

PKS 30X2 | AIR/AIR HEAT EXCHANGERS

22 & 45 W/°C

The PKS Mini series Air/Air Heat Exchangers are ideal for the replacement of a Filterfan® solution when the ambient air is too contaminated to enter the cabinet. Available in 2 models; **PKS 3042**, **PKS 3092**

PFANNENBERG KINETIC SYSTEM™



Uses next generation cooling technology that out-performs conventional heat exchanger and/or heat pipe solutions.

Closed Loop Design

Designed to isolate the external ambient air from the internally conditioned air eliminating the risk of contaminants entering the cabinet.

Efficiency

High performance/cost ratios due to innovative use of advanced heat transfer and manufacturing technologies.

Space Saving Design

Thin profile with minimum intrusion into enclosure.

Easy Installation

Minimum number of penetrations by cover fasteners, mounting fasteners and external wires.

Rugged Design

Powder coated aluminum mounting plate with stainless steel covers.

Multiple Mounting Options

Aluminum mounting plate can be mounted on the top, side, front or back.



Multiple Electrical Configurations

115 VAC units arrive with 6 ft long 3-pronged plug. DC units arrive with bare lead wires. Other voltages available upon request.

Environment

Indoor or outdoor use.

Reduced Fan Maintenance

UL Listed 6.0" dual axial ball bearing fans for years of maintenance free operation (dry & wet locations).

NEMA Rating

Type 4 & 4X.

UL Listed & Recognized

The 115 VAC units are UL listed.

Warranty

One year warranty.



PKS Mini 30X2 (22 & 45 Watts/°C) Heatsink Air/Air Heat Exchangers

Model Number	Part Number	Voltage 60 Hz (VAC)	Specific Cooling Capacity		Cooling Capacity @ $\Delta T = 20^{\circ}\text{C}$ (BTU/hr)	Power Consumption (Watts)	Nominal Run Current (Amps)	Width (Inches)	Depth (Inches)	Height (Inches)	Weight (without packaging) (lbs)
			(W/°C)	(W/°F)							
PKS 3042	12480112009	115	22	12	1,400	82	0.72	12	7.89	12	17
PKS 3092	12480212009	115	45	25	3,000	163	1.44	12	7.89	22.75	35
IP Rating:	ONLY available as washdown (NEMA Type 4/4X) design										

Additional Data	PKS Mini 30X2
Ambient Temp. Range (°F)	-25°C to +55°C (-13°F to +131°F)
Control Range (°F)	N/A
Design	Mounting Plate: powder coated aluminum / Cover: 316 stainless steel

*115 VAC units are only 60 Hz rated.



For additional technical data,
drawings and templates.
www.pfannenbergusa.com

Subject to technical amendments and misprints.

Available Models:



PKS 3092



PKS 3042

Cooling Capacity Performance Curve

