



Kwikool

Portable Cooling Systems

KPO Series, 5-ton & 12-ton Indoor/Outdoor Portable Air Conditioner

The smallest, most versatile Indoor/Outdoor Portable Air Conditioners in the world!

Kwikool has done it again by introducing KPO indoor/outdoor portable package unit. These versatile units combine the compact size, portability, and premium features that you have grown accustomed to in Kwikool products with added punch and performance.

The KPO series offers 5 & 12 tons of cooling capacities in incredibly small packages, half the size of most comparable models from other manufactures. The super small 32-inch width of these units, allow them to fit through standard 36" doors. The KPO can be used outside by ducting the cold air in, or placed inside a building by ducting the hot air out with an appropriate air intake source. Flexible power and duct connections are secured in seconds and ensure rapid set up & teardown with minimum hassle, time and cost. The heavy duty integral base has durable removable wheels and fork lift skid access for easy movement, setup, and transport. KPO features:



- Maximum flexibility for both indoor and outdoor applications
- Twin Hyper Drive High static blowers for maximum air movement and ducting distance
- Extra Small Size
- Designed to be placed outside the space being cooled, either indoors or outdoors
- Condenser Exhaust and Cold Air Supply and Return Air can be ducted using Kwikool's high static blowers
- Quick disconnect duct collars for ease of use and prevention of collar damage during transport
- Phase & Power Monitor provides electrical protection from power quality issues
- Low ambient temperature controls, using Variable Speed Drive technology down to 0 degrees F.
- Electrical Receptacle for easy power hook up
- Digital Controls with auto restart and short cycle protection
- Skid Mounted with Removable 8" Durable Wheels for easy & flexible mobility
- Easy access service doors
- Powder coated HD 12-gauge galvanized frame and 16 gauge HD cabinets

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1-800-KWIKOOL





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	KP05-21 - 230-Volt*	KP05-43 - 480-Volt	KP012-23 - 230-Volt	KP012-43 - 480-Volt
COOLING CAPACITY				
BTU/hr @ 95°F in 80°F RH	60,000 (Nominal 5-TON)	60,000 (Nominal 5-TON)	135,400 (Nominal 12-TON)	139,400 (Nominal 12.7-TON)
COMPRESSOR DATA				
Compressor Type	Reciprocating	Reciprocating	Reciprocating	Reciprocating
Condenser Operating Temp.	50-110°F	50-110°F	50-110°F	50-110°F
FAIR DATA				
EVAPORATOR				
Fair Type (Dual Fluid)	Dual Flow	Dual Flow	Dual Flow	Dual Flow
Air Flow (CFM)	2450	2450	4450	4400
Supply & Return Air Flanges	One 12 in. Flanges for Each	One 12 in. Flanges for Each	Two 12 in. Flanges for Each	Two 12 in. Flanges for Each
Maximum Duct Length	50 Feet for Supply & Return	50 Feet for Supply & Return	50 Feet for Supply & Return	50 Feet for Supply & Return
CONDENSER				
Fair Type (Dual Fluid)	Dual Flow	Dual Flow	Rail Flow	Rail Flow
Air Flow (CFM)	3,600	3,600	6,900	6,900
Condenser Return Flange	One 12" Circular Flange	One 12" Circular Flange	One 10" Circular Flange	One 20" Square Flange
Condenser Maximum Duct Length	70 Feet	76 Feet	100 Feet	100 Feet
ELECTRICAL DATA				
Power Supply (Volts)	208-230 volt - 3 Phase	480 - 3 Phase	208-230 volt - 3 Phase	480 - 3 Phase
Circuit Breaker Size (amps/Hz)	1	36	25	14
Maximum Circuit Breaker (amps)	60 amp (100-150) at 208-230	30	100	50
Maximum Circuit Breaker (amps)	50	18-24	22.5	14
Wiring Connections	125-225/210-220	420-600	125-200	420-600
Plug Configuration	HardWired	HardWired	Car Locks	Car Locks
DIMENSIONAL DATA				
Width (with 4-Rail Flanges)	50 x 48 x 50 with 8-in Wheels	50 x 48 x 50 with 8-in Wheels	57 x 54 x 52 with 8-in Wheels	57 x 54 x 52 with 8-in Wheels
Height (in.)	64in	66in	73in	74in
Shipping Weight	720	720	1,462	1,402
Wheel Locking Pins (Car Locks)	4 inches	8 inches	4 inches	4 inches
SAFETY DEVICE DATA				
Power Monitor - Over Voltage	YES	YES	YES	YES
Compressor Overload	INTERNAL	INTERNAL	INTERNAL	INTERNAL
Fair Motor Control	AUTOMATIC (INTERNAL)	AUTOMATIC (INTERNAL)	AUTOMATIC (INTERNAL)	AUTOMATIC (INTERNAL)
High Pressure Switch	MANUAL	MANUAL	MANUAL	MANUAL
Low Pressure Switch	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
Compressor Short Cycle	YES	YES	YES	YES
Automatic Restart	YES	YES	YES	YES
Thermostat	DIGITAL	DIGITAL	DIGITAL	DIGITAL
Condenser-Flange with Pin Lock	YES	YES	NO, Optional Pin Lock	NO, Optional Pin Lock
Condenser-Flange with Pin Lock	YES	YES	NO, Optional Pin Lock	NO, Optional Pin Lock

* Available in 200-volt System

When the job has to get done, don't fool around, use Kwikool! The smallest, most versatile portable in the world!