

# BRYAN BOILERS

Originators of the "Flexible Water Tube"

RW - PF - LNX  
DATE: 01/01/06  
REPLACES: 05/02/04

**POWERFLAME - LO NOX BASE BURNER DATA  
"RW" SERIES BOILERS  
SUB 30 PPM - GAS / REDUCED NOX - OIL**

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
RW 850	8500	LNICR5 - **	RM7840L/UV	GP	7-1/2	MODULATION	2" / 2-1/2"	1.5 PSI	5 PSI
RW 1050	10500	LNICR6 - **	RM7840L/UV	GP	10	MODULATION	2-1/2"	1.5 PSI	5 PSI
RW 1260	12600	LNICR8 - **	RM7840L/UV	GP	15	MODULATION	2-1/2"	1.5 PSI	5 PSI
RW 1500	15000	LNICR8 - **	RM7840L/UV	GP	15	MODULATION	2-1/2"	1.5 PSI	5 PSI

STANDARD GAS TRAIN COMPONENTS	
COMPONENT	RW 850 TO RW 1900
Manual Shutoff Valve (point of field connection)	STD.
Gas Pressure Regulator	STD.
Main Oper. Gas Valve w/ POC - Motorized type	STD.
Auxiliary Oper. Gas Valve - Solenoid type	STD.
Auxiliary Oper. Gas Valve - Motorized type	OPT.
Low Gas Pressure Switch	STD.
High Gas Pressure Switch	STD.
Manual Checking Shutoff Gas Valve	STD.

**ABBREVIATIONS** (1)\*\* Insert: "G" - Gas  
(2) Combustion Control: Model - RM7840L  
Scanner - "UV" = Ultra Violet  
(3) Ignition means: "GP" - Gas Pilot

(4) Motor Voltage: 60 Hz - Motor RPM: 3450 RPM  
208-240-480/3 Ph (please specify)  
(5) Dual size gas trains: Main & Aux gas valve and leak test  
cock are first number. Gas reg. and main shutoff cock  
are second number.

**NOTES** >>>

1. Burner capacities listed for elevations up to 2,000 ft. For higher elevations, consult local Bryan Boiler 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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