

BRP7HP13

PRODUCT SPECIFICATIONS

14 SEER/13.4 SEER2
HEAT PUMP
PACKAGED UNIT

FORM NO. BRP7HP13-100 (11/2024)

REFRIGERANT SYSTEM

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

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

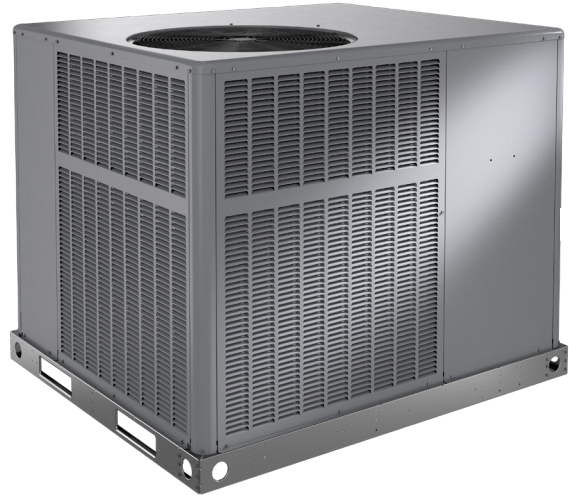
- Insulated compartment to reduce sound
- Efficient constant torque motor for wide airflow range
- Slide out blower housing for easy service

CONTROLS

- Integrated control with L.E.D. self diagnostics
- Demand defrost control board with frost detection logic (2 ton models)
- Defrost control board with field-selectable time intervals (2.5 - 5 ton models)
- Built in short cycle protection to protect compressor
- Built in “quiet shift” operation during defrost on select models

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

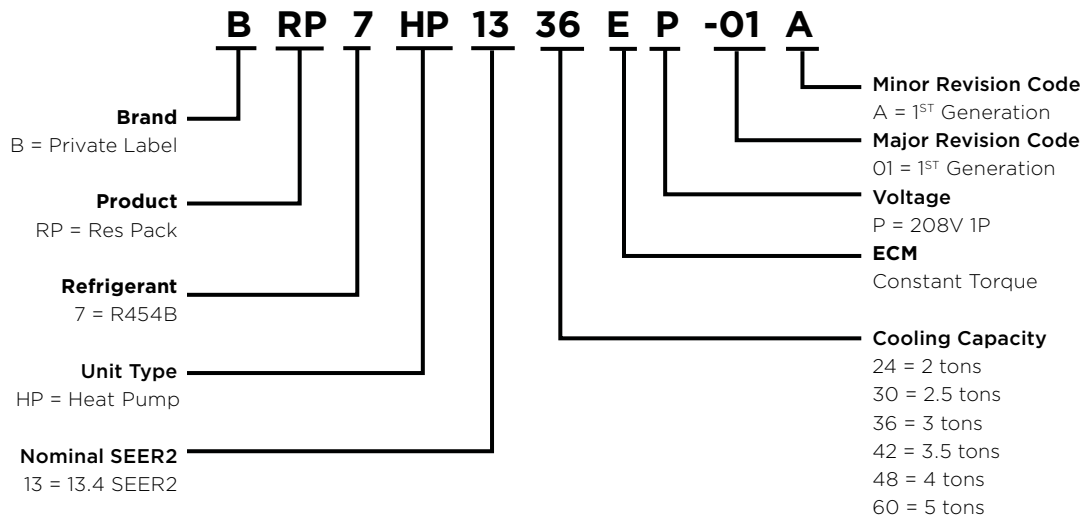
- Clip roof curbs and adjustable pitch roof curbs available
- Internal filter kits
- Electric strip heat with optional single point power entry (side entry only)
- Duct adapters
- Closure kit for base rail openings

WARRANTY

10 year limited parts and compressor warranty. See limited warranty document for details.



MODEL NUMBER GUIDE



ELECTRICAL AND PHYSICAL DATA

Model	Voltage	Phase	Hz	Min Volts @ 60 hz	MCA	Max Fuse/ HACR Breaker	Compressor	Blower Motor		Condenser Motor		Refrig. Charge (oz.)	Weight (lbs.)
							RLA	RLA	HP	RLA	HP		
BRP7HP1324	208-230	1	60	197	16.6	25.0	10.2	2.8	1/3	1.0	1/6	81oz	369
BRP7HP1330					20.9	30.0	12.7	4.1	1/2	1.0	1/6	81 oz	379
BRP7HP1336					24.8	40.0	16.6	3.0	1/2	1.0	1/6	101 oz	388
BRP7HP1342					25.5	35.0	14.3	6.0	3/4	1.7	1/4	150 oz	460
BRP7HP1348					29.3	45.0	17.3	6.0	3/4	1.7	1/4	143 oz	464
BRP7HP1360					37.5	60.0	25.6	3.9	1	1.7	/4	150 oz	503

PERFORMANCE

MODEL	COOLING				HEATING					Sound dBA
	Rated AHRI Capacity Btuh (SEER / SEER2)	Efficiency		Rated Sensible Capacity Btuh (SEER / SEER2)	47 DEG.		HSPF / HSPF2	17 DEG.		
		SEER / EER	SEER2 / EER2		BTUH (HSPF / HSPF2)	COP (HSPF / HSPF2)		BTUH (HSPF / HSPF2)	COP (HSPF / HSPF2)	
BRP7HP1324	22,600 / 23,000	14.0 / 11.0	13.4 / 10.6	17,800 / 18,100	22,000 / 21,600	3.8 / 3.4	8.0 / 6.7	12,300 / 11,900	2.3 / 1.9	78
BRP7HP1330	28,600 / 28,600			22,500 / 22,500	27,000 / 25,800	3.7 / 3.7		15,900 / 15,000	2.3 / 2.2	78
BRP7HP1336	34,000 / 34,000			26,800 / 26,800	32,400 / 32,600	3.7 / 3.6		20,000 / 18,300	2.3 / 2.1	78
BRP7HP1342	40,000 / 39,500			31,200 / 30,800	39,000 / 40,000	3.6 / 3.5		23,600 / 22,500	2.3 / 2.1	78
BRP7HP1348	46,000 / 45,500			35,800 / 35,400	45,000 / 47,000	3.7 / 3.6		27,000 / 28,200	2.3 / 2.3	79
BRP7HP1360	57,000 / 56,000			43,300 / 42,500	56,000 / 58,000	3.7 / 3.3		33,600 / 33,300	2.4 / 2.0	78

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

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
BRP7HP1324	TAP 1	680	590	550	450	380	N/A	N/A	N/A	N/A	N/A
	TAP 2	890	830	800	760	710	680	640	600	N/A	N/A
	TAP 3	1000	965	930	900	870	835	805	770	740	695
BRP7HP1330	TAP 1	680	640	600	570	530	490	N/A	N/A	N/A	N/A
	TAP 2	1100	1070	1050	1020	990	960	930	900	N/A	N/A
	TAP 3	1195	1160	1130	1110	1070	1040	1005	970	935	875
BRP7HP1336	TAP 1	860	810	760	710	640	590	550	490	N/A	N/A
	TAP 2	1300	1265	1235	1200	1165	1125	1085	1040	1000	885
	TAP 3	1450	1425	1395	1350	1320	1285	1250	1165	1045	860
BRP7HP1342	TAP 1	800	720	640	550	475	390	310	0	0	0
	TAP 2	1470	1410	1360	1300	1260	1210	1155	1095	1000	940
	TAP 3	1580	1540	1505	1460	1415	1370	1320	1235	1135	1060
BRP7HP1348	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	1840	1800	1760	1720	1670	1615	1555	1500	N/A	N/A
BRP7HP1360	TAP 1	1400	1320	1260	1200	1120	1060	980	900	N/A	N/A
	TAP 2	1920	1870	1820	1770	1720	1670	1450	1360	N/A	N/A
	TAP 3	1970	1915	1865	1820	1770	1725	1685	1640	1595	1540

