



SUBMITTAL DATA

June 2006

Supersedes November 2004

SPECIFICATIONS

General Data		Nominal Tonnage Model No.	3 Ton LCE036H4	5 Ton LCE060H4	10 Ton LCE120H4	20 Ton LCE240H4
		Efficiency Type	High	High	High	High
Cooling Performance	Gross Cooling Capacity - Btuh (kW)		37,300 (10.9)	62,700 (18.4)	126,000 (36.9)	248,000 (72.6)
	¹ Net Cooling Capacity - Btuh (kW)		36,000 (10.5)	60,000 (17.6)	120,000 (35.2)	240,000 (70.3)
	ARI Rated Air Flow - cfm (L/s)		1200 (565)	2000 (945)	3700 (1745)	7000 (3305)
	Total Unit Power (kW)		3.0	5.3	10.9	21.8
	¹ SEER (Btuh/Watt)		13.2	13.0	N/A	N/A
	¹ EER (Btuh/Watt)		12.0	11.3	11.0	11.0
	² Integrated Part Load Value (Btuh/Watt)		N/A	N/A	11.8	12.0
Refrigerant Charge Furnished R-410A	Circuit 1		11 lbs. 0 oz. (5.0 kg)	11 lbs. 13 oz. (5.4 kg)	12 lbs. 8 oz. (5.7 kg)	11 lbs. 8 oz. (5.7 kg)
	Circuit 2		---	---	11 lbs. 0 oz. (5.0 kg)	11 lbs. 8 oz. (5.7 kg)
	Circuit 3		---	---	---	11 lbs. 8 oz. (5.7 kg)
	Circuit 4		---	---	---	11 lbs. 8 oz. (5.7 kg)
³ Sound Rating Number (dB)			82	82	87	92
Compressor Type (No.)			Scroll (1)	Scroll (1)	Scroll (2)	Scroll (4)
Condenser Coil	Net face area - sq. ft. (m ²)		18.0 (1.67)	18.0 (1.67)	27.7 (2.6)	56.5 (5.2)
	Tube diameter - in. (mm)		3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Number of rows		2	2	2	2
	Fins per inch (m)		20 (787)	20 (787)	20 (787)	20 (787)
Condenser Fan(s)	Motor horsepower (W)		(1) 1/3 (249)	(1) 1/3 (249)	(2) 1/3 (249)	(4) 1/3 (249)
	Motor rpm		1075	1075	1075	1075
	Total Motor watts		350	350	700	1400
	Diameter - in. (mm)		(1) 24 (610)	(1) 24 (610)	(2) 24 (610)	(4) 24 (610)
	Number of blades		3	3	3	3
	Total air volume - cfm (L/s)		4000 (1890)	4000 (1890)	8000 (3775)	15,500 (7315)
Evaporator Coil	Net face area - sq. ft. (m ²)		6.0 (0.56)	6.0 (0.56)	10.7 (0.99)	21.3 (2.0)
	Tube diameter - in. (mm)		3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Number of rows		3	4	4	4
	Fins per inch (m)		14 (551)	14 (551)	14 (551)	14 (551)
	Drain connection - no. & size		(1) 1 (25)	(1) 1 (25)	(1) 1 (25)	(1) 1 (25)
	Expansion device type		Thermostatic Expansion Valve			
⁴ Indoor Blower and Drive Selection	Nominal motor output		1.5 (1.1)	1.5 (1.1)	3 (2.2)	5 (3.7)
	Maximum usable motor output		1.7 (1.3)	1.7 (1.3)	3.45 (2.6)	5.75 (4.3)
	RPM Range		575 - 865	860 - 1150	660 - 850	700 - 880
	Wheel nominal diameter x width in. (mm)		(1) 10 x 10 (254 x 254)	(1) 10 x 10 (254 x 254)	(1) 15 x 15 (381 x 381)	(2) 15 x 15 (381 x 381)
Filters	Type of filter		Farr 30-30 or equivalent			
	Number and size - in. (mm)		(2) 16 x 25 x 2 (406 x 635 x 51)	(2) 16 x 25 x 2 (406 x 635 x 51)	(4) 16 x 25 x 2 (406 x 635 x 51)	(9) 16 x 25 x 2 (406 x 635 x 51)
Shipping Data	Net wt. - Basic unit w/ accessories		796 (361)	850 (386)	1653 (751)	2860 (1297)
	Ship. wt. - Basic unit w/acc. 1 Pkg.		880 (399)	934 (424)	1751 (796)	2960 (1343)
Electrical characteristics			208/230V, 460V, or 575V - 60 hertz - 3 phase			

NOTE - Net capacity includes evaporator blower motor heat deduction. Gross capacity does not include evaporator blower motor heat deduction.
¹ Certified in accordance with the ULE certification program, which is based on ARI Standard 340/360, 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering evaporator air; minimum external duct static pressure.
² Integrated Part Load Value rated at 80°F (27°C) outdoor air temperature.
³ Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
⁴ Using total air volume and system static pressure requirements determine from blower performance tables rpm and motor output required. Maximum usable output of motors furnished by Lennox are shown. In Canada, nominal motor output is also maximum usable motor output. If motors of comparable output are used, be sure to keep within the service factor limitations outlined on the motor nameplate.

STANDARD FEATURES

Outdoor Air Damper

Circuit Breaker

GFCI service outlets (115v). Field wiring required.

FACTORY INSTALLED OPTIONS

Electric Heat - See Electric Heat Data Tables for details

Danfoss Control

Novar Control

Economizer - Modulating IAQ ready

Corrosion Protection — Phenolic epoxy coating applied to condenser and evaporator coils. Painted bases and inside surfaces.

Smoke Detector (supply or return air) with 115v/24v transformer. Field wiring required.

Power Exhaust Fans - LCE120H & LCE240H

ELECTRICAL DATA

Model No.	LCE036H4			LCE060H4			
Line voltage data - 60 Hz - 3 phase	208/230V	460V	575V	208/230V	460V	575V	
¹ Maximum Overcurrent Protection (amps)	30	15	15	40	20	15	
² Minimum Circuit Ampacity	23	11	9	28	14	11	
Compressor	Rated load amps	11.5	5.1	4.3	15.6	7.8	5.8
	Locked rotor amps	77	35	36	110	52	35.5
Condenser Fan Motor	Full load amps	2.4	1.3	1.0	2.4	1.3	1.0
	Locked rotor amps	4.7	2.4	1.9	4.7	2.4	1.9
Evaporator Blower Motor	Motor Output - hp (Kw)	1.5 (1.1)	1.5 (1.1)	1.5 (1.1)	1.5 (1.1)	1.5 (1.1)	1.5 (1.1)
	Full load amps	5.7	2.8	2.4	5.7	2.8	2.4
	Locked rotor amps	40	20	13.2	40	20	13.2
Service Outlet (2) 115 volt GFCI (amp rating)	20	20	15	20	20	15	

NOTE - Extremes of operating range are plus and minus 10 % of line voltage.

1 HACR type breaker or fuse.

2 Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

Model No.	LCE120H4			LCE240H4			
Line voltage data - 60 Hz - 3 phase	208/230V	460V	575V	208/230V	460V	575V	
¹ Maximum Overcurrent Protection (amps)	With Exhaust Fan	60	30	25	110	50	40
	Less Exhaust Fan	60	30	20	100	50	40
² Minimum Circuit Ampacity	With Exhaust Fan	54	27	21	99	49	38
	Less Exhaust Fan	51	25	19	93	46	35
Compressors	Number	2	2	2	4	4	4
	Rated load amps - each (total)	15.6 (31.2)	7.8 (15.6)	5.8 (11.6)	15.6 (62.4)	7.8 (31.2)	5.8 (23.2)
	Locked rotor amps - each (total)	110 (220)	52 (104)	35.5 (71)	110 (440)	52 (208)	35.5 (142)
Condenser Fan Motors	Number	2	2	2	4	4	4
	Full load amps - each (total)	2.4 (4.8)	1.3 (2.6)	1.0 (2.0)	2.4 (9.6)	1.3 (5.2)	1.0 (4.0)
	Locked rotor amps - each (total)	4.7 (9.4)	2.4 (4.8)	1.9 (3.8)	4.7 (18.8)	2.4 (9.6)	1.9 (7.6)
Evaporator Blower Motor	Motor Output - hp (kW)	3 (2.2)	3 (2.2)	3 (2.2)	5 (3.7)	5 (3.7)	5 (3.7)
	Full load amps	10.6	4.8	3.9	16.7	7.6	6.1
	Locked rotor amps	58.0	26.8	16.2	105	45.6	36.6
Optional Power Exhaust Fan	(Number) Horsepower (W)	(1) 1/2 (373)	(1) 1/2 (373)	(1) 1/2 (373)	(2) 1/2 (373)	(2) 1/2 (373)	(2) 1/2 (373)
	Full load amps	3.0	1.5	1.2	3.0 (6.0)	1.5 (3.0)	1.2 (2.4)
	Locked rotor amps	6.0	3.0	2.9	6.0 (12.0)	3.0 (6.0)	2.9 (5.8)
Service Outlet (2) 115 volt GFCI (amp rating)	20	20	15	20	20	15	

NOTE - Extremes of operating range are plus and minus 10 % of line voltage.

