Comfort-Aire®

LE Series

SPECIFICATIONS

Refrigerant System

- Environmentally friendly R454B refrigerant
- Copper tubing with enhanced fin coils
- Internal service guage ports
- Sleeved distributor tubes
- Antimicrobial insulated drain pan
- High and Low Threaded pressure switches for system protection

Heat Exchanger

- Aluminized Tri-Dimple tubular heat exchanger for increased efficiency
- Efficient constant torque motor for wide airflow range

Cabinet Construction

- Heavy-gauge galvanized steel base rails with rigging holes
- Rounded corners for safety and an attractive, clean appearance
- One piece base design for strength and stability
- Condensate and coil runoff drains to the perimeter of the unit
- Horizontal and downflow duct openings are flanged to minimize water entry
- Low profile, with compact footprint
- Insulation to minimize heat loss plus reduce sound
- Textured pre-painted steel cabinet finish
- Superior service access to components
- Louvered coil guard protection
- One piece "no leak" top design

Blower

- Insulated compartment to reduce sound
- Efficient constant torque motor for wide airflow range
- Slide out blower housing for easy service

Controls

- Solid state integrated blower control board with L.E.D self diagnostics
- Direct spark ignition
- Color coded wiring for easy service

Installation

- Horizontal or down discharge capable
- Horizontal and downflow duct covers provided with unit for installation flexibility
- Drain pan float switch monitors condensate level in drain pan and shuts down unit if drain becomes clogged
- Utility connections on "right side"
- Kits enable bottom gas and power entry through base pan
- Seismic Certification (with Seismic Strapping Kit applied): Latest Edition of International Building Code, California Building Code, and ASCE 7-16

Accessories

- Clip roof curbs and adjustable pitch roof curbs available
- Electric strip heat with optional single point power entry (side entry only)
- Internal Filter kits
- Duct Adapters
- Closure kit for base rail openings

GPA SERIES

GAS/ELECTRIC PACKAGED UNIT

14 SEER/13.4 SEER2

California Only

This product is not certified to be sold or installed in the South Coast Air Quality Management District (SCAQMD). It does not meet the SCAQMD Rule 1111 NOx emission limit of 14 Ng/J. This product is not certified to be sold or installed in the San Joaquin Valley Air Pollution Control District (SJVAPCD). It does not meet the SJVAPCD Rule 4905 NOx emission limit of 14 Ng/J. For packaged units that meet SCAQMD/SJVAPCD requirements, refer to the PRPGN14 technical specification.

Warranty–Standard warranty or Extended warranty available with product registration.

See warranty document for details or visit;

www.comfort-aire.com

R454B

MODEL NUMBER GUIDE

G	PA	24	054	S	1	A
Gas	Package Unit	Cooling Capacity	Heating Capacity	Standard Efficiency	Power 208/230-1-60	Revision

ELECTRICAL AND PHYSICAL DATA

Model	Voltage	Phase	Hz	Min Volts @ 60 hz	MCA	Max Fuse/ HACR Breaker	Compressor	Condenser Motor		Blower Motor		Refrig. Charge (oz.)	Weight (lbs.)
							RLA	FLA	HP	FLA	HP		
GPA24054S1	208-230	1	60	195	14.8	20.0	8.8	2.80	1/3	1.0	1/6	70 oz	388
GPA24072S1													394
GPA30054S1					17.5	25.0	11.1	2.60	1/2	1.0	1/6	73 oz	400
GPA30072S1													406
GPA36072S1					22.9	35.0	14.3	4.1	1/2	1.0	1/6	72 oz	419
GPA36090S1													425
GPA42090S1					26.5	40.0	16.7	3.9	3/4	1.7	1/4	86 oz	496
GPA48108S1					28.7	45.0	18.0	4.5	3/4	1.7	1/4	90 oz	506
GPA60108S1					39.7	60.0	24.3	7.6	1	1.7	1/4	125 oz	543
GPA60126S1													549

PERFORMANCE

Model	COOLING				HEATING				Sound dBA
	Rated AHRI Capacity Btuh (SEER/ SEER2)	SEER/ EER	SEER2/ EER2	Rated Sensible Capacity Btuh	Input BTUH	Output BTUH	Efficiency AFUE	Temp Rise Range F	
GPA24054S1	22,600 / 22,600	14.0/11.0	13.4/10.6	17,400 / 16,900	54,000	44,000	81%	30-60	77
GPA24072S1					72,000	58,000		40-70	
GPA30054S1	28,400 / 28,400			21,900 / 21,800	54,000	44,000		30-60	79
GPA30072S1					72,000	58,000		40-70	
GPA36072S1	34,000 / 33,400			26,100 / 25,700	72,000	58,000		35-65	78
GPA36090S1					90,000	73,000		40-70	
GPA42090S1	40,000 / 40,000			30,800 / 30,800	90,000	73,000		40-70	
GPA48108S1	45,500 / 44,500			35,000 / 34,200	108,000	88,000		40-70	77
GPA60108S1	57,000 / 57,500			41,600 / 41,900	108,000	88,000		40-70	78
GPA60126S1					126,000	102,100		45-75	

*Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

Comfort-Aire®

BLOWER PERFORMANCE

Model	Blower Tap	CFM @ext. Static Pressure in in. wc without filter, dry coil									
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
GPA24054S1 GPA24072S1	TAP 1	610	560	525	485	430	N/A	N/A	N/A	N/A	N/A
	TAP 2	820	795	760	720	690	650	615	575	540	470
	TAP 3	960	925	885	850	815	780	745	710	675	635
GPA30054S1 GPA30072S1	TAP 1	850	820	780	745	710	680	630	590	550	515
	TAP 2	1040	1000	970	935	900	875	845	815	770	735
	TAP 3	1140	1105	1075	1045	1015	1000	965	925	890	825
GPA36072S1 GPA36090S1	TAP 1	850	800	750	700	645	600	550	480	435	N/A
	TAP 2	1245	1210	1175	1140	1100	1065	1025	975	920	845
	TAP 3	1390	1355	1320	1285	1250	1205	1165	1125	1050	875
GPA42090S1	TAP 1	800	720	640	550	475	390	310	N/A	N/A	N/A
	TAP 2	1470	1410	1360	1300	1260	1210	1155	1095	1000	940
	TAP 3	1600	1555	1510	1470	1430	1390	1340	1265	1210	1155
GPA48108S1	TAP 1	1145	1075	1000	930	850	790	740	670	570	490
	TAP 2	1675	1630	1600	1540	1490	1440	1390	1300	1230	1125
	TAP 3	1775	1735	1700	1660	1605	1555	1515	1455	N/A	N/A
GPA60108S1 GPA60126S1	TAP 1	1045	970	895	820	745	665	580	480	N/A	N/A
	TAP 2	1855	1810	1770	1725	1680	1630	1595	1550	N/A	N/A
	TAP 3	1965	1920	1875	1835	1785	1750	1710	1665	1615	1570

ACCESSORY AIR RESISTANCE DATA - IN. W.G.