COOLING PERFORMANCE - EXTENDED RATINGS

Outdoor Model	Enter-ing Wet Bulb Temperature	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		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor 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	kBtuh	kW	75°F 23.9°C	80°F 26.7°C
BRP7HP1324	59°F (15°C)	700	330	23.2	6.8	1360	.96	1.00	1.00	22.2	6.5	1560	.99	1.00	1.00	21.4	6.3	1800	1.00	1.00	1.00	20.4	6.0	2060	1.00	1.00	1.00	1.00
		850	400	24.6	7.2	1360	1.00	1.00	1.00	23.6	6.9	1560	1.00	1.00	1.00	22.6	6.6	1790	1.00	1.00	1.00	21.6	6.3	2060	1.00	1.00	1.00	1.00
		1000	470	25.6	7.5	1360	1.00	1.00	1.00	24.6	7.2	1560	1.00	1.00	1.00	23.6	6.9	1790	1.00	1.00	1.00	22.4	6.6	2050	1.00	1.00	1.00	1.00
	63°F (17.2°C)	700	330	24.0	7.0	1360	.79	.93	1.00	22.8	6.7	1560	.81	.96	1.00	21.8	6.4	1800	.83	.98	1.00	20.4	6.0	2060	.86	1.00	1.00	1.00
		850	400	24.8	7.3	1360	.85	1.00	1.00	23.6	6.9	1560	.87	1.00	1.00	22.6	6.6	1790	.90	1.00	1.00	21.6	6.3	2060	.93	1.00	1.00	1.00
		1000	470	25.8	7.6	1360	.90	1.00	1.00	24.6	7.2	1560	.93	1.00	1.00	23.6	6.9	1790	.96	1.00	1.00	22.4	6.6	2050	.99	1.00	1.00	1.00
	67°F (19.4°C)	700	330	25.2	7.4	1360	.64	.77	.90	24.2	7.1	1560	.65	.79	.93	23.0	6.7	1790	.66	.81	.95	21.6	6.3	2060	.68	.84	.99	.99
		850	400	26.2	7.7	1360	.67	.83	.98	25.0	7.3	1560	.69	.85	1.00	23.8	7.0	1790	.71	.88	1.00	22.4	6.6	2050	.72	.91	1.00	1.00
		1000	470	27.0	7.9	1360	.71	.88	1.00	25.8	7.6	1560	.73	.91	1.00	24.4	7.2	1790	.75	.94	1.00	23.0	6.7	2050	.77	.98	1.00	1.00
	71°F (21.7°C)	700	330	26.6	7.8	1360	.49	.63	.75	25.6	7.5	1560	.49	.64	.77	24.4	7.2	1790	.51	.65	.79	23.0	6.7	2050	.52	.67	.82	.82
		850	400	27.8	8.1	1350	.51	.67	.81	26.6	7.8	1560	.52	.68	.83	25.2	7.4	1790	.53	.69	.86	23.8	7.0	2050	.55	.72	.89	.89
		1000	470	28.6	8.4	1350	.54	.71	.87	27.2	8.0	1560	.54	.72	.90	25.8	7.6	1790	.56	.74	.93	24.4	7.2	2050	.58	.77	.96	.96
BRP7HP1330	59°F (15°C)	850	400	28.0	8.2	1760	.96	1.00	1.00	27.0	7.9	1980	.99	1.00	1.00	25.6	7.5	2240	1.00	1.00	1.00	24.6	7.2	2540	1.00	1.00	1.00	1.00
		1050	495	30.0	8.8	1770	1.00	1.00	1.00	28.8	8.4	1990	1.00	1.00	1.00	27.4	8.0	2250	1.00	1.00	1.00	26.2	7.7	2550	1.00	1.00	1.00	1.00
		1250	590	31.4	9.2	1770	1.00	1.00	1.00	30.2	8.9	2000	1.00	1.00	1.00	29.0	8.5	2260	1.00	1.00	1.00	27.4	8.0	2560	1.00	1.00	1.00	1.00
	63°F (17.2°C)	850	400	28.6	8.4	1760	.79	.94	1.00	27.6	8.1	1990	.82	.96	1.00	26.2	7.7	2250	.84	.99	1.00	24.8	7.3	2540	.86	1.00	1.00	1.00
		1050	495	30.0	8.8	1770	.86	1.00	1.00	28.8	8.4	1990	.88	1.00	1.00	27.4	8.0	2250	.91	1.00	1.00	26.2	7.7	2550	.94	1.00	1.00	1.00
		1250	590	31.4	9.2	1770	.92	1.00	1.00	30.2	8.9	2000	.94	1.00	1.00	29.0	8.5	2260	.98	1.00	1.00	27.4	8.0	2560	1.00	1.00	1.00	1.00
	67°F (19.4°C)	850	400	30.6	9.0	1770	.65	.78	.91	29.4	8.6	2000	.66	.80	.93	27.8	8.1	2260	.67	.82	.96	26.2	7.7	2550	.69	.84	.99	.99
		1050	495	32.0	9.4	1780	.69	.84	.99	30.4	8.9	2000	.70	.86	1.00	29.0	8.5	2260	.72	.89	1.00	27.4	8.0	2560	.74	.92	1.00	1.00
		1250	590	32.8	9.6	1780	.73	.90	1.00	31.2	9.1	2010	.75	.93	1.00	29.8	8.7	2270	.77	.96	1.00	28.0	8.2	2560	.80	1.00	1.00	1.00
	71°F (21.7°C)	850	400	32.6	9.6	1780	.50	.64	.76	31.2	9.1	2010	.51	.65	.78	29.6	8.7	2270	.52	.66	.80	28.0	8.2	2560	.53	.68	.83	.83
		1050	495	34.0	10.0	1790	.53	.68	.82	32.4	9.5	2010	.54	.70	.85	30.8	9.0	2270	.55	.71	.87	29.0	8.5	2570	.57	.74	.91	.91
		1250	590	35.0	10.3	1790	.56	.72	.89	33.4	9.8	2020	.57	.75	.92	31.6	9.3	2280	.58	.77	.95	29.8	8.7	2580	.60	.79	.98	.98