1 HACR type breaker or fuse.

2 Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

ELECTRIC HEAT DATA

Electric Heat & Net Weight	Volts Input	kW Input	Btuh Output	¹ Minimum Circuit Ampacity Total Unit + Electric Heat	² Maximum Overcurrent Protection Total Unit + Electric Heat
LCE036 and LCE060					
15 kW 26 lbs. (12 kg)	208	11.3	38,600	53	60
	220	12.6	43,000	53	60
	230	13.8	47,100	53	60
	240	15.0	51,200	53	60
	440	12.6	43,000	27	30
	460	13.8	47,100	27	30
	480	15.0	51,200	27	30
	550	12.6	43,000	21	25
	575	13.8	47,100	21	25
	600	15.0	51,200	21	25
30 kW LCE060 only 29 lbs. (13 kg)	208	22.5	76,800	98	100
	220	25.2	86,000	98	100
	230	27.5	93,900	98	100
	240	30.0	102,400	98	100
	440	25.2	86,000	49	50
	460	27.5	93,900	49	50
	480	30.0	102,400	49	50
	550	25.2	86,000	40	40
	575	27.5	93,900	40	40
	600	30.0	102,400	40	40
LCE120					
15 kW 26 lbs. (12 kg)	208	11.3	38,600	59	60
	220	12.6	43,000	59	60
	230	13.8	47,100	59	60
	240	15.0	51,200	59	60
	440	12.6	43,000	29	30
	460	13.8	47,100	29	30
	480	15.0	51,200	29	30
	550	12.6	43,000	23	25
	575	13.8	47,100	23	25
	600	15.0	51,200	23	25
30 kW 29 lbs. (13 kg)	208	22.5	76,800	104	110
	220	25.2	86,000	104	110
	230	27.5	93,900	104	110
	240	30.0	120,400	104	110
	440	25.2	86,000	52	60
	460	27.5	93,900	52	60
	480	30.0	102,400	52	60
	550	25.2	86,000	41	45
	575	27.5	93,900	41	45
	600	30.0	102,400	41	45
45 kW 38 lbs. (17 kg)	208	33.8	115,300	149	150
	220	37.8	129,000	149	150
	230	41.3	141,000	149	150
	240	45.0	153,600	149	150
	440	37.8	129,000	74	80
	460	41.3	141,000	74	80
	480	45.0	153,600	74	80
	550	37.8	129,000	59	60
	575	41.3	141,000	59	60
	600	45.0	153,600	59	60
60 kW 38 lbs. (17 kg)	208	45.0	153,600	158	175
	220	50.4	172,000	158	175
	230	55.1	188,000	158	175
	240	60.0	204,800	158	175
	440	50.4	172,000	79	80
	460	55.1	188,000	79	80
	480	60.0	204,800	79	80
	550	50.4	172,000	63	70
	575	55.1	188,000	63	70
	600	60.0	204,800	63	70

Electric Heat & Net Weight	Volts Input	kW Input	Btuh Output	¹ Minimum Circuit Ampacity Total Unit + Electric Heat	² Maximum Overcurrent Protection Total Unit + Electric Heat
LCE240					
30 kW 59 lbs. (27 kg)	208	22.5	76,800	112	125
	220	25.2	86,000	112	125
	230	27.5	93,900	112	125
	240	30.0	102,400	112	125
	440	25.2	86,000	55	60
	460	27.5	93,900	55	60
	480	30.0	102,400	55	60
	550	25.2	86,000	44	45
	575	27.5	93,900	44	45
	600	30.0	104,400	44	45
60 kW 76 lbs. (35 kg)	208	45.0	153,600	166	175
	220	50.4	172,000	166	175
	230	55.1	188,000	166	175
	240	60.0	204,800	166	175
	440	50.4	172,000	82	90
	460	55.1	188,000	82	90
	480	60.0	204,800	82	90
	550	50.4	172,000	66	70
	575	55.1	188,100	66	70
	600	60.0	204,800	66	70
90 kW 84 lbs. (38 kg)	208	67.6	230,700	238	250
	220	75.6	258,000	238	250
	230	82.7	282,200	238	250
	240	90.0	307,100	238	250
	440	75.6	258,000	118	125
	460	82.7	282,200	118	125
	480	90.0	307,100	118	125
	550	75.6	258,000	95	100
	575	82.7	282,000	95	100
	600	90.0	307,100	95	100

¹ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F (75°C).

² HACR type breaker or fuse.

RATINGS

LCE036H4B COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	960	455	35.4	10.4	1.94	.72	.85	.97	33.8	9.9	2.25	.73	.87	.99	32.1	9.4	2.60	.75	.89	1.00	30.1	8.8	2.99	.77	.92	1.00
	1200	565	36.9	10.8	1.95	.77	.92	1.00	35.2	10.3	2.25	.79	.95	1.00	33.4	9.8	2.60	.81	.97	1.00	31.5	9.2	2.99	.83	.99	1.00
	1440	680	38.2	11.2	1.95	.82	.98	1.00	36.5	10.7	2.26	.85	.99	1.00	34.7	10.2	2.60	.87	1.00	1.00	32.9	9.6	2.99	.90	1.00	1.00
67°F (19°C)	960	455	37.9	11.1	1.95	.56	.69	.82	36.1	10.6	2.25	.57	.71	.84	34.2	10.0	2.60	.58	.72	.86	32.1	9.4	3.00	.59	.74	.89
	1200	565	39.2	11.5	1.96	.60	.75	.89	37.3	10.9	2.26	.60	.76	.91	35.3	10.3	2.60	.62	.78	.94	33.2	9.7	2.99	.63	.81	.97
	1440	680	40.1	11.8	1.96	.63	.80	.96	38.2	11.2	2.26	.64	.82	.98	36.1	10.6	2.60	.66	.85	.99	33.9	9.9	2.99	.67	.88	1.00
71°F (22°C)	960	455	40.5	11.9	1.96	.42	.55	.66	38.6	11.3	2.26	.43	.55	.68	36.6	10.7	2.61	.43	.56	.70	34.4	10.1	3.00	.43	.58	.72
	1200	565	41.8	12.3	1.96	.44	.58	.72	39.8	11.7	2.27	.44	.59	.74	37.7	11.0	2.61	.44	.60	.76	35.3	10.3	3.00	.45	.62	.79
	1440	680	42.7	12.5	1.97	.45	.62	.78	40.6	11.9	2.27	.45	.63	.80	38.4	11.3	2.61	.46	.65	.83	36.0	10.6	3.00	.47	.67	.85

LCE060H4B COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	60.1	17.6	3.59	.71	.85	.98	57.2	16.8	4.08	.72	.87	1.00	54.0	15.8	4.64	.74	.90	1.00	50.6	14.8	5.30	.77	.94	1.00
	2000	945	62.5	18.3	3.62	.77	.93	1.00	59.4	17.4	4.11	.79	.96	1.00	56.2	16.5	4.67	.81	.98	1.00	52.9	15.5	5.32	.84	1.00	1.00
	2400	1135	64.6	18.9	3.64	.83	.99	1.00	61.6	18.1	4.14	.85	1.00	1.00	58.5	17.1	4.70	.88	1.00	1.00	55.1	16.1	5.35	.91	1.00	1.00
67°F (19°C)	1600	755	63.8	18.7	3.64	.56	.69	.82	60.7	17.8	4.13	.56	.70	.84	57.2	16.8	4.69	.57	.72	.87	53.5	15.7	5.34	.59	.74	.90
	2000	945	65.8	19.3	3.67	.59	.74	.90	62.5	18.3	4.15	.60	.76	.93	58.9	17.3	4.71	.61	.79	.96	55.0	16.1	5.36	.63	.82	.99
	2400	1135	67.3	19.7	3.68	.62	.80	.97	63.9	18.7	4.16	.64	.83	.99	60.2	17.6	4.73	.66	.86	1.00	56.2	16.5	5.38	.68	.89	1.00
71°F (22°C)	1600	755	68.0	19.9	3.69	.42	.54	.66	64.6	18.9	4.18	.42	.55	.68	60.9	17.8	4.75	.42	.56	.70	56.9	16.7	5.39	.43	.58	.72
	2000	945	69.9	20.5	3.72	.43	.58	.72	66.4	19.5	4.21	.43	.59	.74	62.5	18.3	4.77	.44	.60	.76	58.2	17.1	5.41	.45	.62	.80
	2400	1135	71.2	20.9	3.74	.44	.61	.78	67.5	19.8	4.23	.45	.63	.81	63.5	18.6	4.79	.46	.65	.84	59.2	17.3	5.43	.46	.67	.87