Air Volume cfm	Rectangular to Round Duct Adaptor Kits					
	Downflow		Horizontal			
	14 in. Diameter		14 in. Diameter		16 in. Diameter	18 in. Diameter
	24, 30, 36	42, 48, 60	24, 30, 36	42, 48, 60	42, 48, 60	42, 48, 60
500	0.03	---	0.04	---	---	---
600	0.05	---	0.07	---	---	---
700	0.08	0.13	0.08	0.13	---	---
800	0.10	0.17	0.12	0.16	---	---
900	0.12	0.21	0.15	0.21	---	---
1000	0.17	0.24	0.19	0.25	0.11	0.03
1100	0.18	0.30	0.23	0.30	0.11	0.03
1200	0.20	0.36	0.29	0.37	0.13	0.03
1300	0.26	0.43	0.31	0.43	0.17	0.03
1400	0.31	0.50	0.39	0.51	0.20	0.03
1500	---	0.57	---	0.57	0.21	0.05
1600	---	0.63	---	0.65	0.26	0.05
1700	---	0.71	---	0.72	0.30	0.06
1800	---	0.80	---	0.81	0.30	0.06
1900	---	0.91	---	0.90	0.40	0.06
2000	---	0.99	---	1.01	0.41	0.06

COOLING PERFORMANCE - EXTENDED RATINGS

Outdoor Model	Entering Wet Bulb Temp	Total Air Volume		Outdoor Temperature - DB °F																							
				85° F (29.4° C)						95° F (35° C)						105° F (40.6° C)						115° F (46.1° C)					
				Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
							Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
		cfm	L/s	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
GPA24054S1 & GPA24072S1	59°F (15°C)	650	305	21.4	6.3	1350	.89	1.00	1.00	20.6	6.0	1520	.91	1.00	1.00	19.8	5.8	1710	.93	1.00	1.00	18.9	5.5	1930	.96	1.00	1.00
		830	390	23.2	6.8	1350	.96	1.00	1.00	22.2	6.5	1520	.98	1.00	1.00	21.4	6.3	1720	1.00	1.00	1.00	20.2	5.9	1940	1.00	1.00	1.00
		1000	470	24.4	7.2	1340	1.00	1.00	1.00	23.4	6.9	1520	1.00	1.00	1.00	22.2	6.5	1720	1.00	1.00	1.00	21.2	6.2	1940	1.00	1.00	1.00
	63°F (17.2°C)	650	305	22.4	6.6	1350	.74	.86	.98	21.4	6.3	1520	.76	.88	1.00	20.4	6.0	1710	.77	.90	1.00	19.3	5.7	1930	.79	.92	1.00
		830	390	23.6	6.9	1340	.79	.93	1.00	22.6	6.6	1520	.80	.95	1.00	21.4	6.3	1720	.82	.97	1.00	20.2	5.9	1940	.84	1.00	1.00
		1000	470	24.6	7.2	1340	.83	.99	1.00	23.4	6.9	1520	.85	1.00	1.00	22.4	6.6	1720	.87	1.00	1.00	21.2	6.2	1940	.90	1.00	1.00
	67°F (19.4°C)	650	305	23.8	7.0	1340	.60	.72	.84	22.8	6.7	1520	.61	.73	.85	21.6	6.3	1720	.62	.75	.87	20.4	6.0	1940	.63	.77	.90
		830	390	25.0	7.3	1340	.63	.77	.90	24.0	7.0	1520	.64	.78	.92	22.6	6.6	1720	.66	.81	.95	21.4	6.3	1950	.67	.83	.98
		1000	470	26.0	7.6	1330	.66	.81	.96	24.6	7.2	1520	.68	.83	.98	23.2	6.8	1720	.69	.85	1.00	22.0	6.4	1950	.71	.88	1.00
	71°F (21.7°C)	650	305	25.0	7.3	1340	.46	.59	.70	23.8	7.0	1520	.47	.59	.72	22.6	6.6	1720	.47	.61	.73	21.4	6.3	1950	.49	.62	.75
		830	390	26.4	7.7	1330	.48	.62	.75	25.2	7.4	1520	.49	.63	.76	23.8	7.0	1720	.49	.65	.79	22.4	6.6	1950	.50	.67	.81
		1000	470	27.4	8.0	1320	.50	.65	.79	26.0	7.6	1510	.51	.67	.81	24.6	7.2	1720	.51	.68	.84	23.2	6.8	1960	.52	.70	.86
GPA30054S1 & GPA30072S1	59°F (15°C)	800	380	27.4	8.0	1650	.94	1.00	1.00	26.4	7.7	1870	.97	1.00	1.00	25.2	7.4	2100	.99	1.00	1.00	23.8	7.0	2370	1.00	1.00	1.00
		1000	470	29.2	8.6	1660	1.00	1.00	1.00	28.0	8.2	1880	1.00	1.00	1.00	27.0	7.9	2120	1.00	1.00	1.00	25.4	7.4	2400	1.00	1.00	1.00
		1200	565	30.6	9.0	1660	1.00	1.00	1.00	29.4	8.6	1880	1.00	1.00	1.00	28.0	8.2	2130	1.00	1.00	1.00	26.6	7.8	2410	1.00	1.00	1.00
	63°F (17.2°C)	800	380	28.4	8.3	1660	.78	.91	1.00	27.2	8.0	1870	.80	.93	1.00	25.6	7.5	2110	.81	.96	1.00	24.2	7.1	2370	.84	.99	1.00
		1000	470	29.6	8.7	1660	.84	.99	1.00	28.2	8.3	1880	.86	1.00	1.00	27.0	7.9	2120	.88	1.00	1.00	25.4	7.4	2400	.91	1.00	1.00
		1200	565	30.6	9.0	1660	.90	1.00	1.00	29.4	8.6	1880	.92	1.00	1.00	28.0	8.2	2130	.95	1.00	1.00	26.6	7.8	2410	.98	1.00	1.00
	67°F (19.4°C)	800	380	30.0	8.8	1660	.63	.76	.88	28.6	8.4	1880	.64	.78	.91	27.2	8.0	2130	.65	.80	.93	25.6	7.5	2400	.67	.82	.96
		1000	470	31.4	9.2	1660	.67	.82	.96	29.8	8.7	1890	.68	.84	.99	28.2	8.3	2140	.69	.86	1.00	26.6	7.8	2410	.72	.90	1.00
		1200	565	32.2	9.4	1660	.71	.88	1.00	30.6	9.0	1890	.73	.90	1.00	29.0	8.5	2150	.74	.93	1.00	27.4	8.0	2430	.76	.96	1.00
	71°F (21.7°C)	800	380	31.6	9.3	1660	.49	.62	.74	30.2	8.9	1890	.50	.63	.76	28.8	8.4	2140	.50	.64	.78	27.2	8.0	2420	.51	.66	.80
		1000	470	33.0	9.7	1660	.52	.66	.80	31.4	9.2	1890	.51	.68	.82	29.8	8.7	2150	.53	.69	.85	28.2	8.3	2440	.54	.71	.88
		1200	565	34.0	10.0	1660	.53	.70	.86	32.4	9.5	1890	.54	.72	.88	30.6	9.0	2160	.55	.74	.91	28.8	8.4	2440	.57	.77	.95

