

SPLIT SYSTEM COOLING - 1 - 5 TONS LENNOX


Feature	HS29	HSX12	HSX15
Maximum SEER	12.95	13.7	14.7
Dependable Scroll Compressor	Yes	Yes	Yes
Electronic 2 Speed Fan Motor	No	No	Yes
Onboard Diagnostics	No	No	Yes
Compressor Sound Enclosure	No	No	Yes
Crank Case Heater	Option	Option	Yes
Enamel Finish	Yes	Yes	Yes
Liquid Line Drier	No	Yes	Yes
Refrigerant	R22	R410A	R410A
Warranty:			
Compressor & Coil	10	10	10
Parts Warranty	5	5	5

Elite® HS29 11 SEER

Model	Cap. MBtuH	Max. SEER	Sound dB	Dim. HxWxD	Ref. Ctl. ¹	Ref.Conn. Liq.-Gas	MCA-Max. Fuse	R-22 Lbs. ²	Wgt.
HS29-012	12	11.05	74	25x24 ¹ / ₄ x24 ¹ / ₄	.047	³ / ₈ - ⁵ / ₈	7.3-15	2.75	146
HS29-018	18	12.00	76	25x24 ¹ / ₄ x24 ¹ / ₄	.057	³ / ₈ - ⁵ / ₈	11.0-15	3.63	146
HS29-024	24	12.95	76	25x24 ¹ / ₄ x24 ¹ / ₄	.063	³ / ₈ - ⁵ / ₈	13.8-20	3.81	148
HS29-030	30	12.10	76	29x24 ¹ / ₄ x24 ¹ / ₄	.067	³ / ₈ - ³ / ₄	15.9-30	4.25	140
HS29-036	36	12.20	76	33x24 ¹ / ₄ x24 ¹ / ₄	.073	³ / ₈ - ³ / ₄	23.8-35	4.56	145
HS29-042	42	12.15	78	33x24 ¹ / ₄ x24 ¹ / ₄	.078	³ / ₈ - ⁷ / ₈	23.0-40	5.63	158
HS29-048	48	11.95	80	33x24 ¹ / ₄ x24 ¹ / ₄	.086	³ / ₈ - ⁷ / ₈	31.2-50	6.63	191
HS29-060	60	12.05	80	33x24 ¹ / ₄ x24 ¹ / ₄	.093	³ / ₈ - ¹ / ₈	35.5-60	7.63	207

¹May be used with TXV or fixed orifice indoor coils ²Refrigerant charge sufficient for 20' lineset

Dave Lennox Signature™ HSX12 R-410A

Model	Cap. MBtuH	Max. SEER	Sound dB	Dim. HxWxD	Ref. Ctl.	Ref.Conn. Liq.-Gas	MCA-Max. Fuse	R-410A Lbs. ¹	Wgt.
HSX12-018	18.0	12.1	73	25x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	13.8-20	3.69	136
HSX12-024	24.0	12.1	73	25x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	17.8-30	4.12	138
HSX12-030	30.0	12.6	73	29x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	19.4-30	5.25	157
HSX12-036	36.0	13.0	73	29x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	20.2-35	5.87	160
HSX12-042	42.0	13.0	78	33x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁷ / ₈	25.7-40	6.87	185
HSX12-048	48.0	13.2	80	33x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁷ / ₈	30.5-45	7.94	185
HS32-060	60.0	12.7	80	29x28 ¹ / ₄ x28 ¹ / ₄	TXV	³ / ₈ - ¹ / ₈	36.2-60	9.81	214

²Refrigerant charge sufficient for 15' lineset

Dave Lennox Signature™ HSX15 R-410A

Model	Cap. MBtuH	Max. SEER	Sound dB	Dim. HxWxD	Ref. Ctl.	Ref.Conn. Liq.-Gas	MCA-Max. Fuse	R-410A Lbs. ¹	Wgt.
HSXA15-024	24.0	15.05	67	27 ⁷ / ₈ x25 ⁷ / ₈ x29 ⁷ / ₈	TXV	³ / ₈ - ³ / ₄	17.9-30	5.06	187
HSXA15-030	30.0	15.00	67	30 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ³ / ₄	19.6-30	5.63	222
HSXA15-036	36.0	14.85	69	30 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ³ / ₄	20.4-35	7.50	238
HSXA15-042	42.0	14.25	69	30 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ⁷ / ₈	25.3-40	7.81	238
HSXA15-048	48.0	14.65	71	30 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ⁷ / ₈	27.5-45	7.81	258
HSXA15-060	60.0	14.15	71	40 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ¹ / ₈	36.2-60	10.93	312

²Refrigerant charge sufficient for 15' lineset

R22 Refrigerant Charge Adjustment

If line length is greater than 20' add charge
 If line length is less than 20' subtract charge
 Maximum standard line length = 50'
 Liq. Line Size Adjustment/5ft

¹ / ₄	1 oz/5'
⁵ / ₁₆	2 oz/5'
³ / ₈	3 oz/5'

R410A Refrigerant Charge Adjustment

If line length is greater than 15' add charge
 If line length is less than 15' subtract charge
 Maximum standard line length = 50'
 Liq. Line Size Adjustment/5ft

