



SERIES 4S

Webster Burner Information

Boiler Size	Burner Model	Motor		Firing Sequence ^[1]	Standard UL Flame Safeguard			Gas Train		
		HP	Voltage		Gas	#2 Oil	Gas/#2 Oil	Size ^[2]	Min. Pres.	Max. Pres.
4S-100	JB2-30	3	230/460/3	L-H-O LFS	RM7897C/UV	RM7897C/UV	RM7897C/UV	2 1/2	10" w.c.	28" w.c.
4S-125	JB3-50	5	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	2 1/2	16" w.c.	28" w.c.
4S-150	JB3-50	5	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	10" w.c.	28" w.c.
4S-175	JB3-75	7 1/2	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	14" w.c.	28" w.c.
4S-200	JB3-75	7 1/2	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	18" w.c.	28" w.c.
4S-250	HDS5-50A	5	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	23" w.c.	28" w.c.
4S-300	HDS5-75A	7 1/2	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	1.3 psig	10 psig
4S-350	HDS5-75A	7 1/2	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	1.7 psig	10 psig
4S-400	HDS5-100B	10	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	2 1/2	2.2 psig	10 psig
4S-500	HDS5-150B	15	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	3.4 psig	10 psig
4S-600	HDS7-200B	20	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	2.3 psig	10 psig
4S-700	HDS7-250B	25	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	3.2 psig	10 psig
4S-800	HDS9-300B	30	230/460/3	Full Mod	RM7840L/UV	RM7840L/UV	RM7840L/UV	3	4.4 psig	10 psig

[1] Explanation of Firing Sequences:

Gas and Gas Sequence on Combination Gas/Oil Boilers

L-H-O LFS Low fire start (not proven), high fire run, air control by linkage to motorized gas valve.

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

Oil and Oil Sequence on Combination Gas/Oil Boilers

On-Off LFS Low fire start (not proven), high fire, oil cylinder air control. Reduced input start with by-pass.

Full Mod Full modulation with proven low fire start, synchronized fuel/air control by modulating motor. With oil metering valve and oil pressure regulating valve.

[2] Gas trains for 400 hp and larger boilers are Siemens.