

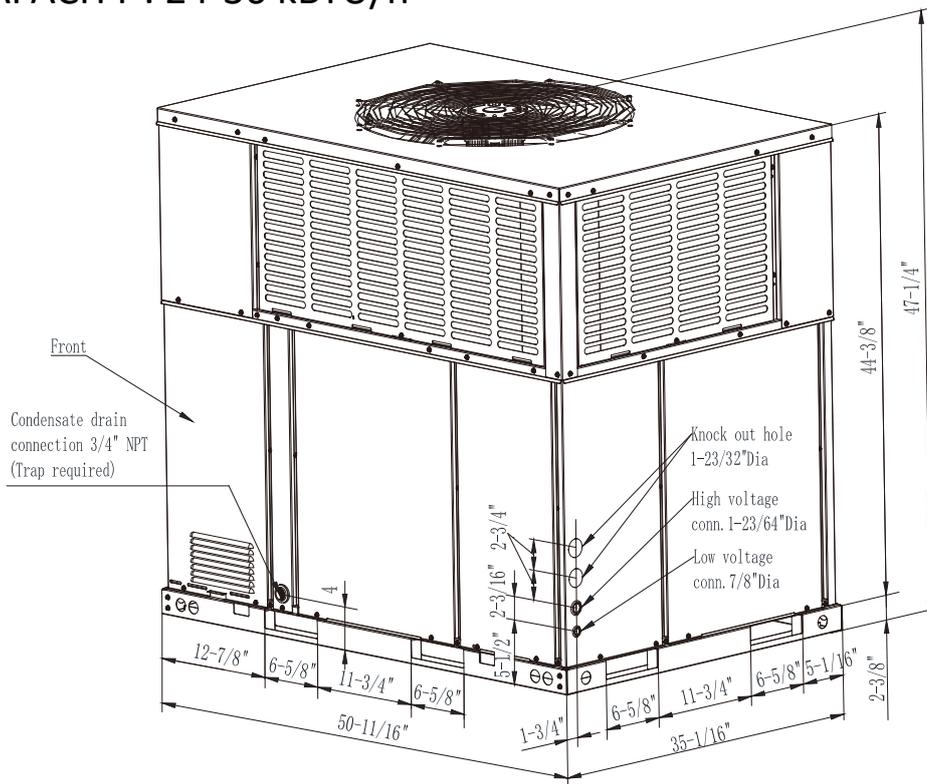
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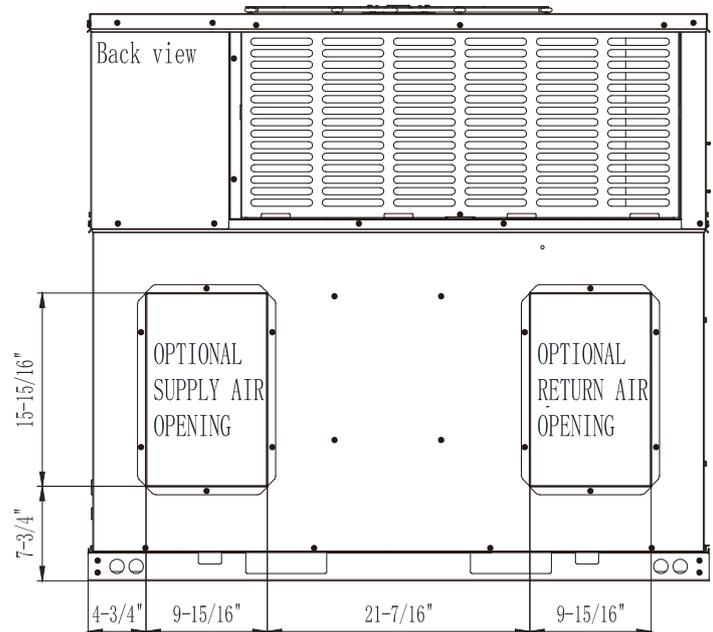
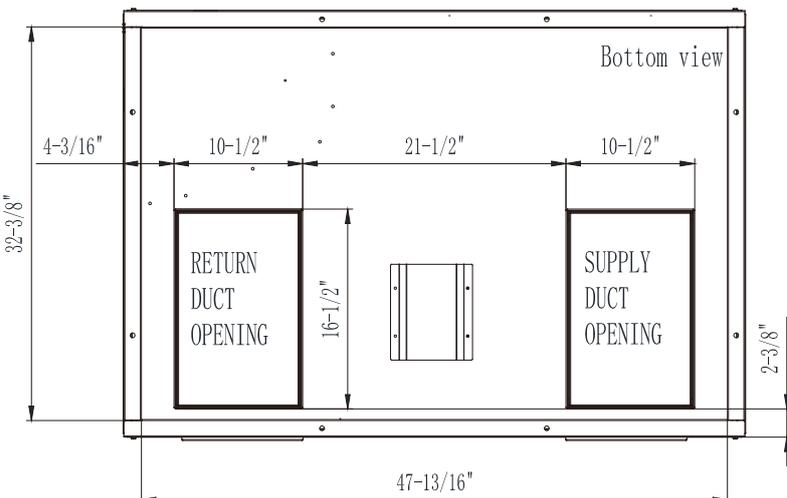
R32 Inverter Heat Pump Packaged Rooftop