³ / ₈	3 oz/5'
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SPLIT SYSTEM HEAT PUMP SINGLE PHASE - 1 THROUGH 5 TONS LENNOX



Feature	HP29	HPX12	HPXA15
Maximum SEER	11.5	14.0	14.75
HSPF Maximum	8.20	8.30	8.50
Lennox Operations Monitor	No	No	Yes
Automatic Defrost Control	Yes	Yes	Yes
High Capacity Drier	Yes	Yes	Yes
Crank Case Heater	1.5-2.0T	Yes	Yes
Durable Enamel Finish	Yes	Yes	Yes
Reversing Valve	Yes	Yes	Yes
Refrigerant	R22	R410A	R22
High Pressure Switch	No	Yes	No
Warranty:			
Compressor	10	10	10
Parts Warranty	5	5	5

Elite® Series HP29 1 Phase

Model	Cap. MBtuH Cool/Heat	SEER/HSPF	Sound db	Compressor Type	Dim. HxWxD	Ref. Ctl.	Ref.Conn. Liq.-Gas	MCA- Max. Fuse	R-22 Lbs.	Wgt.
HP29-018	17.9/17.2	10.0/6.8	76	Reciprocating	25x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁵ / ₈	14.0-20	4.31	152
HP29-024	22.4/22.0	10.0/6.8	76	Reciprocating	25x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁵ / ₈	18.0-30	4.25	152
HP29-030	26.0/28.0	10.0/7.0	74	Scroll	33x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	20.0-35	5.94	161
HP29-036	32.6/33.8	10.2/7.5	76	Scroll	33x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	20.4-35	7.31	173
HP29-042	38.5/40.0	10.0/7.1	78	Scroll	33x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁷ / ₈	25.9-45	8.50	182
HP29-048	43.5/43.5	10.3/7.4	78	Scroll	33x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁷ / ₈	30.8-50	7.94	190
HP29-060	56.0/55.5	10.5/6.8	80	Scroll	37 ¹ / ₄ x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ -1 ¹ / ₈	36.4-60	12.00	254

Elite® Series HPX12 R-410A

Model	Cap. MBtuH Cool/Heat	SEER/HSPF	Sound db	Compressor Type	Dim. HxWxD	Ref. Ctl.	Ref.Conn. Liq.-Gas	MCA- Max. Fuse	R-410A Lbs.	Wgt.
HPXA12-018	18.0	12.0/7.0	73	Scroll	32 ¹ / ₂ x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	17.7-30	7.31	160
HPXA12-024	24.0	12.0/7.0	73	Scroll	32 ¹ / ₂ x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	17.7-30	6.75	160
HPXA12-030	30.0	12.0/7.2	73	Scroll	32 ¹ / ₂ x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ³ / ₄	19.6-30	7.75	176
HPXA12-036	36.0	12.0/7.5	73	Scroll	32 ¹ / ₂ x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁷ / ₈	20.4-35	8.94	181
HPXA12-042	42.0	12.0/7.5	78	Scroll	32 ¹ / ₂ x24 ¹ / ₄ x24 ¹ / ₄	TXV	³ / ₈ - ⁷ / ₈	25.2-40	9.12	190
HPXA12-048	48.0	12.0/7.5	80	Scroll	37x28 ¹ / ₄ x28 ¹ / ₄	TXV	³ / ₈ - ⁷ / ₈	27.5-45	11.31	244
HPXA1-060	60.0	12.0/7.5	80	Scroll	37x28 ¹ / ₄ x28 ¹ / ₄	TXV	³ / ₈ -1 ¹ / ₈	36.2-60	11.19	244

Signature™ Series HPXA15 R-410A

Model	Cap. MBtuH Cool/Heat	SEER/HSPF	Sound db	Compressor Type	Dim. HxWxD	Ref. Ctl.	Ref.Conn. Liq.-Gas	MCA- Max. Fuse	R-410A Oz.	Wgt.
HPXA15-024	26.4	13.2	69	Scroll	27 ⁷ / ₈ x25 ⁷ / ₈ x29 ⁷ / ₈	TXV	³ / ₈ - ³ / ₄	30	111	193
HPXA15-024	30.4	14.7	72	Scroll	30 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ³ / ₄	30	164	198
HPXA15-024	35.6	14.1	72	Scroll	30 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ³ / ₄	35	154	243
HPXA15-024	43.5	14.0	71	Scroll	34 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ⁷ / ₈	40	152	252
HPXA15-024	49.0	13.8	74	Scroll	44 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ - ⁷ / ₈	45	199	265
HPXA15-024	56.0	12.5	74	Scroll	44 ⁷ / ₈ x32 ¹ / ₈ x34 ¹ / ₁₆	TXV	³ / ₈ -1 ¹ / ₈	60	235	362

R22 Refrigerant Charge Adjustment

If line length is greater than 15' add charge
 If line length is less than 15' subtract charge
 Maximum standard line length = 50'
 Liq. Line Size Adjustment/5ft

¹ / ₄	1 oz/5'
⁵ / ₁₆	2 oz/5'
³ / ₈	3 oz/5'

R410A Refrigerant Charge Adjustment

If line length is greater than 15' add charge
 If line length is less than 15' subtract charge
 Maximum standard line length = 50'
 Liq. Line Size Adjustment/5ft