COOLING PERFORMANCE - EXTENDED RATINGS

Outdoor Model	Entering Wet Bulb Temp	Total Air Volume		Outdoor Temperature - DB °F																							
				85° F (29.4° C)						95° F (35° C)						105° F (40.6° C)						115° F (46.1° C)					
				Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
							Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
		cfm	L/s	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
GPA36072S1 & GPA36090S1	59°F (15°C)	1000	470	32.4	9.5	2010	.94	1.00	1.00	31.4	9.2	2270	.96	1.00	1.00	30.0	8.8	2570	.98	1.00	1.00	28.6	8.4	2910	1.00	1.00	1.00
		1200	565	34.2	10.0	2010	1.00	1.00	1.00	33.0	9.7	2280	1.00	1.00	1.00	31.8	9.3	2580	1.00	1.00	1.00	30.2	8.9	2920	1.00	1.00	1.00
		1440	680	35.8	10.5	2020	1.00	1.00	1.00	34.6	10.1	2290	1.00	1.00	1.00	33.0	9.7	2580	1.00	1.00	1.00	31.6	9.3	2930	1.00	1.00	1.00
	63°F (17.2°C)	1000	470	33.8	9.9	2010	.78	.91	1.00	32.2	9.4	2280	.79	.93	1.00	30.8	9.0	2570	.81	.96	1.00	29.4	8.6	2920	.83	.98	1.00
		1200	565	34.8	10.2	2020	.83	.97	1.00	33.6	9.8	2280	.84	.99	1.00	32.0	9.4	2580	.86	1.00	1.00	30.2	8.9	2920	.89	1.00	1.00
		1440	680	36.0	10.6	2020	.88	1.00	1.00	34.6	10.1	2290	.90	1.00	1.00	33.0	9.7	2580	.92	1.00	1.00	31.6	9.3	2930	.95	1.00	1.00
	67°F (19.4°C)	1000	470	35.6	10.4	2020	.63	.76	.88	34.0	10.0	2280	.64	.78	.90	32.6	9.6	2580	.65	.79	.93	30.8	9.0	2920	.66	.81	.96
		1200	565	36.8	10.8	2020	.66	.80	.95	35.2	10.3	2290	.67	.82	.97	33.6	9.8	2590	.69	.84	.99	31.8	9.3	2930	.70	.87	1.00
		1440	680	37.8	11.1	2020	.70	.86	1.00	36.2	10.6	2290	.71	.88	1.00	34.4	10.1	2590	.73	.91	1.00	32.4	9.5	2930	.75	.94	1.00
	71°F (21.7°C)	1000	470	37.4	11.0	2020	.49	.62	.74	36.0	10.6	2290	.49	.63	.75	34.2	10.0	2590	.50	.64	.77	32.6	9.6	2930	.51	.66	.79
		1200	565	38.5	11.3	2030	.51	.65	.79	37.0	10.8	2300	.51	.66	.81	35.4	10.4	2600	.52	.68	.83	33.4	9.8	2940	.53	.70	.85
		1440	680	39.5	11.6	2030	.53	.69	.84	38.0	11.1	2300	.53	.71	.86	36.2	10.6	2600	.55	.73	.89	34.4	10.1	2940	.57	.75	.92
GPA42090S1	59°F (15°C)	1200	565	41.0	12.0	2490	.95	1.00	1.00	39.5	11.6	2810	.96	1.00	1.00	37.8	11.1	3160	.98	1.00	1.00	36.4	10.7	3560	1.00	1.00	1.00
		1450	685	43.5	12.7	2480	1.00	1.00	1.00	42.0	12.3	2800	1.00	1.00	1.00	40.0	11.7	3150	1.00	1.00	1.00	38.5	11.3	3560	1.00	1.00	1.00
		1750	825	45.5	13.3	2470	1.00	1.00	1.00	44.0	12.9	2790	1.00	1.00	1.00	42.0	12.3	3150	1.00	1.00	1.00	40.0	11.7	3560	1.00	1.00	1.00
	63°F (17.2°C)	1200	565	42.5	12.5	2490	.78	.92	1.00	40.5	11.9	2800	.79	.94	1.00	38.5	11.3	3160	.81	.96	1.00	36.8	10.8	3560	.83	.98	1.00
		1450	685	44.0	12.9	2480	.83	.98	1.00	42.5	12.5	2800	.84	.99	1.00	40.0	11.7	3150	.87	1.00	1.00	38.5	11.3	3560	.89	1.00	1.00
		1750	825	46.0	13.5	2470	.89	1.00	1.00	44.0	12.9	2790	.91	1.00	1.00	42.0	12.3	3150	.93	1.00	1.00	40.5	11.9	3560	.96	1.00	1.00
	67°F (19.4°C)	1200	565	44.5	13.0	2470	.63	.76	.89	43.0	12.6	2790	.64	.78	.91	41.0	12.0	3150	.65	.79	.93	39.0	11.4	3560	.65	.81	.96
		1450	685	46.5	13.6	2460	.66	.81	.95	44.5	13.0	2790	.68	.83	.97	42.5	12.5	3150	.68	.85	.99	40.0	11.7	3560	.71	.87	1.00
		1750	825	48.0	14.1	2450	.70	.87	1.00	45.5	13.3	2780	.72	.89	1.00	43.5	12.7	3140	.72	.92	1.00	41.5	12.2	3560	.74	.94	1.00
	71°F (21.7°C)	1200	565	47.0	13.8	2460	.48	.62	.74	45.0	13.2	2780	.49	.63	.76	43.5	12.7	3140	.50	.64	.77	41.0	12.0	3560	.51	.66	.79
		1450	685	49.0	14.4	2440	.50	.65	.80	47.0	13.8	2770	.51	.67	.82	44.5	13.0	3140	.52	.68	.83	42.5	12.5	3560	.53	.69	.86
		1750	825	50.5	14.8	2430	.53	.70	.86	48.0	14.1	2760	.53	.71	.88	46.0	13.5	3130	.55	.73	.90	43.5	12.7	3550	.56	.75	.94

