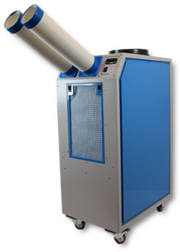
Ebac BKool-16 Portable Air Conditioning 16000 BTU Spot Cooler AC 10971GB-US Vertical Air Conditioner



Model Number: 10971GB-US

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Manufacturer: Ebac

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PRINCIPAL OF AIR CONDITIONING
Heat is a form of energy, cooling is means of transferring the heat from one object to another. In the case of Air conditioning, sensible heat is removed from the indoor space and replaced with cooler air, and the warm air removed is exhausted outside the space being conditioned. This process gradually reduces / maintains the inside temperature. Air Conditioning is most commonly used to achieve a more comfortable interior environment, typically for humans or animals. However, air conditioning is also used to cool rooms filled with heat-producing electronic items, such as computer server rooms. Spot Coolers allow the cool air to be directed towards specific objects or people.
EIPL 44+ YEARS OF PROVEN EXPERIANCE
EIPL have for many years designed and manufactured bespoke Air Conditiong systems for the Military and Rail markets. Customers include:- BAE Systems, AirBus, Alstom, Bombardier and many more. The key requirement when designing for these markets is robustness and reliability. This experience has now been used to develop a range of Spot Coolers aimed towards the commercial / Industrial markets.
EIPL BKool RANGE
The EIPL range of Bkool Spot coolers have been sized to provide cooling for all sized applications. All units are powered from a regular NEMA 6-20P 230V outlet or two standard 5-15R 120 volt outlets with optional converter box (see below.) The self contained, “plug and play” equipment allows easy installation, just connect a suitable duct to the outlet and position, preferable outside, alternatively outside the space to be cooled, connect to a suitable power source and adjust the digital thermostat to the desired temperature. As the BKool Spot Cooler cools the air, moisture is also removed. This water is collected in the internal container, alternatively the container can be changed for a high capacity internal condensate pump, allowing the unit to run for long periods unattended. Safety is always an important consideration with EIPL, therefore the BKool range incorporates both High and Low Pressure stats which prevent the unit from running in unsafe conditions. The large diameter robust castors allow the unit to be easily manoeuvred into positioned, and the brake applied to prevent movement during operation.

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The self contained, “plug and play” equipment allows easy installation, just connect a suitable duct to the outlet and position, preferable outside, alternatively outside the space to be cooled, connect to a suitable power source and adjust the digital thermostat to the desired temperature.
Key Design Features
• Robust steel construction.
• Digital thermostat.
• Dual “Stay put” 4" (100mm) adjustable outlets.
• Large diameter castors with brake.
• Simplistic installation and operation.
• Integral Water Container.
• Ductable warm air outlet.
• Optional $175.00 internal high lift condensate pump (image right.)
• High pressure safety cutout.
• Low pressure safety cutout.

For use in computer rooms, workshops, warehouses, marquees, special events etc. A 4.6m length of condenser outlet hose is ideally required to vent the hot air removed from the space. A window adapter is available to fit on the end of the 300mm diameter hose. To increase efficiency a 200mm inlet hose and an adapter can be used to bring fresh air into the condenser.

Options include:
- Condenser Inlet Adapter mount over front filter for improved efficiency $175 (image on right, accepts 8" ducting)
- 12" Condenser Outlet (hot air) Ducting Hose
- Inbuilt (installed under the hood) Condensate Water Pump $175
- Plastic Window Adapter $175 works with 12" ducting to push the hot air out of the space.
See more accessories HERE

Optional plug in everywhere in every building in the USA, Canada, Mexico, and Japan.

Allows you to plug your 240 volt AC unit into 2 standard 120 volt wall outlets.

Works with all portable and window 240 volt units that draw less than 20 amps at 240 volts

Power Joiner Level 2 Step Up Inverter Electric AC Converts Dual 20 amp 115 Volt outlets to 240 Volt 3 wire 20 amp Use [Reverse6-20R]

Videos On Link!

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Optional
DriStorm CSF382 Ducting 8 inch X 15 ft for use with DefendAir Hepa 500 & EB1400 and Explosion Proof Air Movers SVH15 Ventilation Hose Kit
200mm Diameter for use with optional inlet adapter.
You can also place over both 4" cool out hoses to further push the cool air to a preferred location or though a window.
Video On Link!

