

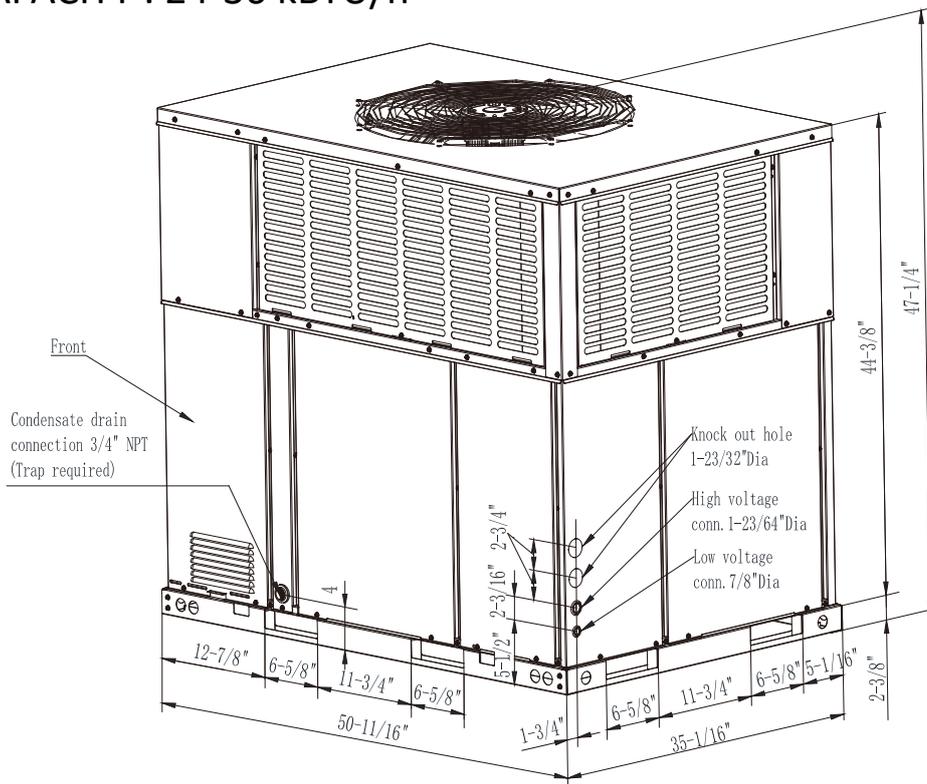
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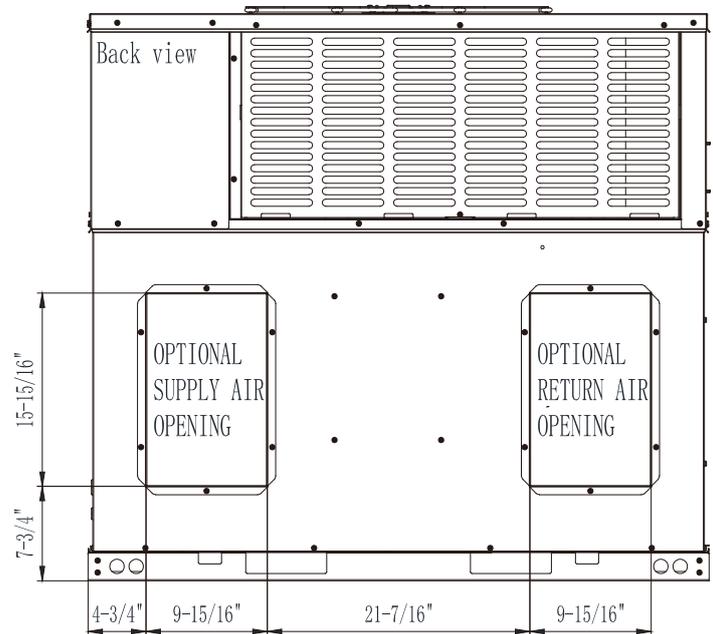
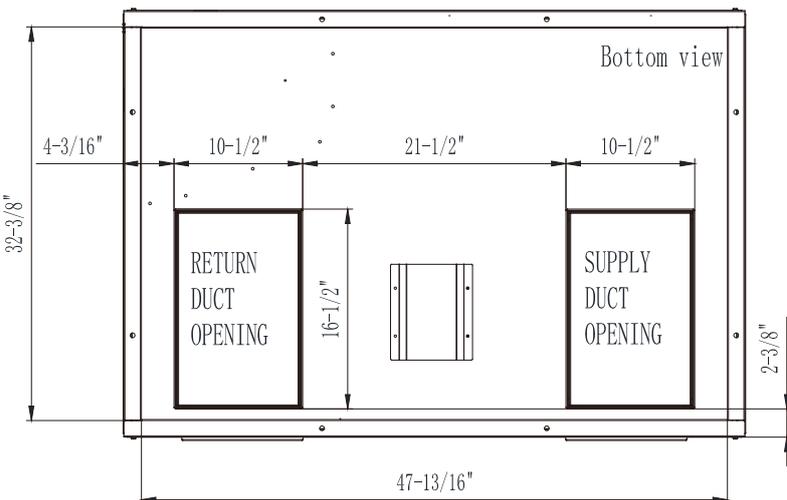
R32 Inverter Heat Pump Packaged Rooftop