LCE120H4B PART LOAD COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			65°F (18°C)						75°F (24°C)						85°F (29°C)						95°F (35°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	3200	1510	66.1	19.4	2.57	.59	.74	.92	63.6	18.6	2.94	.59	.76	.94	60.9	17.8	3.35	.60	.79	.97	58.1	17.0	3.80	.62	.81	.99
	4000	1890	68.7	20.1	2.58	.63	.84	1.00	66.1	19.4	2.96	.65	.87	1.00	63.4	18.6	3.36	.67	.89	1.00	60.4	17.7	3.82	.69	.93	1.00
	4800	2265	70.9	20.8	2.60	.70	.93	1.00	68.3	20.0	2.97	.72	.95	1.00	65.5	19.2	3.38	.75	.98	1.00	62.5	18.3	3.84	.78	1.00	1.00
67°F (19°C)	3200	1510	70.3	20.6	2.59	.46	.56	.69	67.6	19.8	2.97	.47	.57	.71	64.7	19.0	3.38	.47	.58	.74	61.6	18.1	3.83	.48	.60	.77
	4000	1890	72.7	21.3	2.61	.49	.61	.79	69.8	20.5	2.98	.49	.62	.82	66.8	19.6	3.39	.50	.64	.85	63.5	18.6	3.85	.51	.66	.88
	4800	2265	74.4	21.8	2.62	.51	.67	.89	71.5	21.0	2.99	.52	.69	.91	68.3	20.0	3.41	.53	.72	.95	64.9	19.0	3.87	.54	.75	.98
71°F (22°C)	3200	1510	74.9	22.0	2.62	.35	.45	.54	72.0	21.1	3.00	.35	.45	.55	68.9	20.2	3.41	.35	.46	.56	65.7	19.3	3.87	.36	.46	.57
	4000	1890	77.3	22.7	2.64	.36	.47	.59	74.2	21.7	3.02	.36	.48	.60	71.0	20.8	3.43	.36	.49	.61	67.5	19.8	3.89	.37	.50	.63
	4800	2265	78.9	23.1	2.65	.37	.50	.64	75.7	22.2	3.03	.37	.51	.66	72.3	21.2	3.44	.38	.52	.69	68.7	20.1	3.90	.38	.53	.72

LCE120H4B FULL LOAD COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	3200	1510	121.9	35.7	7.37	.67	.82	.97	116.3	34.1	8.37	.68	.84	.99	110.2	32.3	9.55	.70	.88	1.00	103.6	30.4	10.91	.72	.91	1.00
	4000	1890	126.6	37.1	7.43	.72	.91	1.00	120.8	35.4	8.44	.74	.94	1.00	114.6	33.6	9.61	.77	.97	1.00	108.1	31.7	10.96	.80	1.00	1.00
	4800	2265	130.7	38.3	7.48	.79	.98	1.00	125.0	36.6	8.50	.81	1.00	1.00	119.1	34.9	9.67	.85	1.00	1.00	112.6	33.0	11.04	.88	1.00	1.00
67°F (19°C)	3200	1510	129.2	37.9	7.47	.52	.65	.78	123.2	36.1	8.47	.53	.66	.80	116.7	34.2	9.64	.54	.68	.83	109.4	32.1	11.01	.55	.70	.87
	4000	1890	133.3	39.1	7.52	.56	.70	.88	126.9	37.2	8.54	.57	.72	.90	120.0	35.2	9.71	.58	.74	.94	112.6	33.0	11.05	.59	.78	.97
	4800	2265	136.2	39.9	7.57	.59	.76	.96	129.6	38.0	8.59	.60	.79	.98	122.6	35.9	9.75	.62	.82	1.00	115.0	33.7	11.10	.63	.86	1.00
71°F (22°C)	3200	1510	137.5	40.3	7.59	.39	.51	.62	131.1	38.4	8.59	.40	.52	.64	124.2	36.4	9.76	.40	.53	.65	116.4	34.1	11.13	.40	.54	.67
	4000	1890	141.4	41.4	7.64	.40	.54	.68	134.6	39.4	8.66	.41	.55	.70	127.2	37.3	9.82	.41	.57	.72	119.3	35.0	11.17	.42	.58	.75
	4800	2265	144.0	42.2	7.69	.42	.58	.74	137.0	40.2	8.70	.42	.59	.77	129.4	37.9	9.86	.43	.61	.80	121.2	35.5	11.21	.44	.63	.84

RATINGS

LCE240H4B PART LOAD COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			65°F (18°C)						75°F (24°C)						85°F (29°C)						95°F (35°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	6400	3020	131.1	38.4	5.92	.60	.75	.92	126.1	37.0	6.74	.61	.77	.95	120.8	35.4	7.64	.62	.80	.98	115.1	33.7	8.69	.63	.83	1.00
	8000	3775	136.3	39.9	5.98	.65	.85	1.00	131.1	38.4	6.80	.66	.88	1.00	125.5	36.8	7.71	.69	.91	1.00	119.6	35.1	8.76	.71	.94	1.00
	9600	4530	140.6	41.2	6.02	.71	.94	1.00	135.3	39.7	6.84	.74	.96	1.00	129.7	38.0	7.76	.76	.99	1.00	123.9	36.3	8.82	.79	1.00	1.00
67°F (19°C)	6400	3020	139.3	40.8	6.01	.47	.58	.71	133.9	39.2	6.84	.48	.59	.73	128.1	37.5	7.76	.48	.60	.75	122.0	35.8	8.79	.49	.61	.78
	8000	3775	144.0	42.2	6.06	.50	.62	.80	138.3	40.5	6.88	.50	.63	.83	132.1	38.7	7.81	.51	.66	.86	125.7	36.8	8.86	.52	.68	.90
	9600	4530	147.3	43.2	6.11	.52	.69	.90	141.4	41.4	6.93	.53	.71	.93	135.1	39.6	7.86	.54	.73	.96	128.3	37.6	8.90	.56	.77	.99
71°F (22°C)	6400	3020	148.3	43.5	6.11	.36	.46	.56	142.5	41.8	6.95	.36	.46	.56	136.4	40.0	7.87	.36	.47	.58	129.9	38.1	8.92	.36	.48	.59
	8000	3775	152.9	44.8	6.17	.37	.48	.60	146.8	43.0	7.00	.37	.49	.61	140.3	41.1	7.93	.37	.50	.63	133.2	39.0	8.98	.38	.51	.65
	9600	4530	156.2	45.8	6.21	.38	.51	.66	149.7	43.9	7.05	.38	.52	.68	142.9	41.9	7.97	.38	.53	.71	135.7	39.8	9.02	.39	.55	.74