COOLING PERFORMANCE - EXTENDED RATINGS

Outdoor Model	Enter-ing Wet Bulb Temperature	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		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)		
		cfm	L/s	kBtuh	kW		Dry Bulb						kBtuh	kW	75°F 23.9°C				80°F 26.7°C	85°F 29.4°C	Dry Bulb				kBtuh	kW	75°F 23.9°C
BRP7HP1336	59°F (15°C)	1000	470	33.8	9.9	2130	.95	1.00	1.00	32.6	9.6	2430	.97	1.00	1.00	31.2	9.1	2770	.99	1.00	1.00	29.6	8.7	3160	1.00	1.00	1.00
		1200	565	35.6	10.4	2140	1.00	1.00	1.00	34.4	10.1	2440	1.00	1.00	1.00	32.8	9.6	2780	1.00	1.00	1.00	31.4	9.2	3170	1.00	1.00	1.00
		1400	660	37.2	10.9	2150	1.00	1.00	1.00	35.8	10.5	2450	1.00	1.00	1.00	34.4	10.1	2800	1.00	1.00	1.00	32.4	9.5	3180	1.00	1.00	1.00
	63°F (17.2°C)	1000	470	35.2	10.3	2140	.78	.91	1.00	33.6	9.8	2440	.80	.94	1.00	31.8	9.3	2780	.81	.97	1.00	30.0	8.8	3170	.84	1.00	1.00
		1200	565	36.2	10.6	2150	.83	.98	1.00	34.8	10.2	2450	.85	1.00	1.00	33.0	9.7	2790	.87	1.00	1.00	31.4	9.2	3170	.90	1.00	1.00
		1400	660	37.4	11.0	2150	.88	1.00	1.00	35.8	10.5	2450	.90	1.00	1.00	34.4	10.1	2800	.93	1.00	1.00	32.4	9.5	3180	.96	1.00	1.00
	67°F (19.4°C)	1000	470	37.2	10.9	2150	.63	.76	.89	35.6	10.4	2450	.65	.78	.91	34.0	10.0	2790	.66	.80	.93	32.0	9.4	3180	.67	.82	.97
		1200	565	38.5	11.3	2160	.66	.81	.95	37.0	10.8	2460	.68	.83	.97	35.0	10.3	2800	.70	.85	1.00	33.0	9.7	3180	.72	.88	1.00
		1400	660	39.5	11.6	2170	.70	.86	1.00	37.8	11.1	2470	.72	.89	1.00	35.8	10.5	2810	.73	.91	1.00	34.0	10.0	3190	.76	.94	1.00
	71°F (21.7°C)	1000	470	39.0	11.4	2170	.49	.62	.74	37.6	11.0	2460	.51	.63	.76	36.0	10.6	2810	.51	.65	.78	33.8	9.9	3190	.52	.66	.80
		1200	565	40.5	11.9	2180	.52	.66	.79	39.0	11.4	2470	.53	.67	.81	37.0	10.8	2810	.54	.69	.83	35.0	10.3	3190	.55	.71	.87
		1400	660	41.5	12.2	2180	.54	.70	.84	40.0	11.7	2480	.55	.71	.87	38.0	11.1	2820	.56	.73	.90	35.8	10.5	3200	.58	.75	.93
BRP7HP1342	59°F (15°C)	1100	520	38.5	11.3	2410	.92	1.00	1.00	37.0	10.8	2720	.94	1.00	1.00	35.6	10.4	3050	.96	1.00	1.00	33.8	9.9	3420	.99	1.00	1.00
		1400	660	41.5	12.2	2390	.99	1.00	1.00	40.0	11.7	2700	1.00	1.00	1.00	38.5	11.3	3030	1.00	1.00	1.00	36.4	10.7	3410	1.00	1.00	1.00
		1700	800	44.5	13.0	2360	1.00	1.00	1.00	42.5	12.5	2680	1.00	1.00	1.00	40.5	11.9	3020	1.00	1.00	1.00	38.5	11.3	3410	1.00	1.00	1.00
	63°F (17.2°C)	1100	520	40.0	11.7	2400	.76	.89	1.00	38.0	11.1	2710	.78	.91	1.00	36.4	10.7	3040	.79	.94	1.00	34.6	10.1	3420	.81	.96	1.00
		1400	660	42.5	12.5	2380	.82	.97	1.00	40.5	11.9	2690	.84	.99	1.00	38.0	11.1	3040	.86	1.00	1.00	36.4	10.7	3410	.89	1.00	1.00
		1700	800	44.0	12.9	2360	.88	1.00	1.00	42.5	12.5	2680	.91	1.00	1.00	40.5	11.9	3020	.94	1.00	1.00	38.5	11.3	3410	.97	1.00	1.00
	67°F (19.4°C)	1100	520	42.5	12.5	2380	.61	.74	.86	40.5	11.9	2690	.63	.76	.88	38.5	11.3	3030	.64	.77	.91	36.6	10.7	3410	.65	.79	.93
		1400	660	45.0	13.2	2360	.65	.80	.95	42.5	12.5	2670	.67	.82	.97	40.5	11.9	3020	.68	.85	.99	38.5	11.3	3410	.70	.87	1.00
		1700	800	46.5	13.6	2340	.69	.86	1.00	44.0	12.9	2660	.71	.89	1.00	42.0	12.3	3000	.73	.92	1.00	39.5	11.6	3400	.75	.96	1.00
	71°F (21.7°C)	1100	520	45.0	13.2	2350	.48	.60	.72	43.0	12.6	2670	.48	.61	.73	41.0	12.0	3010	.49	.63	.75	39.0	11.4	3410	.50	.64	.77
		1400	660	47.0	13.8	2330	.49	.64	.78	45.0	13.2	2640	.51	.66	.80	42.5	12.5	3000	.52	.68	.83	40.5	11.9	3390	.52	.69	.86
		1700	800	48.5	14.2	2310	.52	.68	.84	46.5	13.6	2630	.53	.70	.87	44.5	13.0	2980	.53	.73	.90	41.5	12.2	3380	.55	.75	.93

COOLING PERFORMANCE - EXTENDED RATINGS

Outdoor Model	Enter-ing Wet Bulb Temper-ature	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		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)			Total Cooling Capacity		Com-pressor Motor Watts Input	Sensible To Total Ratio (S/T)		
		cfm	L/s	kBtuh	kW	Dry Bulb			kBtuh	kW	Dry Bulb			kBtuh	kW	Input	Dry Bulb			kBtuh	kW	Input	Dry Bulb				
						75°F 23.9°C	80°F 26.7°C	85°F 29.4°C			75°F 23.9°C	80°F 26.7°C	85°F 29.4°C				75°F 23.9°C	80°F 26.7°C	85°F 29.4°C				75°F 23.9°C	80°F 26.7°C	85°F 29.4°C		
BRP7HP1348	59°F (15°C)	1300	615	44.0	12.9	2720	.95	1.00	1.00	42.0	12.3	3090	.97	1.00	1.00	40.5	11.9	3510	1.00	1.00	1.00	38.5	11.3	3980	1.00	1.00	1.00
		1650	780	47.5	13.9	2730	1.00	1.00	1.00	45.5	13.3	3100	1.00	1.00	1.00	43.5	12.7	3520	1.00	1.00	1.00	41.5	12.2	3990	1.00	1.00	1.00
		2000	945	50.0	14.7	2730	1.00	1.00	1.00	48.0	14.1	3110	1.00	1.00	1.00	46.0	13.5	3530	1.00	1.00	1.00	43.5	12.7	4000	1.00	1.00	1.00
	63°F (17.2°C)	1300	615	45.0	13.2	2720	.78	.92	1.00	43.5	12.7	3090	.80	.94	1.00	41.5	12.2	3510	.82	.97	1.00	39.0	11.4	3980	.84	1.00	1.00
		1650	780	47.5	13.9	2730	.85	1.00	1.00	45.5	13.3	3100	.87	1.00	1.00	43.5	12.7	3520	.89	1.00	1.00	41.5	12.2	3990	.93	1.00	1.00
		2000	945	50.0	14.7	2730	.92	1.00	1.00	48.0	14.1	3110	.94	1.00	1.00	46.0	13.5	3530	.97	1.00	1.00	43.5	12.7	4000	1.00	1.00	1.00
	67°F (19.4°C)	1300	615	48.0	14.1	2730	.62	.76	.89	46.0	13.5	3100	.64	.78	.91	43.5	12.7	3520	.65	.80	.94	41.0	12.0	3990	.66	.82	.97
		1650	780	50.5	14.8	2730	.67	.83	.98	48.0	14.1	3110	.69	.85	1.00	45.5	13.3	3530	.70	.88	1.00	43.0	12.6	4000	.72	.91	1.00
		2000	945	52.0	15.2	2740	.72	.90	1.00	49.5	14.5	3110	.74	.93	1.00	47.0	13.8	3540	.76	.96	1.00	44.5	13.0	4010	.78	.99	1.00
	71°F (21.7°C)	1300	615	50.5	14.8	2730	.48	.61	.74	48.5	14.2	3110	.48	.63	.76	46.0	13.5	3530	.49	.64	.77	43.5	12.7	4000	.51	.66	.80
		1650	780	53.5	15.7	2740	.50	.66	.81	51.0	14.9	3110	.51	.68	.83	48.0	14.1	3540	.52	.70	.86	45.5	13.3	4010	.54	.72	.89
		2000	945	55.0	16.1	2740	.53	.72	.88	52.5	15.4	3120	.54	.73	.91	49.5	14.5	3550	.56	.75	.95	47.0	13.8	4020	.57	.78	.98
BRP7HP1360	59°F (15°C)	1450	685	53.0	15.5	3470	.91	1.00	1.00	51.0	14.9	3970	.93	1.00	1.00	49.0	14.4	4540	.95	1.00	1.00	46.5	13.6	5180	.98	1.00	1.00
		1830	865	57.0	16.7	3490	.99	1.00	1.00	55.0	16.1	4000	1.00	1.00	1.00	53.0	15.5	4570	1.00	1.00	1.00	50.0	14.7	5220	1.00	1.00	1.00
		2200	1040	60.5	17.7	3520	1.00	1.00	1.00	58.0	17.0	4020	1.00	1.00	1.00	55.5	16.3	4600	1.00	1.00	1.00	53.0	15.5	5240	1.00	1.00	1.00
	63°F (17.2°C)	1450	685	55.5	16.3	3480	.75	.88	1.00	53.0	15.5	3980	.76	.90	1.00	50.5	14.8	4550	.78	.92	1.00	48.0	14.1	5200	.81	.95	1.00
		1830	865	58.5	17.1	3510	.81	.96	1.00	56.0	16.4	4010	.83	.98	1.00	53.0	15.5	4570	.85	1.00	1.00	50.0	14.7	5220	.88	1.00	1.00
		2200	1040	60.5	17.7	3520	.87	1.00	1.00	58.0	17.0	4020	.89	1.00	1.00	55.5	16.3	4600	.92	1.00	1.00	53.0	15.5	5240	.95	1.00	1.00
	67°F (19.4°C)	1450	685	59.0	17.3	3510	.60	.73	.85	56.0	16.4	4010	.62	.75	.87	53.5	15.7	4580	.63	.76	.90	50.5	14.8	5220	.64	.79	.92
		1830	865	61.5	18.0	3530	.65	.79	.93	59.0	17.3	4030	.66	.81	.96	56.5	16.6	4600	.67	.83	.98	53.0	15.5	5240	.69	.86	1.00
		2200	1040	64.0	18.8	3550	.69	.85	1.00	61.0	17.9	4050	.70	.87	1.00	58.0	17.0	4620	.72	.90	1.00	54.0	15.8	5260	.74	.94	1.00
	71°F (21.7°C)	1450	685	62.0	18.2	3530	.47	.59	.71	59.5	17.4	4040	.47	.61	.72	56.5	16.6	4610	.48	.62	.74	53.5	15.7	5250	.50	.63	.77
		1830	865	65.5	19.2	3560	.49	.64	.77	62.5	18.3	4070	.49	.65	.79	59.0	17.3	4640	.51	.67	.82	56.0	16.4	5280	.52	.68	.84
		2200	1040	67.5	19.8	3580	.51	.68	.83	64.0	18.8	4090	.52	.70	.86	61.0	17.9	4660	.54	.71	.88	57.5	16.9	5300	.55	.74	.92

