

BRYAN BOILERS

HE-CLM - PF
DATE: 7/15/14

Originators of the "Flexible Water Tube" design

POWERFLAME "CR" BASE BURNER DATA FOR "HE-CLM " SERIES BOILERS

BOILER MODEL	INPUT	BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER	IGNITION MEANS (2)	MOTOR DATA (4)	FIRING SYSTEM	GAS TRAIN DATA		
	MBH						TRAIN SIZE NPT (3)	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HE-CLM 90	900	CR1 - ** -12	RM7897C/UV	GP	1/3	ON - OFF	1"	6.0"	14.0"
HE-CLM 120	1200	CR1 - ** -15	RM7897C/UV	GP	1/3	ON - OFF	1" / 1-1/4"	7.0"	14.0"
HE-CLM 150	1500	CR2 - ** -15	RM7897C/UV	GP	1/2	ON - OFF	1-1/4" / 1"	7.0"	14.0"
HE-CLM 180	1800	CR2 - ** -15	RM7897C/UV	GP	1/2	ON - OFF	1-1/4"	6.0"	14.0"
HE-CLM 210	2100	CR2 - ** -15	RM7897C/UV	GP	1/2	ON - OFF	1-1/2" / 1-1/4"	7.0"	14.0"
HE-CLM 240	2400	CR2 - ** -20A	RM7897C/UV	GP	3/4	LO-HI-OFF	2" / 1-1/2"	6.0"	1 PSI
HE-CLM 270	2700	CR2 - ** -20B	RM7897C/UV	GP	1	LO-HI-OFF	2" / 1-1/2"	6.0"	1 PSI
HE-CLM 300	3000	CR2 - ** -20B	RM7897C/UV	GP	1	LO-HI-OFF	2" / 1-1/2"	7.0"	1 PSI

STANDARD GAS TRAIN COMPONENTS

COMPONENT	HECLM 90 TO 240	HECLM 270 & 300
Manual Shutoff Valve (point of field connection)	STD.	STD.
Gas Pressure Regulator	STD.	STD.
Main Operating Gas Valve - Motorized type	STD.	STD.
Auxiliary Operating Gas Valve - Solenoid type	STD.	STD.
Low Gas Pressure Switch	OPT.	STD.
High Gas Pressure Switch	OPT.	STD.
Manual Checking Shutoff Gas Valve	STD.	STD.

ABBREVIATIONS: (1) ** = Insert: "G" -

(2) Ignition Means: "GP" - Gas Pilot

(3) Gas Train: Main gas valve, auxiliary gas valve and leak test cock are first number. Gas reg. and main shutoff are indicated by second number.

(4) Motor Voltage: 60 Hz

1/3 HP to 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 >>>

1. Burner capacities listed for elevations up to 2,000 ft. For higher elevations, consult local Bryan Boilers sales office.
3. 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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