## HCA Air Curtain

- Provides an invisible barrier across entrances to commercial premises
- Reduces heating and air conditioning costs
- Minimises ingress of pollutants

## **Typical Applications**

- Large shops
- Offices
- Hospitals
- Hotels

## Features

- Attractive, sturdy design
- Wall mounting plate supplied as standard
- Four M6 threaded holes for drop rod suspension

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Control box provided with every air curtain offering high and low settings for airflow and heat

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| Air Curtain Range |                      |             |  |  |  |
|-------------------|----------------------|-------------|--|--|--|
| Model             | kW<br>(high setting) | Length (mm) |  |  |  |
| HCA-09            | 9.0                  | 1113        |  |  |  |
| HCA-13            | 13.5                 | 1621        |  |  |  |
| HCA-18            | 18.0                 | 2121        |  |  |  |

| Physical Data |                             |     |     |      |  |
|---------------|-----------------------------|-----|-----|------|--|
| Model         | Dimensions (mm) Weight (kg) |     |     |      |  |
|               | L                           | D   | н   |      |  |
| HCA-09        | 1113                        | 265 | 254 | 19.6 |  |
| HCA-13        | 1621                        | 265 | 254 | 25.4 |  |
| HCA-18        | 2121                        | 265 | 254 | 31.9 |  |

HCA air curtains reduce heating costs

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## **Performance Data**

| Model  | Volts  | kW   |      | Airflow (m³∕h) |      | dB* @ 3m | Recommended Mounting<br>Height (m) |     |
|--------|--------|------|------|----------------|------|----------|------------------------------------|-----|
|        |        | High | Low  | High           | Low  |          | Min                                | Max |
| HCA-09 | 400/3N | 9.0  | 4.5  | 1879           | 1444 | 64       | 2.5                                | 4.0 |
| HCA-13 | 400/3N | 13.5 | 6.75 | 2617           | 2441 | 69       | 2.5                                | 4.0 |
| HCA-18 | 400/3N | 18.0 | 9.0  | 4100           | 3834 | 66       | 2.5                                | 4.0 |

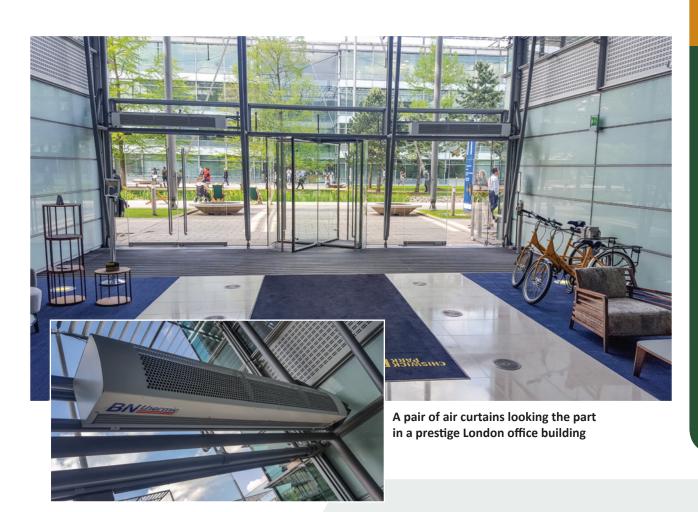
\*Noise levels are factory tested not laboratory tested

| Optional Thermostats     |        |         |  |  |  |
|--------------------------|--------|---------|--|--|--|
| Description              | Model  | Details |  |  |  |
| Standard room thermostat | RST-IN | Page 71 |  |  |  |
| Tamperproof Thermostat   | RST-TP | Page 72 |  |  |  |

Thermostats are connected to the control box and will control heat output while the fan operates continuously.



Control box supplied as standard





HCA air curtains reducing heating costs in a garden centre and a college building



web www.bnthermic.co.uk