BioKool™

Take Control of Quality...

Clean... Purified Dehumidified Air

KwiKool®

KBIO1411
AIR-COOLED PORTABLE

- 100% Stainless Steel
- Hepa Filtration + Ultraviolet Irradiation
- 13,800 BTUH (1-Ton) 115V Single Phase

In combination with the HEPA filter, a high intensity ultraviolet lamp operates at the peak wavelength of energy emission destroying up to 99.97% of airborne pathogens. The air stream and surfaces are both exposed to the germicidal ultraviolet light. The BioKool™ is a highly effective way to destroy microorganisms including: virus, bacteria, and mold spores. The process is clean, because it does not produce dangerous by-products. The dehumidified air is forced throughout the room, a treatment which continually dilutes contaminants to as small as .3 microns. The CDC recommends four lines of defense against infection; pressure, filtration, purification, and dilution. Biokool™ covers all four of those requirements empowering healthcare facilities to meet their primary goal, improving patient outcomes. Biokool™ is economical, safe, and unquestionably the most reliable way to aid in the fight against pathogens.

BIOKOOL™

TEAMWORK
QUALITY
EXCELLENCE

COOLING CAPACITY		
	BTU/hr @95 F at 60%RH	13,800 / 1-Ton
AIR PURIFICATION		
	ULPA/HEPA Filter	99.999% @ > .12 Microns
	UVC Light Wave Length	UVC 17 Watts / Max 85 Watts
COMPRESSOR		
	Compressor Type	Hermetic Rotary
	Operating Temperatures	65-105F 50% RH
	Non-CFC Refrigerant	410A
FAN - EVAPORATOR		
	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	450 / Single Speed
	Supply Air Data	Adjustable Vent
	Supply Air Chute Data (Optional)	2 - 5” dia x 16” length
FAN - CONDENSER		
	I/O Integral Condenser - In/Out	Balanced Air Flow
	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	700
	Condenser Duct Data (Optional)	2 - 12” dia x 8” length
	Condenser Maximum Duct Length	25’
ELECTRICAL		
	Power Supply (Volts)	115 V / Single Phase
	Current Consumption (Amps)	11.5
	Power Consumption (kW)	1.3
	Maximum Circuit Breaker (Amps)	15
	Recommended Breaker Size	15
	Minimum Circuit Ampacity (Amps)	17.09
	Min/Max Voltage	105 - 125
	Power Cord Gauge / Length in Feet	14 AWG / 6’
	Plug Configuration	NEMA 5 - 15
DIMENSIONS		
	Width x Length x Height (inches)	16.325” x 43.25” x 37.75”
	Weight (lbs)	230
	Shipping Weight (lbs)	280
	Ceiling Kit CK-12 Weight (lbs)	38
	Shipping Weight with Ceiling Kit (lbs)	318
SAFETY DEVICE		
	Compressor Overload	Internal
	Fan Motor Overload	Automatic Internal
	Evaporator Freeze-up	Hot Gas Bypass
	High Pressure Switch	Manual
	Low Pressure Switch	Auto
	Compressor Short Cycle	Yes
	Automatic Restart	Yes
	Condensate Pump Overflow	Yes
	Condensate Tank Overflow	Yes

CHAS D. WEST
Military RFQs. *Simplified.*

MADE IN UNITED STATES OF AMERICA
USA
MADE IN UNITED STATS OF AMERICA