



AMERICA'S BOILER COMPANY

SERIES 4S w/ WEBSTER NATURAL GAS BURNERS page 1 of 2

Boiler Size	Burner Model	Blower Motor		Size (in.)	Gas Train		Firing Sequence	Flame Safeguard
		HP	Voltage		Min. Pres.	Max. Pres.		
4S-100	JB2G-30	3	230-460/3/60	2-1/2	10" w.c.	14" w.c.	L-H-O	RM7897C
4S-125	JB2G-50	5	230-460/3/60	2-1/2	2 psig	5 psig	FULL MOD	RM7840L
4S-150	JB3G-50	5	230-460/3/60	3	15" w.c.	27" w.c.	FULL MOD	RM7840L
4S-175	JB3G-50	5	230-460/3/60	3	15" w.c.	27" w.c.	FULL MOD	RM7840L
4S-200	JB3G-75	7-1/2	230-460/3/60	3	23" w.c.	27" w.c.	FULL MOD	RM7840L
4S-250	HDS5G-50A	5	230-460/3/60	3	30" w.c.	10 psig	FULL MOD	RM7840L
4S-300	HDS5G-75A	7-1/2	230-460/3/60	3	1.75 psig	10 psig	FULL MOD	RM7840L
4S-350	HDS5G-75A	7-1/2	230-460/3/60	3	1.75 psig	10 psig	FULL MOD	RM7840L
4S-400	HDS5G-100B	10	230-460/3/60	2-1/2	2 psig	10 psig	FULL MOD	RM7840L
4S-500	HDS5G-150B	15	230-460/3/60	3	2.5 psig	10 psig	FULL MOD	RM7840L
4S-600	HDS7G-200B	20	230-460/3/60	3	3.25 psig	10 psig	FULL MOD	RM7840L
4S-700	HDS7G-250B	25	230-460/3/60	3	4 psig	10 psig	FULL MOD	RM7840L
4S-800	HDS7G-300B	30	230-460/3/60	3	5 psig	10 psig	FULL MOD	RM7840L

Explanation of Firing Sequences on Gas:

Low Fire Start Low fire start (not proven), high fire run, air control by linkage to motorized gas valve.

Modulating Full modulation with proven low fire start, synchronized fuel/air control with modulating motor.



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Boiler Size	Burner Model	GENERAL										UL GAS TRAIN										IGNITION						
		Nema 1 Cabinet W/ Hinged Door	Control Circuit Transformer	Control Circuit Fusing	Motor Control Relay	Motor Starter w/Overloads	Main Power Light	Main Fuel Light	Load Demand Light	FSG Alarm Light	Air Flow Switch Safety	Manual Main Shut Off Valve	Gas Pressure Regulator	Low Gas Pressure Switch	Aux. Solenoid Gas Valve	Aux. Motorized Gas Valve	Aux. Gas POC switch	Normally Open Vent Valve	Main Diaphragm Gas Valve	Main Solenoid Gas Valve	Main Motorized Gas Valve	Main Gas POC switch	High Gas Pressure Switch	Manual Leak Test Valve	Butterfly Valve	Manual Pilot Shut Off Valve	Pilot Pressure Regulator	Pilot Solenoid Valve
4S-100	JB2G-30	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	X	-	X	X	-	X	X	X	X
4S-125	JB2G-50	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	X	X	X
4S-150	JB3G-50	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	X	X	X
4S-175	JB3G-50	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	X	X	X
4S-200	JB3G-75	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	X	X	X
4S-250	HDS5G-50A	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	-	-	-	X	X	X	X	X	X	X	X	X
4S-300	HDS5G-75A	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	X	-	-	X	X	X	X	X	X	X	X	X
4S-350	HDS5G-75A	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	X	-	-	X	X	X	X	X	X	X	X	X
4S-400	HDS5G-100B	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	X	-	-	X	X	X	X	X	X	X	X	X
4S-500	HDS5G-150B	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	X	-	-	X	X	X	X	X	X	X	X	X
4S-600	HDS7G-200B	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	X	-	-	X	X	X	X	X	X	X	X	X
4S-700	HDS7G-250B	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	X	-	-	X	X	X	X	X	X	X	X	X
4S-800	HDS7G-300B	X	X	X	-	X	X	X	X	X	X	X	X	X	-	-	X	-	-	X	X	X	X	X	X	X	X	X