

BRYAN BOILERS

Originators of the "Flexible Water Tube"

RW - GP
DATE: 01/01/06
REPLACES: 05/02/04

**GORDON-PIATT BASE BURNER DATA
"RW" SERIES BOILERS
NATURAL GAS / No. 2 OIL**

BOILER MODEL	INPUT		BASE BURNER MODEL (1)	COMBUSTION CONTROL MODEL/SCANNER (2) GAS, OIL & GAS / OIL	IGNITION MEANS (3) GAS, G/O & OIL	MOTOR DATA (5) HP	FIRING SYSTEM (4)	GAS TRAIN DATA			OIL DATA	
	MBH	GPH						TRAIN SIZE NPT (7)	STANDARD PRESS IN. W.C./PSI		PUMP LOC (6)	SUC. CAP (GPH)
									MIN	MAX		
RW 850	8500	60.7	S14.9-**	RM7840L/UV	GP	5	MODULATION	1 1/2"	1.5 PSI	5 PSI	RM	114
RW 1050	10500	75.0	S14.0-**	RM7840L/UV	GP	5	MODULATION	1 1/2"	1.5 PSI	5 PSI	RM	143
RW 1260	12600	90.0	S16.0-**	RM7840L/UV	GP	7-1/2	MODULATION	2"	1.5 PSI	5 PSI	RM	176
RW 1500	15000	107.1	F16.1-**	RM7840L/UV	GP	15	MODULATION	2 1/2"	1.5 PSI	5 PSI	RM	228
RW 1700	17000	121.4	F16.1-**	RM7840L/UV	GP	15	MODULATION	2 1/2"	2 PSI	5 PSI	RM	228
RW 1900	19000	135.7	F18.0-**	RM7840L/UV	GP	15	MODULATION	2 1/2"	2 PSI	5 PSI	RM	280
RW 2100	21000	150.0	F18.0-**	RM7840L/UV	GP	15	MODULATION	2 1/2"	2 PSI	5 PSI	RM	280

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 TO RW2100
Dual Shutoff Valves	STD.	STD.
Remote Mounted Oil Pump HP Rating	1-1/2	2

ABBREVIATIONS: (1)** Insert: "G" - Gas, "G/O" - Gas/Oil, "O" = Oil (5) Motor Voltage: 60 Hz - Motor RPM: 3450 RPM
 (2) Combustion Control: RM7840L Scanner: "UV" - Ultra Violet 208-240-480/3 Ph (please specify)
 (3) Ignition means: "GP" - Gas Pilot (6) Oil Pump Location: "RM" - Remote Mounted
 (4) Modulation includes "Cam Linkage" (7) Gas Train Provided will be an integrated valve type where the components are directly bolted together.

NOTES >>>

1. Burner capacities listed for elevations up to 2,000 ft. For higher elevations, consult local Bryan Boilers sales office.
2. Oil ratings based on No. 2 fuel with heating value of 140,000 Btu per gallon.
3. 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.



783 N. Chili Ave., Peru, Indiana 46970
 Telephone: (765) 473-6651
 Fax: (765) 473-3074
 E-Mail: bryanboilers@iquest.net
 Internet: www.bryanboilers.com