³ / ₈	3 oz/5'
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CONDENSING FURNACES UPFLOW LENNOX

Model	Input MBtuH	Output MBtuH	AFUE %	Size HxWxD	Plenum Size	Return Air Side or Bottom	Blower Spd-HP	CFM-Low .5" Static ¹	CFM-Hi .5" Static ²	Wgt.
G61MPV-36B-070	66-45	61-43	94.1	40x17 ¹ / ₂ x28 ¹ / ₂	16 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	Variable	635	1435	151
G61MPV-36C-090	88-60	79-57	94.3	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	Variable	695	1355	170
G61MPV-60C-090	88-60	82-55	94.6	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	Variable	990	2100	180
G61MPV-60C-110	110-75	99-72	94.3	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	Variable	990	2170	188
G61MPV-60D-135	132-90	122-87	94.6	40x24 ¹ / ₂ x28 ¹ / ₂	23 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	Variable	995	2185	207
G61MP-36B-045	44-30	41-28	94.1	40x17 ¹ / ₂ x28 ¹ / ₂	16 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₃	950	1290	136
G61MP-36B-070	66-45	62-43	94.1	40x17 ¹ / ₂ x28 ¹ / ₂	16 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₃	945	1360	146
G61MP-48C-090	88-60	83-43	94.1	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₂	1215	1865	168
G61MP-60C-090	88-60	84-58	94.1	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4-1	1615	2450	176
G61MP-48C-110	110-75	104-72	94.1	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₂	1150	1780	178
G61MP-60C-110	110-75	104-72	94.1	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4-1	1735	2350	186
G61MP-60D-135	132-90	116.4	94.1	40x24 ¹ / ₂ x28 ¹ / ₂	23 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4-1	1595	2310	206
G51MP-24B-045	44	41	92.1	40x17 ¹ / ₂ x28 ¹ / ₂	16 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₅	740	1015	132
G51MP-36B-045	44	41	92.1	40x17 ¹ / ₂ x28 ¹ / ₂	16 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₃	950	1290	136
G51MP-36B-070	66	62	92.1	40x17 ¹ / ₂ x28 ¹ / ₂	16 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ³ / ₄	945	1360	146
G51MP-48C-090	88	83	92.1	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₂	1215	1865	168
G51MP-60C-090	88	83	92.1	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ³ / ₄	1615	2450	176
G51MP-48C-110	110	104	92.5	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ¹ / ₂	1150	1780	178
G51MP-60C-110	110	104	92.1	40x21x28 ¹ / ₂	19 ⁷ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4- ³ / ₄	1640	2270	186
G51MP-60D-135	132	124	92.1	40x24 ¹ / ₂ x28 ¹ / ₂	23 ³ / ₈ x19 ⁷ / ₁₆	16x23 ¹ / ₂	4-1	1595	2310	206

¹For G61MPV first stage low cool speed. ²For G61MPV second stage high cool speed



Feature	G61MPV	G61MP	G51MP
Heating Stages	2	2	1
Venting 1 or 2 Pipe	1 or 2 Pipe	1 or 2 Pipe	1 or 2 Pipe
Blower Speed	Variable	4 Speed	4 Speed
Enhanced Humidity Control	Yes	No	No
Upflow	Yes	Yes	Yes
Horizontal (left to right or right to left airflow)	Yes	Yes	Yes
Downflow	Yes	Yes	Yes
Stainless Steel Secondary HE	Yes	Yes	Yes
Ignitor Type	Silicon Nitride	Silicon Nitride	Silicon Nitride
SureLight Control Board w/ Self diagnostics	Yes	Yes	Yes
DURALOKPLUS Heat Exchanger	Yes	Yes	Yes
Warranty:			
All Parts	5 Year	5 Years	5 Year
Heat Exchanger Original Owner	Lifetime	Lifetime	Lifetime



Options	Description
59M13	LP Kit G61, G51
60G77	Concentric Vent 1 ¹ / ₂ "
33K97	Concentric Vent Kit 2"
60L46	Concentric Vent Kit 3"
22G44	Wall Termination Kit 2"
44J40	Wall Termination Kit 3"

• All Gas Connections 1/2" npt



80% GAS FURNACES LENNOX



Feature	G40UH	G60UHV	G60UH	G50UH	G50DF
Heating Stages	1	2	2	1	1
Blower Speed	4 Spd	Variable	4 Spd	4 Spd	4 Spd
Maximum AFUE	80.0	80.0	80.0	80.0	80.0
Cat III Venting	No	No	No	No	No
Complete Multi-Position	No	No	No	No	No
Upflow - Horizontal Installation	Yes	Yes	Yes	Yes	Dnflw Only
Heat Exchanger Type	Clamshell	Duralok+	Duralok+	Duralok+	Duralok+
SureLight® Furnace Control	Yes	Yes	Yes	Yes	Yes
Silicon Nitride Ignitor	Yes	Yes	Yes	Yes	Yes
Integrated Control w/ Diagnostics	Yes	Yes	Yes	Yes	Yes
Warranty:					
All Parts	1 Years	5 Years	5 Years	5 Years	5 Years
Ignition Control	3 Years				
Heat Exchanger	20 Years	20 Years	20 Years	20 Years	20 Years