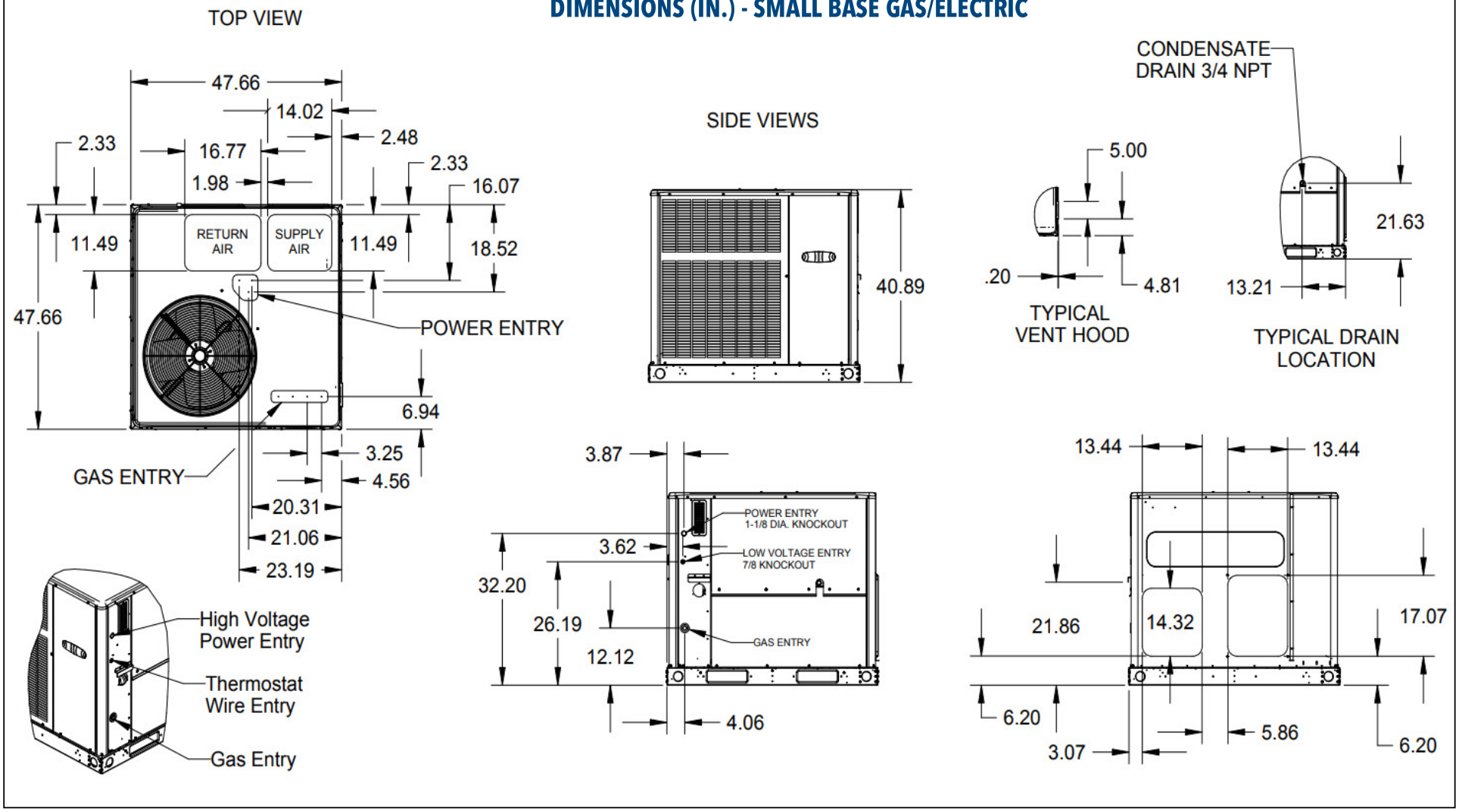
COOLING PERFORMANCE - EXTENDED RATINGS

Outdoor Model	Entering Wet Bulb Temp	Total Air Volume		Outdoor Temperature - DB °F																							
				85° F (29.4° C)						95° F (35° C)						105° F (40.6° C)						115° F (46.1° C)					
				Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		
							Dry Bulb						Dry Bulb						Dry Bulb						Dry Bulb		
		cfm	L/s	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C	kBtuh	kW		75°F 23.9°C	80°F 26.7°C	85°F 29.4°C
GPA48108S1	59°F (15°C)	1300	615	43.5	12.7	2590	.94	1.00	1.00	42.0	12.3	2960	.96	1.00	1.00	40.5	11.9	3370	.98	1.00	1.00	38.5	11.3	3840	1.00	1.00	1.00
		1600	755	46.0	13.5	2600	1.00	1.00	1.00	44.5	13.0	2970	1.00	1.00	1.00	42.5	12.5	3390	1.00	1.00	1.00	40.5	11.9	3850	1.00	1.00	1.00
		1900	895	48.0	14.1	2620	1.00	1.00	1.00	46.5	13.6	2990	1.00	1.00	1.00	44.5	13.0	3400	1.00	1.00	1.00	42.5	12.5	3860	1.00	1.00	1.00
	63°F (17.2°C)	1300	615	45.0	13.2	2600	.77	.91	1.00	43.5	12.7	2970	.79	.92	1.00	41.0	12.0	3380	.80	.95	1.00	39.0	11.4	3850	.83	.98	1.00
		1600	755	47.0	13.8	2610	.83	.98	1.00	45.0	13.2	2980	.84	1.00	1.00	43.0	12.6	3390	.86	1.00	1.00	41.0	12.0	3860	.89	1.00	1.00
		1900	895	48.0	14.1	2620	.88	1.00	1.00	46.5	13.6	2990	.90	1.00	1.00	45.0	13.2	3400	.92	1.00	1.00	42.5	12.5	3860	.95	1.00	1.00
	67°F (19.4°C)	1300	615	47.5	13.9	2610	.63	.75	.88	45.5	13.3	2980	.63	.77	.90	43.5	12.7	3390	.64	.79	.92	41.0	12.0	3860	.66	.81	.95
		1600	755	49.5	14.5	2620	.66	.81	.95	47.5	13.9	2990	.67	.83	.97	45.0	13.2	3400	.69	.85	1.00	43.0	12.6	3860	.70	.87	1.00
		1900	895	51.0	14.9	2630	.70	.86	1.00	49.0	14.4	3000	.71	.88	1.00	46.5	13.6	3400	.72	.91	1.00	44.0	12.9	3870	.75	.93	1.00
	71°F (21.7°C)	1300	615	50.0	14.7	2620	.48	.61	.73	48.0	14.1	2990	.49	.62	.75	46.0	13.5	3400	.49	.63	.77	43.5	12.7	3860	.50	.65	.79
		1600	755	52.0	15.2	2630	.51	.65	.79	50.0	14.7	3000	.51	.66	.81	47.5	13.9	3410	.52	.68	.83	45.0	13.2	3870	.53	.70	.86
		1900	895	53.5	15.7	2630	.53	.69	.85	51.0	14.9	3000	.54	.70	.87	48.5	14.2	3410	.54	.72	.89	46.0	13.5	3870	.56	.74	.92
GPA60108S1 & GPA60126S1	59°F (15°C)	1450	685	55.5	16.3	3470	.89	1.00	1.00	54.0	15.8	3920	.91	1.00	1.00	51.5	15.1	4430	.93	1.00	1.00	49.5	14.5	5020	.95	1.00	1.00
		1800	850	60.0	17.6	3490	.96	1.00	1.00	57.5	16.9	3950	.98	1.00	1.00	55.0	16.1	4460	1.00	1.00	1.00	53.0	15.5	5060	1.00	1.00	1.00
		2100	990	62.5	18.3	3500	1.00	1.00	1.00	60.0	17.6	3960	1.00	1.00	1.00	58.0	17.0	4480	1.00	1.00	1.00	55.0	16.1	5080	1.00	1.00	1.00
	63°F (17.2°C)	1450	685	58.5	17.1	3490	.74	.86	.98	56.5	16.6	3940	.76	.88	1.00	54.0	15.8	4440	.77	.90	1.00	51.0	14.9	5030	.79	.93	1.00
		1800	850	61.5	18.0	3500	.79	.93	1.00	58.5	17.1	3950	.81	.95	1.00	56.0	16.4	4470	.82	.98	1.00	53.5	15.7	5060	.85	1.00	1.00
		2100	990	63.5	18.6	3510	.83	.98	1.00	60.5	17.7	3960	.85	1.00	1.00	57.5	16.9	4480	.87	1.00	1.00	55.5	16.3	5080	.90	1.00	1.00
	67°F (19.4°C)	1450	685	61.5	18.0	3500	.60	.72	.83	59.5	17.4	3960	.61	.73	.85	56.5	16.6	4470	.62	.75	.87	53.5	15.7	5060	.63	.77	.89
		1800	850	65.0	19.0	3510	.64	.77	.90	61.5	18.0	3970	.65	.79	.92	59.5	17.4	4490	.66	.81	.95	56.0	16.4	5090	.67	.83	.98
		2100	990	66.5	19.5	3520	.67	.81	.96	64.0	18.8	3980	.68	.83	.99	60.5	17.7	4500	.69	.86	1.00	57.5	16.9	5100	.71	.88	1.00
	71°F (21.7°C)	1450	685	65.0	19.0	3510	.47	.59	.70	62.5	18.3	3970	.48	.60	.71	59.5	17.4	4490	.48	.61	.73	56.5	16.6	5090	.49	.62	.75
		1800	850	67.5	19.8	3520	.49	.63	.75	65.5	19.2	3990	.50	.64	.77	62.0	18.2	4510	.50	.65	.79	59.0	17.3	5120	.52	.67	.81
		2100	990	69.5	20.4	3530	.51	.66	.80	67.0	19.6	4000	.52	.67	.82	63.5	18.6	4520	.53	.69	.84	60.5	17.7	5130	.54	.71	.86

ACCESSORY AIR RESISTANCE DATA - IN. W.G.

