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Air to Air Heat Exchangers - Type 12 *PKS12 Series*



Description

- Designed for indoor applications.
- Air to air heat exchangers provide superior technology when there is a lower surrounding air temperature compared to the target internal temperature (difference of at least 10°C/18°F).
- Closed loop cooling ensures clean enclosure air is recirculated without ever mixing with contaminated ambient air.
- Superior energy efficiency and lower maintenance costs versus air conditioners.

Standards

- Maintains enclosure's NEMA 12 rating
- IP 54
- UR, cUR and CE

Features

- Compact Standard Size: 35"H x 12"W x 11"D
- R134a refrigerant.
- Thermostat control accessible from inside enclosure.
- EMI/RFI suppression meets CE.
- Door contact provision for power down when enclosure door is opened.
- Gasket, mounting kit and template for cutout and drilling are included.
- Can be mounted vertically or horizontally for application flexibility.
- Cover finished in Light Gray (RAL7035) powder coated steel.
- See Manual/Technical Data Sheet for drilling template and full electrical specifications.

Part No.	Voltage - Frequency	Cooling Capacity		Sample Performance $\Delta T = 20^{\circ}\text{C}/36^{\circ}\text{F}$
		W/°C	W/°F	
PKS3131A115LG	115V 60 Hz	65	36	1300W (4400BTU)
PKS3131A230LG	230V 50/60 Hz	65	36	1300W (4400BTU)
PKS3131A460LG	400/460V 50/60 Hz	65	36	1300W (4400BTU)
PKS3201A115LG	115V 60 Hz	100	56	2000W (6800BTU)
PKS3201A230LG	230V 50/60 Hz	100	56	2000W (6800BTU)
PKS3201A460LG	400/460V 50/60 Hz	100	56	2000W (6800BTU)
PKS3301A115LG	115V 60 Hz	150	83	3000W (10200BTU)
PKS3301A230LG	230V 50/60 Hz	150	83	3000W (10200BTU)
PKS3301A460LG	400/460V 50/60 Hz	150	83	3000W (10200BTU)
PKS3361A115LG	115V 60 Hz	180	100	3600W (12200BTU)
PKS3361A230LG	230V 50/60 Hz	180	100	3600W (12200BTU)
PKS3361A460LG	400/460V 50/60 Hz	180	100	3600W (12200BTU)

Actual cooling performance based on difference (ΔT) between ambient and target internal temperature.

Data subject to change without notice