LCE240H4B FULL LOAD COOLING CAPACITY

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	6400	3020	240.9	70.6	15.28	.67	.83	.98	229.3	67.2	17.37	.69	.85	1.00	216.8	63.5	19.79	.70	.88	1.00	203.1	59.5	22.59	.73	.92	1.00
	8000	3775	250.2	73.3	15.41	.73	.92	1.00	238.2	69.8	17.49	.75	.95	1.00	225.5	66.1	19.91	.78	.98	1.00	212.3	62.2	22.69	.81	1.00	1.00
	9600	4530	258.6	75.8	15.50	.80	.99	1.00	246.9	72.4	17.61	.82	1.00	1.00	234.5	68.7	20.04	.86	1.00	1.00	221.1	64.8	22.84	.90	1.00	1.00
67°F (19°C)	6400	3020	255.4	74.9	15.48	.53	.65	.79	243.0	71.2	17.55	.53	.66	.81	229.2	67.2	20.00	.54	.68	.84	214.4	62.8	22.79	.56	.70	.88
	8000	3775	263.4	77.2	15.61	.56	.70	.88	250.1	73.3	17.70	.57	.72	.91	236.0	69.2	20.09	.58	.75	.95	220.4	64.6	22.88	.60	.79	.99
	9600	4530	269.2	78.9	15.69	.59	.77	.97	255.5	74.9	17.77	.60	.80	.99	240.8	70.6	20.18	.62	.83	1.00	225.1	66.0	22.96	.64	.88	1.00
71°F (22°C)	6400	3020	271.9	79.7	15.72	.39	.51	.63	258.5	75.8	17.81	.40	.52	.64	243.9	71.5	20.24	.40	.53	.66	228.1	66.8	23.00	.40	.54	.68
	8000	3775	279.6	81.9	15.84	.41	.55	.68	265.4	77.8	17.93	.41	.56	.70	250.0	73.3	20.34	.41	.57	.73	233.4	68.4	23.12	.42	.59	.76
	9600	4530	284.7	83.4	15.91	.42	.58	.75	269.9	79.1	18.01	.42	.60	.77	254.3	74.5	20.41	.43	.61	.81	237.0	69.5	23.19	.44	.64	.85

BLOWER DATA

LCE036 AND 060 BLOWER PERFORMANCE

Air Volume cfm (L/s)	TOTAL STATIC PRESSURE — Inches Water Gauge (Pa)															
	.10 (25)		.20 (50)		.30 (75)		.40 (100)		.50 (124)		.60 (150)		.70 (174)		.80 (200)	
	RPM	BHP (kW)	RPM	BHP (kW)	RPM	BHP (kW)	RPM	BHP (kW)	RPM	BHP (kW)	RPM	BHP (kW)	RPM	BHP (kW)	RPM	BHP (kW)
900 (425)	490	0.10 (0.07)	595	0.10 (0.07)	685	0.15 (0.11)	765	0.20 (0.15)	835	0.25 (0.19)	905	0.30 (0.22)	970	0.40 (0.30)	1025	0.45 (0.34)
1000 (470)	520	0.10 (0.07)	620	0.15 (0.11)	705	0.20 (0.15)	785	0.25 (0.19)	855	0.30 (0.22)	920	0.35 (0.26)	980	0.40 (0.30)	1040	0.50 (0.37)
1100 (520)	550	0.15 (0.11)	645	0.15 (0.11)	725	0.20 (0.15)	805	0.30 (0.22)	870	0.35 (0.26)	935	0.40 (0.30)	1000	0.45 (0.34)	1055	0.55 (0.41)
1200 (565)	580	0.15 (0.11)	670	0.20 (0.15)	750	0.25 (0.19)	825	0.30 (0.22)	890	0.35 (0.26)	955	0.45 (0.34)	1015	0.50 (0.37)	1070	0.55 (0.41)
1300 (615)	615	0.20 (0.15)	700	0.25 (0.19)	775	0.30 (0.22)	845	0.35 (0.26)	915	0.40 (0.30)	975	0.50 (0.37)	1030	0.55 (0.41)	1085	0.60 (0.45)
1400 (660)	645	0.20 (0.15)	730	0.30 (0.22)	805	0.35 (0.26)	870	0.40 (0.30)	935	0.45 (0.34)	995	0.55 (0.41)	1050	0.60 (0.45)	1105	0.70 (0.52)
1500 (710)	680	0.25 (0.19)	760	0.35 (0.26)	830	0.40 (0.30)	900	0.45 (0.34)	960	0.55 (0.41)	1015	0.60 (0.45)	1070	0.65 (0.48)	1125	0.75 (0.56)
1600 (755)	715	0.30 (0.22)	790	0.40 (0.30)	860	0.45 (0.34)	925	0.50 (0.37)	985	0.60 (0.45)	1040	0.65 (0.48)	1095	0.75 (0.56)	1145	0.80 (0.60)
1700 (800)	750	0.35 (0.26)	825	0.45 (0.34)	890	0.50 (0.37)	950	0.60 (0.45)	1010	0.65 (0.48)	1065	0.75 (0.56)	1115	0.80 (0.60)	1165	0.90 (0.67)
1800 (850)	790	0.45 (0.34)	855	0.50 (0.37)	920	0.60 (0.45)	980	0.65 (0.48)	1035	0.75 (0.56)	1090	0.80 (0.60)	1140	0.90 (0.67)	1190	1.00 (0.75)
1900 (895)	825	0.50 (0.37)	890	0.55 (0.41)	950	0.65 (0.48)	1010	0.75 (0.56)	1065	0.80 (0.60)	1115	0.90 (0.67)	1165	1.00 (0.75)	1215	1.05 (0.78)
2000 (945)	860	0.55 (0.41)	925	0.65 (0.48)	985	0.75 (0.56)	1040	0.80 (0.60)	1090	0.90 (0.67)	1140	1.00 (0.75)	1190	1.05 (0.78)	1240	1.15 (0.86)
2100 (990)	900	0.65 (0.48)	960	0.75 (0.56)	1015	0.80 (0.60)	1070	0.90 (0.67)	1120	1.00 (0.75)	1170	1.10 (0.82)	1220	1.20 (0.90)	1265	1.25 (0.93)
2200 (1040)	935	0.75 (0.56)	995	0.85 (0.63)	1050	0.90 (0.67)	1100	1.00 (0.75)	1150	1.10 (0.82)	1200	1.20 (0.90)	1245	1.30 (0.97)	1290	1.40 (1.04)
2300 (1085)	975	0.85 (0.63)	1030	0.95 (0.71)	1080	1.00 (0.75)	1130	1.10 (0.82)	1180	1.20 (0.90)	1230	1.30 (0.97)	1275	1.40 (1.04)	1315	1.50 (1.12)
2400 (1135)	1010	0.95 (0.71)	1065	1.05 (0.78)	1115	1.15 (0.86)	1165	1.25 (0.93)	1210	1.35 (1.01)	1255	1.45 (1.08)	1300	1.55 (1.16)	1345	1.65 (1.23)
2500 (1180)	1050	1.05 (0.78)	1100	1.15 (0.86)	1150	1.25 (0.93)	1200	1.35 (1.01)	1245	1.45 (1.08)	1290	1.55 (1.16)	1330	1.65 (1.23)	1375	1.80 (1.34)

NOTE - All data is measured external to the unit with dry coil, 2 in. (51 mm) filters in place, and roof mounting frame.

NOTE - LCE036 minimum 1200 cfm (565 L/s) with electric heat. LCE060 minimum 2000 cfm (945 L/s) with electric heat.

BLOWER DATA

LCE120H BLOWER PERFORMANCE

Air Volume cfm (L/s)	RPM & Motor Out- put	TOTAL STATIC PRESSURE EXTERNAL TO UNIT — inches water gauge (Pa)									
		0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0.9(225)	1.0 (250)
3000 (1415)	RPM	475	515	550	590	625	665	700	740	775	810
	BHP	0.60	0.70	0.75	0.85	0.95	1.10	1.20	1.35	1.50	1.65
	kW	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2
3200 (1510)	RPM	490	530	565	605	640	675	715	750	785	820
	BHP	0.65	0.75	0.85	1.00	1.10	1.20	1.35	1.50	1.65	1.80
	kW	0.5	0.6	0.6	0.8	0.8	0.9	1.0	1.1	1.2	1.3
3400 (1605)	RPM	510	545	580	615	655	690	725	760	795	830
	BHP	0.80	0.85	1.00	1.10	1.20	1.35	1.50	1.65	1.80	1.95
	kW	0.6	0.6	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.5
3600 (1700)	RPM	525	560	595	630	670	705	740	775	805	840
	BHP	0.90	1.00	1.10	1.20	1.35	1.50	1.65	1.80	1.95	2.10
	kW	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6
3800 (1795)	RPM	545	580	615	650	685	720	755	785	820	850
	BHP	1.00	1.10	1.25	1.35	1.50	1.65	1.80	1.95	2.10	2.25
	kW	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7
4000 (1890)	RPM	565	595	630	665	700	735	770	800	830	865
	BHP	1.15	1.25	1.40	1.50	1.65	1.80	2.00	2.15	2.30	2.50
	kW	0.9	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.9
4200 (1980)	RPM	580	615	650	685	715	750	785	815	845	875
	BHP	1.30	1.40	1.55	1.70	1.85	2.00	2.15	2.35	2.50	2.65
	kW	1.0	1.0	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0
4400 (2075)	RPM	605	635	670	700	735	770	800	830	860	890
	BHP	1.45	1.60	1.75	1.85	2.05	2.20	2.35	2.55	2.70	2.90
	kW	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.2
4600 (2170)	RPM	625	655	690	720	755	785	815	845	875	905
	BHP	1.65	1.75	1.95	2.10	2.25	2.40	2.60	2.75	2.95	3.15
	kW	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3
4800 (2265)	RPM	645	680	710	740	775	805	835	865	890	920
	BHP	1.85	2.00	2.15	2.30	2.50	2.65	2.85	3.05	3.20	3.40
	kW	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.5
5000 (2360)	RPM	670	700	730	765	795	825	850	880	910	935
	BHP	2.05	2.20	2.35	2.55	2.75	2.90	3.10	3.30	3.50	3.65
	kW	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7

