



# BURNER SPEC & DATA SHEET

## SERIES LC™

### POWER FLAME MODEL “NPM” NOVA PREMIX LOW NOX GAS BURNER

#### STANDARD EQUIPMENT

1. Low NOx registered with SCAQMD and Texas.
2. Burner mounted control panel with on/off control switch, power-on and main fuel lights and terminal strip.
3. Spark ignited gas pilot.
4. Air flow safety switch.

#### OPTIONAL EQUIPMENT

1. Proven low fire start for L-H-L control systems.
2. Step-down control circuit transformer and control circuit fuse.
3. Controls to comply with FM, IRI and other codes. Contact your local Peerless® Representative or PB Heat, LLC for availability.
4. Various combustion controls. Contact your local Peerless® Representative or PB Heat, LLC for availability.

#### Standard Control Systems:

- O-O - On-off operation with one position air (LC-04 thru LC-05R).
- L-H-L - Low-high-low operation with low fire start and two position air (LC-05 thru LC-10).

#### Optional Control Systems:

- L-H-L - Low-high-low operation with low fire start and two position air (LC-04 thru LC-05R).
- MOD - Full modulation with proven low fire start. Requires potentiometer control (LC-04 thru LC-10).

#### POWER FLAME MODEL “NPM” GAS BURNER - STANDARD SPECIFICATIONS

BOILER MODEL	I=B=R	BURNER	SYSTEM	3450 RPM MOTOR		CONTROL	GAS CONTROL TRAIN			DAMPER SETTING (1)	FLANGE SETTING INCH
	INPUT			HP	VOLTAGE		PRESS. - “W.C.”		SIZE INCH		
	MBH						MIN.	MAX.			
LC-04	686	NPMR15-10-120	O-O	.25	115/60/1	RM7897A	5.2”	14”	1.00”	#5	2.625”
LC-05R	808	NPMR15-10-120	O-O	.25	115/60/1	RM7897A	4.9”	14”	1.00”	#6	2.625”
LC-05	881	NPMR30A-12-120	L-H-L	.33	115/60/1	RM7897A	4.9”	14”	1.25”	1.50”	2.625”
LC-06	1077	NPMR30A-12-120	L-H-L	.33	230/60/1	RM7897A	6.8”	14”	1.25”	1.75”	2.625”
LC-07	1273	NPMR50A-15-120	L-H-L	1.00	230/60/	RM7897A	5.5”	14”	1.50”	1.00”	2.625”
LC-08	1469	NPMR50A-15-120	L-H-L	1.00	230/60/	RM7897A	7.0”	14”	1.50”	1.25”	2.625”
LC-09	1664	NPMR50A-15-120	L-H-L	1.00	230/60/	RM7897A	8.5”	14”	1.50”	1.50”	2.625”
LC-10	1860	NPMR50A-15-120	L-H-L	1.00	230/60/	RM7897A	10.0”	14”	1.50”	1.75”	2.625”

(1) Start-up settings only. Final settings must be determined using combustion test equipment.

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