

BRYAN BOILERS

HE-AB - WEB
DATE: 07/15/14

Originators of the "Flexible Water Tube" design

**WEBSTER BASE BURNER DATA
"HE-AB" 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	GAS TRAIN DATA		
	MBH		GAS	GAS	HP		TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HE-AB 90	900	JB1 - **	RM7897C/UV	GP	1/3	ON-OFF	1-1/4"	7.0"	14.0"
HE-AB 120	1200	JB1 - **	RM7897C/UV	GP	1/3	LO-HI-OFF	1-1/4"	7.0"	14.0"
HE-AB 150	1500	JB1 - **	RM7897C/UV	GP	1/3	LO-HI-OFF	1-1/2"	7.0"	14.0"
HE-AB 200	2000	JB1 - **	RM7897C/UV	GP	1/2	LO-HI-OFF	2"	7.0"	14.0"
HE-AB 250	2500	JB1 - **	RM7897C/UV	GP	3/4	LO-HI-OFF	2"	7.0"	14.0"
HE-AB 300	3000	JB2 - **	RM7897C/UV	GP	1	LO-HI-OFF	2"	8.0"	14.0"

STANDARD GAS TRAIN COMPONENTS			
COMPONENT	AB 90	AB 120 TO AB 250	AB 300
Manual Shutoff Valve (point of field connection)	STD.	STD.	STD.
Gas Pressure Regulator	STD.	STD.	STD.
Main Oper. Gas Valve - Diaphragm type	STD.	STD.	STD.
Main Oper. Gas Valve - Motorized type	OPT.	STD.	STD.
Auxiliary Oper. Gas Valve - Solenoid type	STD.	STD.	STD.
Low Gas Pressure Switch	OPT.	OPT.	STD.
High Gas Pressure Switch	OPT.	OPT.	STD.
Manual Checking Shutoff Gas Valve	STD.	STD.	STD.

ABBREVIATIONS: (1)** Insert: "G" - Gas (4) Motor Voltage: 60 Hz - Motor RPM: 3450 RPM
 (2) Combustion Control: 1/3 HP & 1/2 HP = 120/1 Ph
 Model - RM7897C 3/4 HP & 1 HP = 120/1 Ph
 Scanner : "UV" - Ultra Violet 1 1/2 HP & Larger = 208-240-480/3 Ph (please specify)
 (3) Ignition means:
 "GP" - Gas Pilot

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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