NOTES: 1-All data is measured external to the unit cabinet with electric heat, dry coil, 2 in. (51 mm) filters in place, and roof mounting frame.
2-4000 cfm (1890 L/s) minimum air with electric heat.

LCE120H POWER EXHAUST FAN PERFORMANCE

Return Air System Static Pressure		Air Volume Exhausted	
in. wg.	Pa	cfm	L/s
.05	10	4085	1930
.10	25	3685	1740
.15	35	3280	1550
.20	50	2880	1360
.25	60	2475	1170

LCE240H POWER EXHAUST FAN PERFORMANCE

Return Air System Static Pressure		Air Volume Exhausted	
in. wg.	Pa	cfm	L/s
.05	10	8175	3860
.10	25	7370	3480
.15	35	6565	3100
.20	50	5760	2720
.25	60	4955	2340

BLOWER DATA

LCE240H BLOWER PERFORMANCE

Air Volume cfm (L/s)	RPM & Motor Output	TOTAL STATIC PRESSURE EXTERNAL TO UNIT — inches water gauge (Pa)											
		0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0.9 (225)	1.0 (250)	1.1 (275)	1.2 (300)
6000 (2830)	RPM	480	520	560	600	640	675	715	750	785	815	850	880
	BHP	1.15	1.30	1.45	1.60	1.75	1.95	2.15	2.30	2.50	2.70	2.90	3.10
	kW	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.2	2.3
6200 (2925)	RPM	495	535	570	610	645	685	720	755	790	820	855	885
	BHP	1.30	1.40	1.55	1.70	1.90	2.05	2.25	2.45	2.65	2.85	3.05	3.25
	kW	1.0	1.0	1.2	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4
6400 (3020)	RPM	510	545	580	620	655	690	725	760	795	825	860	890
	BHP	1.40	1.55	1.70	1.85	2.00	2.20	2.35	2.55	2.80	2.95	3.20	3.40
	kW	1.0	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5
6600 (3115)	RPM	525	560	595	630	665	700	735	770	800	835	865	895
	BHP	1.55	1.70	1.85	2.00	2.15	2.35	2.55	2.75	2.90	3.15	3.35	3.60
	kW	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.7
6800 (3210)	RPM	535	570	605	640	675	710	740	775	810	840	870	900
	BHP	1.65	1.80	1.95	2.15	2.30	2.50	2.65	2.85	3.10	3.30	3.50	3.75
	kW	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1	2.3	2.5	2.6	2.8
7000 (3310)	RPM	550	585	615	650	685	720	750	785	815	845	875	905
	BHP	1.80	1.95	2.10	2.25	2.45	2.65	2.85	3.05	3.25	3.45	3.70	3.90
	kW	1.3	1.5	1.6	2.7	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9
7200 (3400)	RPM	565	595	630	660	695	725	760	790	820	855	885	910
	BHP	1.95	2.10	2.25	2.45	2.60	2.80	3.00	3.20	3.40	3.65	3.90	4.10
	kW	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.1
7400 (3490)	RPM	580	610	640	675	705	735	770	800	830	860	890	920
	BHP	2.15	2.30	2.45	2.60	2.80	2.95	3.20	3.40	3.60	3.85	4.05	4.30
	kW	1.6	1.7	1.8	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.2
7600 (3585)	RPM	595	625	655	685	715	745	775	805	835	865	895	925
	BHP	2.30	2.45	2.60	2.80	2.95	3.15	3.35	3.55	3.80	4.00	4.25	4.50
	kW	1.7	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.8	3.0	3.2	3.4
7800 (3680)	RPM	605	635	665	695	725	755	785	815	845	875	905	930
	BHP	2.45	2.60	2.80	2.95	3.15	3.35	3.55	3.75	4.00	4.20	4.45	4.70
	kW	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5
8000 (3775)	RPM	620	650	680	705	735	765	795	825	855	880	910	940
	BHP	2.65	2.80	3.00	3.15	3.35	3.55	3.75	4.00	4.20	4.40	4.65	4.95
	kW	2.0	2.1	2.2	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.7
8200 (3870)	RPM	635	665	690	720	750	775	805	835	860	890	920	945
	BHP	2.85	3.05	3.20	3.40	3.60	3.75	3.95	4.20	4.40	4.65	4.90	5.15
	kW	2.1	2.3	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.5	3.7	3.8
8400 (3965)	RPM	650	675	705	730	760	785	815	845	870	900	925	955
	BHP	3.05	3.20	3.40	3.60	3.80	3.95	4.20	4.45	4.65	4.90	5.10	5.40
	kW	2.3	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.5	3.7	3.8	4.0
8600 (4060)	RPM	665	690	715	745	770	800	825	855	880	905	935	960
	BHP	3.30	3.45	3.60	3.80	4.00	4.25	4.45	4.65	4.90	5.10	5.40	5.60
	kW	2.5	2.6	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2
8800 (4155)	RPM	680	705	730	755	785	810	835	865	890	915	940	970
	BHP	3.50	3.70	3.85	4.05	4.25	4.45	4.65	4.90	5.15	5.35	5.60	5.90
	kW	2.6	2.8	2.9	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.4
9000 (4245)	RPM	690	715	745	770	795	820	845	875	900	925	950	975
	BHP	3.75	3.90	4.10	4.30	4.50	4.70	4.90	5.15	5.40	5.65	5.90	6.15
	kW	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.2	4.4	4.6
9200 (4340)	RPM	705	730	755	780	805	830	855	885	910	935	960	985
	BHP	4.00	4.15	4.35	4.55	4.75	4.95	5.15	5.45	5.65	5.90	6.15	6.40
	kW	3.0	3.1	3.2	3.4	3.5	3.7	3.8	4.1	4.2	4.4	4.6	4.8
9400 (4435)	RPM	720	745	770	795	820	845	870	895	920	945	970	995
	BHP	4.25	4.45	4.65	4.85	5.05	5.25	5.50	5.70	5.95	6.20	6.45	6.75
	kW	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.3	4.4	4.6	4.8	5.0
9600 (4530)	RPM	735	760	780	805	830	855	880	905	930	955	975	1000
	BHP	4.50	4.70	4.90	5.10	5.30	5.55	5.75	6.00	6.25	6.50	6.70	7.00
	kW	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.5	4.7	4.8	5.0	5.2
9800 (4625)	RPM	750	775	795	820	845	865	890	915	940	965	985	1010
	BHP	4.80	5.00	5.20	5.40	5.60	5.80	6.05	6.30	6.55	6.80	7.05	7.30
	kW	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.7	4.9	5.1	5.3	5.4
10000 (4720)	RPM	765	785	810	830	855	880	900	925	950	975	995	1020
	BHP	5.10	5.25	5.50	5.65	5.90	6.15	6.35	6.60	6.85	7.15	7.35	7.65
	kW	3.8	3.9	4.1	4.2	4.4	4.6	4.7	4.9	5.1	5.3	5.5	5.7

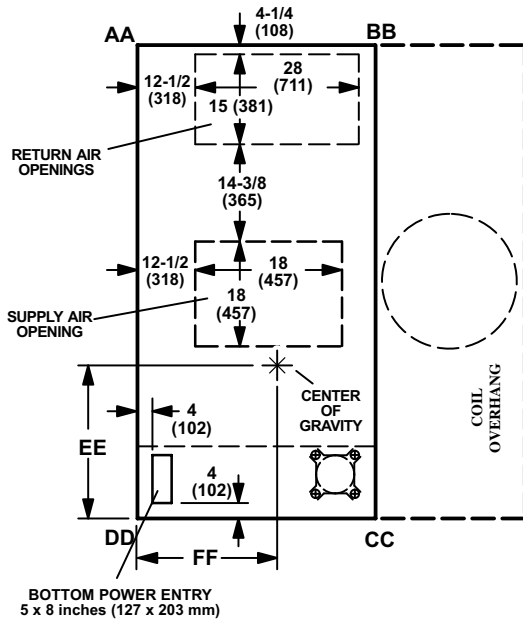
NOTES: 1-All data is measured external to the unit cabinet with electric heat, dry coil, 2 in. (51 mm) filters in place, and roof mounting frame.
2-6000 cfm (2830 L/s) minimum air with electric heat.

