

# SPECIFICATIONS

**KPO25-43**

COOLING CAPACITY	BTU/hr @ 95F at 60% RH	270,000 (25-Ton)
	Operating Temperatures	30-110 F 50%RH
HEATING - OPTIONAL	Heat Strips/BTU	24kW/83,300
	Compressor Type	Hermetic Recip.
COMPRESSOR DATA	Refrigerant	407C
	Fan Type (Centrifugal)	Direct Drive
FAN DATA	Air Flow (CFM)	9,500
	Supply and Return Air Device	2-20" flanges for supply duct and 2-20" flange for return duct
Evaporator	Maximum Duct length	60' each for supply and return.
	Fan Type (Centrifugal)	Belt Drive
Condenser	Air Flow (CFM)	14,000
	Condenser Exhaust flange	20"
Condenser	Condenser Duct Max. Length	100'
	Condenser fan speed control	Variable Frequency Drive
ELECTRICAL DATA	Power Supply (Volts)	460 Three Phase
	Current Consumption (Amps)	59.4
ELECTRICAL DATA	Power Consumption (kW)	42.6
	Maximum Circuit Breaker (Amps)	100
ELECTRICAL DATA	Recommended Breaker Size	80
	Minimum Circuit Ampacity(Amps)	71.15
ELECTRICAL DATA	Min./Max. Voltage	420-500
	Power connection	Color Coded Cam Locks / 3AWG
ELECTRICAL DATA	Power Quality Control	Internal Phase and Power Monitor
	Skid	12 Gauge G90 Galvanized Steel with Epoxy Powdercoat
CONSTRUCTION	Cabinet	16 Gauge G90 Galvanized Steel with Epoxy Powdercoat
	Casters	8" Heavy Duty Swivel and Locking
DIMENSIONAL DATA	Width x Depth x Height (Inches)	66" x 66" x 60.4"
	Weight (Lbs.)	2,030
DIMENSIONAL DATA	Shipping Weight (Lbs.)	2,150
	Compressor Overload	Internal
SAFETY DEVICE DATA	Fan Motor Overload	Automatic Internal
	Evaporator Freeze Protection	Hot Gas Bypass with variable fan speed control
SAFETY DEVICE DATA	High Pressure Switch	Manual
	Low Pressure Switch	Automatic
SAFETY DEVICE DATA	Compressor Short Cycle	Yes
	Automatic Restart	Yes
SAFETY DEVICE DATA	Thermostat Type	Digital
	Condensate Pump Overflow	Yes
SAFETY DEVICE DATA	Internal Condensate Pump (high lift)	Yes



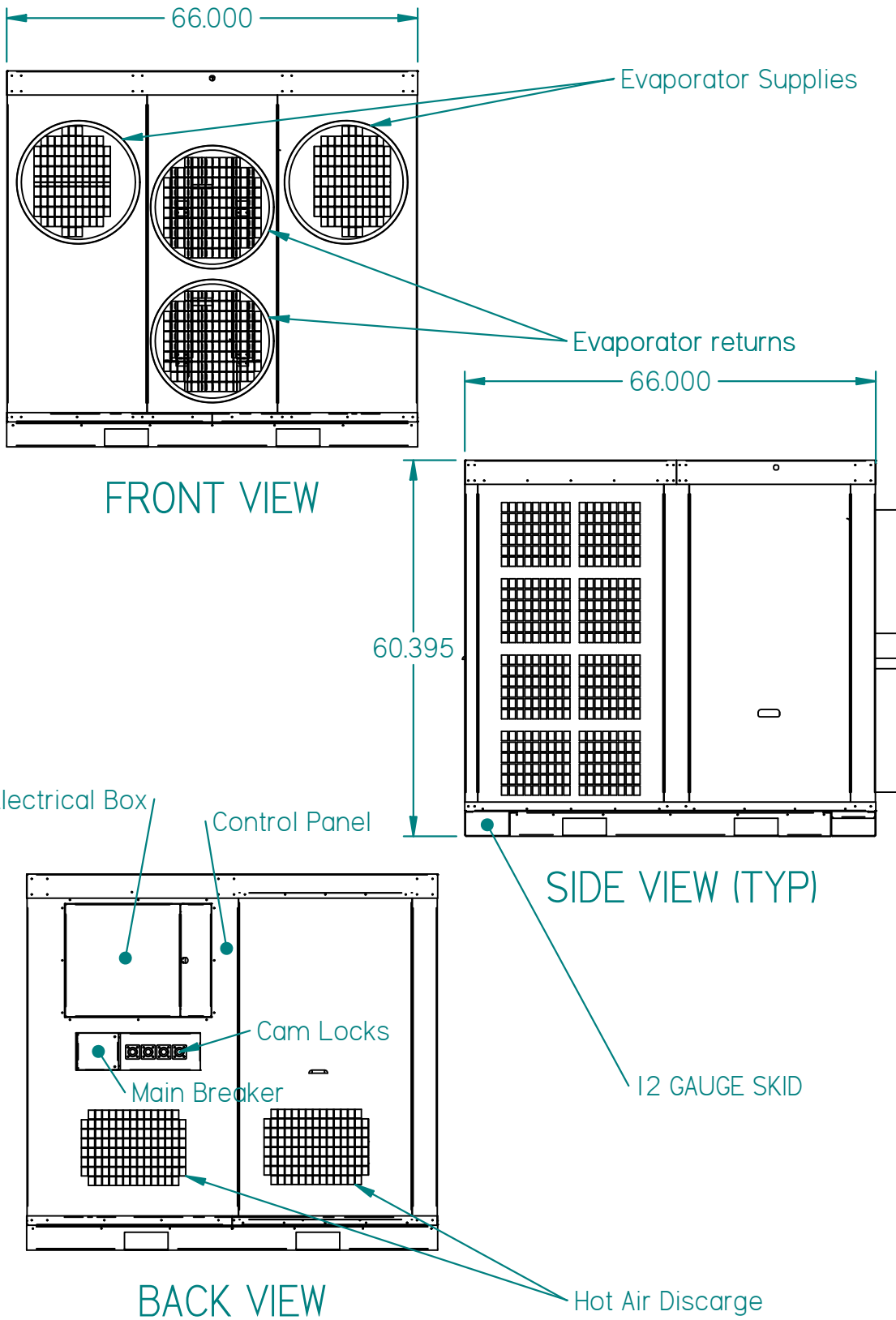
**Kwikool**

**1-800-KWIKOOL**



**KPO**  
INDOOR & OUTDOOR

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**KP025-43**

