

Hot Box Axial - HBA

Fan Blower Heater

The Hot Box Axial (HBA) heater is particularly suitable for use in incubator rooms, drying applications, shops, canteens, change rooms, green houses, nurseries, computer rooms and general purpose heating applications.

Rating and performance

HBA Heaters are of robust construction, are simple to operate and have the following features:

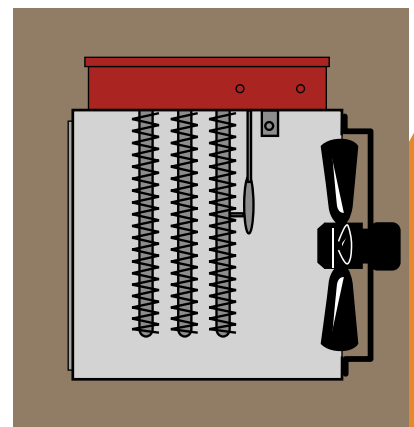
- Single diffuser allowing air flow to be directed as required
- Manual reset cutout protects the heater should the air flow be interrupted
- Stainless steel finned air heating elements to ensure long life
- 4.5 - 18kW units are supplied with a three phase contactor
- Totally enclosed motor with self-oiling noiseless bearings
- Ambient operating environment -40°C to 60°C, normal control thermostat 0 - 40°C
- Delivers approximately 460 litres of air per second
- 25mm cable entry for direct wiring on all models
- Free standing heater suitable for wall and ceiling mounting
- Approx. weights 2kW-9kW 12kg, 15kW & 18kW 15kg
- Compact sizes 2kW-9kW 440mm high x 480mm long x 350mm wide 15kW & 18kW 440mm high x 630mm long x 350mm wide
- Powder coated finish



HBA 2 -6kw model shown includes built in thermostat.

Control thermostat for other models can be purchased separately

CAT No.	LOADING kW	AMPS PHASE	UNIT VOLTAGE	AIR TEMP RISE DEG. C	SAFETY HIGH LIMIT SETTING @ 15 DEG. C AMB
HB20240	2.0	10A/1P	240	2.5	60 deg C
HB30240	3.0	15A/1P	240	4.0	60 deg C
HB45415	4.5	7A/3P	240/415	5.5	60 deg C
HB60415	6.0	9A/3P	240/415	7.5	75 deg C
HB75415	7.5	10A/3P	240/415	9.7	95 deg C
HB90415	9.0	12.5A/3P	240/415	10.5	105 deg C
HB15415	15.0	21A/3P	240/415	17.5	120 deg C
HB18415	18.0	25A/3P	240/415	23.0	120 deg C



Mijell Elements



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ABN 59 001 255 492

Hot Box - Centrifugal

Fan Blower Heater - HBC

The centrifugal blower incorporates a single speed fan which provides a continuous flow of air at relatively low noise levels, enabling these heaters to be used for comfort heating and ventilation in a variety of commercial/industrial situations as well as process heating applications.

Rating and performance

These units are supplied with castor wheels for ease of movement and can be coupled to ducting systems.

Every HBC heater incorporates the following features:

- A powerful 165 watt 240 volt electric motor delivering 450lt per second
- These fan heaters are provided with two stage heat output - 10.5 and 21 kilowatts. Unit can be run with fan only for air movement and ventilation
- Over temperature safety cut out and manual reset button (temp. of intake air should not exceed 75°C).
- Fan Run on timer
- Contactors and selector switch internal wiring all provided complete with a 2.5 metre long flexible lead terminated with a 3 phase 5 pin 32 amp plug
- Stainless steel finned air heating elements for rapid heat dissipation (elements rated at 240 volt for three phase, four wire Star connection)
- Powder coated finished unit, which measures 660mm long x 480mm wide x 700mm high. Weighs approx 50kg



CAT No.	LOADING Kw	AMPS per PHASE	UNIT VOLTAGE	AIR TEMPERATURE RISE °C		SAFETY HIGH LIMIT SETTING
HBC21415	21.0	29.2	240/415	10.5kW 30°C	21kW 52°C	110°C

- Higher wattages available upon request

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