CP24HPINV19PU CP36HPINV19PU
CP48HPINV19PU CP60HPINV19PU

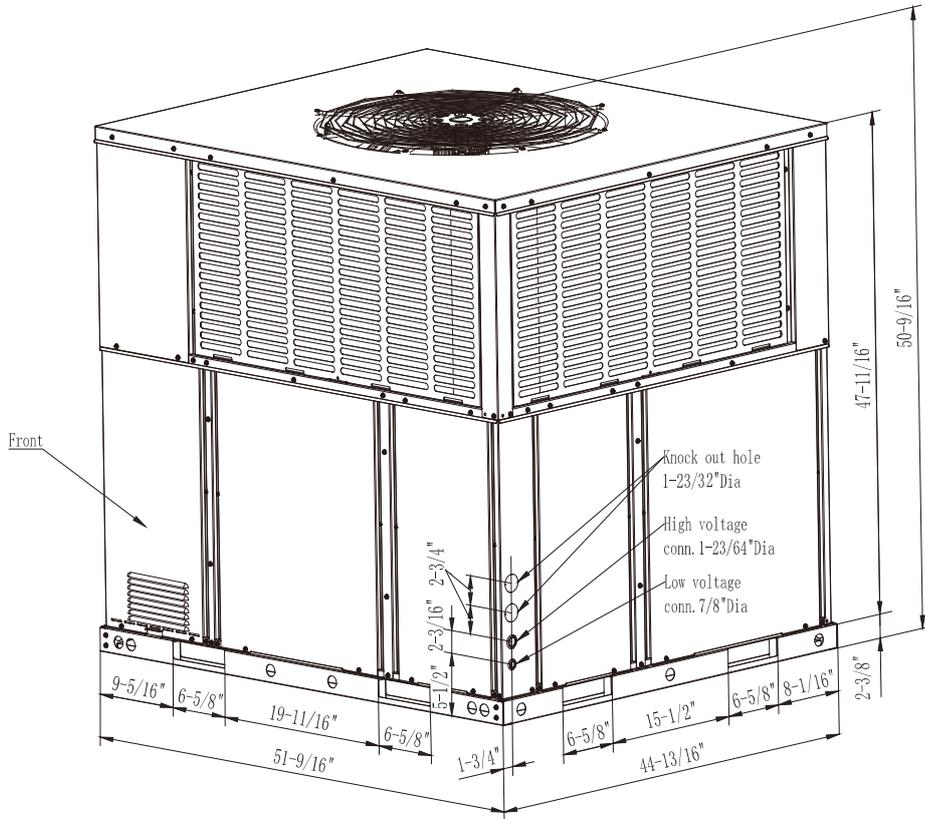
COOLING CAPACITY : 24-36 kBTU/h



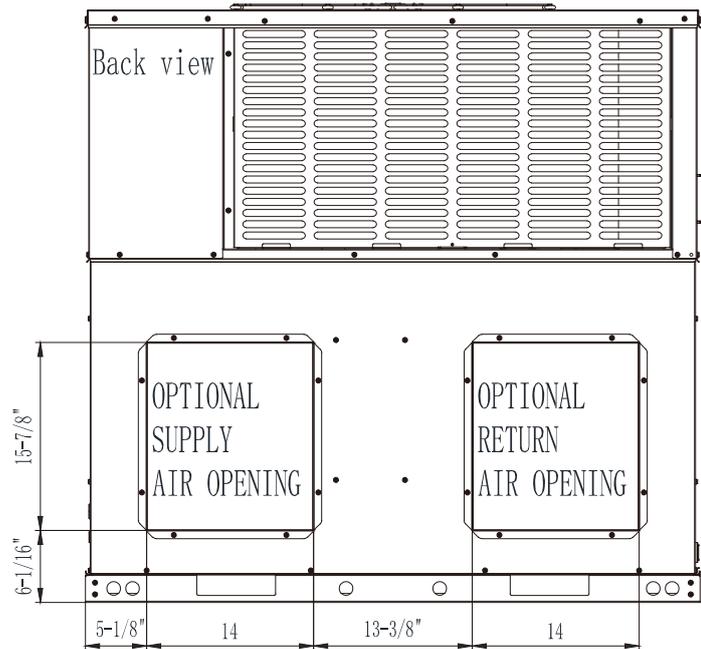
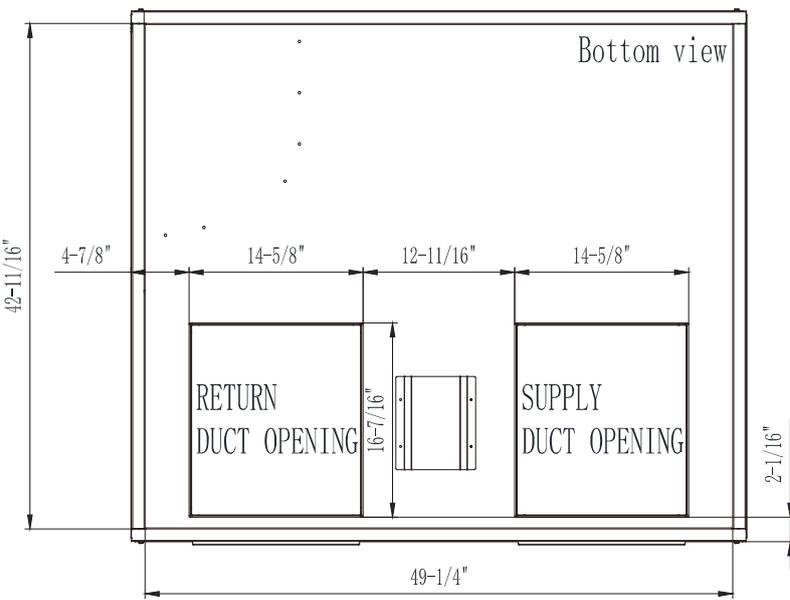
Dimensions - Back and Bottom(24K/36K)



COOLING CAPACITY : 48-60 kBTU/h



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



Specifications

	CP24HPINV19PU	CP36HPINV19PU	CP48HPINV19PU	CP60HPINV19PU	
NOMINAL CAPACITY					
Cooling (BTU/h)	24,000	34,200	48,000	55,000	
Heating (BTU/h)	25,000	34,200	48,000	57,000	
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)	25.9	29.65	36.25	41.25	
Max. Overcurrent Protection (MOP) (A)	41.44	47.44	58.00	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)	1/2	1/2	3/4	3/4	
Full Load Amps (FLA) (A)	3.8	3.8	5.4	5.4	
Rated RPM	1050	1050	1050	1050	
REFRIGERATION SYSTEM					
Refrigerant Control	EEV	EEV	EEV	EEV	
Refrigerant Charge (lbs. - oz.)	102.35oz	102.35oz	169.3oz	169.3oz	