Model	Input MBtuH	Output MBtuH	AFUE %	Size HxWxD	Supply Air Size	Return Air Bottom	Blower HP	CFM-Low Spd .5 Static	CFM-Hi Spd .5 Static	Flue Dia.	Wgt.
G40UH-24A-045	44	36.0	80.0	40x14 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/5	610	910	4	121
G40UH-24A-070	66	54.1	80.0	40x14 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/5	660	975	4	127
G40UH-36A-070	66	54.1	80.0	40x14 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/3	705	1215	4	132
G40UH-36A-090	88	72.1	80.0	40x17 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x16 ³ / ₈	23 ¹ / ₂ x16	1/3	830	1300	4	146
G40UH-48B-090	88	72.1	80.0	40x17 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x16 ³ / ₈	23 ¹ / ₂ x13	1/2	835	1320	4	153
G40UH-36C-110	110	90.2	80.0	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	19 ¹ / ₂ x23 ¹ / ₂	1/3	835	1320	4	166
G40UH-48C-110	110	88.5	80.0	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	19 ¹ / ₂ x23 ¹ / ₂	1/2	1120	1665	4	169
G40UH-60C-110	110	89.4	80.0	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	19 ¹ / ₂ x23 ¹ / ₂	3/4	1605	2025	4	175
G40UH-60C-135	132	106.9	80.0	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	19 ¹ / ₂ x23 ¹ / ₂	1/2	1645	2050	4 ¹	178
G40UH-48C-135	132	106.9	80.0	40x24 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x23 ³ / ₈	23x23 ¹ / ₂	3/4	1050	1640	4 ¹	192
G40UH-60D-155	154	124.7	80.0	40x24 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x23 ³ / ₈	23x23 ¹ / ₂	3/4	1600	1930	4 ¹	204

¹Most applications require field supplied 4 to 5 increaser and 5" vent system

- Gas connections all models 1/2"

Options	Description
45L60	LP Kit G40UH
67J92	Downflow Combustible Base 100-140
32J01	Downflow Filter Kit



80% UPFLOW/HORIZONTAL GAS FURNACES LENNOX

Model	Input MBtuH	Output MBtuH	AFUE %	Size HxWxD	Plenum Size	Return Air Bottom WxD	Blower HP	CFM-Low Spd .5 Static	CFM-Hi Spd .5 Static	Vent Dia.	Wgt.
G60UHV-36A-070	45-66	36-54	80	40x14 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/2 Var.	680	1300	4	137
G60UHV-36B-090	60-88	48-72	80	40x17 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x16 ³ / ₈	23 ¹ / ₂ x16	1/2 Var.	675	1250	4	154
G60UHV-60C-090	60-88	48-72	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	1 Var.	1000	1985	4	172
G60UHV-60C-110	75-110	60-90	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	1 Var.	955	1920	4	184
G60UHV-60D-135	90-132	72-108	80	40x24 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x23 ³ / ₈	23 ¹ / ₂ x23	1 Var.	990	1985	4 ¹	198
G60UH-24A-070	45-66	36-54	80	40x14 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/5	610	910	4	127
G60UH-36A-070	45-66	36-54	80	40x14 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/3	705	1215	4	132
G60UH-36B-090	60-88	48-72	80	40x17 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x16 ³ / ₈	23 ¹ / ₂ x16	1/3	830	1300	4	146
G60UH-48A-090	60-88	48-72	80	40x17 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x16 ³ / ₈	23 ¹ / ₂ x16	1/2	1195	1600	4	153
G60UH-36C-110	75-110	60-90	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	1/3	835	1320	4	166
G60UH-48C-110	75-110	60-90	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	1/2	1120	1665	4	169
G60UH-60D-135	90-132	72-108	80	40x24 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x23 ³ / ₈	23 ¹ / ₂ x23	3/4	1645	2050	4 ¹	175
G50UH-24A-045	44	36	80	40x14 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/5	610	910	4	121
G50UH-24A-070	66	54.1	80	40x14 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/5	660	975	4	127
G50UH-36A-070	66	54.1	80	40x14 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x13 ³ / ₈	23 ¹ / ₂ x13	1/3	705	1215	4	132
G50UH-36B-090	88	72.1	80	40x17 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x16 ³ / ₈	23 ¹ / ₂ x16	1/3	830	1300	4	146
G50UH-48B-090	88	72.1	80	40x17 ¹ / ₂ x28 ¹ / ₈	19 ⁷ / ₁₆ x16 ³ / ₈	23 ¹ / ₂ x16	1/2	1195	1600	4	153
G50UH-36C-110	110	90.2	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	1/3	835	1320	4	166
G50UH-48C-110	110	88.5	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	1/2	1120	1665	4	169
G50UH-60C-110	110	89.4	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	3/4	1605	2025	4	175
G50UH-48C-135	132	106.9	80	40x21x28 ¹ / ₂	19 ⁷ / ₁₆ x19 ⁷ / ₈	23 ¹ / ₂ x19 ¹ / ₂	1/2	1050	1640	4 ¹	178
G50UH-60D-135	132	106.9	80	40x24 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x23 ³ / ₈	23 ¹ / ₂ x23	3/4	1645	2050	4 ¹	195
G50UH-60D-155	154	124.7	80	40x24 ¹ / ₂ x28 ¹ / ₂	19 ⁷ / ₁₆ x23 ³ / ₈	23 ¹ / ₂ x23	3/4	1610	1955	4 ¹	204

