

BRYAN BOILERS

RW - PF - LX
DATE: 07/15/14

Originators of the "Flexible Water Tube"

**POWERFLAME - LOW NO_x BASE BURNER DATA
"RW" 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 TRAIN DATA		
	MBH		GAS	GAS	HP		TRAIN SIZE NPT (5)	STANDARD PRESS IN. W.C./PSI	
								MIN	MAX
RW 850	8500	LNICR5 - **-30B	RM7840L/UV	GP	7-1/2	MODULATION	1-1/2"	1.5 PSI	5 PSI
RW 1050	10500	LNICR6 - **-30	RM7840L/UV	GP	10	MODULATION	2"	1.5 PSI	5 PSI
RW 1260	12600	LNICR8 - **-30	RM7840L/UV	GP	15	MODULATION	2"	1.5 PSI	5 PSI
RW 1500	15000	LNICR8 - **-30	RM7840L/UV	GP	15	MODULATION	2-1/2"	1.5 PSI	5 PSI
RW1700	17000	LNICMR9B - **-30	RM7840L/UV	GP	7-1/2	MODULATION	2-1/2"	2.0 PSI	5 PSI
RW 1900	19000	LNICMR10A - **-30	RM7840L/UV	GP	15	MODULATION	2-1/2"	2.0 PSI	5 PSI
RW 2100	21000	LNICMR10A - **-30	RM7840L/UV	GP	15	MODULATION	3"	2.0 PSI	5 PSI
RW 2100-OF	25200	LNICMR10B - **-30	RM7840L/UV	GP	15	MODULATION	3"	2.0 PSI	5 PSI

STANDARD GAS TRAIN COMPONENTS			
COMPONENT	RW 850 TO RW 1900		RW 2100
Manual Shutoff Valve (point of field connection)	STD.		STD.
Gas Pressure Regulator	STD.		STD.
Main Oper. Gas Valve w/PC - Motorized type	STD.		STD.
Auxiliary Oper. Gas Valve - Solenoid type	STD.		STD.
Auxiliary Oper. Gas Valve - Motorized type	OPT.		STD.
Low Gas Pressure Switch	STD.		STD.
High Gas Pressure Switch	STD.		STD.
Manual Checking Shutoff Gas Valve	STD.		STD.
STANDARD OIL COMPONENTS			
COMPONENT	RW850 TO RW1500	RW1700	RW1900 TO RW2100
Dual Shutoff Valves	STD	STD	STD
Remote Mounted Oil Pump HP Rating	1	1/2	3/4
Remote Air Compressor HP Rating	OPT.	5	5

ABBREVIATIONS: (1)** Insert: "G" - Gas, G/O - Gas/Oil
(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.
 3. LNICMR burners have air atomizing when fired on oil and include an air compressor.



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