Air Volume cfm	Rectangular to Round Duct Adaptor Kits					
	Downflow		Horizontal			
	14 in. Diameter		14 in. Diameter		16 in. Diameter	18 in. Diameter
	24, 30, 36	42, 48, 60	24, 30, 36	42, 48, 60	42, 48, 60	42, 48, 60
500	0.03	---	0.04	---	---	---
600	0.05	---	0.07	---	---	---
700	0.08	0.13	0.08	0.13	---	---
800	0.10	0.17	0.12	0.16	---	---
900	0.12	0.21	0.15	0.21	---	---
1000	0.17	0.24	0.19	0.25	0.11	0.03
1100	0.18	0.30	0.23	0.30	0.11	0.03
1200	0.20	0.36	0.29	0.37	0.13	0.03
1300	0.26	0.43	0.31	0.43	0.17	0.03
1400	0.31	0.50	0.39	0.51	0.20	0.03
1500	---	0.57	---	0.57	0.21	0.05
1600	---	0.63	---	0.65	0.26	0.05
1700	---	0.71	---	0.72	0.30	0.06
1800	---	0.80	---	0.81	0.30	0.06
1900	---	0.91	---	0.90	0.40	0.06
2000	---	0.99	---	1.01	0.41	0.06

DIMENSIONS (IN.) - SMALL BASE GAS/ELECTRIC



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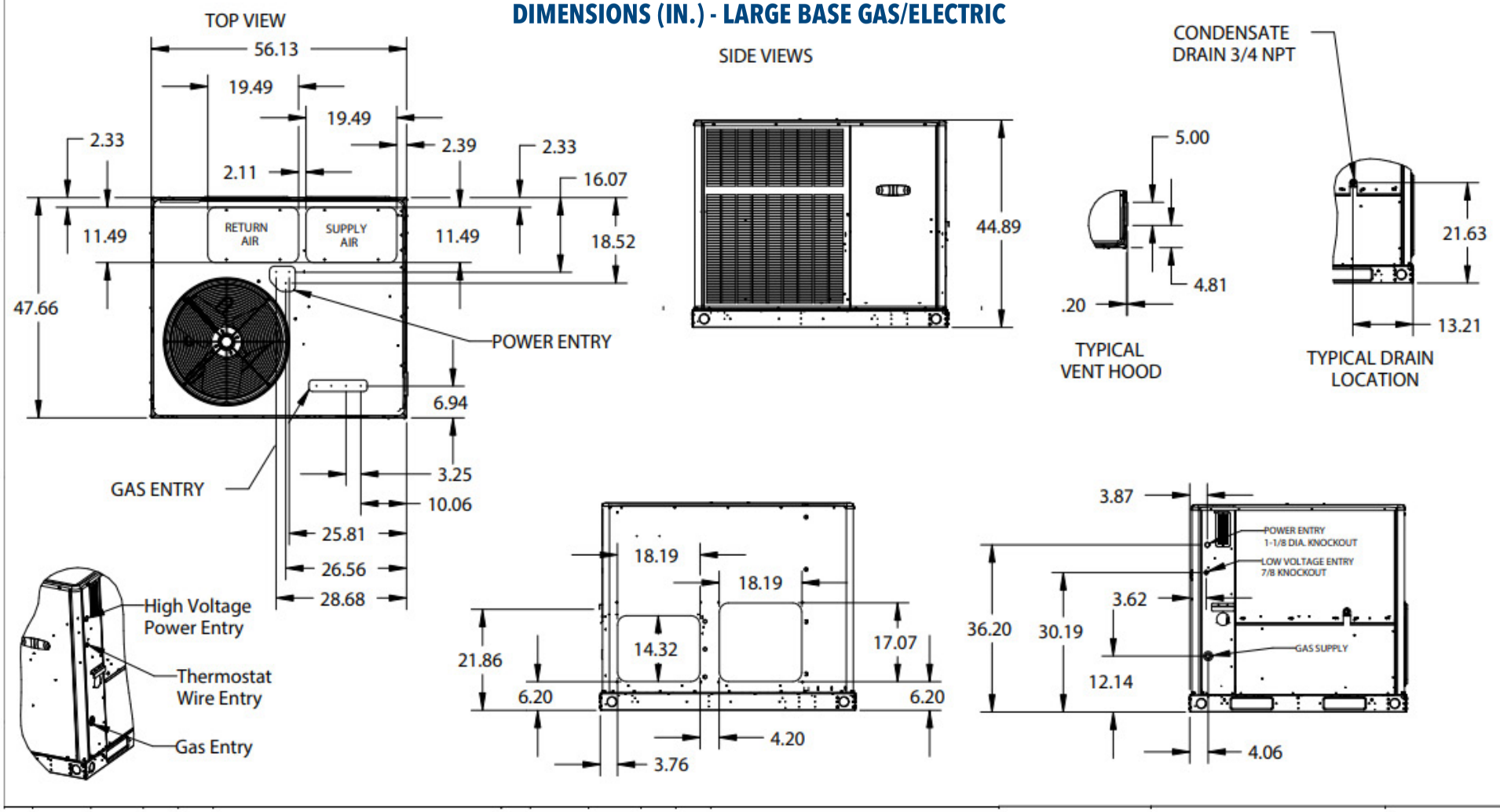
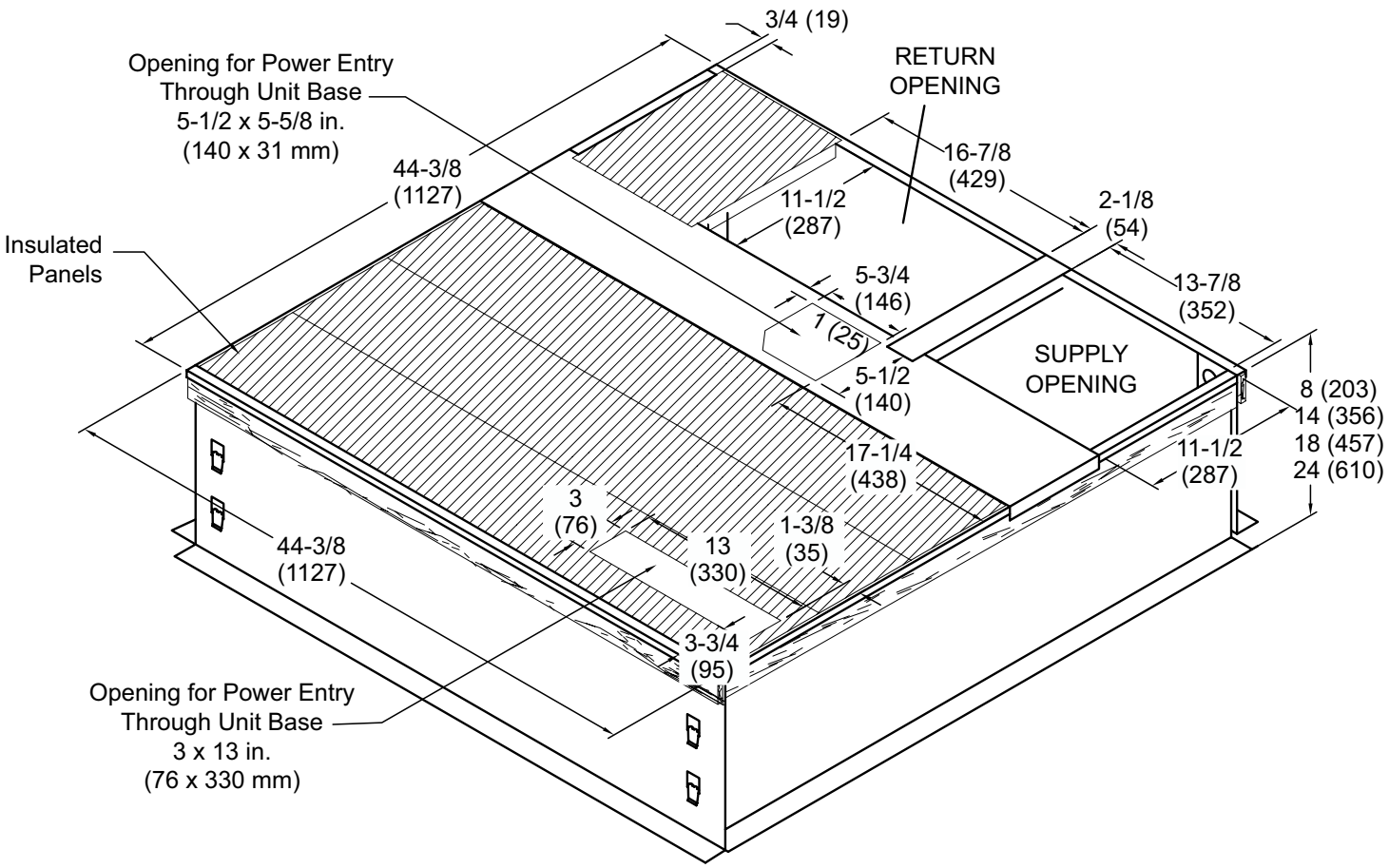
DIMENSIONS (IN.) - LARGE BASE GAS/ELECTRIC