*Most applications require field supplied 4 to 5 increaser and 5" vent system

80% DOWNFLOW GAS FURNACES LENNOX

Model	Input MBtuH	Output MBtuH	AFUE %	Size HxWxD	Plenum Size	Return Air Bottom WxD	Stages	CFM-Low Spd .5 Static	CFM-Hi Spd .5 Static	Flue Size	Wgt.
G50DF-24A-045	44	36	80	40x14 ¹ / ₂ x28 ¹ / ₂	19 ¹ / ₄ x13	19 ¹ / ₂ x13 ¹ / ₄	1	650	960	4	121
G50DF-24A-070	66	53	80	40x14 ¹ / ₂ x28 ¹ / ₂	19 ¹ / ₄ x13	19 ¹ / ₂ x13 ¹ / ₄	1	880	1200	4	132
G50DF-36A-070	66	53	80	40x14 ¹ / ₂ x28 ¹ / ₂	19 ¹ / ₄ x13	19 ¹ / ₂ x13 ¹ / ₄	1	880	1200	4	132
G50DF-36B-090	88	71	80	40x17 ¹ / ₂ x28 ¹ / ₂	19 ¹ / ₄ x16	19 ¹ / ₂ x16 ¹ / ₄	1	900	1295	4	146
G50DF-36C-110	110	87	80	40x21x28 ¹ / ₂	19 ¹ / ₄ x19 ¹ / ₂	19 ¹ / ₂ x19 ³ / ₄	1	900	1295	4	169
G50DF-48C-090	88	71	80	40x21x28 ¹ / ₂	19 ¹ / ₄ x19 ¹ / ₂	19 ¹ / ₂ x19 ³ / ₄	1	1170	1600	4	153
G50DF-48C-110	110	89	80	40x21x28 ¹ / ₂	19 ¹ / ₄ x19 ¹ / ₂	19 ¹ / ₂ x19 ³ / ₄	1	1065	1620	4	169
G50DF-60C-110	110	90	80	40x21x28 ¹ / ₂	19 ¹ / ₄ x19 ¹ / ₂	19 ¹ / ₂ x19 ³ / ₄	1	1625	2085	4	172
G50DF-60D-135	132	107	80	40x24 ¹ / ₂ x28 ¹ / ₂	19 ¹ / ₄ x23	19 ¹ / ₂ x23 ¹ / ₄	1	1615	2265	4	195

Options	Description
59M13	LP Kit G60UH
45L60	LP Kit G50DF
44J22	Side Filter Kit G660UH*070
66K63	Side Filter Kit G660UH*090,110,135



ELITE® 80 OIL FURNACES LENNOX



Feature	O23	OF23	OHR23	LG14
"EZ Clean" Heat Exchanger Design	Yes	Yes	Yes	No
Beckett AFII Burner	Yes	Yes	Yes	Optional
Outdoor Air Option (4" Intake)	Yes	Yes	Yes	No
Fully Insulated Cabinet & Blower	Yes	Yes	Yes	No
Draft Regulator Included	Yes	Yes	Yes	No
Breaching	6" Top or Side	6" Top or Side	6" Front	8 / 9" Front ¹
Front or Rear Flue Models Available	No	Yes	No	No
Direct Drive Blower Standard	Yes	Yes	Yes	No
Belt Drive Heat Only Models Available	Yes	Yes (2 Sizes)	No	Standard
Warranty:				
All Parts	5 Years	5 Years	5 Years	2 Years
Heat Exchanger	Lifetime	Lifetime	Lifetime	5 Years

¹ 8" 225/275; 9" other models

Options	Description	Use With
65A44	2 Stage Oil Pump	O23,OF23,OHR
35K07	Downflow Base	OHR23Q3
35K08	Downflow Base	OHR23Q5
25K05	Filter Rack	OHR23Q3
35K06	Filter Rack	OHR23Q5
62J01	Horizontal Vent Kit	OHR

Options	Description	Use With
23N07	Oil Burner Pkg.	LG14-225/275
23N06	Oil Burner Pkg.	LG14-350/450
23N07	Gas Burner Pkg	LG14-225
23N08	Gas Burner Pkg	LG14-275
23N09	Gas Burner Pkg	LG14-350/450
23N13	Filter Rack	LG14-225/275
23N14	Filter Rack	LG14-350/450

ELITE® 80% UPFLOW OIL FURNACE

Model	Input MBtuH	Output MBtuH	AFUE %	Nozzle	Size HxWxD	Plenum Size	Return Air Side HxW	Blower HP	CFM Range	Filter Size	Wgt
O23Q2/3-70/90	70	58.0	83.0	.50 80°A	54x19½x30⅝	19⅝x18	14x22	⅓	410-1260	16x25(1)	225
alt. firing rate	90	74.0	83.0	.65 80°B							
O23Q3/4-105/120	105	85.0	81.0	.65 80°B	54x19½x30⅝	19⅝x18	14x22	½	950-1350	16x25(1)	225
alt. firing rate	119	97.0	81.0	.75 80°B							
O23Q5-140/154	140	113.0	81.0	.85 80°B	54x19½x33⅞	22⅞x21	14x22	¾	1155-1950	16x25(1)	275
alt. firing rate	154	125.0	81.0	1.00 80°B							

