



AMERICA'S BOILER COMPANY

SERIES 3 w/ WEBSTER #2 OIL BURNERS page 1 of 2

Boiler Size	Burner Model	Blower Motor		Oil Pump Motor		Air Compressor		Firing Sequence	Flame Safeguard
		HP	Voltage	HP	Voltage	HP	Voltage		
3-40	JB1O-05	1/2	120/1/60	N/A	Integral	N/A	Press. Atom.	L-H-O	RM7897A
3-50	JB1O-07	3/4	120/1/60	N/A	Integral	N/A	Press. Atom.	L-H-O	RM7897A
3-60	JB2O-07	3/4	120/1/60	N/A	Integral	N/A	Press. Atom.	L-H-O	RM7897C
3-70	JB2O-10	1	240/1/60	N/A	Integral	N/A	Press. Atom.	L-H-O	RM7897C
3-80	JB2O-10	1	240/1/60	N/A	Integral	N/A	Press. Atom.	L-H-O	RM7897C
3-90	JB2O-20	2	240/1/60	N/A	Integral	N/A	Press. Atom.	L-H-O	RM7897C
3-100	JB2O-30	3	230-460/3/60	N/A	Integral	N/A	Press. Atom.	L-H-O	RM7840L
3-125	JB2O-50	5	230-460/3/60	3/4	230-460/3/60	N/A	Press. Atom.	FULL MOD	RM7840L
3-150	JB3O-50	5	230-460/3/60	3/4	230-460/3/60	N/A	Press. Atom.	FULL MOD	RM7840L
3-175	JB3O-50	5	230-460/3/60	3/4	230-460/3/60	N/A	Press. Atom.	FULL MOD	RM7840L
3-200	JB3O-75	7-1/2	230-460/3/60	1	230-460/3/60	N/A	Press. Atom.	FULL MOD	RM7840L
3-250	JB3O-100	10	230-460/3/60	1-1/2	230-460/3/60	N/A	Press. Atom.	FULL MOD	RM7840L
3-300	HDS5O-50A	5	230-460/3/60	1-1/2	230-460/3/60	N/A	Press. Atom.	FULL MOD	RM7840L
3-350	HDS5O-75A	7-1/2	230-460/3/60	1-1/2	230-460/3/60	N/A	Press. Atom.	FULL MOD	RM7840L
3-400	HDS5O-100B	10	230-460/3/60	1/2	230-460/3/60	7-1/2	230-460/3/60	FULL MOD	RM7840L
3-500	HDS5O-100B	10	230-460/3/60	1/2	230-460/3/60	7-1/2	230-460/3/60	FULL MOD	RM7840L
3-600	HDS7O-200B	20	230-460/3/60	1/2	230-460/3/60	7-1/2	230-460/3/60	FULL MOD	RM7840L
3-700	HDS7O-250B	25	230-460/3/60	1/2	230-460/3/60	7-1/2	230-460/3/60	FULL MOD	RM7840L
3-800	HDS7O-300B	30	230-460/3/60	1/2	230-460/3/60	7-1/2	230-460/3/60	FULL MOD	RM7840L
3-900	HDS9O-400C	40	230-460/3/60	1	230-460/3/60	10	230-460/3/60	FULL MOD	RM7840L
3-1000	HDS9O-600C	60	230-460/3/60	1	230-460/3/60	10	230-460/3/60	FULL MOD	RM7840L

Explanation of Firing Sequences on Oil:

- Low Fire Start Low fire start (not proven), high fire run, oil cylinder air control (reduced input start) with by-passing type nozzle, oil valve and oil pressure regulating valve.
- Modulating Full modulation with proven low fire start, synchronized fuel/air control with modulating motor, oil by-passing type nozzle, oil metering valve, oil pressure regulating valve.



