

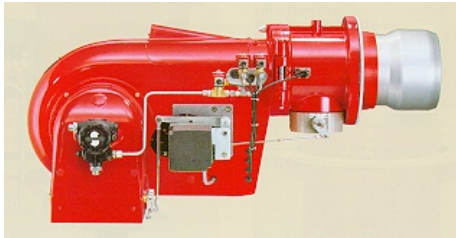
# BRYAN BOILERS

RV - WHPT  
 DATE: 01/01/06  
 REPLACES: 05/02/04

Originators of the "Flexible Water Tube" design

**WEISHAUBT BASE BURNER DATA**  
**"RV" SERIES BOILERS**  
**NATURAL GAS / No. 2 OIL**

BOILER MODEL	INPUT		BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER (2)	IGNITION MEANS (3)		MOTOR DATA (4)	FIRING SYSTEM (5)	GAS TRAIN DATA			OIL DATA			
	MBH	GPH			GAS, OIL, & G/O	GAS & G/O			OIL	HP	TRAIN SIZE NPT	STANDARD PRESS IN W.C./PSI		PUMP LOC (6)	SUC. GEAR CAP (GPH)
												MIN	MAX		
RV350	3500	25.0	Z5 - **	RM7840L/UV ***	DS		3	LHLO	1-1/2"	7.0"	1 PSI	BM	72		
RV400	4000	28.5	Z7 - **	RM7840L/UV ***	DS		4-1/4	LHLO	2"	7.0"	1 PSI	BM	72		
RV450	4500	32.1	Z7 - **	RM7840L/UV ***	DS		4-1/4	LHLO	2"	14.0"	1 PSI	BM	72		
RV 500	5000	35.7	R7 - **	RM7840L/UV ***	DS	DS	4-1/4	MOD. ****	2"	14.0"	1 PSI	BM	72		
RV 550	5500	39.2	R7 - **	RM7840L/UV ***	GP	DS	4-1/4	MOD. ****	2"	14.0"	1 PSI	RM	72		
RV 600	6000	42.8	R7 - **	RM7840L/UV ***	GP	DS	4-1/4	MOD. ****	2"	14.0"	1 PSI	RM	72		
RV 700	7000	50.0	R8 - **	RM7840L/UV ***	GP	DS	6-1/4	MOD. ****	2"	21.0"	1 PSI	RM	116		
RV 800	8000	57.1	R8 - **	RM7840L/UV ***	GP	DS	6-1/4	MOD. ****	2"	1 PSI	1 PSI	RM	116		



STANDARD GAS TRAIN COMPONENTS		
COMPONENT	RV 350 TO RV 500	RV 550 TO RV 800
Manual Shutoff Valve (point of field connection)	STD.	STD.
Gas Pressure Regulator	STD.	STD.
Main Oper. Gas Valve - Motorized type	STD.	<del>STD.</del>
Main Oper. Gas Valve w/ PC - Motorized type	OPT.	STD.
Auxiliary Oper. Gas Valve - Solenoid type	STD.	STD.
Low Gas Pressure Switch	STD.	STD.
High Gas Pressure Switch	STD.	STD.
Manual Checking Shutoff Gas Valve	STD.	STD.
STANDARD OIL COMPONENTS		
Dual shutoff valves	STD.	STD.

ABBREVIATIONS: (1)\*\* Insert:: "G" - Gas, "G/L" - Gas/Oil, "L" - Oil (4) Motor Voltage: 60 Hz - Motor RPM: 3450  
 (2) Combustion Control: Model RM7840L or 208-240-480/3 Ph (please specify)  
 \*\*\* = Optional Landis & Gyr FSG available (5) Firing System: LHLO - Lo-Hi-Lo-Off  
 (Consult Factory) \*\*\*\* MOD. Standard - Optional LHLO or Stage Firing  
 Scanner - "UV" = Ultra Violet Available (Consult Factory)  
 (3) Ignition means: (6) Oil Pump Location:  
 "GP" - Gas Pilot "BM" - Burner Mounted  
 "DS" - Direct Spark "RM" - Remote Mounted

**NOTES >>>**

- Burner capacities listed for elevations up to 2,000 ft. For higher elevations, consult local Bryan Boilers sales office.
- Oil ratings based on No. 2 fuel with heating value of 140,000 Btu per gallon.
- Gas rating based on natural gas with heating value of 1000 Btu per cubic foot and specific gravity of .60. Gas burners for other gases are available, consult local Bryan Boilers sales office.



783 N. Chili Ave., Peru, Indiana 46970  
 Telephone: (765) 473-6651  
 Fax: (765) 473-3074  
 E-Mail: bryanboilers@iquest.net  
 Internet: www.bryanboilers.com