ELITE® 80% LO-BOY OIL FURNACE

Model	Input MBtuH	Output MBtuH	AFUE %	Nozzle	Size HxWxD	Supply Size	Return Side	Blower HP	CFM Range	Filter Size	Wgt
OF23Q3/4-105/120	105	85.0	81.0	.65 80°B	37x19½x52½	21x18	16x18	½	1030-1490	18x19(1)	255
alt. firing rate	119	97.0	81.0	.75 80°B							
OF23Q5-140/154	140	113.0	81.0	.85 80°B	37x22½x52½	21x21	16x21	¾	1230-2110	19x21(1)	290
alt. firing rate	154	125.0	81.0	1.00 80°B							
OF23Q5-175/210R	175	140.0	80.0	1.10 80°B	39¼x24x54¾	23⅞x22½	18x22½	¾	1300-2300	20⅞x22⅞(1)	295
alt. firing rate	210	168.0	80.0	1.25 80°B							

ELITE® 81% HORIZONTAL/DOWNFLOW OIL FURNACE

Model	Input MBtuH	Output MBtuH	AFUE %	Nozzle	Size HxWxD	Supply Size	Return Side	Blower HP	CFM Range	Filter Size	Wgt
OHR23Q3-105/120	105	85.0	81.8	.65 80°B	20½x20½x59	18x18	18x18	½	545-1410	10⅞x20½x1(2)	255
alt. firing rate	120	97.0	81.3	.75 80°B							
OHR23Q5-140/154	140	113.0	81.0	.85 80°B	37x22½x52½	21x21	21x21	¾	1000-2070	11⅞x23½x1(1)	265
alt. firing rate	154	125.0	81.0	1.00 80°B							

SPLIT SYSTEM AIR HANDLERS 5 THROUGH 10 TONS - 1 & 3 PHASE
Elite 10™ Air Handler

Model	Nominal Tons	Ref.Conn. Liq.-Gas	Dim. HxWxD	Supply Air WxD	Return Air Size	HP	MCA/Max Fuse 230V	CFM Low .5"sp	CFM Hi .5"sp	Wgt.
CB29M-21/26	1.5-2.0	3/8-5/8	45 1/4x16 1/4x20 5/8	14 3/4x11 1/16	19x15	1/3	2.0/15	555	800	121
CB29M-31	2.5	3/8-3/4	45 1/4x16 1/4x20 5/8	14 3/4x11 1/16	19x15	1/3	3.0/15	800	960	123
CB29M-41	3.0	3/8-3/4	49 1/4x21 1/4x20 5/8	19 3/4x11 1/16	19x20	1/3	3.0/15	865	1300	156
CB29M-46	3.5	3/8-7/8	49 1/4x21 1/4x20 5/8	19 3/4x11 1/16	19x20	1/2	6.0/15	895	1280	160
CB29M-51	4.0	3/8-7/8	52 1/2x21 1/4x20 5/8	19 3/4x11 1/16	21x20	3/4	6.0/15	1065	1420	181
CB29M-65	5.0	3/8-1 1/8	52 1/2x21 1/4x20 5/8	19 3/4x11 1/16	21x20	3/4	6.0/15	1370	1750	181

Signature™ Variable Speed Air Handler

Model	Nominal Tons	Ref.Conn. Liq.-Gas	Dim. HxWxD	Supply Air WxD	Return Air Size	HP	MCA/Max Fuse 230V	CFM Low .5"sp	CFM Hi	Wgt.
CBX32MV-036	3.0	3/8-3/4	45 1/4x16 1/4x20 5/8	14 3/4x11 1/16	19x15	1/2	2.0/15	230	1400	183
CBX32MV-036	4.0	3/8-7/8	45 1/4x16 1/4x20 5/8	14 3/4x11 1/16	19x15	1	3.0/15	400	2005	212
CBX32MV-036	5.0	3/8-1 1/8	49 1/4x21 1/4x20 5/8	19 3/4x11 1/16	19x20	1	3.0/15	400	2005	212



Feature	CB29M	CBX32MV
Airflow	4 Position	
Blower Drive	Direct Drive	Variable
Refrigerant	R22	R-410A
Enhanced De-humidification	No	Yes
Filters	1	1
Dual Position Plastic Drain Pans	Yes	Yes
Transformer & Blower Cooling Relay	Yes	Yes
Warranty:		
All Parts	5 Years	5 Years

GWB8 SERIES GAS BOILER LENNOX



FEATURES

- Cast iron sections with insulated steel cabinet
- Combustion air inducer
- Titanium burners
- Packaged with circulator, pressure relief, P/T gauge, aquastat, and boiler drain
- Electronic ignition
- Honeywell boiler control

