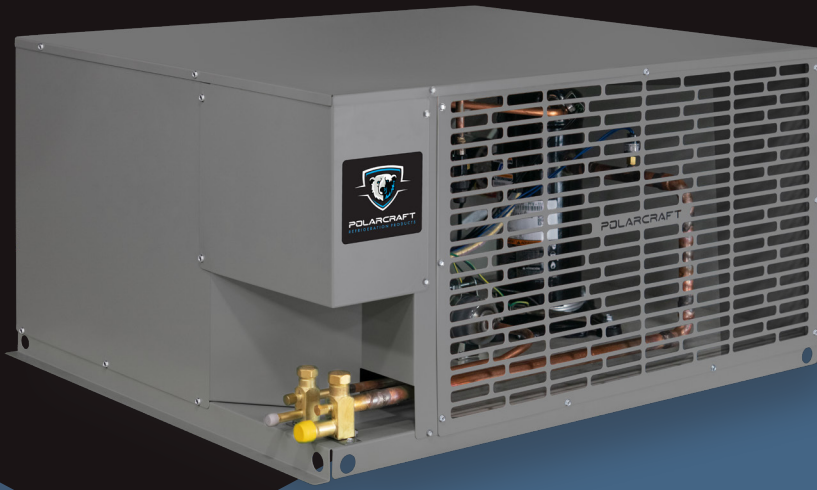




POLARCRAFT

REFRIGERATION PRODUCTS



1/2 to 6 HP AIR-COOLED CONDENSING UNITS

Designed and Manufactured by the trusted professionals at RDT

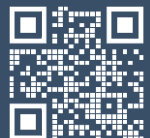
FEATURES:

- Scroll compressors for medium and low temperature applications
- Voltages: 208-230V/3Ph/60Hz, 208-230V/1Ph/60Hz, 460V/3Ph/60Hz
- Refrigerants: R404A, R448A and R449A
- Oversized 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
- Head pressure control valve setting at 100 PSIG to achieve high compressor EER at low condensing temperature
- Crankcase heater for outdoor application
- High and low fixed pressure controls for medium temperature units; high and adjustable low pressure controls for low temperature units
- Liquid line and suction line base mounted service valves with pressure ports at the unit outlets for easy access
- Liquid line filter/drier, sight glass and moisture level indicator
- Liquid receiver holding capacity is good for 100' line run when solenoid valve is mounted at evaporator(s)
- Fusible plug for safety is on the top of the receivers
- Service valve at the outlet of receiver makes it easier to change liquid filter/drier without re-claiming refrigerant
- Adjustable time delay relay to prevent compressor short-cycling
- Factory pre-wired units for system pump-down operation

OPTIONS:

- Coated condenser for corrosion resistance
- Adjustable low pressure control for medium temperature units
- Floating head control for electronic control and electric expansion valve (EEV) systems
- Suction line filter, accumulator
- Low ambient kit with thermostat controlled heater and insulated receiver
- Low pressure bypass time delay relay
- Adjustable dual pressure control switch
- Circuit breaker, fused or non-fused disconnect
- Phase loss/low voltage monitor

AWEF-Compliant



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REFRIGERATION PRODUCTS

AWEF Data

Model	Medium Temperature	
	R448A/R449A	R404A
PCM005ZCT3*	7.60	7.60
PCM005ZCS1*	7.60	7.60
PCM008ZCT3*	7.60	7.60
PCM008ZCS1*	7.60	7.60
PCM009ZCT3*	7.60	7.60
PCM009ZCS1*	7.60	7.60
PCM010ZCT3*	7.60	7.60
PCM010ZCT4*	7.60	7.60
PCM010ZCS1*	7.60	7.60
PCM013ZCT3*	7.60	7.60
PCM013ZCT4*	7.60	7.60
PCM013ZCS1*	7.60	7.60
PCM015ZCT3*	7.60	7.60
PCM015ZCT4*	7.60	7.60
PCM015ZCS1*	7.60	7.60
PCM020ZCT3*	7.60	7.60
PCM020ZCT4*	7.60	7.60
PCM020ZCS1*	7.60	7.60
PCM025ZCT3*	7.60	7.60
PCM025ZCT4*	7.60	7.60
PCM025ZCS1*	7.60	7.60
PCM030ZCT3*	7.60	7.60
PCM030ZCT4*	7.60	7.60
PCM030ZCS1*	7.60	7.60
PCM035ZCT3*	7.60	7.60
PCM035ZCT4*	7.60	7.60
PCM035ZCS1*	7.60	7.60
PCM045ZCT3*	7.60	7.60
PCM045ZCT4*	7.60	7.60
PCM045ZCS1*	7.60	7.60
PCM050ZCT3*	7.60	7.60
PCM050ZCT4*	7.60	7.60
PCM050ZCS1*	7.60	7.60
PCM055ZCT3*	7.60	7.60
PCM055ZCT4*	7.60	7.60
PCM055ZCS1*	7.60	7.60
PCM060ZCT3*	7.60	x
PCM060ZCT4*	7.60	x

Model	Low Temperature	
	R448A/R449A	R404A
PCL006ZCT3*	2.90	x
PCL006ZCT4*	2.90	x
PCL006ZCS1*	2.90	x
PCL008ZCT3*	2.95	x
PCL008ZCT4*	2.95	x
PCL008ZCS1*	2.95	x
PCL010ZCT3*	3.00	2.99
PCL010ZCT4*	3.00	2.99
PCL010ZCS1*	3.00	2.99
PCL022ZCT3*	3.15	3.14
PCL022ZCT4*	3.15	3.14
PCL022ZCS1*	3.15	3.14
PCL025ZCT3*	3.15	3.15
PCL025ZCT4*	3.15	3.15
PCL025ZCS1*	3.15	3.15
PCL030ZCT3*	3.15	3.15
PCL030ZCT4*	3.15	3.15
PCL030ZCS1*	3.15	3.15
PCL035ZCT3*	3.15	3.15
PCL035ZCT4*	3.15	3.15
PCL035ZCS1*	3.15	3.15
PCL045ZCT3*	3.15	3.15
PCL045ZCT4*	3.15	3.15
PCL045ZCS1*	3.15	3.15
PCL055ZCT3*	3.15	3.15
PCL055ZCT4*	3.15	3.15
PCL055ZCS1*	3.15	3.15
PCL060ZCT3*	3.15	3.15
PCL060ZCT4*	3.15	3.15

* --- Refrigerant code. Refer to nomenclature for refrigerant designation

PCM Series with AWEF rating:

This refrigeration system is designed and certified for use in walk-in cooler applications.

PCL Series with AWEF rating:

This refrigeration system is designed and certified for use in walk-in freezer applications.

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