CP24HPINV15PU CP36HPINV15PU
CP48HPINV15PU CP60HPINV15PU

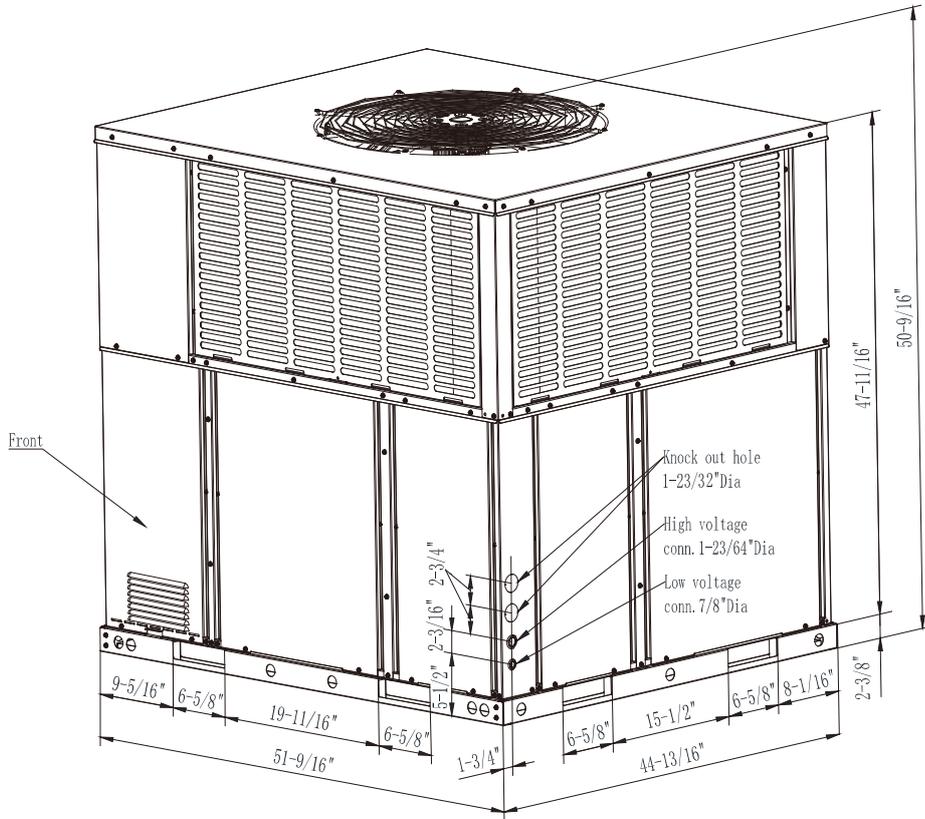
COOLING CAPACITY : 24-36 kBTU/h



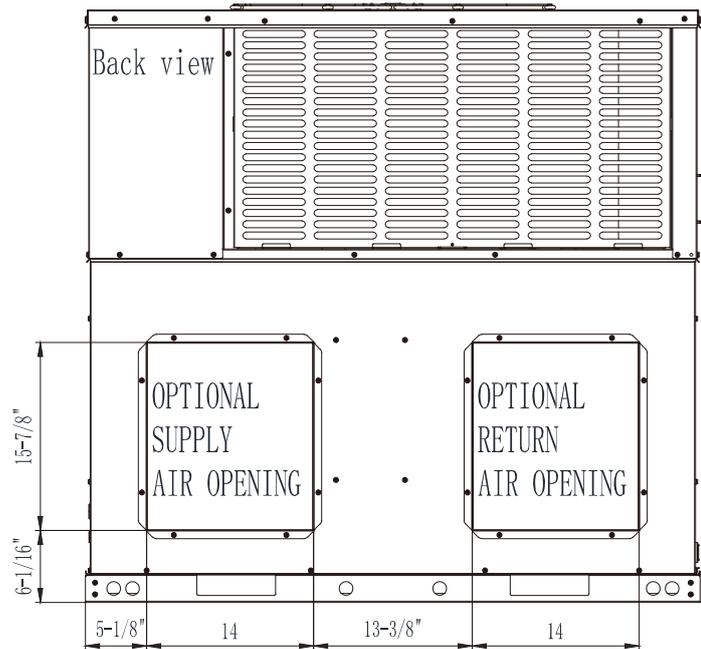
