



LNC SERIES

### Low Nox Power Flame Burner Information

Boiler Size	Burner Model		Motor Horsepower		Firing Sequence <sup>[1]</sup>		Gas Train		
	Gas and Gas/#2 Oil	Gas	Voltage	Gas	Gas/#2 Oil	Size	Min. Pres.	Max. Pres.	
C-20	LNIC1*-12	1/3	115/60/1	L-H-O	RM7895C/UV	1	4.3" w.c.	14.0" w.c.	
C-30	LNIC2*-20A	1/2	115/60/1	L-H-O	RM7895C/UV	1 1/4	6.0" w.c.	14.0" w.c.	
C-40	LNIC2*-20B	1/2	115/60/1	L-H-O	RM7895C/UV	1 1/4	5.5" w.c.	14.0" w.c.	
C-50	LNIC2*-20B	3/4	230/60/1	L-H-O	RM7895C/UV	1 1/2 / 1 1/4	8.3" w.c.	14.0" w.c.	
C-60	LNIC3*-20	3/4	208/460/3	L-H-O	RM7840L/UV	2 / 1 1/2	7.3" w.c.	14.0" w.c.	
C-70	LNIC3*-20	3/4	208/460/3	L-H-O	RM7840L/UV	2 / 1 1/2	6.1" w.c.	14.0" w.c.	
C-80	LNIC3*-25	1 1/2	208/460/3	L-H-O	RM7840L/UV	2 / 1 1/2	7.7" w.c.	14.0" w.c.	
C-90	LNIC4*-25	1 1/2	208/460/3	L-H-O	RM7840L/UV	2	8.2" w.c.	14.0" w.c.	
C-100	LNIC4*-30	3	208/460/3	L-H-O	RM7840L/UV	2	7.7" w.c.	14.0" w.c.	
C-125	LNIC5-G/GO-30	5	208/460/3	MOD	RM7840L/UV	2	10.7" w.c.	14.0" w.c.	
C-150	LNIC6-G/GO-30	10	208/460/3	MOD	RM7840L/UV	2 1/2	10.9" w.c.	28.0" w.c.	
C-175	LNIC6-G/GO-30	10	208/460/3	MOD	RM7840L/UV	3	11.4" w.c.	28.0" w.c.	
C-200	LNICMR9B-G/GO-30*	10	208/460/3	MOD	RM7840L/UV	3	12.5" w.c.	28.0" w.c.	

[1] Explanation of Firing Sequences:

**Gas and Gas Sequence on Combination Gas/Oil Boilers**

L-H-O      Slow opening gas valve, adjustable position (LFS) air damper, linked to motorized gas valve.

**Oil and Oil Sequence on Combination Gas/Oil Boilers**

L-H-O      Adjustable air damper (spring close), linked to oil pressure cylinder, oil pressure regulator and by-pass valve for LFS.

[2] Model C-50 - Dual size gas trains: Leak test cock and main gas valve are indicated by the first number; combination gas valve/regulator and main shutoff cock are indicated by the second number.

[3] Models C-60-C-80 - Dual size gas trains: Leak test cock, main gas valve and auxiliary gas valve are indicated by the first number; gas regulator and main shutoff cock are indicated by the second number.

\* LNICMR9B Burner is required for C-200 due to base interference and davited front smokebox doors are required.