

BRYAN BOILERS

AB - GP - LNX
 DATE: 01/01/06
 REPLACES: 10/01/02

Originators of the "Flexible Water Tube" design

GORDON-PIATT LO NO_x BASE BURNER DATA
"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 TRAIN DATA		
	MBH		GAS	GAS	HP		TRAIN SIZE NPT (5)	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
AB 90	900	LNSR6.1 - **	RM7840L/UV	GP	1/3	MODULATION	1-1/4"	7.0"	1 PSI
AB 120	1200	LNSR6.2 - **	RM7840L/UV	GP	1/2	MODULATION	1-1/2"	7.0"	1 PSI
AB 150	1500	LNSR8.1 - **	RM7840L/UV	GP	1	MODULATION	1-1/2"-2"	7.5"	1 PSI
AB 200	2000	LNSR8.1 - **	RM7840L/UV	GP	1	MODULATION	1-1/2"-2"	7.0"	1 PSI
AB 250	2500	LNSR8.2 - **	RM7840L/UV	GP	1	MODULATION	3"	7.8"	1 PSI
AB 300	3000	LNSR8.3 - **	RM7840L/UV	GP	2	MODULATION	3"	9.0"	1 PSI

STANDARD GAS TRAIN COMPONENTS		
COMPONENT	AB 90 TO AB200	AB 250 and 300
Manual Shutoff Valve (point of field connection)	STD.	STD.
Gas Pressure Regulator	STD.	STD.
Main Oper. Gas Valve - Diaphragm type	STD.	STD.
Main Oper. Gas Valve - Motorized type	OPT.	STD.
Auxiliary Oper. Gas Valve - Solenoid type	STD.	STD.
Low Gas Pressure Switch	OPT.	OPT.
High Gas Pressure Switch	OPT.	OPT.
Manual Checking Shutoff Gas Valve	STD.	STD.
STANDARD OIL COMPONENTS		
Dual shutoff valves	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)
 (5) Gas Train: Main gas shutoff valve and gas pressure regulator are first size; gas operating and auxiliary valves are second.



NOTES >>>

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.



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