DIMENSIONS - INCHES (MM)

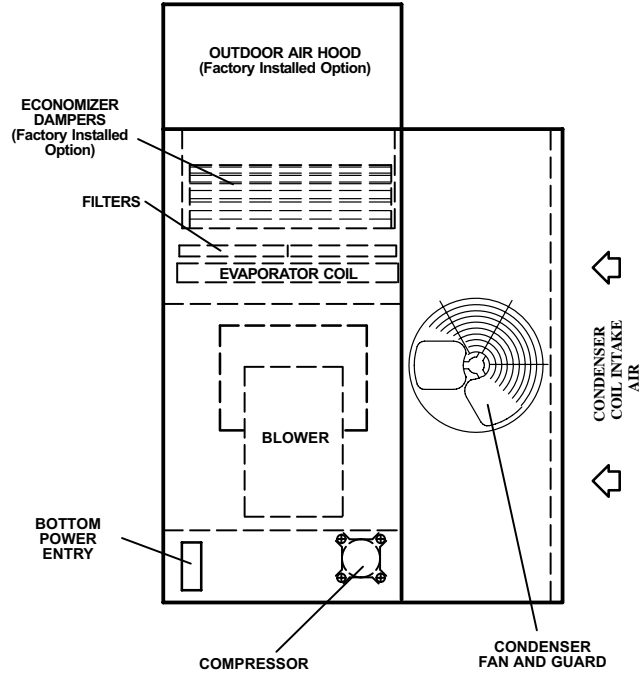
LCE036H AND LCE060H

Model Number	CORNER WEIGHTS — lbs. (kg)								CENTER OF GRAVITY — inches (mm)			
	AA		BB		CC		DD		EE		FF	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	inch	mm	inch	mm
LCE036H Max. Unit	149	67	199	90	295	133	220	99	33	838	29-3/16	741
LCE060H Max. Unit	153	69	220	100	323	147	224	102	33	838	30-3/16	767

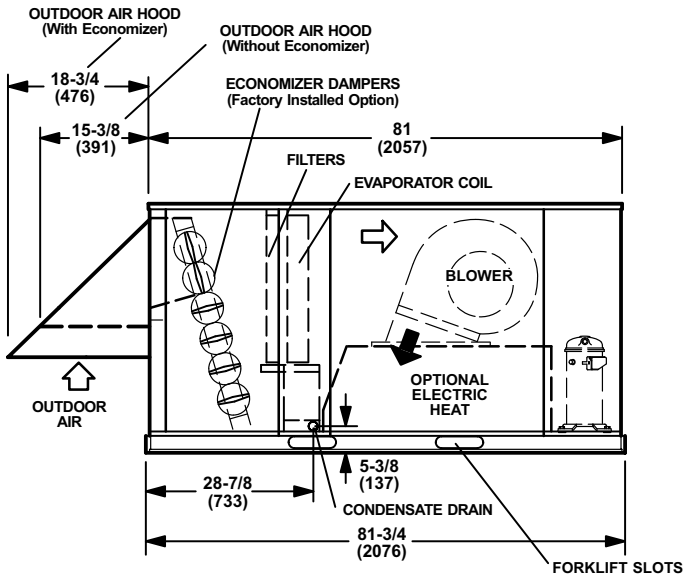
Max. Unit — The standard unit with ALL OPTIONS Installed. (Economizer and controls)



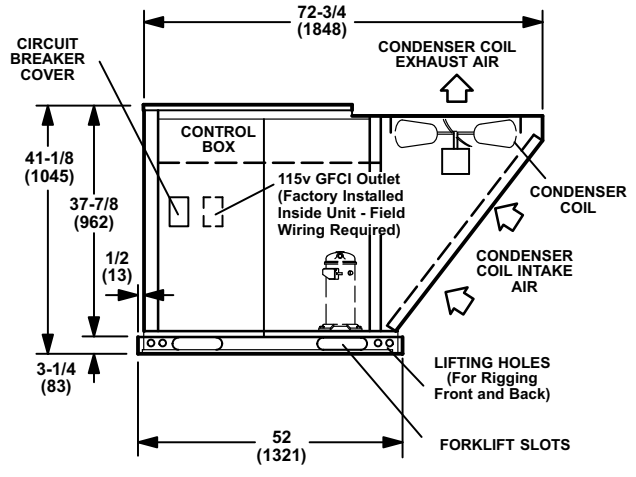
TOP VIEW BASE SECTION



TOP VIEW



SIDE VIEW



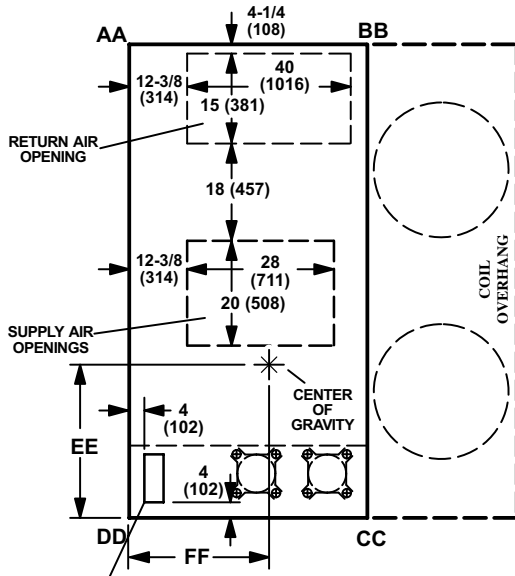
FRONT VIEW

DIMENSIONS - INCHES (MM)

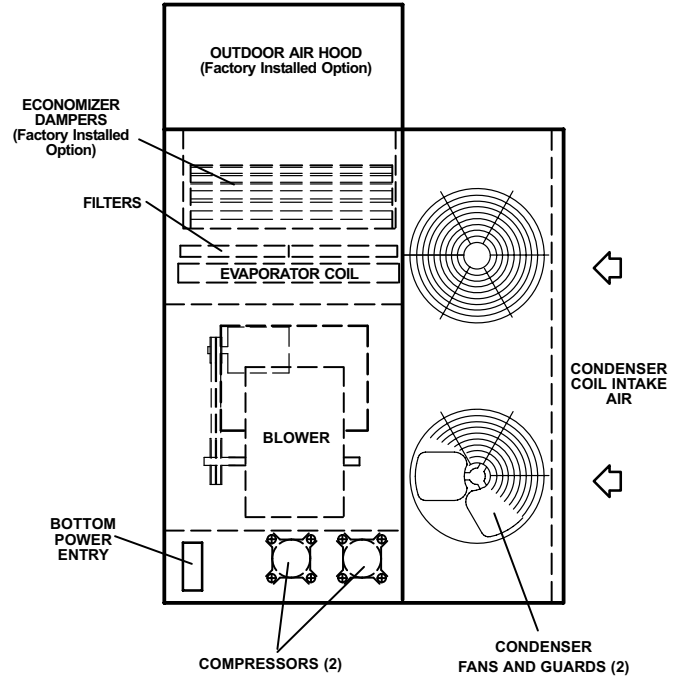
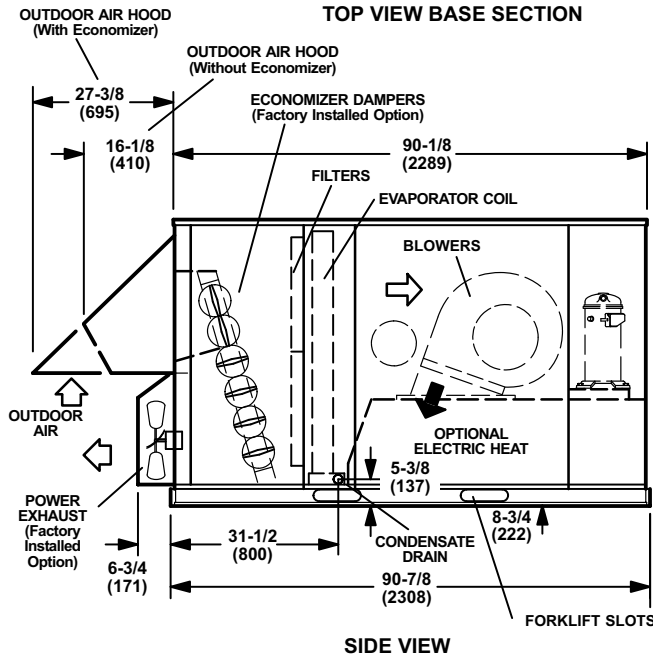
LCE120H

