

BRYAN BOILERS

HE - RV - GP
DATE: 11/01/06
NEW

Originators of the "Flexible Water Tube" design

**GORDON-PIATT 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 (5)	FIRING SYSTEM (4)	"UL" GAS TRAIN		
	MBH		GAS	GAS	HP		TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HE-RV 350	3500	R10.1-**	RM7895C/UV	GP	3	LO-HI-OFF	2-1/2"	7.0"	1 PSI
HE-RV 400	4000	R10.1-**	RM7895C/UV	GP	3	LO-HI-OFF	2-1/2"	7.0"	1 PSI
HE-RV 450	4500	R10.2-**	RM7895C/UV	GP	5	LO-HI-OFF	2"	14.0"	1 PSI
HE-RV 500	5000	R10.2-**	RM7840L/UV	GP	5	MODULATION	2"	14.0"	1 PSI
HE-RV 550	5500	R10.2-**	RM7840L/UV	GP	5	MODULATION	2-1/2"	14.0"	1 PSI
HE-RV 600	6000	R10.2-**	RM7840L/UV	GP	5	MODULATION	2-1/2"	14.0"	1 PSI
HE-RV 700	7000	S12.1-**	RM7840L/UV	GP	5	MODULATION	2-1/2"	18.0"	1 PSI
HE-RV 800	8000	S12.1-**	RM7840L/UV	GP	5	MODULATION	2-1/2"	23.0"	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.	N/A
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.

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

(2) Combustion Control:
Model - RM7895C or RM7840L
Scanner - "UV" = Ultra Violet

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

(4) Modulation includes "Cam Linkage"

(5) Motor Voltage: 60 Hz - Motor RPM: 3450
208-240-480/3 Ph (please specify)



NOTES >>>

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