

# BRYAN BOILERS

HECLM - WEB  
DATE: 01/01/06  
REPLACES: 05/02/04

Originators of the "Flexible Water Tube" design

## WEBSTER BASE BURNER DATA "HECLM" 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	"UL" GAS TRAIN		
	MBH		GAS	GAS	HP		TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
HECLM 90	900	JB1 - **	RM7895C/UV	GP	1/3	ON - OFF	1-1/4"	7.0"	14.0"
HECLM 120	1200	JB1 - **	RM7895C/UV	GP	1/3	LO-HI-OFF	1-1/4"	7.0"	14.0"
HECLM 150	1500	JB1 - **	RM7895C/UV	GP	1/3	LO-HI-OFF	1-1/2"	7.0"	14.0"
HECLM 180	1800	JB1 - **	RM7895C/UV	GP	1/2	LO-HI-OFF	1-1/2"	7.0"	14.0"
HECLM 210	2100	JB1 - **	RM7895C/UV	GP	1/2	LO-HI-OFF	2"	7.0"	14.0"
HECLM 240	2400	JB1 - **	RM7895C/UV	GP	3/4	LO-HI-OFF	2"	7.0"	1 PSI
HECLM 270	2700	JB2 - **	RM7895C/UV	GP	3/4	LO-HI-OFF	2"	7.0"	1 PSI
HECLM 300	3000	JB2 - **	RM7895C/UV	GP	1	LO-HI-OFF	2"	7.0"	1 PSI

### STANDARD GAS TRAIN COMPONENTS

COMPONENT	HECLM 90 to 180	HECLM 210 & 240	HECLM 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.	<del>STD.</del>	<del>STD.</del>
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 - 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

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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.



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