

SPECIFICATIONS



KPO12-23

COOLING CAPACITY

| | |
|------------------------|------------------|
| BTU/hr @ 95F at 60% RH | 135,000 (12 Ton) |
| Operating Temperatures | 30 - 110 F 50%RH |

HEATING OPTION

| | |
|-------------------|---------------|
| Heat Strips / BTU | 24kW / 83,300 |
|-------------------|---------------|

COMPRESSOR DATA

| | |
|-----------------|--------|
| Compressor Type | Scroll |
| Refrigerant | 407C |

FAN DATA

EVAPORATOR

| | |
|------------------------------|---|
| Fan Type (Centrifugal) | Direct Drive |
| Air Flow | 5,500 CFM |
| Supply and Return Air Device | 2 - 12" flanges for supply and 2 - 12" for return |
| Maximum Duct length | 75 Ft. each for supply and return |

CONDENSER

| | |
|-----------------------------|--------------------------|
| Fan Type (Centrifugal) | Belt Drive |
| Air Flow | 8500 CFM |
| Condenser Exhaust flange | 20" |
| Condenser Duct Max Length | 100" |
| Condenser fan speed control | Variable Frequency Drive |

ELECTRICAL DATA

| | |
|--------------------------|----------------------------------|
| Power Supply | 208V / 230V Three Phase |
| Current Consumption | 56.6/57.5 65.35/59.6 amps |
| Power Consumption | 22.88 kWh |
| Maximum Circuit Breaker | 100 amps |
| Recommended Breaker Size | 80 amps |
| Minimum Circuit Ampacity | 68.82 amps |
| Min./Max. Voltage | 195 - 225/210-250 |
| Power Quality Control | Internal Phase and Power Monitor |
| Power Connection | Color Coded Male Camlocks |

CONSTRUCTION

| | |
|---------|--|
| Skid | 12 Gauge G90 Galvanized Steel / Epoxy Powdercoat |
| Cabinet | 16 Gauge G90 Galvanized Steel / Epoxy Powdercoat |
| Casters | 8" Heavy Duty Swivel / Locking |