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

HEATING PERFORMANCE EXT. RATINGS

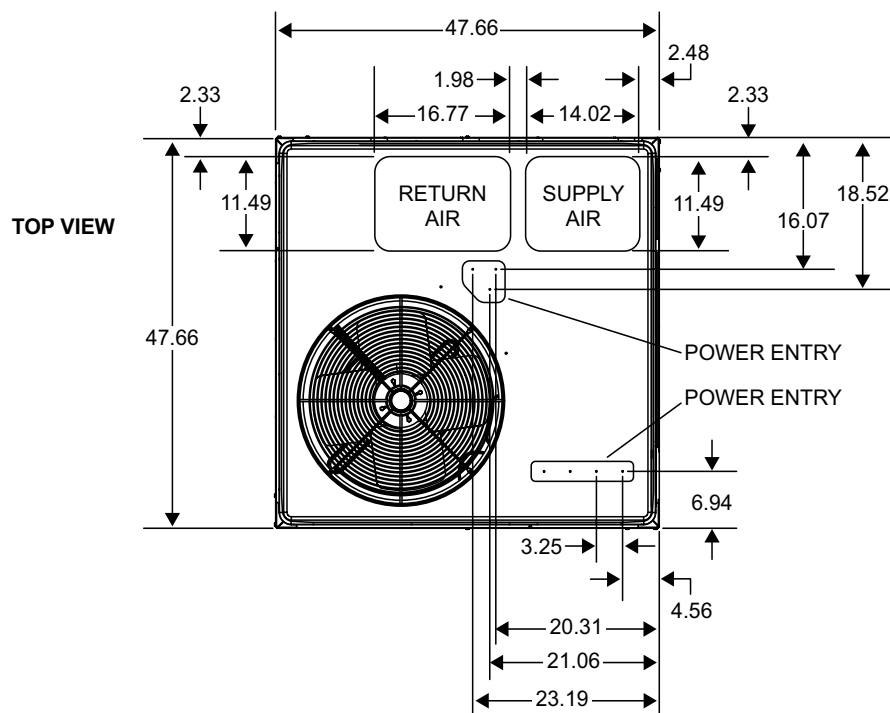
Model	Outdoor Temp. DB/WB deg. F											
	0/0		5/4		17/15		35/33		47/43		62/56	
	Btuh	KW	Btuh	KW	Btuh	KW	Btuh	KW	Btuh	KW	Btuh	KW
BRP7HP1324EP	7500.00	2.20	8900.00	2.61	12300.00	3.60	18500.00	5.42	22700.00	6.65	27900.00	8.18
BRP7HP1330EP	9100.00	2.67	11000.00	3.22	15400.00	4.51	22200.00	6.51	26800.00	7.85	32400.00	9.50
BRP7HP1336EP	11600.00	3.40	13900.00	4.07	19300.00	5.66	28100.00	8.24	33900.00	9.94	41200.00	12.07
BRP7HP1342EP	16500.00	4.84	19000.00	5.57	25100.00	7.36	35000.00	10.26	41700.00	12.22	50000.00	14.65
BRP7HP1348EP	14000.00	4.10	17500.00	5.13	25700.00	7.53	39100.00	11.46	48000.00	14.07	59100.00	17.32
BRP7HP1360EP	23400.00	6.86	26800.00	7.85	34900.00	10.23	49400.00	14.48	59100.00	17.32	71100.00	20.84

