

BRYAN BOILERS

Originators of the "Flexible Water Tube" design

AB-WEB-LNX
DATE: 01/01/06
REPLACES: 05/02/04

WEBSTER LO NO_x BASE BURNER DATA
"AB" SERIES BOILERS
SUB 30 PPM - GAS / REDUCED NO_x OIL

BOILER MODEL	INPUT		BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER (2)		IGNITION MEANS (3)	MOTOR DATA (4)	FIRING SYSTEM GAS	GAS TRAIN DATA			OIL DATA			
	MBH	GPH		GAS	GAS/OIL				GAS & G/O	HP	TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI		PUMP LOC (5)	SUC. CAP (GPH)
												MIN	MAX		
AB 90	900	6.4	JBX1 - **	RM7895C/UV	RM7895C/UV	GP	1/3	ON-OFF	1"	7.0"	14.0"	BM	45		
AB 120	1200	8.6	JBX1 - **	RM7895C/UV	RM7895C/UV	GP	1/2	LO-HI-OFF	1-1/2"	7.0"	14.0"	BM	45		
AB 150	1500	10.7	JBX1 - **	RM7895C/UV	RM7895C/UV	GP	1/2	LO-HI-OFF	2"	7.0"	14.0"	BM	45		
AB 200	2000	14.3	JBX2 - **	RM7895C/UV	RM7895C/UV	GP	3/4	LO-HI-OFF	2"	7.0"	14.0"	BM	70		
AB 250	2500	17.8	JBX2 - **	RM7895C/UV	RM7895C/UV	GP	1	LO-HI-OFF	2"	7.0"	14.0"	BM	70		
AB 300	NOT AVAILABLE														

STANDARD GAS TRAIN COMPONENTS		
COMPONENT	AB 90	AB 120 TO AB 250
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, "C" - Gas/Oil, (4) Motor Voltage: 60 Hz - Motor RPM: 3450 RPM
 (2) Combustion Control: 1/3 HP to 1 HP = 120/1 Ph
 Model - RM7895C 1 1/2 HP & Larger = 208-240-480/3 Ph (please specify)
 Scanner : "UV" - Ultra Violet (5) Oil Pump Location:
 (3) Ignition means: "BM" - Burner Mounted
 "GP" - Gas Pilot

- NOTES >>>**
- Burner capacities listed for elevations up to 2,000 ft. For higher elevations, consult local Bryan Boilers sales office.
 - Oil ratings based on No. 2 fuel with heating value of 140,000 Btu per gallon.
 - 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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