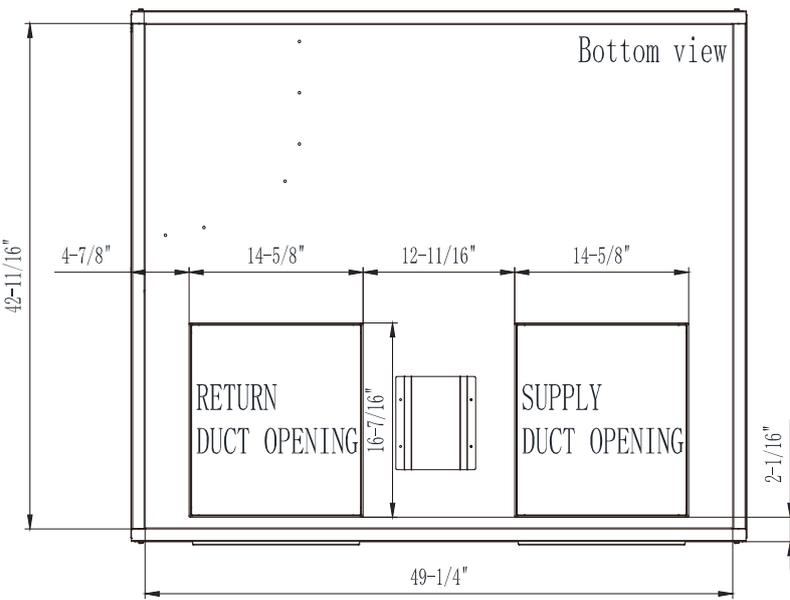
Dimensions - Back and Bottom(24K/36K)



COOLING CAPACITY : 48-60 kBTU/h



Dimensions - Back and Bottom(48K/60K)



