

LF24 UNIT HEATER

PERFORMANCE SPECIFICATIONS

Model*	GAS HEATING PERFORMANCE				CONNECTIONS			FAN DATA							PHYSICAL DATA	
	Heating Capacity Input Btuh [kW]	Heating Output Btuh [kW]	Steady State Efficiency	Temp. Rise °F (°C)	Vert. Flue Size Round Inches [mm]	Horiz. Flue Size Round Inches [mm]	Gas Piping Size Inches [NPT]	Number of Fans	Diameter Inches [mm]	Number of Blades	Motor Output hp [W]	Motor Full Load Amps	Motor RPMs	Air Vol. CFM [L/s]	Dimensions H x W x L [inches]	Ship Wt. [lbs.]
LF24-30A	30,000 (8.8)	24,300 (7.1)	81.0%	42 (23)	3 ¹ (76)	4 ³ (102)	1/2	1	10 (254)	4	1/20 (37)	1.7	1650	535 (250)	13 x 25 x 24	60
LF24-45A	45,000 (13.2)	36,500 (10.7)	81.0%	45 (25)	3 ¹ (76)	4 ³ (102)	1/2	1	10 (254)	4	1/20 (37)	1.7	1650	750 (355)	13 x 25 x 24	63
LF24-60A	60,000 (17.6)	48,000 (14.1)	80.0%	55 (31)	4 ² (102)	5 ⁴ (127)	1/2	1	14 (356)	3	1/10 (75)	4.1	1050	830 (390)	18 x 25 x 25	87
LF24-75A	75,000 (22.0)	60,000 (17.6)	80.0%	60 (33)	4 ² (102)	5 ⁴ (127)	1/2	1	14 (356)	3	1/10 (75)	4.1	1050	950 (450)	18 x 25 x 25	91

*A-Denotes aluminized steel heat exchanger. All models are 115 volts- 60 hertz-1 phase.

¹2-1/8 x 3 in. (54 x 76 mm) diameter adaptor is furnished with unit for flue connection.

²2 x 4 in. (51 x 102 mm) diameter adaptor is furnished with unit for flue connection.

³3 x 4 in. (76 x 102 mm) vent adaptor required (not furnished) for horizontal venting in residential applications.

⁴4 x 5 in. (102 x 127 mm) vent adaptor required (not furnished) for horizontal venting in residential applications.

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.

Model*	GAS HEATING PERFORMANCE					CONNECTIONS		FAN DATA							PHYSICAL DATA	
	Heating Capacity Input Btuh [kW]	Output Natural Btuh [kW]	Output LPG/Propane Btuh [kW]	Steady State Efficiency		Flue Size Round Inches [mm]	Gas Piping Size Inches [NPT]	Number of Fans	Diameter Inches [mm]	Number of Blades	Number of Motors	Motor Output hp [W]	Motor Full Load Amps [total]	Air Vol. CFM [L/s]	Dimensions H x W x L [inches]	Ship Wt. [lbs.]
LF24-100S LF24-100A	100,000 (114.3)	80,500 (23.6)	82,000 (24.0)	80.5%	82.0%	4 ¹ (102)	1/2	1	16 (406)	4	1	1/8 (93)	2.1	1900 (895)	32-3/16 x 20-3/16 x 39-3/16	140
LF24-115S LF24-115A	115,000 (33.7)	92,000 (27.0)	92,000 (27.0)	80.0%	80.0%	4 ¹ (102)	1/2	1	16 (406)	4	1	1/8 (93)	2.1	1900 (895)	32-3/16 x 20-3/16 x 39-3/16	140
LF24-145S LF24-145A	143,750 (42.1)	115,000 (33.7)	115,000 (33.7)	80.0%	80.0%	4 ¹ (102)	1/2	1	16 (406)	5	1	1/8 (93)	2.1	1900 (895)	32-3/16 x 20-3/16 x 39-3/16	150
LF24-175S LF24-175A	172,500 (50.6)	138,000 (40.4)	138,000 (40.4)	80.0%	80.0%	5 ¹ (127)	1/2	1	16 (406)	5	1	1/8 (93)	2.1	2200 (1035)	32-3/16 x 23-1/8 x 39-3/16	165
LF24-200S LF24-200A	195,000 (56.9)	156,000 (45.6)	156,000 (45.6)	80.0%	80.0%	5 ² (127)	1/2	1	16 (406)	5	1	1/8 (93)	2.1	2200 (1035)	32-3/16 x 41-1/8 x 40	175
LF24-230S LF24-230A	230,000 (67.5)	184,000 (53.9)	184,000 (53.9)	80.0%	80.0%	5 ² (127)	3/4	2	16 (406)	5	2	1/8 (93)	4.2	4400 (2075)	32-3/16 x 41-1/8 x 40	260
LF24-250S LF24-250A	250,000 (73.3)	201,250 (59.0)	205,000 (60.1)	80.5%	82.0%	5 ² (127)	3/4	2	16 (406)	5	2	1/8 (93)	2.1 (4.2)	4400 (2075)	32-3/16 x 41-1/8 x 40	285
LF24-300S LF24-300A	300,000 (87.9)	241,500 (70.8)	246,000 (72.1)	80.5%	82.0%	5 ² (127)	3/4	2	16 (406)	5	2	1/8 (93)	2.1 (4.2)	4400 (2075)	32-3/16 x 41-1/8 x 40	305
LF24-345S LF24-345A	345,000 (101.1)	276,000 (80.9)	281,200 (82.4)	80.0%	81.5%	6 ³ (152)	3/4	2	16 (406)	5	2	1/8 (93)	2.1 (4.2)	4400 (2075)	32-3/16 x 41-1/8 x 41-1/8	310
LF24-400S LF24-400A	390,000 (114.3)	312,000 (91.4)	312,000 (91.4)	80.0%	80.0%	6 ³ (152)	3/4	2	16 (406)	5	2	1/8 (93)	2.1 (4.2)	4400 (2075)	32-3/16 x 41-1/8 x 41-1/8	315

*S-Denotes stainless steel heat exchanger. A-Denotes aluminized steel heat exchanger. All models are 115 volts- 60 hertz-1 phase.

¹2-1/8 x 4 in. (54 x 102 mm) diameter adaptor is furnished with unit for flue connection.

²2-1/4 x 2-3/4 in. (57 x 70 mm) rectangular to 5 in. (127 mm) round adaptor is furnished with unit for flue connection.

³2-1/4 x 2-3/4 in. (57 x 70 mm) rectangular to 6 in. (152 mm) round adaptor is furnished with unit for flue connection.

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