



## Vertex Series INVERTER PACKAGE ROOFTOP UNITS

Model			CP24HPINV19PU	CP36HPINV19PU	CP48HPINV19PU	CP60HPINV19PU
Power supply		V-Ph-Hz	208~230V/1PH/60HZ	208~230V/1PH/60HZ	208~230V/1PH/60HZ	208~230V/1PH/60HZ
Cooling	Capacity	Btu/h	24000	34200	48000	55000
	Input	kW	1.97	3.17	4.29	5.19
	Current	A	8.64	13.91	19.01	23.02
	SEER2	Btu/W	19.00	18.50	19.00	18.50
	EER2	Btu/W	12.20	10.80	11.20	10.60
Heating	Capacity	Btu/h	25000	34200	48000	57000
	Input	kW	2.10	2.85	3.84	4.96
	Current	A	9.23	12.52	17.04	21.99
	HSPF2	Btu/h.W	9.50	8.20	9.00	8.80
Min. Brch. Cir. Ampacity		A	25.90	29.65	36.25	41.25
Max. Overcurrent Protection		A	41.44	47.44	58.00	65.90
Min. / Max. Volts		V	173 / 269	173 / 269	173 / 269	173 / 269
Fuse Size - Max. / Recmd. (amps)		A	40.00	45.00	55.00	60.00
Compressor	Brand		GMCC	GMCC	GMCC	GMCC
	Type		DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Model		KTM240D57UMT	KTM240D57UMT	KTQ420D41SN5A1	KTQ420D41SN5A1
	R.L. Amps		16.00	19.00	23.00	27.00
Refrigerant type	Type		R32	R32	R32	R32
	oz(kg)		102.3(2.9)	102.3(2.9)	169.3(4.80)	169.3(4.80)
Indoor air flow(H)		CFM	860	1120	1680	1710
Outdoor Coil	Rows		3+2	3+2	3+3	3+3
	Tube Size	in.	9/32	9/32	9/32	9/32
	Circuitry Type		Interlaced	Interlaced	Interlaced	Interlaced
	Refrigerant Control		EEV	EEV	EEV	EEV
Indoor Coil	Rows		4	4	4	4
	Tube Size	in.	9/32	9/32	9/32	9/32
	Circuitry Type		interlaced	interlaced	interlaced	interlaced
	Drain Conn. Size (in.)		3/4" Female NPT	3/4" Female NPT	3/4" Female NPT	3/4" Female NPT
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Dia.	in.	23-5/8"	23-5/8"	26-3/8"	26-3/8"
	Drive/No. Speeds		Direct / 9	Direct / 9	Direct / 9	Direct / 9
	CFM		3200@0.0 in. w.g.	3200@0.0 in. w.g.	4300@0.0 in. w.g.	4300@0.0 in. w.g.
	Motor - HP/R.P.M.		1/3HP/200~950R.P.M.	1/3HP/200~950R.P.M.	1/3HP/200~900R.P.M.	1/3HP/200~900R.P.M.
	F.L. Amps/L.R. Amps	A	2.1/-	2.1/-	2.1/-	2.1/-
Indoor Fan	Type		Centrifugal	Centrifugal	Centrifugal	Centrifugal
	Dia x Width	in.	11x10-3/4"	11x10-3/4"	11x10-5/8"	11x10-5/8"
	Drive/No. Speeds		Direct / 5	Direct / 5	Direct / 5	Direct / 5
	CFM		860@0.50 in. w.g.	1120@0.50 in. w.g.	1680@0.50 in. w.g.	1710@0.50 in. w.g.
	Motor - HP/R.P.M.		1/2HP/1050R.P.M.	1/2HP/1050R.P.M.	3/4HP/1050R.P.M.	3/4HP/1050R.P.M.
	F.L. Amps/L.R. Amps	A	3.8/-	3.8/-	5.4/-	5.4/-
Dimension	Unit (W*D*H)	mm	1288x890x1190	1288x890x1190	1310x1138x1306	1310x1138x1306
		in	50-45/64x35-3/64x46-27/32	50-45/64x35-3/64x46-27/32	51-9/16x44-13/16x51-7/16	51-9/16x44-13/16x51-7/16
	Packing (W*D*H)	mm	1306x906x1228	1306x906x1228	1328x1154x1312	1328x1154x1312
		in	51-27/64x35-43/64x48-11/32	51-27/64x35-43/64x48-11/32	52-9/32x45-7/16x51-21/32	52-9/32x45-7/16x51-21/32
Net / Gross weight		kg	188/194	188/194	250/258	250/258
		lbs	415/428	415/428	551/569	551/569
Filter / Furnished	Recmd. Face Area (L x W x D)	in.	16"x10"x1"	16"x10"x1"	16"x14"x1"	16"x14"x1"
Operation temp range	Cooling	°C/°F	-5-52/23-125	-5-52/23-125	-5-52/23-125	-5-52/23-125
	Heating	°C/°F	-20-30/-4-86	-20-30/-4-86	-20-30/-4-86	-20-30/-4-86
Stuffing QTY(40HQ)		Set	44	44	36	36