Specifications

	CP24HPINV15PU	CP36HPINV15PU	CP48HPINV15PU	CP60HPINV15PU	
NOMINAL CAPACITY					
Cooling (BTU/h)	24,000	34,500	48,000	55,000	
Heating (BTU/h)	24,000	36,000	48,000	55,000	
ELECTRICAL DATA					
Voltage / Phase (60 Hz)	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph	208/230V-1Ph	
Min. / Max. Voltage (V)	173 / 269	173 / 269	173 / 269	173 / 269	
Min. Circuit Amps (MCA) (A)	23.88	29.33	34.33	39.7	
Max. Overcurrent Protection (MOP) (A)	38.2	46.9	54.93	65.9	
COMPRESSOR					
Type	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	
Stage	Variable	Variable	Variable	Variable	
Rated Load Amps (RLA) (A)	16	19	23	27	
Locked Rotor Amps (LRA) (A)	/	/	/	/	
OUTDOOR COIL					
Type	Tube & Fin	Tube & Fin	Tube & Fin	Tube & Fin	
Tube Size (O.D) (in)	9/32	9/32	9/32	9/32	
OUTDOOR FAN MOTOR					
Motor Type	DC	DC	DC	DC	
Capacitor (uF)	/	/	/	/	
Horsepower (HP)	1/3	1/3	1/3	1/3	
Full Load Amps (FLA) (A)	2.1	2.1	2.1	2.1	
Rated RPM	950	950	900	900	
INDOOR COIL					
Type	Tube & Fin	Tube & Fin	Tube & Fin	Tube & Fin	
Tube Size (O.D) (in)	9/32	9/32	9/32	9/32	
INDOOR BLOWER MOTOR					
Motor Type	ECM	ECM	ECM	ECM	
Capacitor (uF)	/	/	/	/	
Horsepower (HP)	1/3	3/5	3/5	3/4	
Full Load Amps (FLA) (A)	1.78	3.48	3.48	3.85	
Rated RPM	750	1030	1030	1080	
REFRIGERATION SYSTEM					
Refrigerant Control	EEV	EEV	EEV	EEV	
Refrigerant Charge (lbs. - oz.)	63.5oz	63.5oz	100.5oz	100.5oz	
SOUND POWER (dB(A))	73	76	75	76	
OPERATION RANGE					
Cooling (°F)	23-125	23-125	23-125	23-125	
Heating (°F)	-4-86	-4-86	-4-86	-4-86	
Dimension & Weight					
Unpacking (W*H*D)	inch	50-45/64×35-3/ 64×46-27/32	50-45/64×35-3/ 64×46-27/32	51-9/16×44-13/ 16×51-7/16	51-9/16×44-13/ 16×51-7/16
Packing (W*H*D)	inch	51-27/64×35-43 /64×48-11/32	51-27/64×35-43 /64×48-11/32	52-9/32×45-7/ 16×51-21/32	52-9/32×45-7/ 16×51-21/32
Net/Gross weight	lb	400/420	400/420	507/525	507/525
Shipping per STD 40HQ		44	44	36	36

Airflow Data

Model Number	Motor Speed	External Static Pressure - Inches W.C.[kPa]										
		0[0]	0.08[0.02]	0.25[0.05]	0.28[0.07]	0.4[0.10]	0.48[0.12]	0.5[0.125]	0.6[0.15]	0.68[0.17]	0.8[0.20]	
24K - 15SEER	Tap(1)	SCFM	850	790	682	623	528	469	464	376	313	219
		Watts	211	208	203	201	197	194	194	190	187	183
		Amps	0.93	0.92	0.9	0.9	0.88	0.87	0.87	0.86	0.86	0.85
	Tap(2)	SCFM	1089	1037	932	875	789	732	717	630	567	458
		Watts	303	299	291	287	281	277	276	269	264	256
		Amps	1.34	1.33	1.3	1.28	1.26	1.25	1.25	1.22	1.21	1.18
	Tap(3)	SCFM	1285	1231	1142	1057	968	911	898	806	745	627
		Watts	389	383	375	365	356	351	350	340	334	322
		Amps	1.74	1.72	1.69	1.66	1.63	1.61	1.6	1.57	1.55	1.51

