

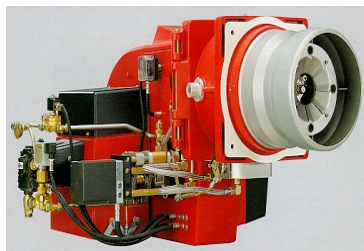
BRYAN BOILERS

AB - WHPT
DATE: 01/01/06
REPLACES: 10/01/02

Originators of the "Flexible Water Tube"

**WEISHAUPT BASE BURNER DATA
"AB" SERIES BOILERS
NATURAL GAS / No. 2 OIL**

BOILER MODEL	INPUT		BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER (2)	IGNITION MEANS (3)	MOTOR DATA (4) HP	FIRING SYSTEM (5)	GAS TRAIN DATA			OIL DATA	
	MBH	GPH						TRAIN SIZE NPT	STANDARD PRESS IN. W.C./PSI		PUMP LOC (6)	SUC. CAP (GPH)
				MIN					MAX			
AB 90	NOT APPLICABLE											
AB 120	1200	8.6	Z1 - **	RM7840L/UV ***	DS	1	LHLO	1"	7.0"	14.0"	BM	28
AB 150	1500	10.7	Z3 - **	RM7840L/UV ***	DS	1	LHLO	1-1/2"	7.0"	14.0"	BM	44
AB 200	2000	14.3	Z3 - **	RM7840L/UV ***	DS	1	LHLO	1-1/2"	7.0"	14.0"	BM	44
AB 250 (O)	2500	17.8	Z3 - L	RM7840L/UV ***	DS	1	LHLO	X	X	X	BM	72
AB 250 (G, G/O)	2500	17.8	Z5 - **	RM7840L/UV ***	DS	2	LHLO	2"	7.0"	14.0"	BM	72



STANDARD GAS TRAIN COMPONENTS		
COMPONENT	AB 120 TO AB 200	AB 250
Manual Shutoff Valve (point of field connection)	STD.	STD.
Gas Pressure Regulator	STD.	STD.
Main Oper. Gas Valve - Diaphragm type	STD.	N/A
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, "G/L" - Gas/Oil, "L" - Oil
 - (2) Combustion Control: Model - RM7840L or *** = Optional Landis & Gyr FSG available (Consult Factory)
 - (3) Ignition Means: "DS" - Direct Spark
 - (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) Firing System: LHLO - Lo-Hi-Lo-Off
 - (6) Oil Pump Location: "BM" - Burner Mounted

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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