NOTE: Values based on 0.50" w.c. external static pressure

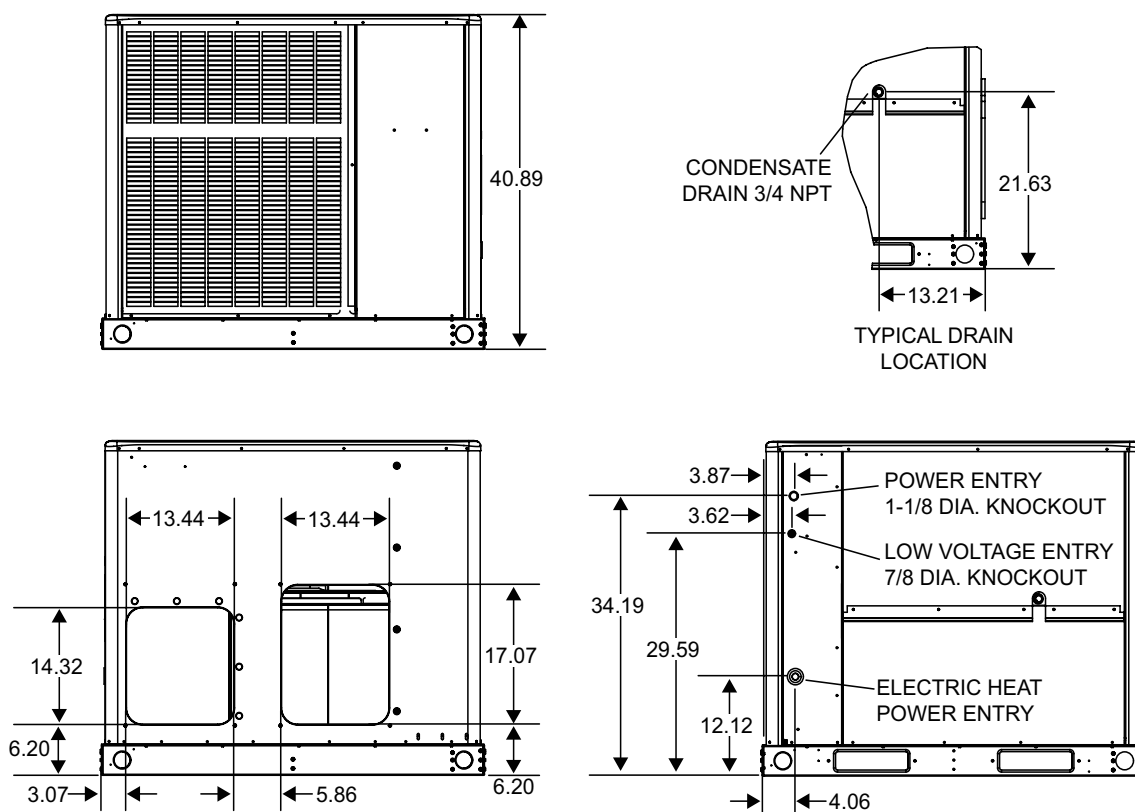
HEAT STRIP ELECTRICAL

Model	Heater Size	Heater Model	Min BLW Speed	AMPS 240V	AMPS 208V	Input kw 240V	Input kw 208V	Circuit 1 240V			Circuit 1 208V			Circuit 2 240V			Circuit 2 208V			SINGLE CIRCUIT 240V		SINGLE CIRCUIT 208V	
								MCA	MAX FUSE		MCA	MAX FUSE		MCA	MAX FUSE		MCA	MAX FUSE		MCA	MAX FUSE		MCA
BRP7HP1324EP	5KW	PHK05BP-1	Tap 4	20.8	18.1	5	3.8	29.5	30.0		26.1	30.0		0.0	-		0.0	-		42.6	45.0	39.2	40.0
	7.5KW	PHK07BP-1	Tap 4	31.3	27.1	7.5	5.6	42.6	45.0		37.4	40.0		0.0	-		0.0	-		55.7	60.0	50.5	60.0
	10 KW	PHK10BP-1	Tap 4	41.7	36.1	10	7.5	55.6	60.0		48.6	50.0		0.0	-		0.0	-		68.7	70.0	61.7	70.0
BRP7HP1330EP	5KW	PHK05BP-1	Tap 4	20.8	18.1	5	3.8	31.2	35.0		27.7	30.0		0.0	-		0.0	-		47.0	50.0	43.5	50.0
	7.5KW	PHK07BP-1	Tap 4	31.3	27.1	7.5	5.6	44.2	45.0		39.0	40.0		0.0	-		0.0	-		60.0	70.0	54.8	60.0
	10 KW	PHK10BP-1	Tap 4	41.7	36.1	10	7.5	57.2	60.0		50.3	60.0		0.0	-		0.0	-		73.0	80.0	66.1	70.0
BRP7HP1336EP	5KW	PHK05BP-1	Tap 4	20.8	18.1	5	3.8	29.8	30.0		26.3	30.0		0.0	-		0.0	-		50.8	60.0	47.4	50.0
	7.5KW	PHK07BP-1	Tap 4	31.3	27.1	7.5	5.6	42.8	45.0		37.6	40.0		0.0	-		0.0	-		63.9	70.0	58.7	60.0
	10 KW	PHK10BP-1	Tap 4	41.7	36.1	10	7.5	55.8	60.0		48.9	50.0		0.0	-		0.0	-		76.9	80.0	69.9	70.0
	15 KW	PHK15BP-1	Tap 4	62.5	54.2	15	11.3	55.8	60.0		48.9	50.0		26.0	30.0		22.6	25.0		102.9	110.0	92.5	100.0
	5KW	PHK05BP-1	Tap 4	20.8	18.1	5	3.8	33.5	35.0		30.1	35.0		0.0	-		0.0	-		51.6	60.0	48.1	50.0
	7.5KW	PHK07BP-1	Tap 4	31.3	27.1	7.5	5.6	46.6	50.0		41.4	45.0		0.0	-		0.0	-		64.6	70.0	59.4	60.0
BRP7HP1342EP	10 KW	PHK10BP-1	Tap 4	41.7	36.1	10	7.5	59.6	60.0		52.6	60.0		0.0	-		0.0	-		77.6	80.0	70.7	80.0
	15 KW	PHK15BP-1	Tap 4	62.5	54.2	15	11.3	59.6	60.0		52.6	60.0		26.0	30.0		22.6	25.0		103.7	110.0	93.2	100.0
	20 KW	PHK20BP-1	Tap 4	83.3	72.2	20	15	59.6	60.0		52.6	60.0		52.1	60.0		45.1	50.0		129.7	150.0	115.8	125.0
	5KW	PHK05BP-1	Tap 4	20.8	18.1	5	3.8	33.5	35.0		30.1	35.0		0.0	-		0.0	-		55.3	60.0	51.9	60.0
	7.5KW	PHK07BP-1	Tap 4	31.3	27.1	7.5	5.6	46.6	50.0		41.4	45.0		0.0	-		0.0	-		68.4	70.0	63.2	70.0
	10 KW	PHK10BP-1	Tap 4	41.7	36.1	10	7.5	59.6	60.0		52.6	60.0		0.0	-		0.0	-		81.4	90.0	74.4	80.0
BRP7HP1348EP	15 KW	PHK15BP-1	Tap 4	62.5	54.2	15	11.3	59.6	60.0		52.6	60.0		26.0	30.0		22.6	25.0		107.4	110.0	97.0	100.0
	20 KW	PHK20BP-1	Tap 4	83.3	72.2	20	15	59.6	60.0		52.6	60.0		52.1	60.0		45.1	50.0		133.5	150.0	119.6	125.0
	5KW	PHK05BP-1	Tap 4	20.8	18.1	5	3.8	30.9	35.0		27.4	30.0		0.0	-		0.0	-		63.6	80.0	60.1	80.0
BRP7HP1360EP	7.5KW	PHK07BP-1	Tap 4	31.3	27.1	7.5	5.6	43.9	45.0		38.7	40.0		0.0	-		0.0	-		76.6	90.0	71.4	90.0
	10 KW	PHK10BP-1	Tap 4	41.7	36.1	10	7.5	57.0	60.0		50.0	60.0		0.0	-		0.0	-		89.6	100.0	82.7	90.0
	15 KW	PHK15BP-1	Tap 4	62.5	54.2	15	11.3	57.0	60.0		50.0	60.0		26.0	30.0		22.6	25.0		115.7	125.0	105.3	110.0
	20 KW	PHK20BP-1	Tap 4	83.3	72.2	20	15	57.0	60.0		50.0	60.0		52.1	60.0		45.1	50.0		141.7	150.0	127.8	150.0