- Warranty
 - Heat Exchanger 20 Years
 - All Parts 1 Year

LP Kit # 54L57

Model	Input MBtuH	Output MBtuH	AFUE Efficiency	Supply Size	Return Size	Dimensions HxWxD	Vent Size	Gas Line Size ²	Wgt.
GWB8-042IE	42.5	36.0	84.4	1 ¹ / ₄	1 ¹ / ₄	29x11x23 ¹ / ₄	3 ¹	1 ¹ / ₂	215
GWB8-075IE	75.0	63.0	83.4	1 ¹ / ₄	1 ¹ / ₄	29x14 ¹ / ₄ x23 ¹ / ₄	3 ¹	1 ¹ / ₂	265
GWB8-112IE	112.5	94.0	83.0	1 ¹ / ₄	1 ¹ / ₄	29x17 ¹ / ₂ x23 ¹ / ₄	3 ¹	1 ¹ / ₂	322
GWB8-150IE	150.0	125.0	82.7	1 ¹ / ₄	1 ¹ / ₄	29x20 ³ / ₄ x23 ¹ / ₄	3 ¹	1 ¹ / ₂	370
GWB8-187IE	187.5	155.0	82.3	1 ¹ / ₄	1 ¹ / ₄	29x24x23 ¹ / ₄	4	1 ¹ / ₂	431
GWB8-225IE	225.0	186.0	82.0	1 ¹ / ₄	1 ¹ / ₄	29x27 ¹ / ₄ x23 ¹ / ₄	4	1 ¹ / ₂	480

¹Vent size for category III, category I diameter 4"; ²Natural gas, LP gas size ³/₄

GSB8 SERIES STEAM BOILER LENNOX



FEATURES

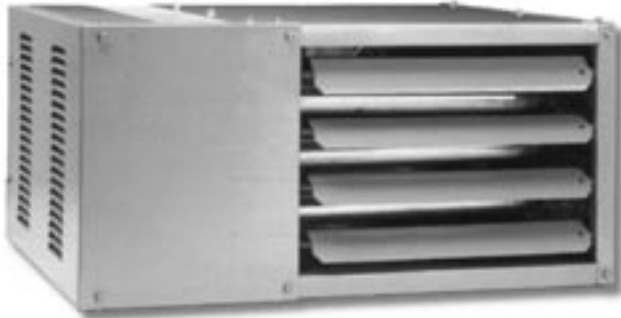
- Cast iron sections with insulated steel cabinet
- Combustion air vent damper
- Titanium burners
- Packaged with electronic low water cutoff, pressure relief, P/T gauge, aquastat, water level gauge, and boiler drain
- Electronic ignition (shown here) or standing pilot
- Honeywell boiler control

- Warranty
 - Heat Exchanger 20 Years
 - All Parts 1 Year

Model	Input MBtuH ¹	Output MBtuH ¹	AFUE Efficiency	Supply Size	Return Size	Dimensions HxWxD	Vent Size	Gas Line Size ²	Wgt.	LP Kit #
GSB8-075E	75.0	62.0	82.7	2 ¹ / ₂	2 ¹ / ₂	36 ⁵ / ₈ x11 ¹ / ₄ x26 ¹ / ₂	5	1 ¹ / ₂	325	57L60
GSB8-112E	112.5	91.0	80.4	2 ¹ / ₂	2 ¹ / ₂	36 ⁵ / ₈ x14 ¹ / ₂ x26 ¹ / ₂	6	1 ¹ / ₂	404	54L59
GSB8-150E	150.0	122.0	80.6	2 ¹ / ₂	2 ¹ / ₂	36 ⁵ / ₈ x17 ³ / ₄ x26 ¹ / ₂	6	1 ¹ / ₂	483	54L61
GSB8-187E	187.0	153.0	80.9	2 ¹ / ₂	2 ¹ / ₂	36 ⁵ / ₈ x21x26 ¹ / ₂	7	1 ¹ / ₂	564	54L63
GSB8-225E	225.0	183.0	81.1	2 ¹ / ₂	2 ¹ / ₂	36 ⁵ / ₈ x24 ¹ / ₄ x26 ¹ / ₂	7	1 ¹ / ₂	649	54L65
GSB8-262E	262.5	214.0	81.3	2 ¹ / ₂	2 ¹ / ₂	36 ⁵ / ₈ x27 ¹ / ₄ x26 ¹ / ₂	7	1 ¹ / ₂	719	54L67
GSB8-299E	299.0	245.0	81.5	2 ¹ / ₂	2 ¹ / ₂	36 ⁵ / ₈ x30 ³ / ₄ x26 ¹ / ₂	7	1 ¹ / ₂	800	54L69

¹Ratings for natural gas, LP rates slightly lower; ²Natural gas, LP gas size ³/₄

GAS FIRED UNIT HEATERS LENNOX



FEATURES

- 81% Steady State Efficiency
- Inshot Burners
- Aluminized Tubular Steel Heat Exchangers
- Optional Stainless Steel Burners
- Automatic Gas Control Valve
- Direct Drive Propeller Type Fan

Warranty
 Heat Exchanger 10 Years
 All Parts 1 Year

LF24 Series

Model	Input MBtuH	Output MBtuH	Dimensions HxWxD	Gas Conn	Flue Size	Air Volume CFM	Air Throw at 8'	Wgt	LP Kit
LF24-30A	30.0	24.3	12x25x24	1/2	3	535	25	63	20L05
LF24-45A	45.0	36.5	12x25x24	1/2	3	750	25	67	20L05
LF24-60A	30.0	48.0	17x25x25	1/2	4	830	40	87	20L05
LF24-75A	75.0	60.0	17x25x25	1/2	4	950	40	91	20L05

