

BRYAN BOILERS

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

Originators of the "Flexible Water Tube" design

POWERFLAME 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 HP (4)	FIRING SYSTEM	GAS TRAIN DATA		
	MBH						TRAIN SIZE NPT (5)	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HE-AB 90	900	CR1 - **-.12	RM7897C/UV	GP	1/3	ON-OFF	1"	6.0"	14.0"
HE-AB 120	1200	CR1 - **-.12	RM7897C/UV	GP	1/3	ON-OFF	1-1/4" - 1"	6.0"	14.0"
HE-AB 150	1500	CR2 - **-.15	RM7897C/UV	GP	1/2	ON-OFF	1-1/4" - 1"	7.0"	14.0"
HE-AB 200	2000	CR2 - **-.15	RM7897C/UV	GP	1/2	LO-HI-OFF	1-1/4"	7.0"	14.0"
HE-AB 250	2500	CR2 - **-.20B	RM7897C/UV	GP	1	LO-HI-OFF	2" - 1-1/2"	6.0"	14.0"
HE-AB 300	2500	CR3 - **-.20	RM7897C/UV	GP	1-1/2	LO-HI-OFF	2" - 1-1/2"	7.0"	14.0"

STANDARD GAS TRAIN COMPONENTS

COMPONENT	AB 90 TO AB 200	AB 250	AB300
Manual Shutoff Valve (point of field connection)	STD.	STD.	STD.
Gas Pressure Regulator	STD.	STD.	STD.
Main Oper. Gas Valve - Diaphragm type	STD.	N/A	N/A
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
 (2) Combustion Control: RM7895C
 Scanner : "UV" - Ultra Violet
 (3) Ignition means: GP - Gas Pilot
 (4) Motor Voltage:
 1/3 HP to 1/2 HP = 120/1 Ph
 1 1/2 HP 3/4 HP & 1 HP = 230/1 PH
 1 1/2 HP & Larger = 208-240-480/3 Ph
 (please specify)

(5) Dual size gas trains: Main & aux. gas valve and leak test cock are first number. Gas reg. and main shutoff cock are indicated by second number.



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.



783 N. Chili Ave., Peru, Indiana 46970
 Telephone: (765) 473-6651
 Fax: (765) 473-3074
 E-Mail: inquiry@bryansteam.com
 Internet: www.bryanboilers.com