



BK00L12

16 & 24



**FLEXIBLE
OUTLETS**



**ELECTRONIC
THERMOSTAT**



**DUCTABLE WARM
AIR OUTLET**



**AIR INLET
FILTERS**

**OFFICES • COMPUTER SERVER ROOMS • WORKSHOPS
MANUFACTURING • RETAIL STORES • SPECIAL EVENTS**

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 EXPERIENCE

EIPL have for many years designed and manufactured bespoke Air Conditioning 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 BKOOOL 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 230V domestic supply available in all properties.

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.

APPLICATIONS:

Applications
Offices
Computer Server Room
Workshops
Warehouses
Manufacturing Processes / Facilities
Marquees / Special Events
Temporary Cooling During Plant Maintenance



FEATURES:

	BKool12	BKool16	BKool24
Features	10970GB-GB	10971GB-GB	10972GB-GB
On/Off Control	✓	✓	✓
Electronic Thermostat	✓	✓	✓
Air Inlet Filter	✓	✓	✓
High Pressure Cutout	✓	✓	✓
Low Pressure Cutout	✓	✓	✓
Bucket Fitted / Full Switches	✓	✓	✓
Castors	✓	✓	✓
Ductable Warm Air	✓	✓	✓
Flexiable Directional Outlets	✓	✓	✓
Condensate Pump Option	✓	✓	✓

SPECIFICATIONS:

	BKool12	BKool16	BKool24
Specification	10970GB-GB	10971GB-GB	10972GB-GB
Height (mm)	1130	1180	1280
Width (mm)	500	500	500
Depth (mm)	675	675	740
Weight (kg)	88	92	103
Voltage (V)	230	230	230
Power (kW)	1.7	2.3	3.0
Current (A)	7	10	13
Supply Fuse Rating (A)	13	13	13
Cooling Capacity @ 27°C/60% (BTU)	12,000	16,000	24,000
Evaporator Airflow (m3/hr)	640	640	950
Max Evap Static Pressure (mm/wg)	63	63	63
Condenser Airflow (m3/hr)	1900	1900	1900
Max Cond Static Pressure (mm/wg)	112	112	112
Refrigerant	R407c	R407c	R407c
Water Container Capacity (lts)	4	4	4
Cool Air Outlets - Qty / Dia (mm)	2 / 100	2 / 100	2 / 100
Sound Level (dba)	70	72	72
Duct Diameter (mm)	310	310	310
Operating Conditions - Min/Max (°C)	18 - 35	18 - 35	18 - 35