



**Air Therapy..... just
what the Doctor ordered**

• Cools • Cleans • Disinfects

BioKool Patent Pending, the only hospital grade portable air conditioner available and the first real solution for emergency or hotspot cooling in a healthcare setting.

In today's healthcare environments, it is more critical than ever to prevent the spread of pathogens and microbes.

BioKool is engineered to meet the high demand for cleanliness in a hospital or other critical environments and significantly reduces airborne particulates and microorganisms while drastically reducing the potential for air conditioner related contaminants.

BioKool's unique "Air Therapy" process cools, cleans, disinfects and retards mold & microbe growth.

- **Cools** - BioKool uses Kwikool's exclusive I/O Integral condenser system which completely isolates the condenser section from the conditioned space to prevent cross contamination and to maintain balanced air pressure.
- **Cleans** - HEPA filter filters out 99.999% of particulates greater than .3 microns in size.
- **Disinfects** - Internal UVC light reduces microorganisms by irradiating the cold air supply.
- **Retards Growth** - Non porous and smooth surface insulation reduces the ability of microbes from attaching to surfaces.



Available in Stainless
Steel or Painted
White Finish





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COOLING CAPACITY		
	BTU/hr @95 F at 60%RH	13,800 / 1-Ton
AIR PURIFICATION		
	ULPA/HEPA Filter	99.999% @ > .3 Microns
	UVC Light Wave Length	UVC 17 Watts / Max 85 Watts
COMPRESSOR DATA		
	Compressor Type	Hermetic Rotary
	Operating Temperatures	60-110F 50% RH
	Non-CFC Refrigerant	410A
FAN DATA EVAPORATOR		
	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	460/Single Speed
	Supply Air Data	Adjustable Vent
	Supply Air Chute Data (Optional)	2 - 5" dia x 16" length
FAN DATA 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 DATA		
	Power Supply (Volts)	115 V / Single Phase
	Current Consumption (Amps)	14.7
	Power Consumption (kW)	1.725
	Maximum Circuit Breaker (Amps)	15
	Recommended Breaker Size	15
	Minimum Circuit Ampacity (Amps)	19.575
	Min/Max Voltage	105 - 125
	Power Cord Gauge / Length in Feet	14 AWG / 6'
	Plug Configuration	NEMA 5 - 15
DIMENSIONAL DATA		
	Width x Length x Height (inches)	16.325" x 43" x 37.25"
	Weight (lbs)	230
	Shipping Weight (lbs)	280
	Ceiling Kit CK-12 Weight (lbs)	17
	Shipping Weight with Ceiling Kit (lbs)	297
SAFETY DEVICE DATA		
	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

