

SPECIFICATIONS



KPO5-21-3

COOLING CAPACITY

	BTU/hr @ 95F at 60% RH	60,000 (5-Ton)
	Operating Temperatures	30-110 F 50%RH
HEATING - OPTIONAL	Heat Stips/BTU	12kW/41,600

COMPRESSOR DATA

Compressor Type	Scroll
Refrigerant	R 454 B

FAN DATA

Evaporator	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	2,400
	Supply and Return Air Device	1-12" flanges for supply duct and 1-12" flange for return duct
	Maximum Duct length	50' total for supply and return.
Condenser	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	3500
	Condenser Exhaust flange	12"
	Condenser Duct Max. Length	65'
	Condenser fan speed control	Variable Frequency Drive

ELECTRICAL DATA

Power Supply (Volts)	230 Single Phase
Current Consumption (Amps)	36.9
Power Consumption (kW)	7.6383
Maximum Circuit Breaker (Amps)	60
Recommended Breaker Size (Amps)	50
Minimum Circuit Ampacity(Amps)	43.4
Min./Max. Voltage	195-250
Power Cord Gauge/Length	8 AWG/10'
Plug Configuration	Field Supplied
Power Quality Control	Internal Phase and Power Monitor

CONSTRUCTION

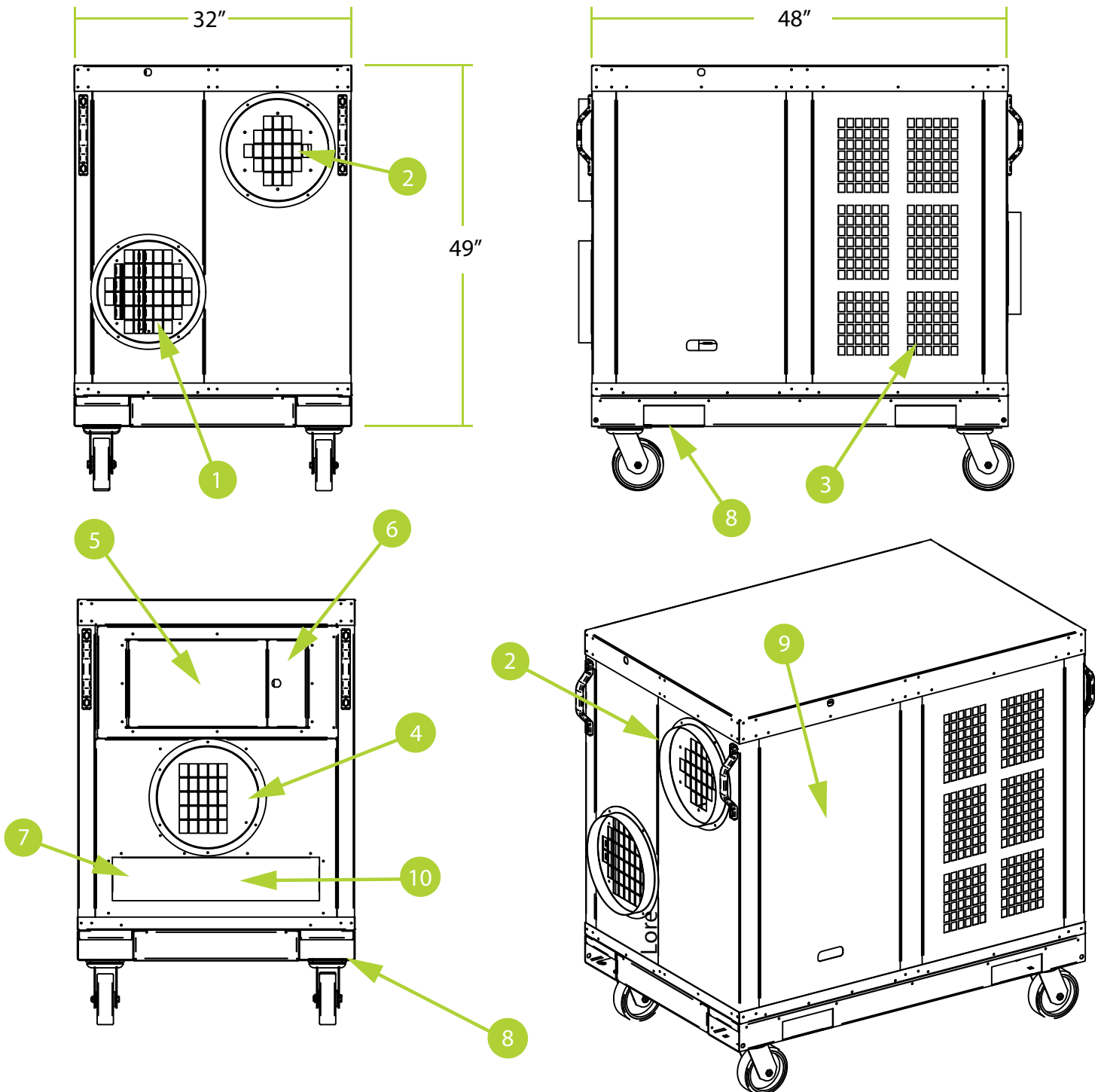
Skid	12 Gauge G90 Galvanized Steel with Epoxy Powdercoat
Cabinet	16 Gauge G90 Galvanized Steel with Epoxy Powdercoat
Casters	6" Heavy Duty Swivel and Locking

DIMENSIONAL DATA

Width x Depth x Height (Inches)	32" x 48" x 49" with 6" Wheels
Weight (Lbs.)	670
Shipping Weight (Lbs.)	735

SAFETY DEVICE DATA

Compressor Overload	Internal
Fan Motor Overload	Automatic Internal
Evaporator Freeze Protection	Hot Gas Bypass
High Pressure Switch	Manual
Low Pressure Switch	Automatic
Compressor Short Cycle	Yes
Automatic Restart	Yes
Thermostat Type	Digital
Condensate Pump Overflow	Yes
Internal Condensate Pump (high lift)	Yes



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LEGEND

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|-------------------------|-------------------------|
| 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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