

BRYAN BOILERS

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

Originators of the "Flexible Water Tube" design

WEBSTER BASE BURNER DATA "HE-CLM" SERIES BOILERS

BOILER MODEL	INPUT	BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER (2)	IGNITION MEANS (3)	MOTOR DATA (4)	FIRING SYSTEM GAS	"UL" GAS TRAIN		
	MBH		GAS	GAS	HP		TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HE-CLM 90	900	JB1 - **	RM7897C/UV	GP	1/3	ON - OFF	1-1/4"	7.0"	14.0"
HE-CLM 120	1200	JB1 - **	RM7897C/UV	GP	1/3	LO-HI-OFF	1-1/4"	7.0"	14.0"
HE-CLM 150	1500	JB1 - **	RM7897C/UV	GP	1/3	LO-HI-OFF	1-1/2"	7.0"	14.0"
HE-CLM 180	1800	JB1 - **	RM7897C/UV	GP	1/2	LO-HI-OFF	1-1/2"	7.0"	14.0"
HE-CLM 210	2100	JB1 - **	RM7897C/UV	GP	1/2	LO-HI-OFF	2"	7.0"	14.0"
HE-CLM 240	2400	JB1 - **	RM7897C/UV	GP	3/4	LO-HI-OFF	2"	7.0"	14.0"
HE-CLM 270	2700	JB2 - **	RM7897C/UV	GP	3/4	LO-HI-OFF	2"	7.0"	14.0"
HE-CLM 300	3000	JB2 - **	RM7897C/UV	GP	1	LO-HI-OFF	2"	8.0"	14.0"

STANDARD GAS TRAIN COMPONENTS

COMPONENT	HE-CLM 90 to 180	HE-CLM 210 & 240	HE-CLM 270 & 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
 (2) Combustion Control:
 Model - RM7897C
 Scanner - "UV" = Ultra Violet
 (3) Ignition means:
 "GP" - Gas Pilot

- (4) Motor Voltage: 60 Hz - Motor RPM: 3450 RPM
 1/3 HP & 1/2 HP = 120/1 Ph
 3/4 HP & 1 HP = 230/1/Ph
 1 1/2 HP & larger = 208-240-480/3 Ph
 (please specify)

NOTES

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- 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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