

BRYAN BOILERS

Originators of the "Flexible Water Tube" design

HE - AB - WEB
DATE: 11/01/06
NEW

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

BOILER MODEL	INPUT MBH	BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER (2)	IGNITION MEANS (3)	MOTOR DATA (4)	FIRING SYSTEM GAS	GAS TRAIN DATA		
							TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI	
	MIN	MAX							
HE-AB 90	900	JB1 - **	RM7895C/UV	GP	1/3	ON-OFF	1-1/4"	7.0"	14.0"
HE-AB 120	1200	JB1 - **	RM7895C/UV	GP	1/3	LO-HI-OFF	1-1/4"	7.0"	14.0"
HE-AB 150	1500	JB1 - **	RM7895C/UV	GP	1/3	LO-HI-OFF	1-1/2"	7.0"	14.0"
HE-AB 200	2000	JB1 - **	RM7895C/UV	GP	1/2	LO-HI-OFF	2"	7.0"	14.0"
HE-AB 250	2500	JB1 - **	RM7895C/UV	GP	3/4	LO-HI-OFF	2"	7.0"	14.0"
HE-AB 300	NOT AVAILABLE								

STANDARD GAS TRAIN COMPONENTS		
COMPONENT	AB 90	AB 120 TO AB 250
Manual Shutoff Valve (point of field connection)	STD.	STD.
Gas Pressure Regulator	STD.	STD.
Main Oper. Gas Valve - Diaphragm type	STD.	STD.
Main Oper. Gas Valve - Motorized type	OPT.	STD.
Auxiliary Oper. Gas Valve - Solenoid type	STD.	STD.
Low Gas Pressure Switch	OPT.	OPT.
High Gas Pressure Switch	OPT.	OPT.
Manual Checking Shutoff Gas Valve	STD.	STD.

- ABBREVIATIONS:
- (1)** Insert: "G" - Gas
 - (2) Combustion Control: Model - RM7895C Scanner : "UV" - Ultra Violet
 - (3) Ignition means: "GP" - Gas Pilot
 - (4) Motor Voltage: 60 Hz - Motor RPM: 3450 RPM
1/3 HP to 1 HP = 120/1 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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