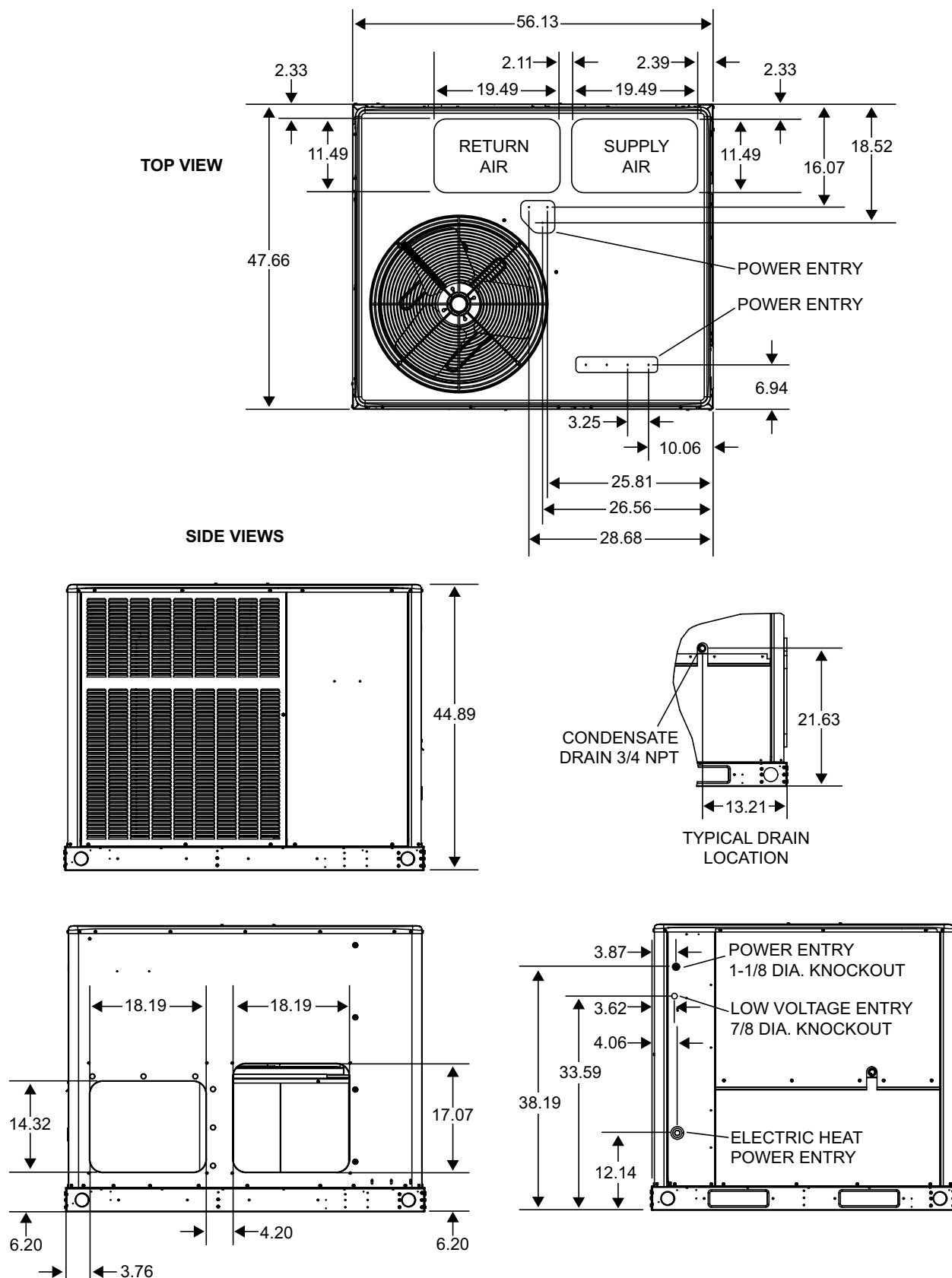
DIMENSIONS (IN.) - SMALL BASE

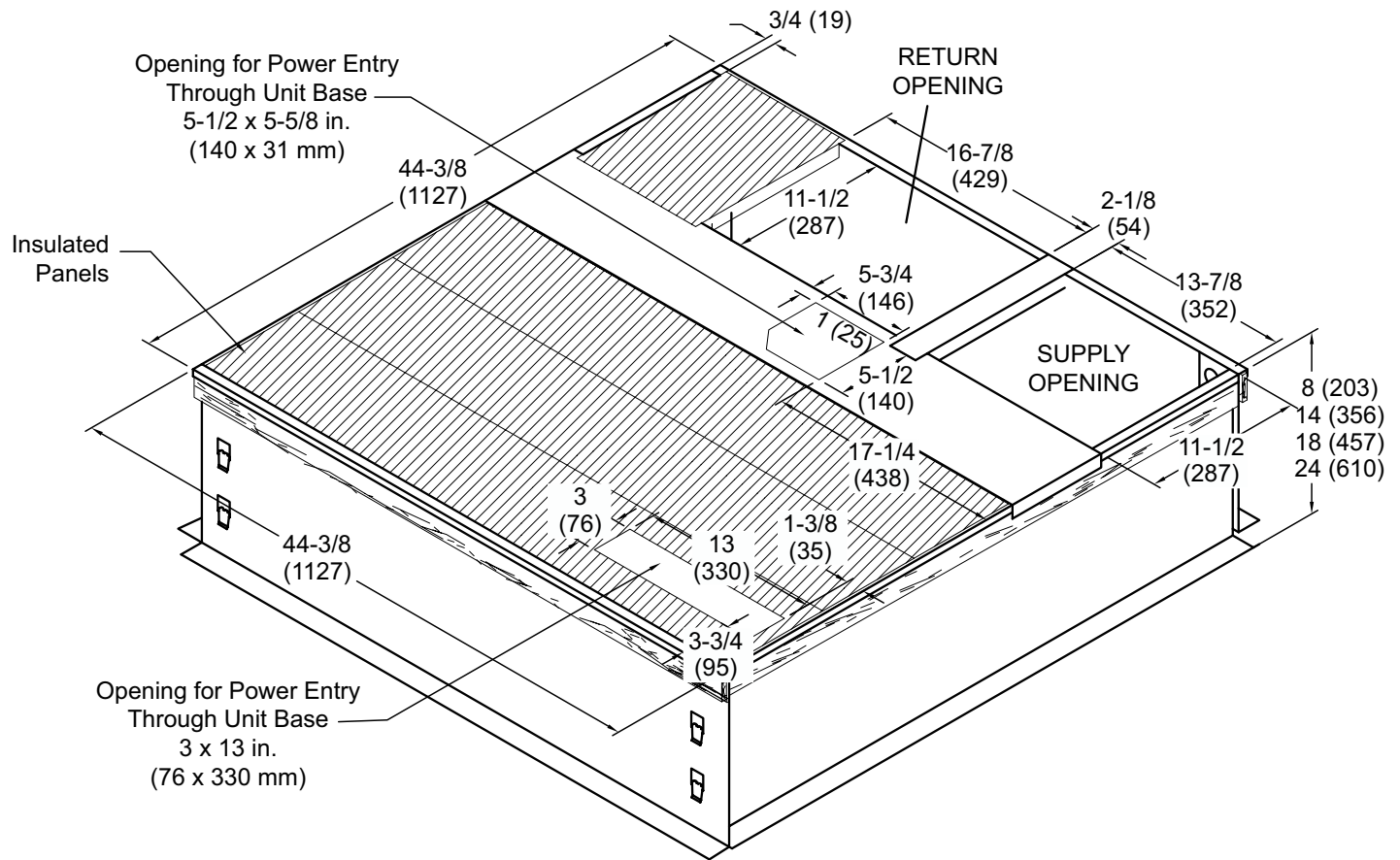


SIDE VIEWS



DIMENSIONS (IN.) - LARGE BASE

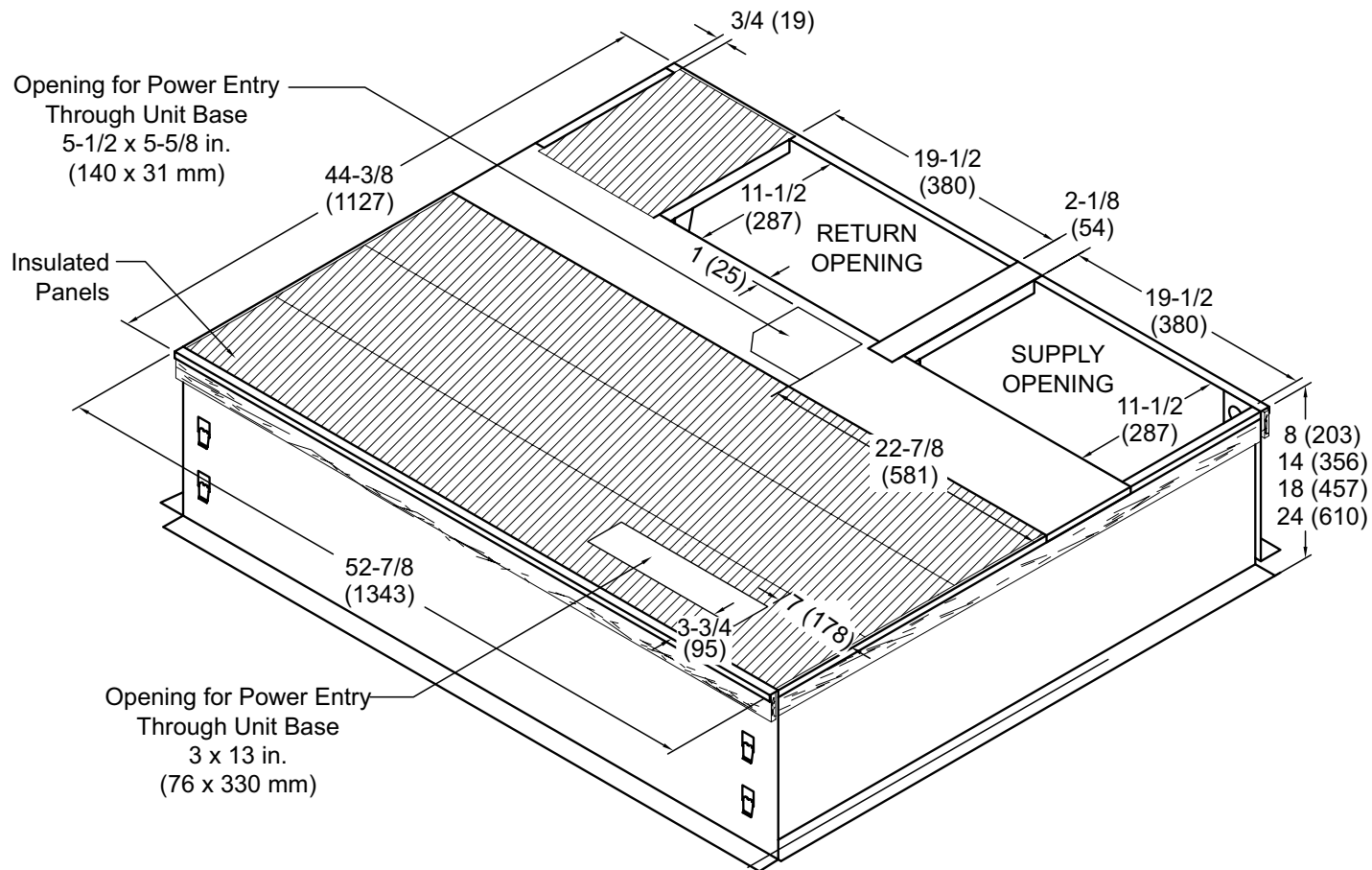


ROOF CURB DIMENSIONS - SMALL BASE

NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curbs::

