

Up To
18
SEER2



232



Intertek
5016045

**FULL DC
INVERTER**



EPK-18 SERIES
PACKAGE UNIT SYSTEM
INVERTER

EPK-18 Series

EPK-18 Series Technical Sheet

Model		EPKH03625HA-18		EPKH05725HA-18	
Cooling	Capacity	Btu/h	36000 (14000-45000)	57000 (18300-60000)	
	Capacity (Min-Max)	W	4100-13100	5300-17500	
	Input	W	3390	5380	
	Current	A	15	23.2	
	SEER2	Btu/W-h	18.5	17	
	EER2	Btu/W-h	10.6	10.6	
Heating	Capacity	Btu/h	36000 (11600-53000)	57000 (18300-60000)	
	Capacity (Min-Max)	W	3600-12600	5100-16900	
	Capacity Heating (Rated) @47°F / 17°F	Btu/h	36000 / 25000	57000 / 35000	
	Maximum Heating Capacity @5°F	Btu/h	26500	41000	
	Cop @5°F (Under Maximum Capacity)	W/W	1.9	1.8	
	Input	W	2990	5040	
	Current	A	13	21.6	
	HSPF2	Btu/W-h	8.5	8.1	
COP2	W/W / Btu/W-h	3.52 / 12	3.3 / 11.3		
Moisture Removal		Pts/h / L/h	8.92 / 4.22	6.77 / 11.9	
Electrical	Min. Ampacity	A	24	39	
	Max. Td Fuse/Breaker	A	40	55	
Thermostat Type			Common 24V Thermostat	Common 24V Thermostat	
Indoor Fan Motor	Qty		1	1	
	Model		ZKSN-560-10-1	GL-B400E-DC-F05(2001)	
	Output	W	560	800	
	Rla	A	3	3.6	
	Winding Resistance	Ω	4.13±7%	5.67±10%	
	Speed	r/min	1310	1350	
Indoor Air Flow Rated		CFM / m³/h	1200 / 2040	1700 / 2890	
Indoor Coil	Number Of Rows		4	5	
	Tube Pitch (A)	in/mm	0.83 / 21	0.866 / 22	
	Row Pitch (B)	in/mm	0.54 / 13.6	0.750 / 19.05	
	Fin Spacing	mm	1.4	1.6	
		Fins Per in	18	16	
	Fin Type		Hydrophilic Aluminium	Hydrophilic Aluminium	
	Tube Outside Diameter And Type	mm	Φ7 Innergroove Tube	Φ8 Innergroove Tube	
Coil Dimension (W×H×D)	in/mm	26-1/2×16-1/2×2-1/8 / 672×420×54.4	19 11/16×38 1/8×3 3/4 / 500×968×95.25		
Number Of Circuits		5	11		
Esp	Rated	In.W.C./Pa	0.58 (145)	0.58 (145)	
	Range	In.W.C./Pa	0-0.8 (0-200)	0-0.8 (0-200)	
Throttle Type			EEV	EEV	
Drainage Water Pipe Diameter		in	3/4 NPT	3/4 NPT	
Outdoor Fan Motor	Type		DC	DC	
	Model		ZWB4710L23A	MWS750-8A-PD22	
	Qty		1	1	
	Output	W	200	800	
	Speed (Hi)	r/min	1100	1100	
Outdoor Coil	Number Of Rows		2	3	
	Tube Pitch (A)	in/mm	0.79 / 20	0.866 / 22	
	Row Pitch (B)	in/mm	0.68 / 17.32	0.75 / 19.05	
	Fin Spacing	mm	1.4	1.4	
		Fins Per in	18	18	
	Coil Dimension (W×H×D)	in/mm	70-7/8×26-3/4×1-3/8 / 1800×680×34.64	67×41 5/8×2 5/16 / 1700×1056×57.15	
	Fin Type		Hydrophilic Aluminium	Hydrophilic Aluminium	
	Tube Outside Diameter And Type		Φ7.94 Innergroove Tube	Φ7 Innergroove Tube	
Number Of Circuits		8	12		
Outdoor Air Flow		CFM / m³/h	3412 / 5800	4700 / 8000	
Outdoor Noise Level (Sound Pressure) Hi		dB(A)	76.3	84	
Outdoor Throttle Type			EEV	EEV	
Compressor	Model		KTF310D43UMT	DC	
	Brand		GMCC	GMCC	
	Type		Twin ROTARY	Hermetic/Rotary	
	Capacity	Btu/h	34154	47000	
	Input	W	2765	3640	
	Rated Current	A	5.38	6.9	
	Refrigerant Oil	ml	VG74/1000	1400	
Refrigerant	Charge / Type	oz/kg	77.6 / 2.2 / R32	186.9 / 5.3 / R32	
Outdoor Unit	Dimension (W×H×D)	in/mm	51×31-1/4×43-1/4 / 1295×795×1100	57-1/8×47-1/4×43-3/8 / 1450×1200×1100	
	Packing (W×H×D)	in/mm	51-1/8×33-1/2×33-3/4 / 1300×856×1105	57-1/8×47-1/4×43-3/8 / 1455×1300×1105	
	Net Weight	lbs / kg	404.5 / 183.5	697 / 316	
	Shipping Weight	lbs / kg	411.5 / 186.6	705 / 320	
Design Pressure	H/L	PSIG / MPa	550/240 / 3.79/1.65	550/240 / 3.79/1.65	
Operating Temperature Range	Cooling	°F / °C	50~125 / 10~52	50~118 / 10~48	
	Heating	°F / °C	-4~75 / -20~24	-4~75 / -20~24	
Packaging	Qty Per 20' / 40' / 40'Hq (Outdoor Unit)	Set	16/36/54	8/16/32	