Comfort-Aire®

ROOF CURB DIMENSIONS (IN.) - SMALL BASE



NOTE - If bottom entry is used, condensate from the heat exchanger may leak during warm ambient temperatures in humid climates. Ensure that bottom entry is watertight, if used.

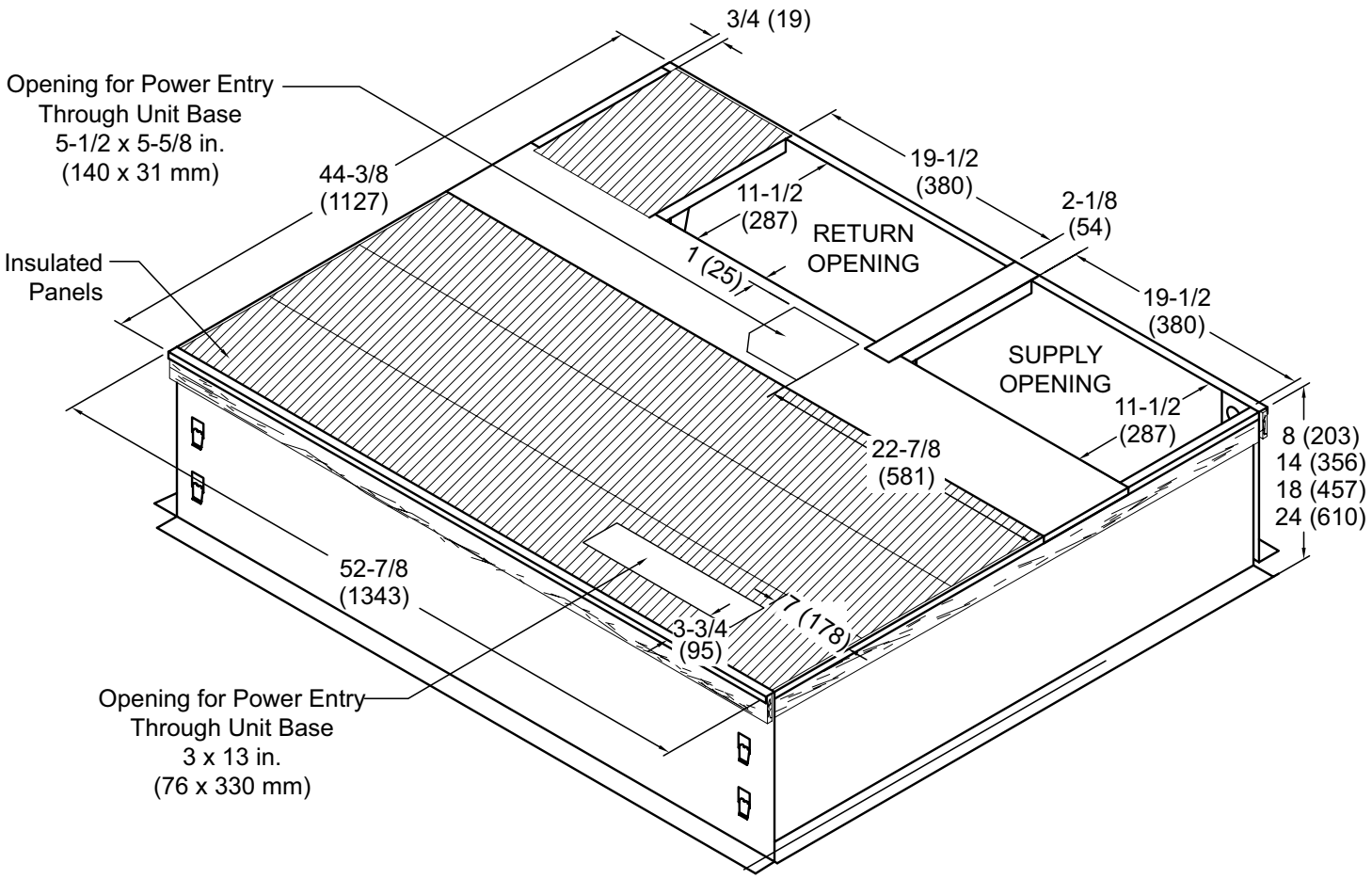
NOTE - Roof deck may be omitted within confines of curb

NOTE - All Curbs:

- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g z/h=1 Ip=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less fliter access panels NOT for seismic-rated applications

Comfort-Aire®

ROOF CURB DIMENSIONS (IN.) - LARGE BASE



NOTE - If bottom entry is used, condensate from the heat exchanger may leak during warm ambient temperatures in humid climates. Ensure that bottom entry is watertight, if used.

