

# BRYAN<sup>®</sup> BOILERS

## QUICK SELECTION GUIDE

### 15# STEAM

AB Series	DR Series	EB Series	RV Series	RW Series
				

### Steam Boilers (Water Tube Design)

### Multi-Fuel Forced Draft with up to 85% Efficiency

Boiler HP	21-72	8-20	75-240	84-191	250-600
Standard Design Pressure - Steam	15 psi	15 psi	15 psi	15 psi	15 psi
Indirect Heating Coil	15 psi	15 psi	15 psi	15 psi	15 psi
Forced Draft Gas	YES	YES	YES	YES	YES
Forced Draft Oil	YES	YES	YES	YES	YES
Dual-Fuel Gas/Oil or	YES	YES	YES	YES	YES
Low NOx Option	YES	YES	YES	YES	YES
Knockdown Option	YES / UL Listed	<b>Call Factory</b>	YES / UL Listed	YES / UL Listed	<b>Call Factory</b>
Venting	Forced Draft	Forced Draft	Forced Draft	Forced Draft	Forced Draft
Warranty	<b>25 YEAR THERMAL SHOCK</b>				



# QUICK SELECTION GUIDE

## 15# Steam Boiler Ratings

### AB SERIES - RATINGS - 15# STEAM

Boiler Model	Input (MBH)	81% Thermal Natural Gas		BHP	84% Thermal No. 2 Oil*		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
AB-90	900	729	752	21	756	779	Flange	4"	10"	2600
AB-120	1200	972	1002	29	1008	1039	Flange	6"	10"	3050
AB-150	1500	1215	1253	36	1260	1299	Flange	6"	10"	3500
AB-200	2000	1620	1670	48	1680	1732	Flange	6"	10"	4150
AB-250	2500	2025	2088	60	2100	2165	Flange	8"	12"	4800
		82% Thermal		BHP	85% Thermal*					
AB-300	3000	2460	3093	72	2550	2629	Flange	8"	12"	5200

\*Consult factory

### EB SERIES - RATINGS - 15# STEAM

Boiler Model	Input (MBH)	80% Combustion Natural Gas		BHP	81.5% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
EB-75	3200	2560	2639	75	2608	2689	Flange	6"	12"	5810
EB-100	4200	3360	3464	100	3423	3529	Flange	8"	16"	8170
EB-125	5250	4200	4330	125	4279	4411	Flange	8"	16"	8300
EB-150	6300	5040	5196	150	5135	5293	Flange	8"	16"	8420
EB-175	7325	5860	6041	175	5970	6155	Flange	10"	18"	11175
EB-200	8500	6800	7010	200	6928	7142	Flange	10"	18"	11305
EB-240	10000	8000	8247	240	8150	8402	Flange	10"	20"	14455

### DR SERIES - RATINGS - 15# STEAM

Boiler Model	Input (MBH)	82% Thermal Natural Gas		BHP	85% Thermal No. 2 Oil*		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
DR-350	350	287	296	8	298	307	Flange	3"	6"	1150
DR-450	450	369	380	10	383	394	Flange	3"	6"	1150
DR-650	650	533	549	15	553	570	Flange	4"	8"	1650
DR-850	850	697	719	20	723	745	Flange	4"	8"	1650

\*Consult factory

### RV SERIES - RATINGS - 15# STEAM

Boiler Model	Input* (MBH)	82% Thermal Natural Gas		BHP	85% Thermal No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
RV-350	3325	2727	2811	84	2826	2914	Flange	8"	16"	7110
RV-400	3800	3116	3212	96	3230	3330	Flange	10"	16"	8170
RV-450	4275	3506	3614	108	3634	3746	Flange	10"	16"	8540
RV-500	4750	3895	4015	120	4038	4162	Flange	10"	16"	9650
RV-550	5225	4285	4417	131	4441	4579	Flange	10"	16"	10175
RV-600	5700	4674	4819	143	4845	4995	Flange	12"	16"	11335
RV-700	6650	5453	5622	167	5653	5827	Flange	12"	20"	12900
RV-800	7600	6232	6425	191	6460	6660	Flange	12"	20"	14455

\* With 5% derate

### RW SERIES - RATINGS - 15# STEAM

Boiler Model	Input* (MBH)	82.5% Combustion Natural Gas		BHP	85% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
RW-1050	10500	8663	8930	250	8925	9201	Flange	10"	20"	23700
RW-1260	12600	10395	10716	300	10710	11041	Flange	12"	22"	26100
RW-1500	15000	12375	12758	350	12750	13144	Flange	12"	22"	29200
RW-1700	17000	14025	14459	400	14450	14897	Flange	12"	24"	32400
RW-1900	19000	15675	16160	450	16150	16649	Flange	12"	26"	34300
RW-2100	21000	17325	17861	500	17850	18402	Flange	12"	28"	36800
RW-2100 Overfired	25200	20790	21433	600	21420	22082	Flange	12"	28"	36800

