

BRYAN BOILERS

HE - RV - WEB
DATE: 7/15/14

Originators of the "Flexible Water Tube" design

WEBSTER BASE BURNER DATA "HE-RV" SERIES BOILERS NATURAL GAS

BOILER MODEL	INPUT	BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER (2)	IGNITION MEANS (3)	MOTOR DATA (4)	FIRING SYSTEM	GAS TRAIN DATA		
	MBH		GAS	GAS	HP		TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HE-RV 350	3500	JB2 - **	RM7897C/UV	GP	1	LO-HI-OFF	2-1/2"	8.0"	1 PSI
HE-RV 400	4000	JB2 - **	RM7897C/UV	GP	1.5	LO-HI-OFF	2-1/2"	8.0"	1 PSI
HE-RV 450	4500	JB2 - **	RM7897C/UV	GP	2	LO-HI-OFF	2"	14.0"	1 PSI
HE-RV 500	5000	JB2 - **	RM7840L/UV	GP	3	MODULATION	2-1/2"	14.0"	1 PSI
HE-RV 550	5500	JB2 - **	RM7840L/UV	GP	5	MODULATION	2-1/2"	14.0"	1 PSI
HE-RV 600	6000	JB3 - **	RM7840L/UV	GP	5	MODULATION	2-1/2"	14.0"	1 PSI
HE-RV 700	7000	JB3 - **	RM7840L/UV	GP	5	MODULATION	2-1/2"	18.0"	1 PSI
HE-RV 800	8000	JB3 - **	RM7840L/UV	GP	7-1/2	MODULATION	2-1/2"	24.0"	1 PSI

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.	STD.
Main Oper. Gas Valve w/ PC - Motorized type	OPT.	STD.
Auxiliary Operating 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.

ABBREVIATIONS:

(1)** Insert: "G" - Gas

(2) Comb. Control: Model -
RM7895C or RM7840L
Scanner - "UV" - Ultra Violet

(3) Ignition Means: "GP" - Gas Pilot

(4) Motor Voltage: 60 Hz - Motor RPM: 3450
3/4 HP & 1 HP = 230/1 Ph
1 1/2 HP & larger = 208-240-480/3 Ph (please specify)

NOTES >>>

- Burner capacities listed for elevations up to 2,000 ft. For higher elevations, consult local Bryan Boilers sales office.
- 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.



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