Model	Input MBtuH	Output MBtuH	Dimensions HxWxL	Gas Conn	Flue Size	Air Volume CFM	Air Throw	Wgt	LP Kit
LF24-100A	100.0	80.5	32 ³ / ₁₆ X20 ³ / ₁₆ X31 ⁵ / ₁₆	1/2	4	1900	60	140	45L85
LF24-125A	125.0	100.6	32 ³ / ₁₆ X20 ³ / ₁₆ X31 ⁵ / ₁₆	1/2	4	1900	60	150	45L85
LF24-150A	150.0	120.7	32 ³ / ₁₆ X23 ¹ / ₈ X31 ⁵ / ₁₆	1/2	4	2200	65	165	45L85
LF24-200A	195.0	156.0	32 ³ / ₁₆ X23 ¹ / ₈ X31 ⁵ / ₁₆	1/2	5	2200	65	175	20L07
LF24-250A	250.0	201.2	32 ³ / ₁₆ X41 ¹ / ₈ X31 ⁵ / ₁₆	3/4	5	4400	80	285	45L88
LF24-300A	300.0	241.5	32 ³ / ₁₆ X41 ¹ / ₈ X31 ⁵ / ₁₆	3/4	5	4400	80	305	45L88
LF24-345A	345.0	276.0	32 ³ / ₁₆ X41 ¹ / ₈ X31 ⁵ / ₁₆	3/4	6	4400	80	310	63J57
LF24-400A	400.0	312.0	32 ³ / ₁₆ X41 ¹ / ₈ X31 ⁵ / ₁₆	3/4	6	4400	80	315	20L06



HEAT/ENERGY RECOVERY VENTILATORS LENNOX

Model	Description	Standard Equipment	CFM @ .1 Static CFM @ .5 Static	Efficiency	Defrost Type	Dimensions HxWxD	Connection Out-In
HRV1-150	Heat Recovery	Aluminum Core	177-123	78%	Damper	19x31x14 ³ / ₄	6"-6"
HRV1-200	Heat Recovery	Aluminum Core	214-170	69%	Damper	19x31x14 ³ / ₄	6"-6"
ERV1-150	Energy Recovery	Enthalpic Core	177-123	78%	--	19x31x14 ³ / ₄	6"-6"
ERV1-200	Energy Recovery	Enthalpic Core	214-170	69%	--	19x31x14 ³ / ₄	6"-6"



Features:

- Enthalpic core transfer moisture and heat (ERV)
- Thermally conductive patented aluminum core transfers heat (HRV)
- ERV Models recommended for areas where outdoor temperature does not drop below 25°
- Washable air filters in exhaust and supply air streams
- Optional remote controls.
- Pre-painted, steel cabinet

Defrost Strategy:

Fan: Uses supply fan shutdown for defrost below 10° F.
 Damper: Cold air is shut off by damper to allow room air to defrost core.

HEAT RECOVERY VENTILATORS SIZING (HRV)

HRV SIZING GUIDELINES

Residential: HRV CFM should be sized for 0.3 air changes per hour for the total cubic feet of interior space.

Commercial: ASHREA Ventilation Standard 6201989 has listed the following ventilation rates (See Table)

Building Type	Ventilation Requirement
Restaurant, Small Store	20 CFM per Occupant
Bar, Tavern	30 CFM per Occupant
School	15 CFM per Occupant
Print Shop	0.5 CFM/cubic ft. per person
Swimming Pool	1 CFM per sq. ft. of water surface
Hot Tub	7-10 CFM/sq. ft. of water surface

HUMIDIFIERS LENNOX

Model	Description	Dimensions H x W x D	Plenum Opening H x W	By Pass Size	Cap. Gal. Per Day	Electrical Char.
WP2-18	Healthyclimate™ Supply, Power Humidifier	16x16x10 ³ / ₈	14 ⁷ / ₈ x14 ³ / ₁₆	--	18	120V-60Hz-1ph
WB2-12	Healthyclimate™ Return, By-Pass Humidifier	12 ³ / ₄ x12 ⁷ / ₈ x9	9 ¹ / ₂ x9 ³ / ₈	6	12	24V
WB2-17	Healthyclimate™ Return, By-Pass Humidifier	15 ¹ / ₂ x13 ¹ / ₈ x9	9 ³ / ₄ x12 ¹ / ₂	6	16.8	24V



WD1-15



WB2-17



WP2-18

Model	Description	Dimensions H x W x D	Plenum Opening H x W	By Pass Size	Capacity Gal. Per Day	Electrical Char.
WD1-15	Humidwheel® Humidifier	11 ³ / ₄ x12x10 ³ / ₄	8x7	6		24V-60Hz-1ph
WS1-18	Humidispay® Humidifier	11 ³ / ₄ x12x10 ³ / ₄	8x7	6	3 gph	24V-60Hz-1ph

Model #	Deluxe Humidstat	Filter Media	Replacement Media
WD1-15	38648	21307	
WS1-18	38648	21308	
WP2-18			59P94
WB2-12			52P66
WB2-17			59P94