

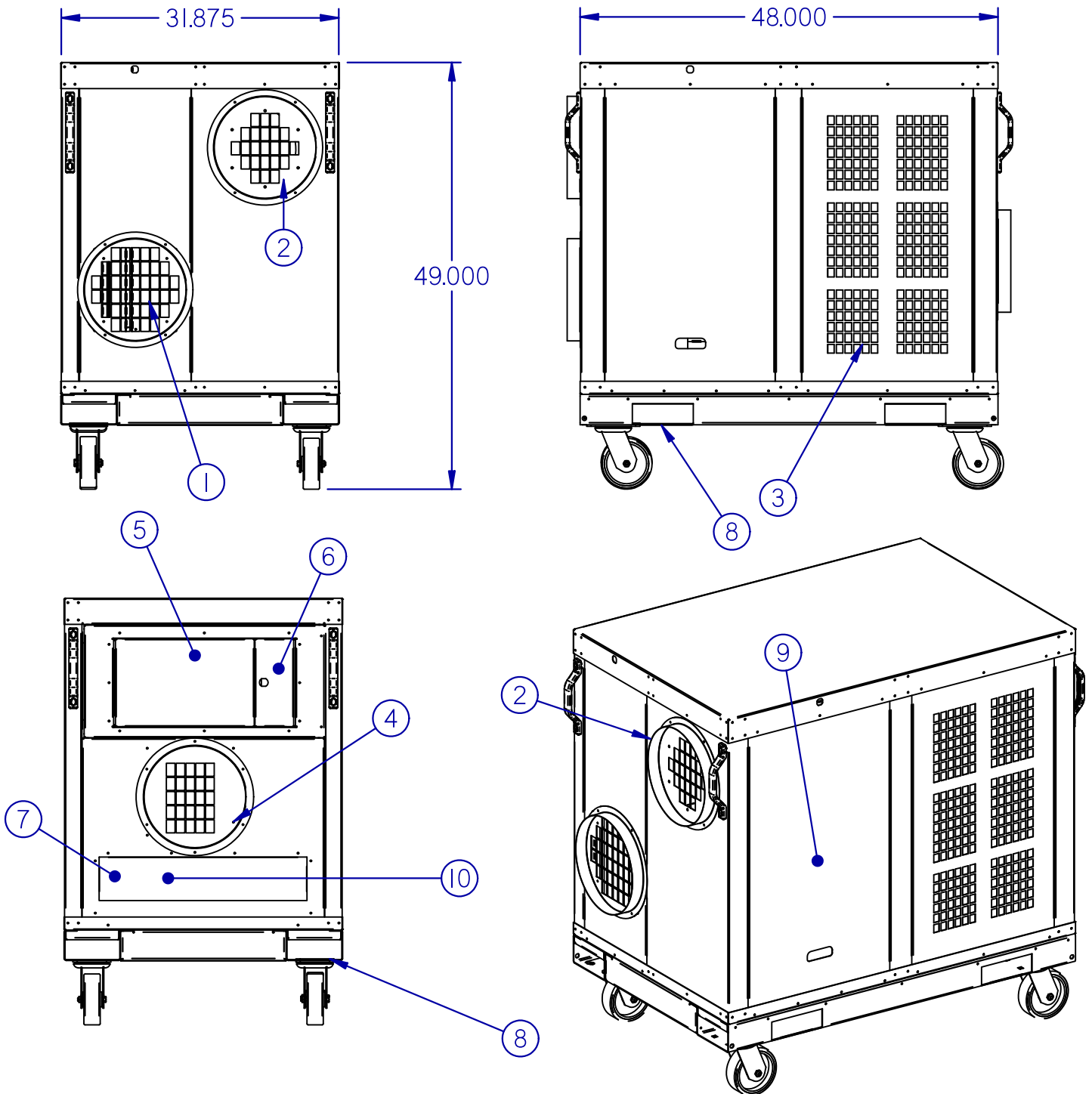


# SPECIFICATIONS

**KPO5-43**

COOLING CAPACITY	BTU/hr @ 95F at 60% RH	60,000 (5-Ton)
	Operating Temperatures	30-110 F 50%RH
HEATING - OPTIONAL	Heat Strips/BTU	12kW/41,600
	Compressor Type	Scroll
COMPRESSOR DATA	Refrigerant	407C
	Fan Type (Centrifugal)	Direct Drive
FAN DATA	Air Flow (CFM)	2,400
	Supply and Return Air Device	1-12" flanges for supply duct and 1-12" flange for return duct
Evaporator	Maximum Duct length	50' each for supply and return
	Fan Type (Centrifugal)	Direct Drive
Condenser	Air Flow (CFM)	3500
	Condenser Exhaust flange	12"
Condenser	Condenser Duct Max. Length	65'
	Condenser fan speed control	Variable Frequency Drive
ELECTRICAL DATA	Power Supply (Volts)	460 Three Phase
	Current Consumption (Amps)	14
ELECTRICAL DATA	Power Consumption (kW)	11.14
	Maximum Circuit Breaker (Amps)	20
ELECTRICAL DATA	Recommended Breaker Size	20
	Minimum Circuit Ampacity (Amps)	17.4
ELECTRICAL DATA	Min./Max. Voltage	420-500
	Power Cord Gauge/Length	10 AWG/10'
ELECTRICAL DATA	Plug Configuration	Hard Wired
	Power Quality Control	Internal Phase and Power Monitor
CONSTRUCTION	Skid	12 Gauge G90 Galvanized Steel with Epoxy Powdercoat
	Cabinet	16 Gauge G90 Galvanized Steel with Epoxy Powdercoat
CONSTRUCTION	Casters	6" Heavy Duty Swivel and Locking
	Width x Depth x Height (Inches)	32" x 48" x 49" with 6" casters
DIMENSIONAL DATA	Weight (Lbs.)	700
	Shipping Weight (Lbs.)	757
SAFETY DEVICE DATA	Compressor Overload	Internal
	Fan Motor Overload	Automatic Internal
SAFETY DEVICE DATA	Evaporator Freeze Protection	Hot Gas Bypass with variable fan speed control
	High Pressure Switch	Manual
SAFETY DEVICE DATA	Low Pressure Switch	Automatic
	Compressor Short Cycle	Yes
SAFETY DEVICE DATA	Automatic Restart	Yes
	Thermostat Type	Digital
SAFETY DEVICE DATA	Condensate Pump Overflow	Yes
	Internal Condensate Pump (high lift)	Yes





# KPO5-43

## LEGEND

- |                         |                         |
|-------------------------|-------------------------|
| 1. Cold Air Return      | 6. Control Panel Access |
| 2. Cold Air Supply      | 7. Condensate Nipple    |
| 3. Condenser Air Inlet  | 8. Fork Pocket          |
| 4. Condenser Air Outlet | 9. Access Door          |
| 5. Electrical Panel     | 10. Power Cord          |



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