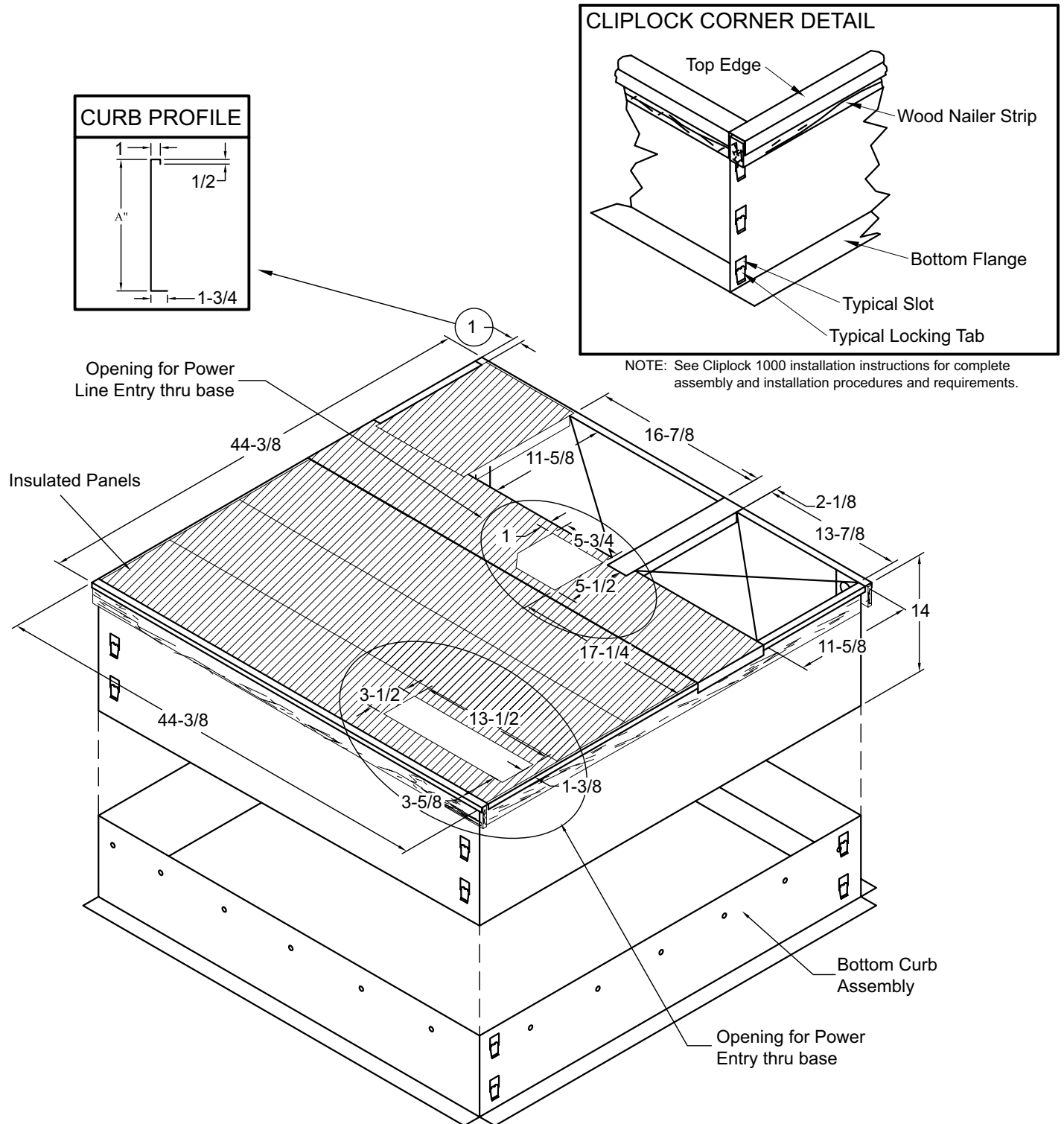
- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g, z/h=1, Ip=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less filter access panels NOT for seismic-rated applications

ROOF CURB DIMENSIONS - LARGE BASE

NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curbs::