Model Number	CORNER WEIGHTS — lbs. (kg)						CENTER OF GRAVITY — inches (mm)					
	AA		BB		CC		DD		EE		FF	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	inch	mm	inch	mm
LCE120H Max. Unit	335	152	442	201	499	227	377	171	42-5/8	1083	32-5/8	829

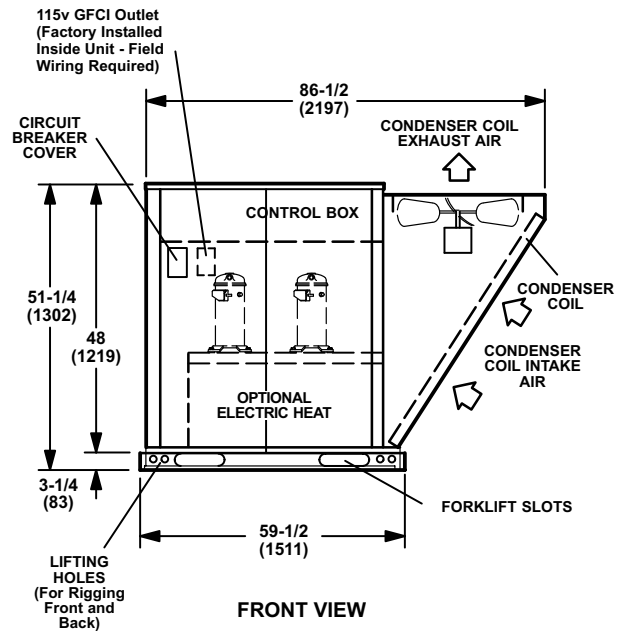
Max. Unit — The standard unit with ALL OPTIONS Installed. (Economizer, Power Exhaust Fan, Controls)



BOTTOM POWER ENTRY
5 x 8 inches (127 x 203 mm)



TOP VIEW

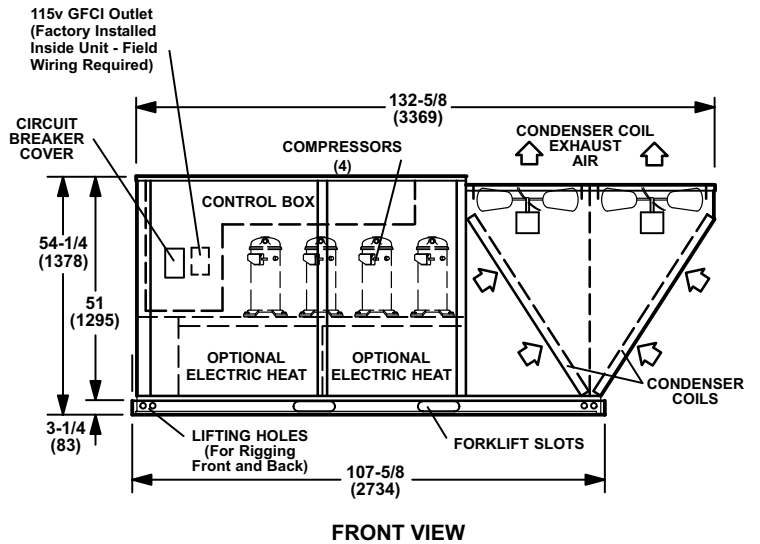
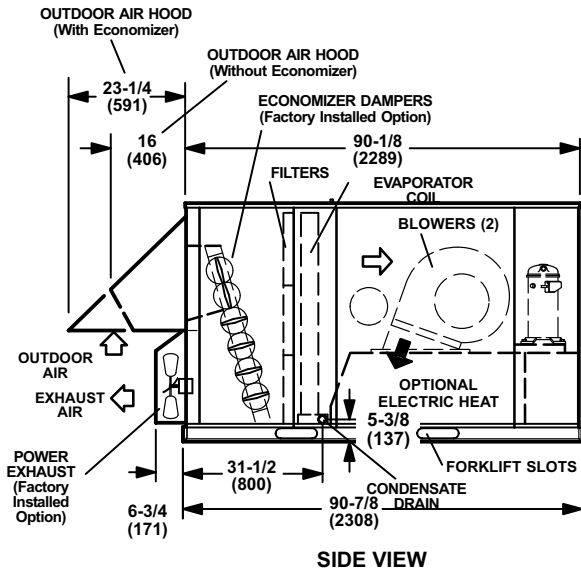
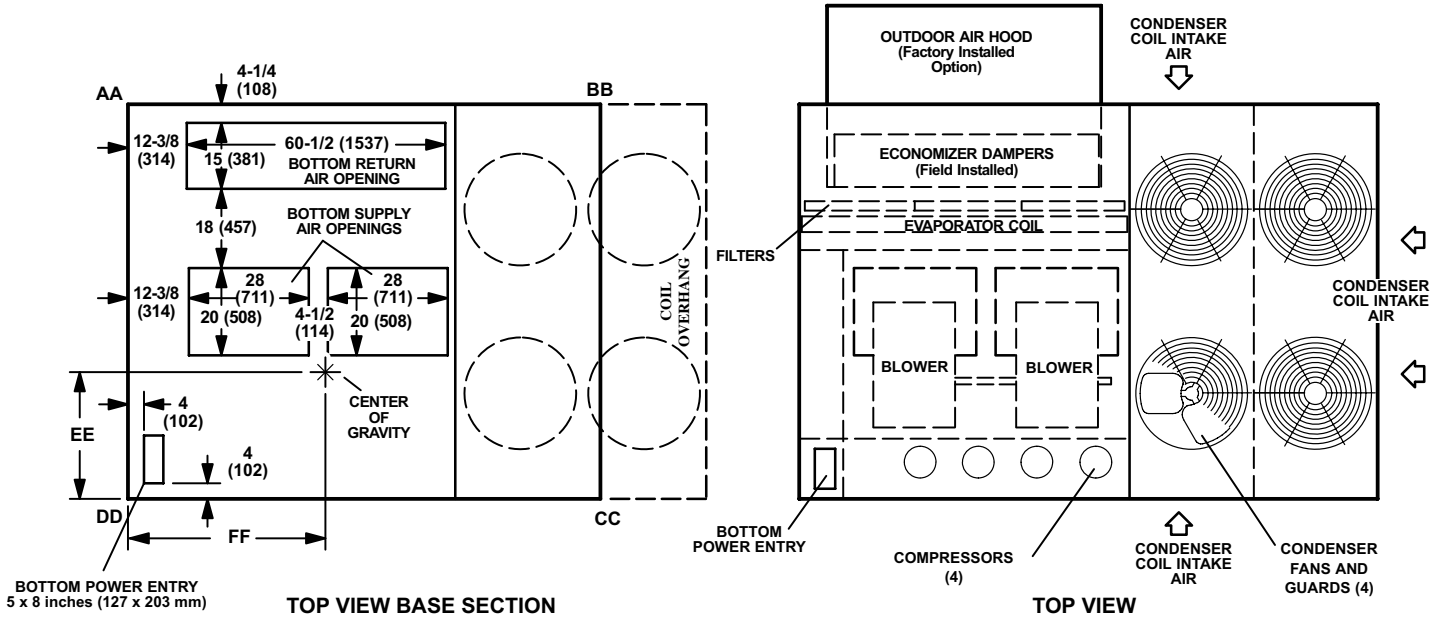


DIMENSIONS - INCHES (MM)