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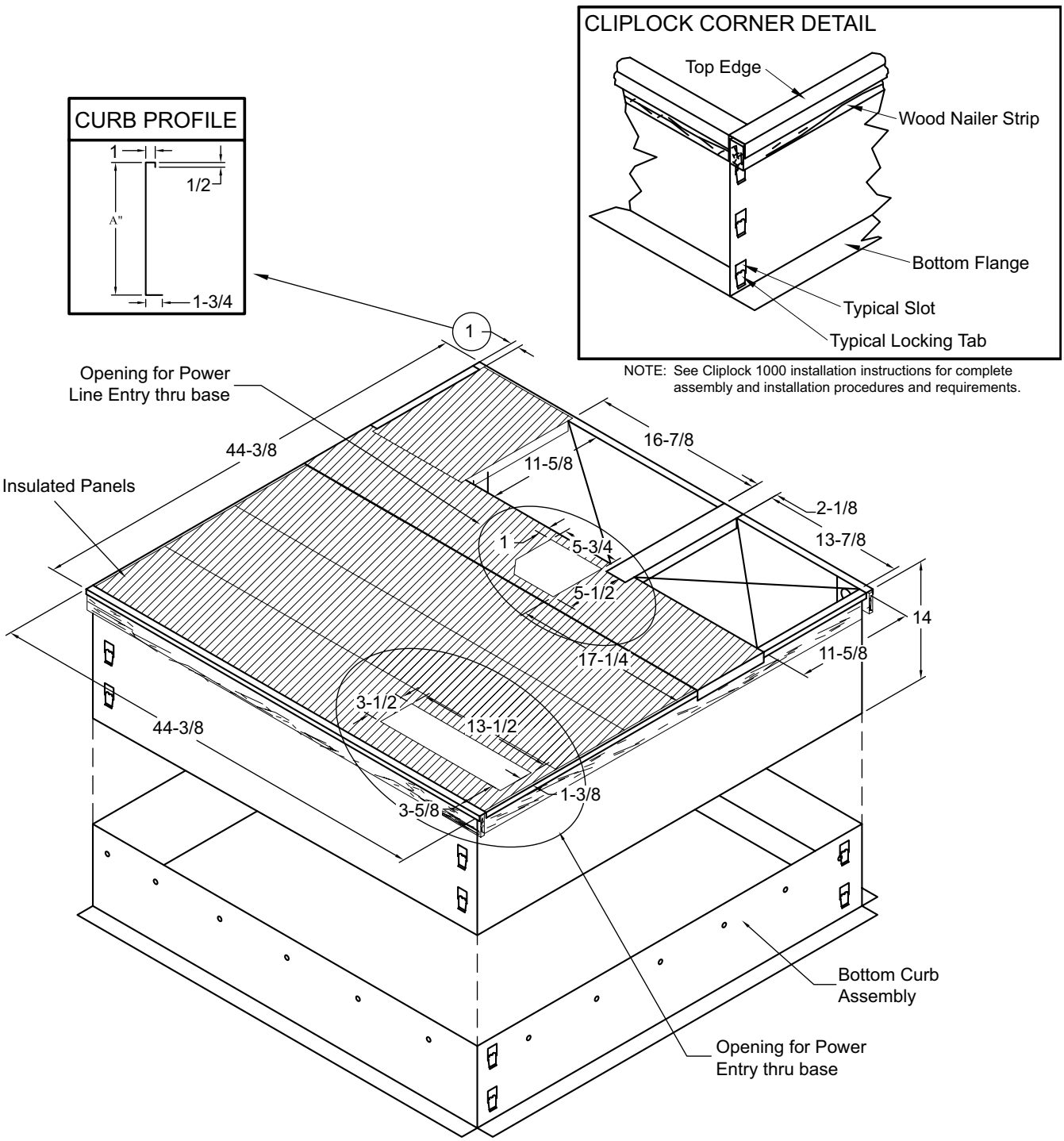
- Maximum load rating - 800 lbs.
- Tool-less fliter access panels NOT for seismic-rated applications

ADJUSTABLE CURB (KNOCK-DOWN STYLE) DIMENSIONS - SMALL BASE



NOTE: See Cliplock 1000 installation instructions for complete assembly and installation procedures and requirements.

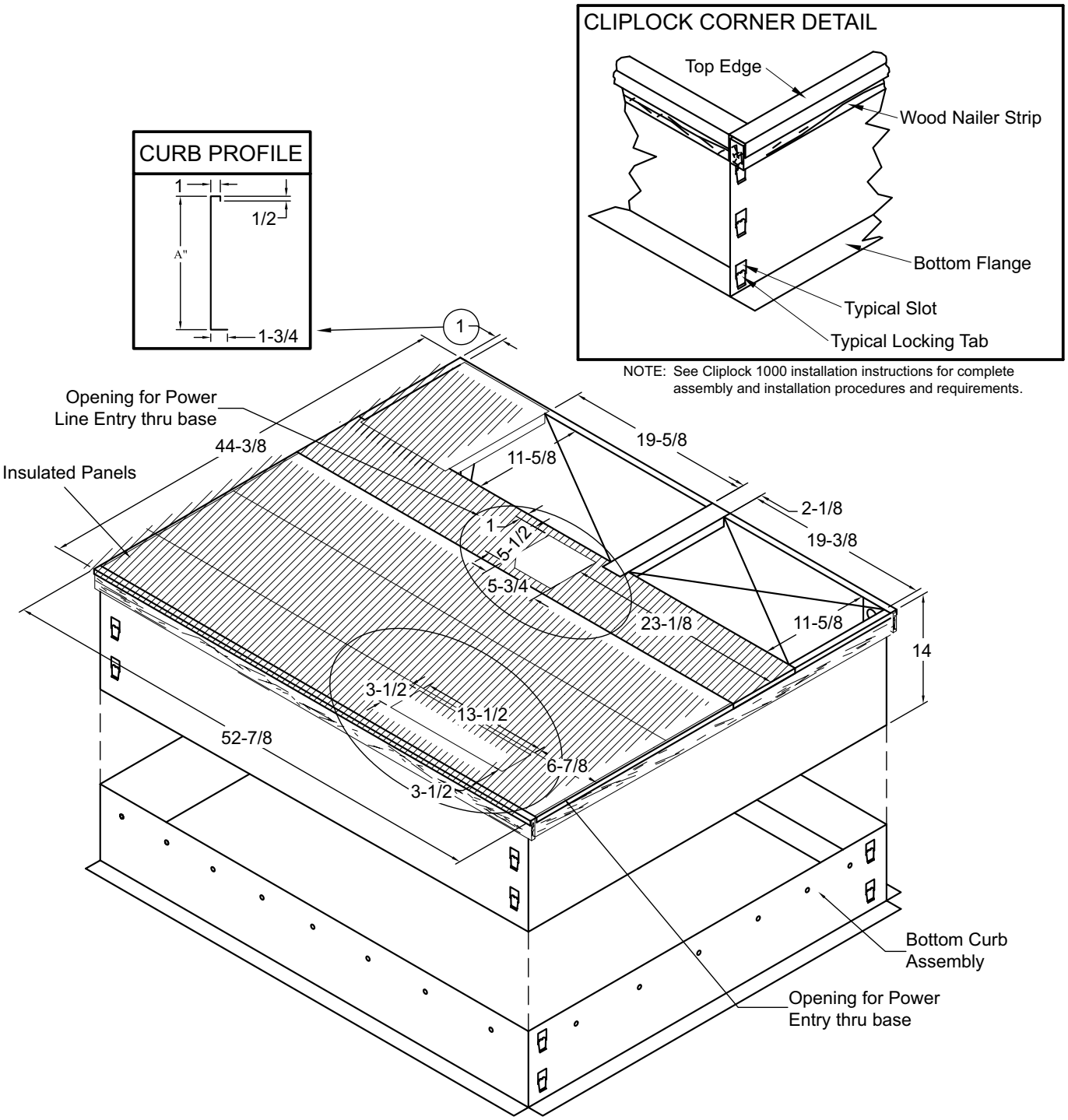
NOTE - If bottom entry is used, condensate from the heat exchanger may leak during warm ambient temperatures in humid climates. Ensure that bottom entry is watertight, if used.

