



Hot Box - Axial

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.

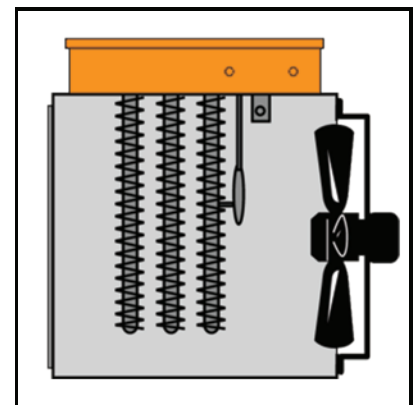


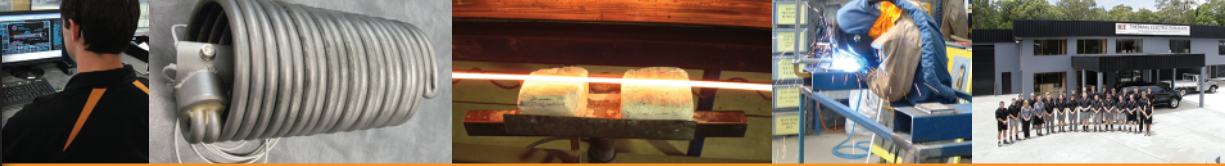
Rating and Performance

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 units - 12kg; 15kW & 18kW units - 15kg
- Compact sizes
 - 2kW - 12kW: 440mm high x 480mm long x 350mm wide
 - 15kW & 18kW: 440mm high x 630mm long x 350mm wide
- Powder coated finish

CAT No.	LOADING kW	AMPS PHASE	UNIT VOLTAGE	AIR TEMP RISE °C	SAFETY HIGH LIMIT SETTING @ 15°C AMB
HB20240	2.0	10A/1P	240	2.5	60°C
HB30240	3.0	15A/1P	240	4.0	60°C
HB45415	4.5	7A/3P	240/415	5.5	60°C
HB60415	6.0	9A/3P	240/415	7.5	75°C
HB75415	7.5	10A/3P	240/415	9.7	95°C
HB90415	9.0	12.5A/3P	240/415	10.5	105°C
HB12415	12.0	16.7A/3P	240/415	14.5	120°C
HB15415	15.0	21A/3P	240/415	17.5	120°C
HB18415	18.0	25A/3P	240/415	23.0	120°C





Hot Box - Centrifugal

Fan Blower Heater

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 165W 240V electric motor delivering 450 litres per second
- These fan heaters are provided with two stage heat output - 10.5 and 21kW.
- The units 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 2.5m 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 240V for three phase, four wire Star connection)
- Powder coated finished unit, which measures 660mm long x 480mm wide x 700mm high. Weighs approx 50kg.
- Different wattages available on request

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

HEAD OFFICE

7 Buckman Cl
TOORMINA NSW 2452
P: 02 6659 6200
F: 02 6653 3839
Email: sales@thermalelectric.com.au
Intl Ph: +61 2 6659 6200
Intl F: +61 2 6653 3839

MELBOURNE OFFICE

4/257 Governor Rd
BRAESIDE VIC 3195
P: 03 8587 6600
F: 03 9580 6333
Email: melbourne@thermalelectric.com.au

SYDNEY OFFICE

19/45 Powers Rd
SEVEN HILLS NSW 2147
P: 02 8814 2500
F: 02 9620 9121
Email: sydney@thermalelectric.com.au

BRISBANE OFFICE

1/8 Hopper Ave
YATALA QLD 4207
P: 07 5547 3300
F: 07 5540 7194
Email: brisbane@thermalelectric.com.au

PERTH OFFICE

Office C1, 1139 Hay St
WEST PERTH WA 6005
P: 08 9363 8700
F: 1800 631 235
Email: perth@thermalelectric.com.au