LCE240H

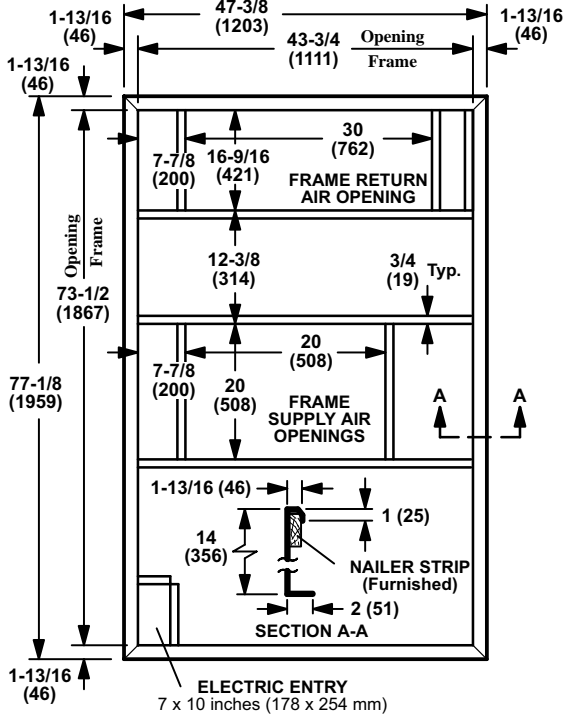
Model Number	CORNER WEIGHTS — lbs. (kg)								CENTER OF GRAVITY — inches (mm)			
	AA		BB		CC		DD		EE		FF	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg	inch	mm	inch	mm
LCE240H Max. Unit	610	277	620	281	822	373	808	367	37-1/2	953	54-1/4	1378

Max. Unit — The standard unit with ALL OPTIONS installed. (Economizer, Power Exhaust Fans, Controls)

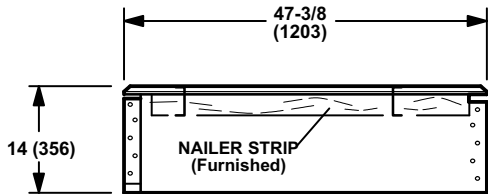


ACCESSORY DIMENSIONS - INCHES (MM)

ROOF MOUNTING FRAME WITH DOUBLE DUCT OPENING - LCE036H-060H



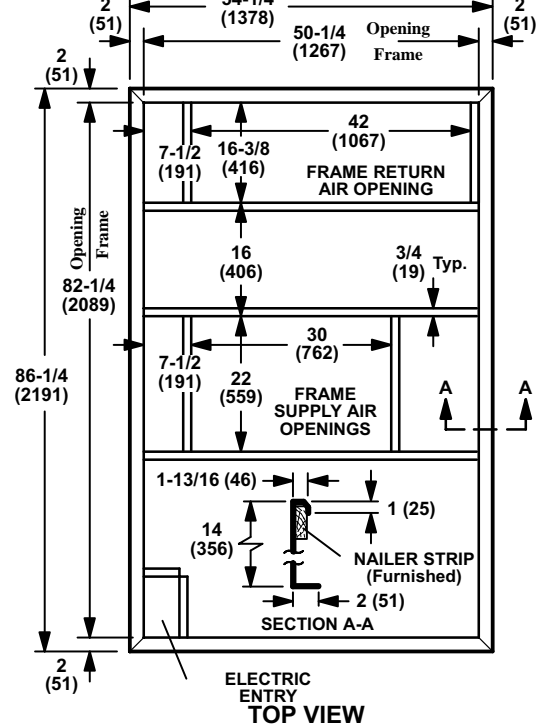
TOP VIEW



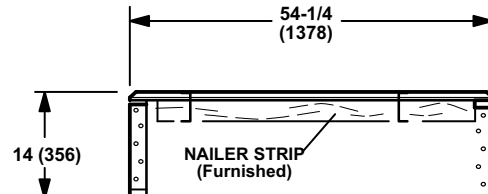
SIDE VIEW

NOTE — Roof deck may be omitted within confines of frame.

ROOF MOUNTING FRAME WITH DOUBLE DUCT OPENING - LCE120H



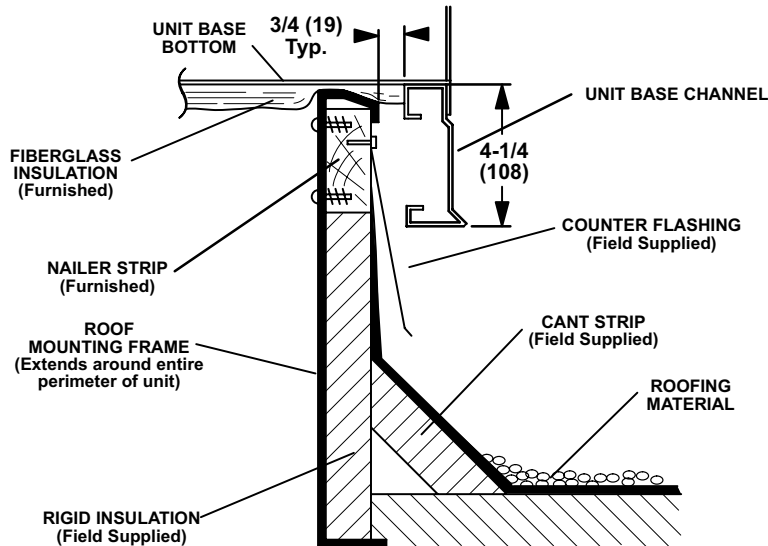
TOP VIEW



SIDE VIEW

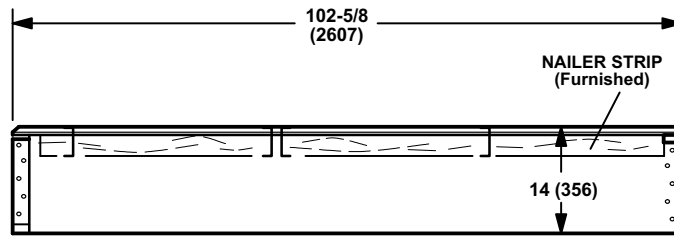
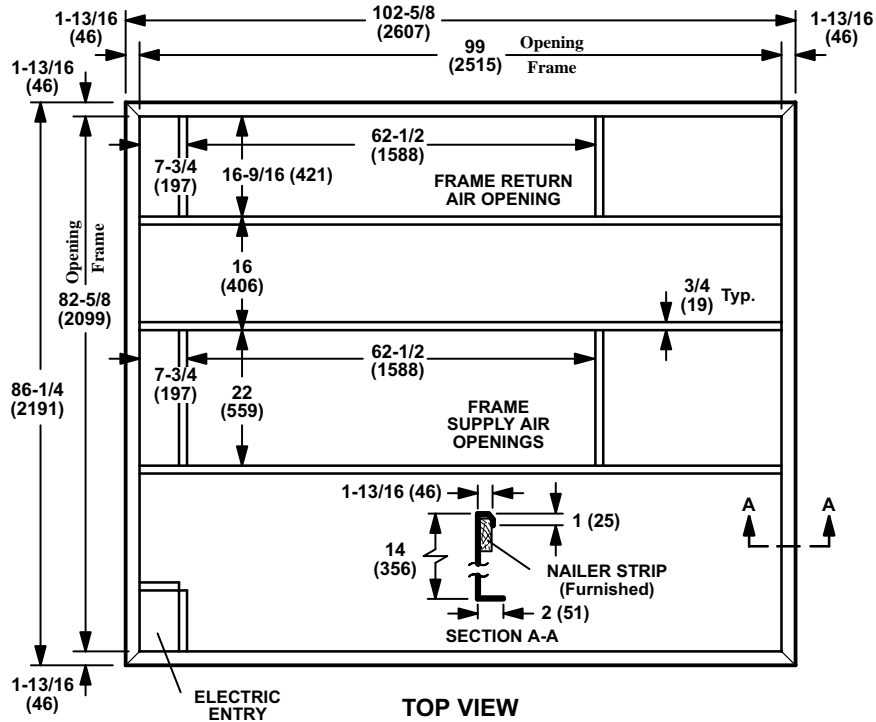
NOTE — Roof deck may be omitted within confines of frame.

TYPICAL FLASHING DETAIL FOR ROOF MOUNTING FRAME



ACCESSORY DIMENSIONS - INCHES (MM)

**ROOF MOUNTING FRAME WITH DOUBLE
DUCT OPENING - LCE240H**



NOTE — Roof deck may be omitted within confines of frame.

SIDE VIEW



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