Hot air that comes out of the top of the unit can be ducted and moved through a window with optional
Optional DriStorm 12 Inch Ventilation Ducting with Storage Bag-A-Duct 25 ft AC517 Hose [20120122] 300mm
Condenser Discharge Hose
Condenser outlet hose is ideally required to vent the hot air removed from the space when unit is indoors.
When you leave the main unit outdoors you do not need to use this feature.

Height (inch)
47

Width (inch)

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20

Depth (inch)
27

Weight(lbs)
203

Voltage
220-240

Phase
1

Frequency(Hz)
60

Power(kW)
2.3

Current(A)
10

Cooling Capacity(BTU)
16,000

Evaporator Airflow(cfm)
377

Evaporator Static(wg)
63

Condenser Airflow(cfm)
1,120

Steambrite Supply

Ebac BKool-16 Portable Air Conditioning 16000 BTU Spot Cooler AC 10971GB-US Vertical Air Conditioner

Condenser Static(wg)
112

Condenser Outlet Duct Size (inch)
12

Water Container Capacity(pt)
8.5

Noise Level(dba)
72

Min Operating Temp (°F)
64

Max Operating Temp (°F)
113

Factory Brochure
Wire Diagram
Owners Manual
Parts List
Wire Diagram 2

Factory Manufactures this housing in 12,000 BTU, 16,000 BTU, and 24,000 BTU.

Steambrite Supply

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Questions and Answers:
Q. What is a NEMA 6-20P look like that comes factory installed on the unit?
A.

NEMA 6-20P Plug 20 amp 240 volt replacement end For 10 and 12 Awg Wire FREE Shipping 8.709-656.0

Q. Can the factory plug be removed and replaced with any other style 240 volt plug?
A. Yes. The 10-30P, 14-30P, 10-50P, 14-50P, L6-20P, L14-30, L10-30P, 6-50P, L6-50P and many more are all acceptable to use.

Q. Which is better, Inside installation VS outside installation?
A. The AC unit is moving 377 cfm (cubic feet per minute) cooling it and pushing back out the dual 4" directional ducting. This process produces heat that come out the top of the unit. If we install the portable air conditioner in the building we have to push this hot air outside and this causes additional hot air to seep in all the doors, walls, windows which is usually hot humid air. You cannot push air out without that same air being replaced from outside. This is a negative air pressure system. Now if I place the portable AC unit outside and duct my indoor air to the air conditioner and cooled air back inside, you will end up with a positive pressure cooling system. Sometimes you might have felt air blow on your face when you open the door to a large commercial building as the AC units are taking some of the indoor cool air and mix it with outdoor now processed air and blow this into the space. When I have the unit outside I do not have to duct my hot air out since the AC unit is already outside. If you are going to leave outside, please use in a covered area where the unit is out of the rain. In summary outside installation is preferred but requires you to provide the correct power supply, air in and cooled air out access.

Units ship on pallet/skids and subject to trucking limited access fees, lift-gate fees, missed appointment fee, call for an appointment fee.

Options available for Ebac BKool-16 Portable Air Conditioning 16000 BTU Spot Cooler AC 10971GB-US Vertical Air

Conditioner :

Extended Warranty

+ No Extended Warranty, 2 Additional Years Parts Plus On Site Labor (Items under $5000.00) [SBMW2-5000],

Equipment: Restoration > Dehumidifier > Portable AC Units > Ebac BKool-16 Portable Air Conditioning 16000 BTU Spot Cooler AC 10971GB-US Vertical Air Conditioner

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4 Additional Years Parts Plus On Site Labor (Items under $5000.00) [SBMW4-5000].

Shipping Surcharges

Home Delivery Needs Liftgate Curb Service Because No Forklift On Site (Required) No Appointment Provided, None Commercial Address Forklift / Loading Dock On Site No Appointment Provided, +Home Delivery Needs Liftgate Curb Service Because No Forklift On Site With Appointment Delivery Time, Commercial Address But Needs Liftgate Service Because No Forklift or Dock on Site No Appointment Provided.

Availability: This product was added to our catalog on Thursday 04 July, 2019

Steambrite Supply