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	415/428	415/428	551/569	551/569
Shipping per STD 40HQ		44	44	36	36

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]	
24K	Tap(1)	SCFM	875	809	703	637	543	479	464	384	333	303
		Watts	89	93	100	104	109	113	114	117	118	120
		Amps	0.86	0.89	0.93	0.96	1.02	1.05	1.06	1.09	1.12	1.12
	Tap(2)	SCFM	1049	991	901	842	762	708	695	628	579	499
		Watts	140	145	152	156	163	166	167	173	178	184
		Amps	1.28	1.32	1.37	1.41	1.46	1.49	1.5	1.54	1.58	1.63
	Tap(3)	SCFM	1184	1136	1059	1000	925	874	862	804	759	691
		Watts	195	200	207	214	222	227	230	234	238	246
		Amps	1.64	1.68	1.74	1.79	1.86	1.91	2	2.04	2.03	2.06
	Tap(4)	SCFM	1354	1312	1248	1197	1122	1077	1067	1010	970	913
		Watts	283	288	295	301	312	318	320	327	332	340
		Amps	2.38	2.41	2.48	2.53	2.62	2.66	2.67	2.71	2.75	2.86
	Tap(5)	SCFM	1507	1466	1405	1368	1296	1255	1245	1196	1157	1100
		Watts	529	540	556	566	581	592	594	607	619	635
		Amps	3.22	3.26	3.34	3.39	3.48	3.55	3.56	3.63	3.68	3.8

