

Industrial Portable Outdoor Rated Unit Heater PCKF Series



(Shown with industrial steel frame and cord storage shelf)

Model Code:

PCKF 48 20 -3
A B C D

A: Series
B: 20 - 208V, 24 - 240V 48-480V
C: kiloWatts (10 - 25)
D: -1 = Single Phase
-3 = Three Phase



- UL Certified For Wet Locations
- Remote Thermostat w/100' cord
- Inlet Rain Baffle
- Industrial Frame w/ Integrated Grab Bars
- N.E.M.A. 12" Gasket Construction
- Complies FAA's Airport Regulations
- 18 inch Ground Clearance
- High Mass Steel Fin Heat Exchangers
- Large Capacity Dual-Inlet Blower
- Handles High Static Pressure
- Moves Large Air Volumes (1500 CFM)
- 12" Duct Transitions
- Built-in thermostat (40°-100°F)
- 24V Control For Heat or Fan Only
- Replaceable Intake Air Filter
- Long Life 48 Frame Totally Enclosed Motor
- Patented Smart Limit Protection®
- 6ft SO Cord (No Plug)
- Durable 18-gauge steel enclosure
- Non-Mercury Tip Over switch
- Cord Storage Shelf
- 2-Year Warranty

PCKF Industrial Portable Unit Heater

The King PCKF industrial portable outdoor rated unit heater is constructed to hold up to the rigorous demands of a jobsite or industrial facility. The King PCKF industrial portable outdoor rated unit heater is constructed to hold up to the rigorous demands of a jobsite or industrial facility. This unit heater is the very BEST heat source to assist in complete "Dry-out" applications, where dry electric heat is preferred to propane or kerosene space heaters. In addition, electric heat omits absolutely no odor, flame or carbon monoxide. The high CFM and moderate temperature rise are also key features to make this unit heater the very best solution for temporary large capacity heating and dry-out applications. Comes standard with a remote thermostat & 100' cord plus a 12" collar for adding a flexible duct to extend the heated air to where it is needed. The Industrial Steel Frame complies with the FAA's Airport regulations of 18 inch above the ground for air inlet of the heater to reduce the jet fuel vapor being drawn in. This outdoor rated portable unit heater allows you to place the heater outside in the rain and feed heated air into a building structure, plane, container, apartment, ship or any work area requiring heated dry fresh air and not take up space in the work area. Includes an intake rain baffle and electrical compartment rain cover and is UL approved for Outdoor Use.

Ordering Information

	MODEL	UPC	VOLTS	kiloWATTS	BTUH	PHASE	AMPS	CFM	SOOW CORD GAUGE	WEIGHT LBS
208V	PCKF2010-1	33114	208	10	34.1	1	48.1	1000	6/3	157
	PCKF2015-1	33115	208	15	51.2	1	72.1	1000	2/3	157
240V	PCKF2410-1	33116	240/208*	10/7.5	34.1	1	41.7/36.1	1000	6/3	157
	PCKF2415-1	33117	240/208*	15/11.25	51.2	1	62.5/54.1	1000	4/3	157
	MODEL	UPC	VOLTS	kiloWATTS	BTUH	PHASE	AMPS	CFM	SOOW CORD GAUGE	WEIGHT LBS
208V	PCKF2010-3	33118	208	10	34.1	3	27.7	1000	8/4	157
	PCKF2015-3	33119	208	15	51.2	3	41.6	1000	5/4	157
	PCKF2020-3	33120	208	20	68.3	3	55.5	1250	4/4	157
	PCKF2025-3	33121	208	25	85.3	3	69.4	1250	2/4	157
	PCKF2410-3	33123	240/208*	10/7.5	34.1	3	24.1/20.8	1000	10/4	157
240V	PCKF2415-3	33124	240/208*	15/11.25	51.2	3	36.1/54.1	1000	6/4	157
	PCKF2420-3	33125	240/208*	20/15	68.3	3	48.1/41.6	1250	4/4	157
	PCKF2425-3	33126	240/208*	25/18.8	85.3	3	60.1/52.2	1250	2/4	157
	PCKF2430-3	33127	240/208*	30/22.5	102.3	3	72.1/62.4	1250	2/4	157
	PCKF4810-3	33128	480	10	34.1	3	12.0	1000	14/4	157
480V	PCKF4815-3	33129	480	15	51.2	3	18.1	1000	12/4	157
	PCKF4820-3	33130	480	20	68.3	3	24.0	1250	10/4	157
	PCKF4825-3	33131	480	25	85.3	3	30.1	1250	8/4	157
	PCKF4830-3	33132	480	30	102.3	3	30.1	1250	8/4	157

*Dual rated heaters will draw 13% less amps and 25% less wattage when operated at 208V.

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Engineering Specifications

Contractor shall supply PCKF series Industrial Portable Outdoor Rated Unit heaters manufactured by King Electrical Mfg. Company. Heaters shall be of the wattage and voltage as indicated on the plans.

Construction: The heater case is fabricated from high tensile 18 gauge electrogalvanized steel that is welded together forming a durable unibody cabinet. Heater is finished with a rust inhibiting epoxy coating.

12" Duct Transition: A flexible 12" duct can be added to extend the heated air to where it is needed.

Replaceable Intake Air Filter: Protects against foreign objects entering the heater. 1" x 16" x 24" prevents dirt and dust build up in the heater.

N.E.M.A. 12 Wiring Compartment: The wiring compartment is sealed with a ¼" high density polyurethane gasket. This provides excellent protection against moisture, dust and dirt from invading the electrical components and wiring. All optional control accessories are N.E.M.A. 12 rated.

Outdoor Rating: UL certified for use in outdoor wet locations. Includes intake rain baffle and electrical compartment rain cover.

Spiral Fin Elements: The metal sheath element is brazed with spiral fins and then formed into a coil configuration. This combination produces the best heat transfer while eliminating the potential for hot spots by positioning

the element in the maximum airflow stream.

Blower & Motor: Totally enclosed outdoor ball bearing fan motor.

Permanently lubricated, class B insulation, auto-protected, permanent split capacitor and 60°C ambient. Large capacity dual-inlet blower handles high static pressure and moves large air volume. Motor leads are enclosed in a seal tight raceway to prolong equipment life & reduce maintenance.

Remote Temperature Control: Indulges a remote thermostat with 100' cord to temperature from a remote location.

Auto-Reset Thermal Cutout: Power is disconnected from the element if an overheated condition occurs. The fan continues to run to dissipate excess heat from the element. The element is re-energized automatically when the normal operating temperature returns.

Approvals: UL Certified to comply with UL 2021, standard for Fixed and Location-Dedicated Electric Room Heaters and CSA C22.2 No. 46 for Electric Air-Heaters.

Dimensional Data

