



NEW PRODUCT RELEASE

ESP-K SERIES

Horizontal & Vertical
DX Fan Coil



STANDARD FEATURES:

- A2L Refrigerant Sensors (R-32/R-454B)
- Compatible with both R-32 or R-454B (No Adjustment or Rework Required)
- Red K Series Control Board Indicates A2L Refrigerant Compliance
- 2-Line Display for Easier Setup
- High Efficiency EC Integrated Motor/ Blower Assembly
- Mode Specific Adjustable Speed Control
- Heat Pump Compatible
- Chatleff Thermal Expansion Valve
- Slide Out Blower
- Sweat-Type Refrigerant Connections
- 24V 50/60hz Transformer
- Industry-Leading Corrosion-Resistant Cabinet
- Float Switch
- Mold Resistant Primary Drain Pan
- Anti-Vibration Foam Strips

ESP K - HORIZONTAL MODEL



ESP KV - VERTICAL MODEL



ESP K - HORIZONTAL MODEL

	Model	ESP2430KHZA		ESP3642KHZA		ESP4860KHZA	
Capacity	Nominal Tons	2-2 1/2		3-3 1/2		4-5	
	BTU/hr	24,000-30,000		36,000-42,000		48,000-60,000	
	kW	7.0-8.8		10.5-12.3		14.1-17.6	
	CFM @ 1.2" W.C.	440	550	660	850	880	1150
	m³/hr @ 299 Pa	748	935	1121	1444	1495	1954
Dimensions	Height (in/mm)	14.125 / 359					
	Width (in/mm)	24.25 / 616		33.25 / 845		43.25 / 1099	
	Length (in/mm)	29.375 / 746					
	Ship Weight (lbs/kg)	105 / 47.6		123 / 55.8		144 / 65.3	
Connections	Suction (O.D.)	7/8 in					
	Liquid (O.D.)	3/8 in					
	Cond Drain (NPT)	3/4 in					
	Return Inlet Diameter (in/mm)	15 / 381		19 / 483		24 / 610	
Coil	Rows	6					
	Refrigerant Type	R-32 / R-454B					
Motor	H.P. [kW]	3/4 [.56]					
	Type	EC					
	Wheel Diameter and Width (in)	10 x 6					
	Wheel Diameter and Width (mm)	254 x 153					
Electrical Data	Volts*	230 / 115					
	Ph	1					
	Hz**	50 / 60					
	F.L. Amps @230V	2.8		4		5.4	
	F.L. Amps @115V	5.6		7.6		10.6	

*Units are shipped standard @230v. Field conversions fit provided for 115v supply voltage.

**Unit transformer and motor are capable of 50 or 60hz.

ESP KV - VERTICAL MODEL

	Model	ESP2430KVZA		ESP3642KVZA		ESP4860KVZA	
Capacity	Nominal Tons	2-2 1/2		3-3 1/2		4-5	
	BTU/hr	24,000-30,000		36,000-42,000		48,000-60,000	
	kW	7.0-8.8		10.5-12.3		14.1-17.6	
	CFM @ 1.2" W.C.	440	550	660	850	880	1150
	m³/hr @ 299 Pa	748	935	1121	1444	1495	1954
Dimensions	Height (in/mm)	34 / 864					
	Width (in/mm)	24 / 610		33 / 839		43 / 1092	
	Length (in/mm)	16.125 / 410					
	Ship Weight (lbs/kg)	135 / 61.2		170 / 77.1		210 / 95.3	
Connections	Suction (O.D.)	7/8 in					
	Liquid (O.D.)	3/8 in					
	Cond Drain (NPT)	3/4 in					
	Return Inlet Diameter (in/mm)	15 / 381		19 / 483		24 / 610	
Coil	Rows	6					
	Refrigerant Type	R-32 / R-454B					
Motor	H.P. [kW]	3/4 [.56]					
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