

BRYAN BOILERS

Originators of the "Flexible Water Tube" design

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

POWERFLAME 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 HP (4)	FIRING SYSTEM	GAS TRAIN DATA		
	MBH		GAS	GAS	GAS		TRAIN SIZE NPT (5)	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HE-RV 350	3500	CR3 - **	RM7895C/UV	GP	1.5	LO-HI-OFF	2"	7.0"	1 PSI
HE-RV 400	4000	CR3 - **	RM7895C/UV	GP	1.5	LO-HI-OFF	2-1/2"	7.0"	1 PSI
HE-RV 450	4500	CR3 - **	RM7895C/UV	GP	3	LO-HI-OFF	2"	14.0"	1 PSI
HE-RV 500	5000	CR4 - **	RM7840L/UV	GP	3	MODULATION	2"	14.0"	1 PSI
HE-RV 550	5500	CR4 - **	RM7840L/UV	GP	5	MODULATION	2"	14.0"	1 PSI
HE-RV 600	6000	CR4 - **	RM7840L/UV	GP	5	MODULATION	2" - 2-1/2"	14.0"	1 PSI
HE-RV 700	7000	CR4 - **	RM7840L/UV	GP	5	MODULATION	2" - 2-1/2"	18.0"	1 PSI
HE-RV 800	8000	CR5 - **	RM7840L/UV	GP	7.5	MODULATION	2" - 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.	
Main Oper. Gas Valve w/ POC - 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
208-240-480/3 Ph (please specify)

(5) Gas Train: Main gas valve, auxiliary gas valve and leak
test cock are first size; gas regulator and main gas
shutoff cock are second.

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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