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		@ \( \text{DT} = 20°C	Consumption	Nominal Run Current	Width (Inches)	Depth (Inches)	Height (Inches)	Weight (without packaging)
			(W/°C)	(W/°F)	(BTU/hr)	(Watts)	(Amps)	(IIICHES)	(11101165)	(IIICITES)	(lbs)
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					

<sup>\*115</sup> VAC units are only 60 Hz rated.



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

Subject to technical amendments and misprints.

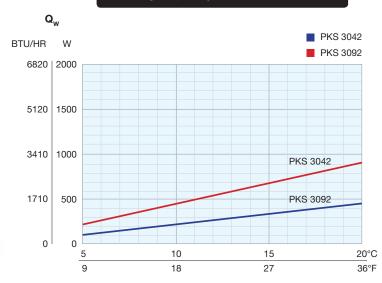
# Available Models:



**PKS 3092** 

**PKS 3042** 

# **Cooling Capacity Performance Curve**



Temperature Difference  $\Delta T$