# BRYAN<sup>®</sup> BOILERS

## QUICK SELECTION GUIDE WATER BOILERS



### Water Boilers (Water Tube Design)

### Multi-Fuel Forced Draft with up to 88% Efficiency

<b>Boiler HP</b>	21-72	8-20	75-240	84-191	250-600
<b>Standard Design Pressure - Water</b>	160 psi	160 psi	160 psi	160 psi	160 psi
<b>Indirect heating Coil</b>	Water / 15 psi	Water / 15 psi	Water / 15 psi	Water / 15 psi	Water / 15 psi
<b>Forced Draft Gas</b>	YES	YES	YES	YES	YES
<b>Forced Draft Oil</b>	YES	YES	YES	YES	YES
<b>Dual-Fuel Gas/Oil or Gas/Gas</b>	YES	YES	YES	YES	YES
<b>Low NOx Option</b>	YES	YES	YES	YES	YES
<b>Knockdown Option</b>	YES / UL Listed	<b>Call Factory</b>	YES / UL Listed	YES / UL Listed	<b>Call Factory</b>
<b>Venting</b>	Forced Draft	Forced Draft	Forced Draft	Forced Draft	Forced Draft
<b>Warranty</b>	<b>25 YEAR THERMAL SHOCK</b>				



# QUICK SELECTION GUIDE

## Water Boiler Ratings

### AB SERIES - RATINGS - WATER

Boiler Model	Input (MBH)	84% Thermal Natural Gas		BHP	87% Thermal No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
AB-90	900	756	2639	21	783	2689	Flange	3"	10"	2600
AB-120	1200	1008	3464	29	1044	3529	Flange	3"	10"	3050
AB-150	1500	1260	4330	36	1305	4411	Flange	3"	10"	3500
AB-200	2000	1680	5196	48	1740	5293	Flange	3"	10"	4150
AB-250	2500	2100	6041	60	2175	6155	Flange	3"	12"	4800
		85% Combustion		BHP	88% Combustion					
AB-300	3000	2550	8247	72	2640	8402	Flange	3"	12"	5200

### EB SERIES - RATINGS - WATER

Boiler Model	Input (MBH)	80% Combustion Natural Gas		BHP	81.5% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
EB-75	3200	2560	2639	75	2608	2689	Flange	4"	12"	5810
EB-100	4200	3360	3464	100	3423	3529	Flange	6"	16"	8170
EB-125	5250	4200	4330	125	4279	4411	Flange	6"	16"	8300
EB-150	6300	5040	5196	150	5135	5293	Flange	6"	16"	8420
EB-175	7325	5860	6041	175	5970	6155	Flange	6"	18"	11175
EB-200	8500	6800	7010	200	6928	7142	Flange	6"	18"	11305
EB-240	10000	8000	8247	240	8150	8402	Flange	6"	20"	14455

### DR SERIES - RATINGS - WATER

Boiler Model	Input (MBH)	84% Thermal Natural Gas		BHP	87% Thermal No. 2 Oil*		Supply & Return		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
DR-350	350	294	2639	8	305	2689	CPLG	2" NPT	6"	1150
DR-450	450	378	3464	10	392	3529	CPLG	2" NPT	6"	1150
DR-650	650	546	4330	15	566	4411	CPLG	2" NPT	8"	1650
DR-850	850	714	5196	20	740	5293	CPLG	2" NPT	8"	1650

\*Consult factory

### RV SERIES - RATINGS - WATER

Boiler Model	Input* (MBH)	85% Combustion Natural Gas		BHP	88% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
RV-350	3325	2826	2639	84	2926	2689	Flange	4"	16"	7110
RV-400	3800	3230	3464	96	3344	3529	Flange	6"	16"	8170
RV-450	4275	3634	4330	108	3762	4411	Flange	6"	16"	8540
RV-500	4750	4038	5196	120	4180	5293	Flange	6"	16"	9650
RV-550	5225	4441	6041	131	4598	6155	Flange	6"	16"	10175
RV-600	5700	4845	6907	143	5016	7010	Flange	6"	16"	11335
RV-700	6650	5653	8247	167	5852	8402	Flange	6"	20"	12900
RV-800	7600	6460	9603	191	6688	9807	Flange	6"	20"	14455

\* With 5% derate

### RW SERIES - RATINGS - WATER

Boiler Model	Input* (MBH)	84% Combustion Natural Gas		BHP	86% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
RW-1050	10500	8820	8247	250	9030	8402	Flange	8"	20"	23700
RW-1260	12600	10584	9603	300	10836	9807	Flange	8"	22"	26100
RW-1500	15000	12600	11305	350	12900	11305	Flange	8"	22"	29200
RW-1700	17000	14280	12600	400	14620	12600	Flange	8"	24"	32400
RW-1900	19000	15960	14160	450	16340	14160	Flange	10"	26"	34300
RW-2100	21000	17640	15840	500	18060	15840	Flange	10"	28"	36800
RW-2100 Overfired	25200	21168	19680	600	21672	19680	Flange	10"	28"	36800