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SERIES 3 w/ WEBSTER #2 OIL BURNERS page 1 of 2

Boiler Size	Burner Model	GENERAL										OIL 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 Oil Shut Off Valve	Oil Relief Valve	Oil Strainer	Oil Check Valve(s)	Low Oil Pressure Switch	Oil Metering Valve	Main Oil Valve Normally Closed	Safety Oil Valve	N.O. Bypass Oil Valve	Oil Back Pressure Relieving Valve	Oil Pressure Gauge(s)	Compound Gauge	Air Filter	Air Line Safety Valve	Air Chamber	Low Atom. Air Pressure Switch	Air Line Check Valve	Air Pressure Gauges	Direct Spark Oil Ignition	Direct Spark Oil Ignition Trans	Manual Pilot Shut Off Valve	Pilot Pressure Regulator	Pilot Solenoid Valve	Pilot Ignition Transformer
3-40	JB10-5	X	-	X	-	X	X	X	X	X	-	-	-	-	X	-	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	-	-	-
3-50	JB10-7	X	-	X	-	X	X	X	X	X	-	-	-	-	X	-	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	-	-	-
3-60	JB20-7	X	-	X	-	X	X	X	X	X	-	-	-	-	X	-	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	-	-	-
3-70	JB20-10	X	X	X	-	X	X	X	X	X	-	-	-	-	X	-	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	-	-	-
3-80	JB20-10	X	X	X	-	X	X	X	X	X	-	-	-	-	X	-	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	-	-	-
3-90	JB20-20	X	X	X	-	X	X	X	X	X	-	-	-	-	X	-	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	-	-	-
3-100	JB20-30	X	X	X	-	X	X	X	X	X	-	-	-	-	X	-	X	X	X	X	X	-	-	-	-	-	-	-	-	X	X	-	-	-	-
3-125	JB20-50	X	X	X	-	X	X	X	X	X	-	-	-	2	X	X	X	X	X	-	X	2	-	-	-	-	-	-	-	-	-	X	X	X	X
3-150	JB30-50	X	X	X	-	X	X	X	X	X	-	-	-	2	X	X	X	X	X	-	X	2	-	-	-	-	-	-	-	-	-	X	X	X	X
3-175	JB30-50	X	X	X	-	X	X	X	X	X	-	-	-	2	X	X	X	X	X	-	X	2	-	-	-	-	-	-	-	-	-	X	X	X	X
3-200	JB30-75	X	X	X	-	X	X	X	X	X	-	-	-	2	X	X	X	X	X	-	X	2	-	-	-	-	-	-	-	-	-	X	X	X	X
3-250	JB30-100	X	X	X	-	X	X	X	X	X	-	-	-	2	X	X	X	X	X	-	X	2	-	-	-	-	-	-	-	-	-	X	X	X	X
3-300	HDS50-50A	X	X	X	-	X	X	X	X	X	-	-	-	2	X	X	X	X	X	-	X	2	-	-	-	-	-	-	-	-	-	X	X	X	X
3-350	HDS50-75A	X	X	X	-	X	X	X	X	X	-	-	-	2	X	X	X	X	X	-	X	2	-	-	-	-	-	-	-	-	-	X	X	X	X
3-400	HDS50-100B	X	X	X	-	X	X	X	X	X	3	X	X	2	X	X	X	X	X	-	-	3	X	X	X	X	X	X	2	-	-	X	X	X	X
3-500	HDS50-100B	X	X	X	-	X	X	X	X	X	3	X	X	2	X	X	X	X	X	-	-	3	X	X	X	X	X	X	2	-	-	X	X	X	X
3-600	HDS70-200B	X	X	X	-	X	X	X	X	X	3	X	X	2	X	X	X	X	X	-	-	3	X	X	X	X	X	X	2	-	-	X	X	X	X
3-700	HDS70-250B	X	X	X	-	X	X	X	X	X	3	X	X	2	X	X	X	X	X	-	-	3	X	X	X	X	X	X	2	-	-	X	X	X	X
3-800	HDS70-300B	X	X	X	-	X	X	X	X	X	3	X	X	2	X	X	X	X	X	-	-	3	X	X	X	X	X	X	2	-	-	X	X	X	X
3-900	HDS90-400C	X	X	X	-	X	X	X	X	X	3	X	X	2	X	X	X	X	X	-	-	3	X	X	X	X	X	X	2	-	-	X	X	X	X
3-1000	HDS90-600C	X	X	X	-	X	X	X	X	X	3	X	X	2	X	X	X	X	X	-	-	3	X	X	X	X	X	X	2	-	-	X	X	X	X