

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

# KPO

## INDOOR/OUTDOOR SERIES

The KwiKool Indoor/Outdoor series provides air conditioning solutions for even the most difficult applications.



**The KPO Series offers 5-ton or 12-ton cooling capacities with optional heat strips, 12kW for 5-ton and 24kW for 12-ton models.**

All KPO models are designed to be placed outside of the space being cooled with the cold air supply and return ducts being run into the space.

### KPO Features:

- Maximum flexibility for both indoor and outdoor applications
- High Static blowers for maximum air movement and ducting distance
- All KPO's are 32" wide and will fit through a standard 36" doorway
- Optional 12kW/41,600 BTU or 24kW/83,300 BTU Heat Strips
- Phase & Power Monitor provides electrical protection from power quality issues
- Low ambient temperature controls, using Variable Speed Drive technology down to 0°F
- Skid Mounted with Removable durable casters for easy & flexible mobility
- Powder coated HD 12 gauge galvanized frame and 16 gauge HD cabinets



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

|                                      | KPO5-21 / 230V         | KPO5-43 / 460V         | KPO12-23 / 230V        | KPO12-43 / 460V        |
|--------------------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>COOLING CAPACITY</b>              |                        |                        |                        |                        |
| BTU/hr @95 F at 60%RH                | 60,000 / 5-Ton         | 60,000 / 5-Ton         | 135,000 / 12-Ton       | 135,000 / 12-Ton       |
| <b>HEATING - OPTIONAL</b>            |                        |                        |                        |                        |
| Heat Strips/BTU                      | 12kW/41,600 Btu        | 12kW/41,600 Btu        | 24kW/83,300 Btu        | 24kW/83,300 Btu        |
| <b>COMPRESSOR DATA</b>               |                        |                        |                        |                        |
| Compressor Type                      | Reciprocating          | Reciprocating          | Reciprocating          | Reciprocating          |
| Condenser Operating Temp             | 30-110F                | 30-110F                | 30-110F                | 30-110F                |
| <b>FAN DATA</b>                      |                        |                        |                        |                        |
| <b>EVAPORATOR</b>                    |                        |                        |                        |                        |
| Fan Type (Centrifugal)               | Direct Drive           | Direct Drive           | Direct Drive           | Direct Drive           |
| Air Flow (CFM)                       | 2,400                  | 2,400                  | 5,500                  | 5,500                  |
| Cold Air Supply & Return Air Flanges | 2 - 12" Each           | 2 - 12" Each           | 4 - 12" Each           | 4 - 12" Each           |
| Maximum Duct Length                  | 50' Each               | 50' Each               | 75' Each               | 75' Each               |
| <b>CONDENSER</b>                     |                        |                        |                        |                        |
| Fan Type (Centrifugal)               | Direct Drive           | Direct Drive           | Belt Drive             | Belt Drive             |
| Air Flow (CFM)                       | 3,500                  | 3,500                  | 8,500                  | 8,500                  |
| Condenser Exhaust Flange             | 12" Flange             | 12" Flange             | 20" Flange             | 20" Flange             |
| Condenser Maximum Duct Length        | 65'                    | 65'                    | 100'                   | 100'                   |
| Variable Frequency Drive             | Yes                    | Yes                    | Yes                    | Yes                    |
| <b>ELECTRICAL DATA</b>               |                        |                        |                        |                        |
| Power Supply (Volts)                 | 208/230V/Single Phase  | 460V/Three Phase       | 208-230V/Three Phase   | 460V/Three Phase       |
| Current Consumption (Amps/kW)        | 37.5 / 34.1            | 14                     | 63.25 / 57.5           | 27.7                   |
| Maximum Circuit Breaker (Amps)       | 50 on 208V/60 on 230V  | 30                     | 100                    | 50                     |
| Recommended Breaker Size             | 50                     | 30                     | 80                     | 50                     |
| Maximum Circuit Ampacity (Amps)      | 43.9                   | 16.7                   | 72.1                   | 36.3                   |
| Min/Max Voltage                      | 195-225/210-250        | 420-500                | 195-225/210-250        | 420-500                |
| Plug Configuration                   | Hard Wired             | Hard Wired             | Color Coded Cam Locks  | Color Coded Cam Locks  |
| <b>DIMENSIONAL DATA</b>              |                        |                        |                        |                        |
| Width x Length x Height (inches)     | 32 x 48 x 49 w/casters | 32 x 48 x 49 w/casters | 32 x 64 x 60 w/casters | 32 x 64 x 60 w/casters |
| Weight (lbs)                         | 670                    | 700                    | 1,080                  | 1,100                  |
| Shipping Weight (lbs)                | 735                    | 757                    | 1,180                  | 1,200                  |
| Swivel Locking Heavy Duty Casters    | 6"                     | 6"                     | 8"                     | 8"                     |
| <b>SAFETY DEVICE DATA</b>            |                        |                        |                        |                        |
| Phase Monitor - Power Quality        | No                     | Yes                    | Yes                    | Yes                    |
| High Pressure Switch                 | Manual Reset           | Manual Reset           | Manual Reset           | Manual Reset           |
| Low Pressure Switch                  | Automatic              | Automatic              | Automatic              | Automatic              |
| Automatic Restart                    | Yes                    | Yes                    | Yes                    | Yes                    |
| Thermostat                           | Digital                | Digital                | Digital                | Digital                |
| Condensate Pump w/ 20' Head Pressure | Yes                    | Yes                    | Yes                    | Yes                    |
| Condensate Pump Overflow             | Yes                    | Yes                    | Yes                    | Yes                    |

