POLARCRAFT
REFRIGERATION PRODUCTS

Future-Ready Refrigeration Platform

(A1 & A2L Compatible)

1/2 to 6 HP Air-Cooled Condensing Units



- ☑ Dual Refrigerant Compatibility (A1 & A2L)
- ☑ High AWEF Efficiency (Exceeds DOE Standards)
- ☑ Rated for Indoor & Outdoor Operation

ENGINEERED ADVANTAGES:

- Optimized refrigerant circuit for reduced charge
- A2L-ready safety integrated design
- Compact, durable construction for high ambient conditions
- Rifled copper tubing/aluminum fin high efficiency condenser coils
- High efficiency and reliable fan motor(s)
- Powder coated steel base and housing to prevent corrosion from harsh environment
- Crankcase heater for outdoor applications
- High and low fixed pressure controls for all units
- Liquid line and suction line base mounted service valves with pressure ports at the unit outlets for easy access
- Liquid line filter/drier
- Low pressure bypass time delay relay to prevent compressor short-cycling
- Factory pre-wired units for system pump-down operation

TECHNICAL SPECIFICATIONS:

- Scroll compressors
- 208-230V/1Ph/60Hz
- 208-230V/3Ph/60Hz
- 460V/3Ph/60Hz
- Available for R454A, R454C, and R448A refrigerants

OPTIONS:

- Coated condenser for corrosion resistance
- Floating head control for electronic control and electric expansion valve (EEV) systems
- Suction line filter
- Suction line accumulator
- Fused or non-fused disconnect
- Phase loss/low voltage monitor

c UL us LISTED

MADE IN U. S. A.

www.polarcraftinc.com

Polarcraft Refrigeration Products, a division of Refrigeration Design Technologies, Inc. Waxahachie, Texas USA (800) 736-9518

POLARCRAFT
REFRIGERATION PRODUCTS

AWEF Performance Ratings

Model	Medium Temperature					
	R454A (*F)		R454C (*E)		R448A (*A)	
	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor
PAM011YS1*	8.16	6.68	7.60	5.61	7.60	5.61
PAM011YT3*	8.16	6.68	7.60	5.61	7.60	5.61
PAM014YS1*	8.23	6.34	7.60	5.61	7.60	5.61
PAM014YT3*	8.23	6.34	7.60	5.61	7.60	5.61
PAM017YS1*	8.23	6.34	7.60	5.61	7.60	5.61
PAM017YT3*	8.11	6.34	7.60	5.61	7.60	5.61
PAM021YS1*	8.11	6.34	7.60	5.61	7.60	5.61
PAM021YT3*	8.65	6.53	7.60	5.61	7.60	5.61
PAM026YS1*	8.65	6.53	7.60	5.61	7.60	5.61
PAM026YT3*	8.21	5.95	7.60	5.61	7.60	5.61
PAM033YS1*	8.21	5.95	7.60	5.61	7.60	5.61
PAM033YT3*	7.91	5.91	7.60	5.61	7.60	5.61
PAM040YT3*	8.60	6.20	7.60	5.61	7.60	5.61
Model	**Low Temperature**					
	R454A (*F)		R454C (*E)		R448A (*A)	
	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor
PAL004YS1*	3.12	2.17	3.12	2.17	3.12	2.17
PAL004YT3*	3.12	2.17	3.12	2.17	3.12	2.17
PAL007YS1*	3.15	2.40	3.15	2.40	3.15	2.40
PAL007YT3*	3.15	2.40	3.15	2.40	3.15	2.40
PAL010YS1*	3.15	2.40	3.15	2.40	3.15	2.40
PAL010YT3*	3.15	2.40	3.15	2.40	3.15	2.40
PAL013YS1*	3.15	2.40	3.15	2.40	3.15	2.40
PAL013YT3*	3.15	2.40	3.15	2.40	3.15	2.40
PAL015YT3*	3.15	2.40	3.15	2.40	3.15	2.40
PAL019YT3*	3.15	2.40	3.15	2.40	3.15	2.40

PAM Series with AWEF rating:
This refrigeration system is designed and certified for use in walk-in cooler applications.

PAL Series with AWEF rating:
This refrigeration system is designed and certified for use in walk-in freezer applications.

POLARCRAFT