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	Tap(1)	SCFM	875	809	703	637	543	479	464	384	333	303
		Watts	89	93	100	104	109	113	114	117	118	120
		Amps	0.86	0.89	0.93	0.96	1.02	1.05	1.06	1.09	1.12	1.12
	Tap(2)	SCFM	1049	991	901	842	762	708	695	628	579	499
		Watts	140	145	152	156	163	166	167	173	178	184
		Amps	1.28	1.32	1.37	1.41	1.46	1.49	1.5	1.54	1.58	1.63
	Tap(3)	SCFM	1184	1136	1059	1000	925	874	862	804	759	691
		Watts	195	200	207	214	222	227	230	234	238	246
		Amps	1.64	1.68	1.74	1.79	1.86	1.91	2	2.04	2.03	2.06
	Tap(4)	SCFM	1354	1312	1248	1197	1122	1077	1067	1010	970	913
		Watts	283	288	295	301	312	318	320	327	332	340
		Amps	2.38	2.41	2.48	2.53	2.62	2.66	2.67	2.71	2.75	2.86
	Tap(5)	SCFM	1507	1466	1405	1368	1296	1255	1245	1196	1157	1100
		Watts	529	540	556	566	581	592	594	607	619	635
		Amps	3.22	3.26	3.34	3.39	3.48	3.55	3.56	3.63	3.68	3.8

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	Tap(1)	SCFM	1177	1113	1043	992	913	861	848	783	731	653
		Watts	125	128	140	145	154	160	162	169	175	185
		Amps	1.2	1.23	1.31	1.36	1.42	1.47	1.48	1.54	1.59	1.65
	Tap(2)	SCFM	1427	1378	1321	1276	1212	1173	1166	1108	1066	1004
		Watts	208	212	226	233	244	252	254	263	271	282
		Amps	1.87	1.91	2.01	2.07	2.15	2.21	2.24	2.29	2.37	2.44
	Tap(3)	SCFM	1728	1695	1644	1609	1553	1528	1522	1478	1444	1400
		Watts	358	367	380	389	401	411	412	425	437	445
		Amps	3.04	3.11	3.2	3.27	3.36	3.45	3.46	3.55	3.64	3.7
	Tap(4)	SCFM	1937	1904	1858	1826	1783	1755	1748	1708	1677	1656
		Watts	498	507	522	531	547	558	562	575	586	594
		Amps	4.08	4.16	4.27	4.33	4.48	4.52	4.55	4.65	4.74	4.79
	Tap(5)	SCFM	1978	1951	1909	1878	1833	1802	1792	1752	1723	1677
		Watts	529	540	556	566	581	592	594	607	619	635
		Amps	4.27	4.35	4.46	4.53	4.65	4.73	4.74	4.87	4.96	5.07

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	Tap(1)	SCFM	1177	1113	1043	992	913	861	848	783	731	653
		Watts	125	128	140	145	154	160	162	169	175	185
		Amps	1.2	1.23	1.31	1.36	1.42	1.47	1.48	1.54	1.59	1.65
	Tap(2)	SCFM	1427	1378	1321	1276	1212	1173	1166	1108	1066	1004
		Watts	208	212	226	233	244	252	254	263	271	282
		Amps	1.87	1.91	2.01	2.07	2.15	2.21	2.24	2.29	2.37	2.44
	Tap(3)	SCFM	1728	1695	1644	1609	1553	1528	1522	1478	1444	1400
		Watts	358	367	380	389	401	411	412	425	437	445
		Amps	3.04	3.11	3.2	3.27	3.36	3.45	3.46	3.55	3.64	3.7
	Tap(4)	SCFM	1937	1904	1858	1826	1783	1755	1748	1708	1677	1656
		Watts	498	507	522	531	547	558	562	575	586	594
		Amps	4.08	4.16	4.27	4.33	4.48	4.52	4.55	4.65	4.74	4.79
	Tap(5)	SCFM	1978	1951	1909	1878	1833	1802	1792	1752	1723	1677
		Watts	529	540	556	566	581	592	594	607	619	635
		Amps	4.27	4.35	4.46	4.53	4.65	4.73	4.74	4.87	4.96	5.07

□ 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.