RW1050		RW1260		RW1500		RW1700		RW1900		RW2100	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
	CONTROLS	REFER TO EQUIPMENT LIST FOR SPECIFIC PARTS													
10	Low Water Cutoff & Pump Control (157SRB)														
10A	Gauge Glass Set (20-251-00)														
10B	Gauge Glass Valves														
10C	Try Cocks (26-315-01)														
10D	Pressuretrol - Operator (L404)														
10E	Pressuretrol - High Limit (L404)														
10F	Pressuretrol - Modulation (T991A)														
10G	Pressure Gauge (30#, 60#, 100#, 200# or 300# Std.)														
11	Control Panel (10 X 10)														
12	Probe Assembly (750)														
13	Safety Relief Valve (15# or 150# Std.)														
	TOOLS														
14	Boiler Tube Driver *	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906	1	28906
15	Boiler Tube Puller *	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910	1	28910
16	Boiler Tube Brush **	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917	1	28917

* Furnished as standard on High Pressure Steam Boilers Only

** Not Standard: Available Upon Request



NOTE
1. ITEMS #8, 9, 31, 103 & 105 NOT USED
2. LAST USED# 109

REVISION		1
ENGINEERING	APPROVED BY	DATE
DESIGNED	INITIAL	
REVISED BY		
BRYAN STEAM LLC		
783 North Chili Avenue Peru, IN 46970		
DWG TITLE:		
TRIPLE FLEX 300		
REVERSE CONSTRUCTION BOILER		
EXPLODED VIEW		
DRAWN BY:	DATE:	SCALE:
SKN	09/10/09	NONE
DATE:	SCALE:	DSG
		FS
DWG NO:		
TF300RC		

BRYAN STEAM LLC
July 1, 2014 LIST TUBE PRICES

Part #	Description	List
#28905	1" TUBE PULLER	\$113.00
#28910	1.5" TUBE PULLER	\$113.00
#28901	TUBE DRIVER	\$64.00
#28903	1.5" TUBE DRIVER	\$113.00
#28917	45" TUBE BRUSH ALL BOILERS	\$40.00
#25184	3/8"X 1 3/8" STUD (CL/CLM/D/F)	\$4.00
#25187	3/8"X 2 3/8" STUDS (all other boilers)	\$4.00
#25114	NUTS (all boilers/tubes)	\$.60
#23622	TUBE CLAMPS ALL 1" TUBES	\$3.00
#23623	TUBE CLAMPS ALL 1.5 TUBES	\$4.00
#400131	1" CL TUBES	\$147.00
#400176	1" CLM TUBES	\$147.00
#3001	1" D/F LONG TUBES	\$118.00
#3002	1" D/F SHORT TUBES	\$118.00
#3201	1.5" L SERIES RIGHT HAND TUBES	\$236.00
#3202	1.5" L SERIES LEFT HAND TUBES	\$236.00
#32124	1.5" K OUTSIDE TUBES	\$236.00
#32125	1.5" K INSIDE TUBES	\$236.00
#77121	1" AB INSIDE TUBES	\$206.00
#77120	1" AB OUTSIDE TUBES	\$206.00
#38100	1.5" RV/EB OUTSIDE TUBES	\$250.00
#38101	1.5" RV/EB INSIDE TUBES	\$250.00
#50100	1.5" RW INSIDE TUBES	\$265.00
#50101	1.5" RW OUTSIDE TUBES	\$265.00
#300016	1" DR OUTSIDE TUBES	\$206.00
#300017	1" DR INSIDE TUBES	\$206.00
#3698	1.5" LM SERIES SHORT TUBES	\$236.00
#3699	1.5" LM SERIES LONG TUBES	\$236.00
#P30034	TRIPLE FLEX FURNACE TUBE	\$407.00
#P30030	TRIPLE FLEX CONNECTION TUBE	\$441.00