Model Number	Motor Speed	External Static Pressure - Inches W.C.[kPa]										
		0	0.08[0.02]	0.25[0.05]	0.28[0.07]	0.4[0.10]	0.48[0.12]	0.5[0.125]	0.6[0.15]	0.68[0.17]	0.8[0.20]	
36K - 15SEER	Tap(1)	SCFM	1354	1310	1233	1153	1069	1011	996	908	842	741
		Watts	441	433	417	401	387	377	375	361	350	336
		Amps	1.97	1.94	1.88	1.82	1.77	1.74	1.73	1.68	1.64	1.59
	Tap(2)	SCFM	1471	1423	1341	1275	1160	1100	1086	997	926	822
		Watts	506	494	476	462	440	430	428	413	402	386
		Amps	2.28	2.24	2.18	2.13	2.05	2.01	2	1.95	1.91	1.86
	Tap(3)	SCFM	1582	1527	1442	1377	1244	1181	1163	1080	1003	889
		Watts	616	576	556	541	515	503	500	486	474	456
		Amps	2.8	2.64	2.57	2.52	2.43	2.39	2.38	2.32	2.28	2.22

Model Number	Motor Speed	External Static Pressure - Inches W.C.[kPa]										
		0	0.08[0.02]	0.25[0.05]	0.28[0.07]	0.4[0.10]	0.48[0.12]	0.5[0.125]	0.6[0.15]	0.68[0.17]	0.8[0.20]	
48K - 15SEER	Tap(1)	SCFM	1511	1476	1418	1376	1300	1236	1221	1122	1024	796
		Watts	490	478	461	451	432	417	414	390	371	335
		Amps	2.15	2.1	2.04	2	1.93	1.87	1.86	1.78	1.71	1.58
	Tap(2)	SCFM	1683	1638	1572	1524	1441	1381	1363	1267	1175	904
		Watts	574	557	536	621	499	484	480	457	437	390
		Amps	2.53	2.47	2.39	2.34	2.25	2.2	2.18	2.1	2.03	1.86
	Tap(3)	SCFM	1852	1802	1726	1673	1585	1526	1508	1409	1311	1147
		Watts	677	662	636	619	593	576	572	548	524	488
		Amps	3.02	2.96	2.86	2.8	2.7	2.64	2.62	2.53	2.45	2.32

Model Number	Motor Speed	External Static Pressure - Inches W.C.[kPa]										
		0	0.08[0.02]	0.25[0.05]	0.28[0.07]	0.4[0.10]	0.48[0.12]	0.5[0.125]	0.6[0.15]	0.68[0.17]	0.8[0.20]	
60K - 15SEER	Tap(1)	SCFM	1884	1844	1773	1726	1640	1572	1557	1464	1382	1237
		Watts	674	654	624	601	577	555	549	521	498	460
		Amps	2.93	2.84	2.71	2.62	2.51	2.42	2.39	2.28	2.19	2.04
	Tap(2)	SCFM	1984	1933	1852	1796	1700	1634	1616	1518	1432	1288
		Watts	724	697	667	643	612	593	591	558	533	494
		Amps	3.14	3.02	2.89	2.81	2.68	2.58	2.56	2.45	2.36	2.2
	Tap(3)	SCFM	2069	2019	1928	1864	1765	1699	1680	1580	1493	1338
		Watts	773	750	712	686	660	637	636	606	580	542
		Amps	3.35	3.25	3.11	3.03	2.89	2.81	2.79	2.65	2.56	2.42

□ Bold outlined areas represent airflow outside of the required 300-450 cfm/ton range.

Features

- Quiet horizontal discharge.
- Compatible with side and bottom air discharge.
- Power-painted galvanized steel cabinet.
- Electric heat kit available as a field-installed option: 5/8/10/15/20kW.
- High-efficiency compressors operate smoothly, quietly, and consistently.
- Internal safeguards protect the compressor against high and low pressure, and coil temperature.
- Aluminum tube/aluminum fin coil.
- High-efficiency ECM blower motor.
- AHRI Certified and ETL listed.
- Uses more environmentally friendly R32 refrigerant.
- Full DC variable speed condenser motor, more efficient, smarter, and quieter.



Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.