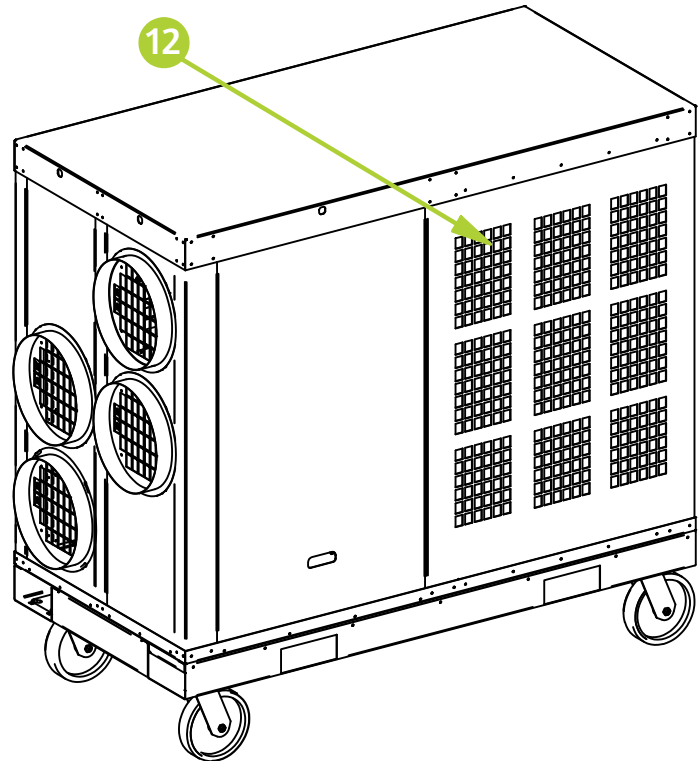
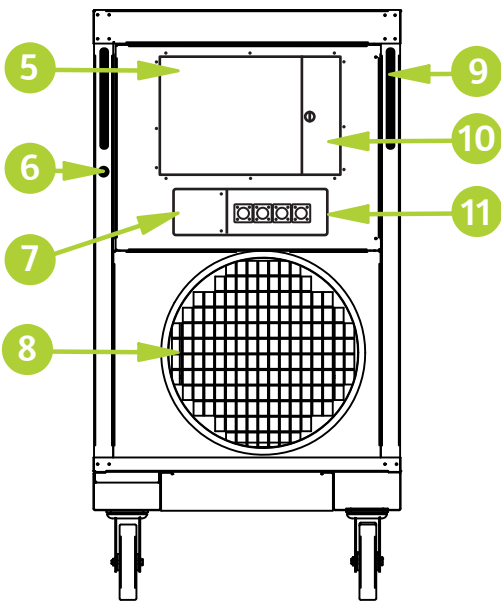
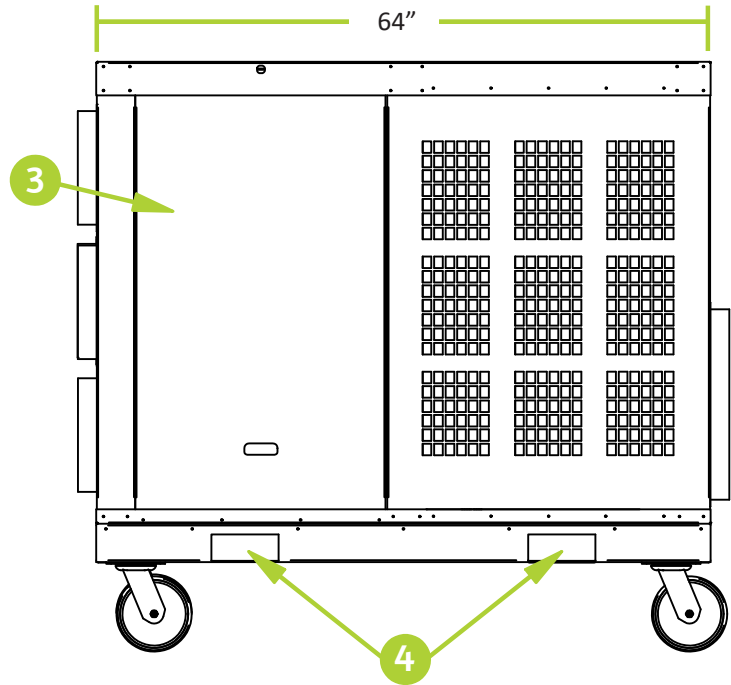
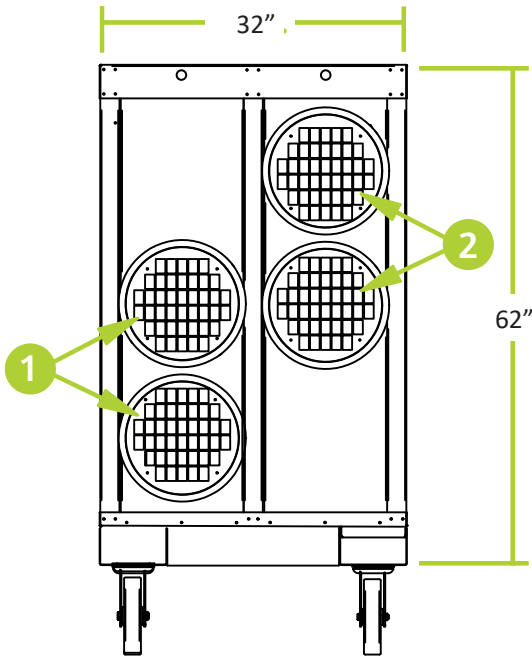
DIMENSIONAL DATA

| | |
|------------------------|-----------------------------------|
| Width x Depth x Height | 32" x 64" x 61.5" with 8" Casters |
| Weight | 1080 Lbs. |
| Shipping Weight | 1180 Lbs. |

SAFETY DEVICE DATA

| | |
|--------------------------------------|--|
| Compressor Overload | Internal |
| Fan Motor Overload | Automatic Internal |
| Evaporator Freeze Protection | Hot gas bypass with variable fan speed control |
| 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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|----------------------|--------------------------|
| 1. Cold Air Return | 7. Breaker Access |
| 2. Cold Air Supply | 8. Condenser Air Outlet |
| 3. Access Door | 9. Handle |
| 4. Forklift Pockets | 10. Control Panel Access |
| 5. Electrical Panel | 11. Camlock Connections |
| 6. Condensate Nipple | 12. Condenser Air Inlet |

