

5-Ton Indoor/Outdoor Portable Air Conditioners

IDEAL FOR INDUSTRIAL APPLICATIONS AND FOR TENT COOLING

Kwikool™ Portable Air Conditioners



KPO5-21



Rear

| TECHNICAL SPECIFICATIONS | | KPO5-21 | KPO5-23 | KPO5-43 |
|--------------------------|---|--|--|--|
| COOLING CAPACITY | BTU/hr @ 95 F at 60%RH | 60,000 (Nominal 5-TON) | 60,000 (Nominal 5-TON) | 60,000 (Nominal 5-TON) |
| CONSTRUCTION | Skid Cabinet | 12-Gauge Galvanized Steel 16-Gauge Powder Coated Galvanized Steel | 12-Gauge Galvanized Steel 16-Gauge Powder Coated Galvanized Steel | 12-Gauge Galvanized Steel 16-Gauge Powder Coated Galvanized Steel |
| COMPRESSOR DATA | Compressor Type Condenser Operating Temperatures Non-CFC Refrigerant Charge (lbs.) | Reciprocating 30-110F 407C | Reciprocating 30-110F 407C | Reciprocating 30-110F 407C |
| FAN DATA EVAPORATOR | Fan Type (centrifugal) - 2 Air Flow (CFM) Supply & Return Air Flanges - 2 Maximum Duct Length | DIRECT DRIVE 2,452 One 12-inch Flange for Each 50 Feet for Supply & Return | DIRECT DRIVE 2,475 One 12-inch Flange for Each 50 Feet for Supply & Return | DIRECT DRIVE 2,475 One 12-inch Flange for Each 50 Feet for Supply & Return |
| CONDENSER | Fan Type (centrifugal) Air Flow (CFM) Condenser Exhaust Flange Condenser Maximum Duct Length Variable Frequency Drive | DIRECT DRIVE 3,500 One 14" Diameter Flange 75 Feet Yes, low ambient temp. control | DIRECT DRIVE 3,500 One 20" Diameter Flange 100 Feet Yes, low ambient temp. control | DIRECT DRIVE 3,500 One 20" Diameter Flange 75 Feet Yes, low ambient temp. control |
| ELECTRICAL DATA | Indoor/Outdoor Phase Monitor Power Supply (Volts) Amperage (Amps/KW) Maximum Circuit Breaker (Amps) Minimum Circuit Ampacity (Amps) Min/Max Voltage Power Cord Gauge/Length in Ft. Plug Configuration | Approved NO 208-230-volt - 1 Phase 45.5 60 on 208-V/50 at 230-V 50 195-225/210-250 8AWG/10' FIELD SUPPLIED | Approved YES, Power Quality Control 208-230-volt - 3 Phase 38.8/35.3 50 at 208-V, 40-amp at 230-V 38.5 195-225/210-250 8AWG/10' Hard Wired | Approved YES, Power Quality Control 460 - 3 Phase 17.65/7.5 30 19.25 420-500 10AWG/8' FIELD SUPPLIED |
| DIMENSIONAL DATA | Width x Length x Height (Inches) Weight (lbs) Shipping Weight (lbs) Swivel Locking Heavy Duty Castors | 32 x 48 x 48.5 w/ 6-in Wheels 646 700 6 inches | 32 x 48 x 48.5 w/ 6-in Wheels 669 723 6 inches | 32 x 48 x 48.5 w/ 6-in Wheels 669 723 6 inches |
| SAFETY DEVICE DATA | Compressor Overload Fan Motor Overload High Pressure Switch Low Pressure Switch Compressor Short Cycle Compressor Time Delay Automatic Restart Thermostat Condensate Pump w 20' Head Press. Condensate Pump Overflow | INTERNAL AUTOMATIC INTERNAL MANUAL AUTOMATIC YES YES YES MICROPROCESSOR / DIGITAL YES YES | INTERNAL AUTOMATIC INTERNAL MANUAL AUTOMATIC YES YES YES MICROPROCESSOR / DIGITAL YES YES | INTERNAL AUTOMATIC INTERNAL MANUAL AUTOMATIC YES YES YES MICROPROCESSOR / DIGITAL YES YES |

PORTABLE AIR® has the perfect solution
for temporary or permanent spot cooling needs.

Ask us about other Kwikool products. Call for pricing and lease-to-own programs.



Proudly Made in USA

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12-Ton Indoor/Outdoor Portable Air Conditioner

IDEAL FOR INDUSTRIAL APPLICATIONS AND FOR TENT COOLING FOR UP TO 5,000 SQ. FT.

Kwikool™ Portable Air Conditioners

| TECHNICAL SPECIFICATIONS | | KPO12-23 | KPO12-43 |
|--------------------------|---|---|---|
| COOLING CAPACITY | BTU/hr @ 95 F at 60%RH | 135,000 (Nominal 12-TON) | 135,000 (Nominal 12-TON) |
| CONSTRUCTION | Skid Cabinet | 12-Gauge Galvanized Steel 16-Gauge Powder Coated Galvanized Steel | 12-Gauge Galvanized Steel 16-Gauge Powder Coated Galvanized Steel |
| COMPRESSOR DATA | Compressor Type Condenser Operating Temperatures Non-CFC Refrigerant Charge (lbs.) | Reciprocating 30-110F 407C | Reciprocating 30-110F 407C |
| EVAPORATOR FAN DATA | Fan Type (centrifugal) - 2 Air Flow (CFM) Supply & Return Air Flanges - 4 Maximum Duct Length | DIRECT DRIVE 5000 Two 12-inch Flanges for Each 50 Feet for Supply & Return | DIRECT DRIVE 5000 Two 12-inch Flanges for Each 50 Feet for Supply & Return |
| CONDENSER | Fan Type (centrifugal) Air Flow (CFM) Condenser Exhaust Flange Condenser Maximum Duct Length | BELT DRIVE 6,500 One 20" Diameter Flange 100 Feet | BELT DRIVE 6,500 One 20" Diameter Flange 100 Feet |
| ELECTRICAL DATA | Indoor/Outdoor Power Supply (Volts) Amperage Maximum Circuit Breaker (Amps) Minimum Circuit Ampacity (Amps) Min/Max Voltage Plug Configuration | Approved 208-230-volt - 3 Phase 72 80 78.5 195-250 Cam Locks | Approved 460 - 3 Phase 36 50 42.5 420-500 Cam Locks |
| DIMENSIONAL DATA | Width x Length x Height (Inches) Weight (lbs) Shipping Weight (lbs) Swivel Locking Heavy Duty Castors | 32 x 64 x 52 w/o 8-in Wheels 1,392 1462 8 inches | 32 x 64 x 52 w/o 8-in Wheels 1,392 1462 8 inches |
| SAFETY DEVICE DATA | Phase Monitor Compressor Overload Fan Motor Overload High Pressure Switch Low Pressure Switch Compressor Short Cycle Compressor Time Delay Automatic Restart Thermostat | YES INTERNAL AUTOMATIC INTERNAL MANUAL AUTOMATIC YES YES YES MICROPROCESSOR / DIGITAL | YES INTERNAL AUTOMATIC INTERNAL MANUAL AUTOMATIC YES YES YES MICROPROCESSOR / DIGITAL |



KPO12-23

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