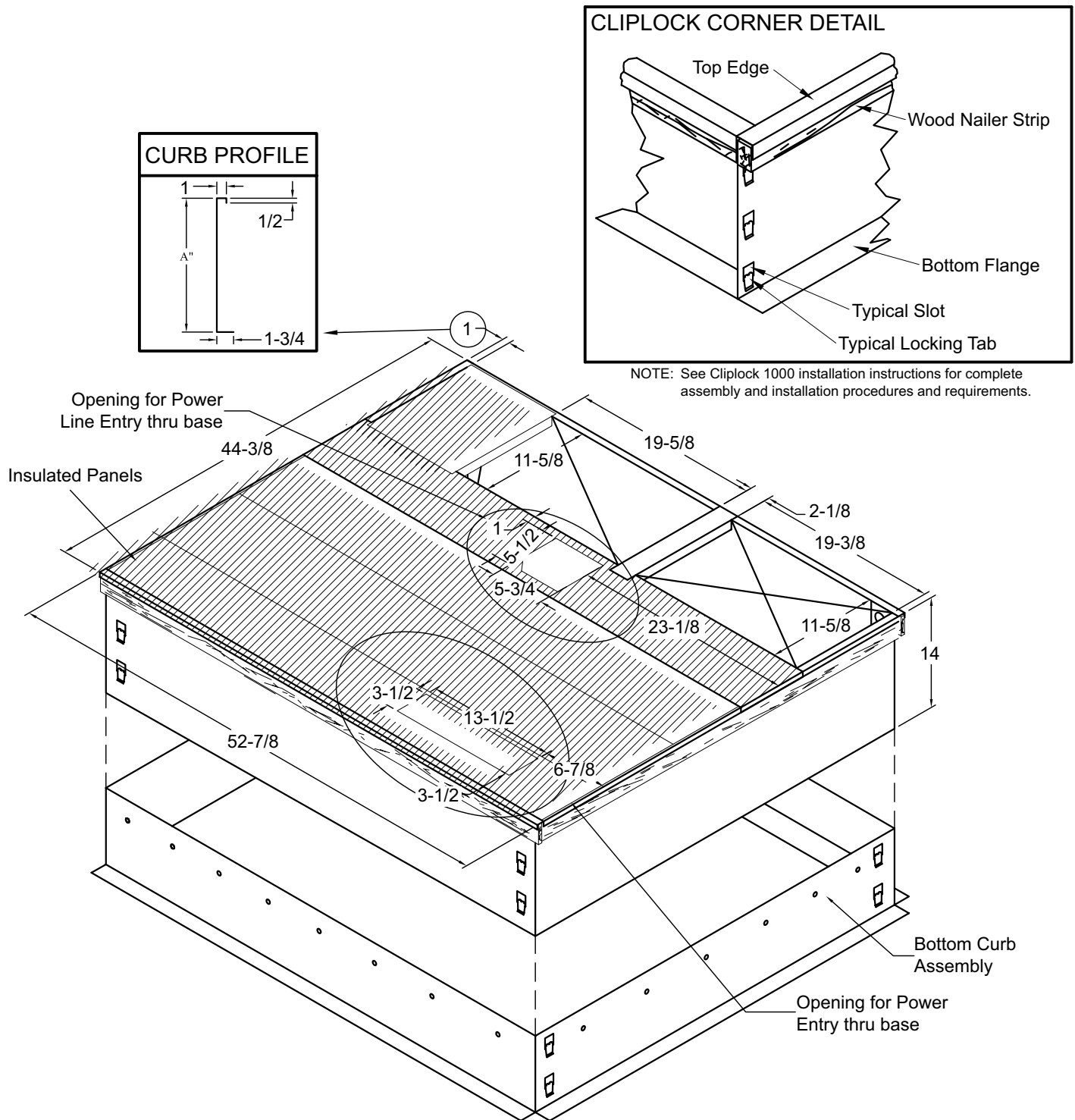
- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g, z/h=1, Ip=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less filter access panels NOT for seismic-rated applications

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

NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curb::

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

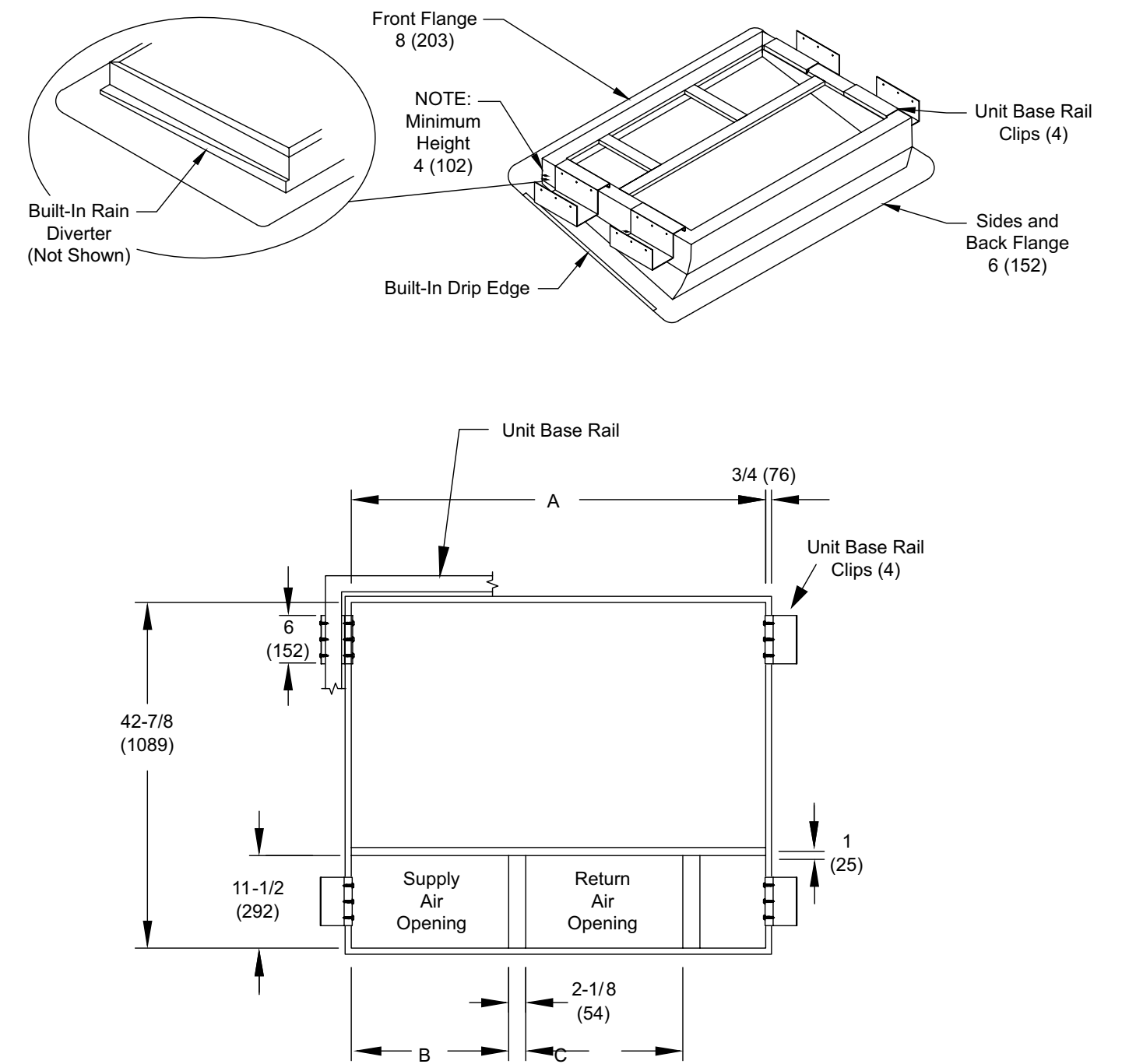
ADJUSTABLE CURB (KNOCK-DOWN STYLE) DIMENSIONS - LARGE BASE

NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curb::

- 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 filter 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		24, 30, 36	27U17
		42, 48, 60	27P79
Compressor Hard Start Kit		24, 30	10J42
		36, 42, 48, 60	88M91
Compressor Timed-Off Control		All	47J28
Low Ambient Kit		All	21D20
Electric Heater 5kW - PHK05BP		All	10W47
Electric Heater 7.5kW - PHK07BP		All	10W48
Electric Heater 10kW - PHK10BP		All	10W49
Electric Heater 15kW - PHK15BP		36, 42, 48, 60	10W50
Electric Heater 20kW - PHK20BP		42, 48, 60	10W51
Internal Filter Rack Kit		24, 30, 36	11U73
		42, 48, 60	11U74
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.	24, 30, 36	21J92
	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
Base Rail Openings - Closure Kit		All	21J84
Single Point Power - 5kW ASPWR813-1		All	13W88
Single Point Power - 7.5 kW ASPWR814-1		All	13W89
Single Point Power - 10kW ASPWR815-1		All	13W90
Single Point Power - 15-20kW ASPWR816-1		36, 42, 48, 60	13W91

All specifications and illustrations subject to
change without notice and without incurring
obligations.