

BRYAN BOILERS

Originators of the "Flexible Water Tube"

DR - PF - LX
DATE: 01/01/06
REPLACES: NEW

**POWER FLAME LO NOX BASE BURNER DATA
"DR" SERIES BOILERS
SUB 30 PPM - GAS**

BOILER MODEL	INPUT (MBH)	BASE BURNER MODEL	COMBUSTION CONTROL (1) MODEL/SCANNER	IGNITION MEANS (2)	MOTOR DATA (3)	FIRING SYSTEM	GAS TRAIN DATA		
							HP	TRAIN SIZE NPT	STANDARD PRESS IN. W.C.
					MIN				MAX
DR250	250	NOT AVAILABLE							
DR350	350	NPM15-10-120	RM7896A/FR	GP	1/4	ON-OFF	1"	7.0"	14.0"
DR450	450	NPM15-10-120	RM7896A/FR	GP	1/4	ON-OFF	1"	7.0"	14.0"
DR650	650	NPM15-10-120	RM7896A/FR	GP	1/4	ON-OFF	1"	7.0"	14.0"
DR850	850	NPM15-10-120	RM7896A/FR	GP	1/4	ON-OFF	1 1/4"	7.0"	14.0"

STANDARD GAS TRAIN COMPONENTS	
COMPONENT	BOILER MODEL
	DR350 - DR850
Manual Shutoff Valve (point of field conn.)	STD.
Gas Pressure Regulator	STD.
Main Operating Gas Valve	STD.
Auxiliary Operating Gas Valve	STD.
Manual Checking Shutoff Gas Valve	STD.

- ABBREVIATIONS:
- (1) Combustion Control: Model RM7896A, Scanner FR - Flame Rod
 - (2) Ignition Means: "GP" - Gas Pilot
 - (3) Motor Voltage: 1/4 HP = 120/1 Ph/60 Hz
Motor RPM: 3450 RPM

- NOTES:
- 1. Burner capacities listed for elevations up to 2,000 ft. For higher elevations, consult local Bryan Boilers 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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