

EFF. DATE: 1/1/02

REPL. NEW

# ILLUSTRATED PARTS LIST

FORM -DR-S-FD

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

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## 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
9	300017	Boiler Tubes Outside	DR350	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](mailto:bryanboilers@iquest.net) \* INTERNET: <http://www.bryanboilers.com>



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

FORM DR-S

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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									
	<b>BOILER TUBE ASSEMBLY</b>										
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	<b>BASE SKID ASSEMBLY (48-54)</b>	1	400014	1	400014	1	400014	1	400000	1	400000
	<b>TUBE ACCESS PANEL ASSEMBLY</b>	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
	<b>COMBUSTION CHAMBER PAN ASSEMBLY</b>	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

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

FORM DR-S

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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.
	<b>FLUE COLLECTOR ASSEMBLY</b>	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
	<b>JACKET ASSEMBLY</b>	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

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

FORM DR-S  
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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.
<b>BURNER ASSEMBLY</b>											
	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
<b>CONTROLS</b>											
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.)										
<b>TOOLS</b>											
	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