NOTE - Roof deck may be omitted within confines of curb

NOTE - All Curbs:

- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g z/h=1 Ip=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less fliter access panels NOT for seismic-rated applications

ADJUSTABLE CURB (KNOCK-DOWN STYLE) DIMENSIONS - LARGE BASE



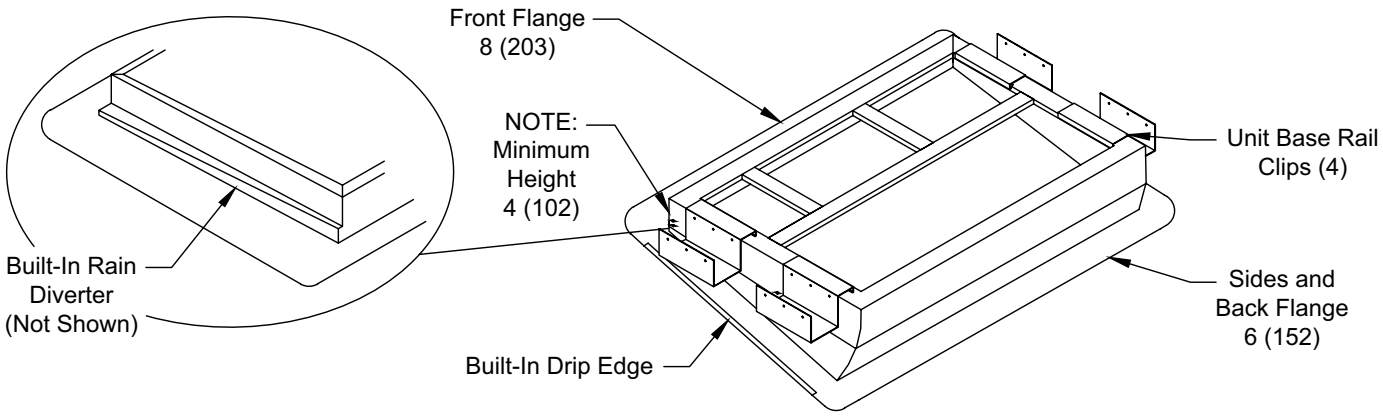
NOTE - If bottom entry is used, condensate from the heat exchanger may leak during warm ambient temperatures in humid climates. Ensure that bottom entry is watertight, if used.

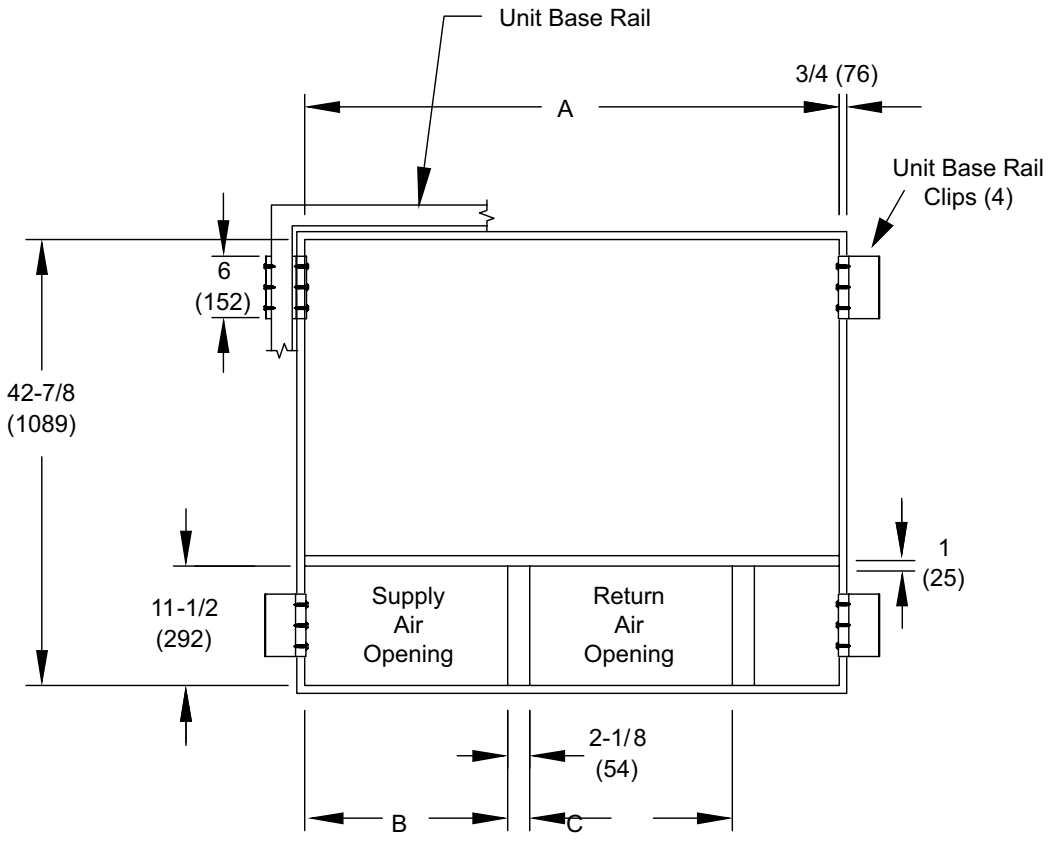
NOTE - Roof deck may be omitted within confines of curb

NOTE - All Curbs:

- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g z/h=1 Ip=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less fliter access panels NOT for seismic-rated applications

ADJUSTABLE CURB (WELDED STYLE) DIMENSIONS





Usage	A		B		C	
	in.	mm.	in.	mm.	in.	mm.
24,30,36	42-7/8	1089	13-7/8	352	16-7/8	429
42,48,60	51-3/8	1305	19-1/2	495	19-1/2	495

ACCESSORIES

Description		Where Used	Kit Number
Compressor Crankcase Heater		36, 42	27U17
		48, 60	27P79
Compressor Hard Start Kit		24, 30, 36	10J42
		42, 48, 60	88M91
Compressor Timed-Off Control		All	47J28
Low Ambient Kit		All	21D20
Internal Filter Rack Kit		24, 30, 36	11U73
		42, 48, 60	11U74
LPG/Propane Conversion Kit (Ser#1621B16144 or Lower)		All Models Before Serial Number 1621B16144	21V12 and 22B87
LPG/Propane Conversion Kit (Ser#1621B16145 or Higher)		All Models After Serial Number 1621B16145	22B87
8" Height Full Perimeter Curb		24, 30, 36	21J13
		42, 48, 60	21J17
14" Height Full Perimeter Curb		24, 30, 36	21J14
		42, 48, 60	21J19
18" Height Full Perimeter Curb		24, 30, 36	21J15
		42, 48, 60	21J20
24" Height Full Perimeter Curb		24, 30, 36	21J16
		42, 48, 60	21J25
Adjustable Pitch Roof Curb (Knock-Down Style)		24, 30, 36	21J26
		42, 48, 60	21U04
Adjustable Pitch Roof Curb (Welded Style)		24, 30, 36	22V54
		42, 48, 60	22V55
Strapping Kit - Hurricane		Slab	21J74
		Rail	22G53
Strapping Kit - Seismic		All	21J75
Duct Adapter Kit - Horizontal	14 in. dia.	All	21J75
	14 in. dia.	42, 48, 60	21D24
	16 in. dia.	42, 48, 60	22U78
	18 in. dia.	42, 48, 60	22U79
Duct Adapter Kit - Downflow	14 in. dia.	24, 30, 36	20X82
	14 in. dia.	42, 48, 60	21D26
Bottom Power Entry Kit		All	21J78
Bottom Gas Entry Kit		All	21D34
Base Rail Openings - Closure Kit		All	21J84

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.