# QUICK SELECTION GUIDE

## 150# Steam Boilers



DR Series	AB Series	RV Series	EB Series	RW Series
				

### 150# Steam Boilers (Water Tube Design)

### Multi-Fuel Forced Draft with up to 82.5% Efficiency

<b>Boiler HP</b>	6-20	21-72	84-191	75-240	250-600
<b>Standard Design Pressure - Steam</b>	150 psi	150 psi	150 psi	150 psi	150 psi
<b>Forced Draft Gas</b>	YES	YES	YES	YES	YES
<b>Forced Draft Oil</b>	YES	YES	YES	YES	YES
<b>Dual-Fuel Gas/Oil or Gas/Gas</b>	YES	YES	YES	YES	YES
<b>Low NOx Option</b>	YES	YES	YES	YES	YES
<b>Knockdown Option</b>	<b>Call Factory</b>	YES / UL Listed	YES / UL Listed	YES / UL Listed	<b>Call Factory</b>
<b>Venting</b>	Forced Draft	Forced Draft	Forced Draft	Forced Draft	Forced Draft
<b>Warranty</b>	<b>25 YEAR THERMAL SHOCK</b>				

DR SERIES - RATINGS - 150# STEAM										
Boiler Model	Input (MBH)	80.5% Combustion Natural Gas		BHP	82.5% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
DR-250	250	201	207	6	206	213	Flange	3"	6"	1150
DR-350	350	282	290	8	289	298	Flange	3"	6"	1150
DR-450	450	362	373	10	371	383	Flange	3"	6"	1150
DR-650	650	523	539	15	536	553	Flange	4"	8"	1650
DR-850	850	684	705	20	701	723	Flange	4"	8"	1650

AB SERIES - RATINGS - 150# STEAM										
Boiler Model	Input (MBH)	80.5% Combustion Natural Gas		BHP	82.5% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
AB-90	900	725	747	21	743	765	Flange	3"	10"	2600
AB-120	1200	966	996	29	990	1021	Flange	3"	10"	3050
AB-150	1500	1208	1245	36	1238	1276	Flange	3"	10"	3500
AB-200	2000	1610	1660	48	1650	1701	Flange	3"	10"	4150
AB-250	2500	2013	2075	60	2063	2126	Flange	3"	12"	4800
AB-300	3000	2415	3093	72	2475	2552	Flange	3"	12"	5200

RV SERIES - RATINGS - 150# STEAM										
Boiler Model	Input (MBH)	80.5% Combustion Natural Gas		BHP	82.5% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
RV-350	3500	2818	2905	84	2888	2977	Flange	4"	16"	7110
RV-400	4000	3220	3320	96	3300	3402	Flange	6"	16"	8170
RV-450	4500	3623	3735	108	3713	3827	Flange	6"	16"	8540
RV-500	5000	4025	4149	120	4125	4253	Flange	6"	16"	9650
RV-550	5500	4428	4564	131	4538	4678	Flange	6"	16"	10175
RV-600	6000	4830	4979	143	4950	5103	Flange	6"	16"	11335
RV-700	7000	5635	5809	167	5775	5954	Flange	6"	20"	12900
RV-800	8000	6440	6639	191	6600	6804	Flange	6"	20"	14455

EB SERIES - RATINGS - 150# STEAM										
Boiler Model	Input (MBH)	80% Combustion Natural Gas		BHP	81.5% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
EB-75	3200	2560	2639	75	2608	2689	Flange	4"	12"	5810
EB-100	4200	3360	3464	100	3423	3529	Flange	6"	16"	8170
EB-125	5250	4200	4330	125	4279	4411	Flange	6"	16"	8300
EB-150	6300	5040	5196	150	5135	5293	Flange	6"	16"	8420
EB-175	7325	5860	6041	175	5970	6155	Flange	6"	18"	11175
EB-200	8500	6800	7010	200	6928	7142	Flange	6"	18"	11305
EB-240	10000	8000	8247	240	8150	8402	Flange	6"	20"	14455

RW SERIES - RATINGS - 150# STEAM										
Boiler Model	Input (MBH)	80.5% Combustion Natural Gas		BHP	82.5% Combustion No. 2 Oil		Supply Nozzle		Stack Dia.	Approx Ship Weight (lbs)
		Output MBH	Lbs/Hr		Output MBH	Lbs/Hr				
RW-1050	10500	8453	8714	250	8663	8930	Flange	6"	20"	23700
RW-1260	12600	10143	10457	300	10395	10716	Flange	6"	22"	26100
RW-1500	15000	12075	12448	350	12375	12758	Flange	6"	22"	29200
RW-1700	17000	13685	14108	400	14025	14459	Flange	8"	24"	32400
RW-1900	19000	15295	15768	450	15675	16160	Flange	8"	26"	34300
RW-2100	21000	16905	17428	500	17325	17861	Flange	8"	28"	36800
RW-2100 Overfired	25200	20286	20913	600	20790	21433	Flange	8"	28"	36800



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