

CA COMMERCIAL AIR CURTAINS

What is a Commercial Air Curtain?

A discreet heater designed to fit above doorways, helping to reduce heat loss from 'open door' commercial spaces such as shops, cafes and entrance areas. Commercial air curtains deliver a higher air velocity than standard overdoor heaters, creating a more effective air screen that maintains indoor comfort while minimising energy loss.



Key Features

- Bracket for wall or ceiling mounting
- M8 threaded holes for drop rod suspension
- All heaters can be controlled via the CS-8, CS-9, CS-DT and CS-WIFI controllers due to some models having internal relays
- For multi air curtain installations see SystemX (page 36-37)



Energy Saving Tip

Installing a CS-8 switch gives you a low heat option which reduces your electricity consumption (ideal for warmer months).



CA Commercial Air Curtains

| Model | kW | Length (mm) |
|---------|------|-------------|
| CAS-30 | 3.0 | 635 |
| CAD-60 | 6.0 | 1105 |
| CAD-90 | 9.0 | 1105 |
| CAT-90 | 9.0 | 1620 |
| CAT-135 | 13.5 | 1620 |
| CAH-180 | 18.0 | 2085 |

Controls

| | Description | Model | Details |
|--|---|--------------------|----------|
| | Switch for single fan heater (on/off/high heat/low heat/fan only) | CS-8 NEW | Page 134 |
| | Switch for two fan heaters (on/off/high heat/low heat/fan only) | CS-9 NEW | Page 134 |
| | Electronic thermostat 16A with built-in CS-8 switch | CS-DT NEW | Page 135 |
| | WiFi thermostat 16A with built-in CS-8 switch | CS-WIFI NEW | Page 135 |
| | Adjustable room thermostat 16A | RST3-IN | Page 120 |
| | Tamperproof room thermostat 16A | RST3-TP | Page 120 |

*Tamperproof function available on these models

Technical

| Model | kW | | Volts | Airflow (m³/h) | dB* @2m | Recommended Mounting Height(m) | | Dimensions (mm) | | | Weight (kg) |
|---------|------|------|---------------|----------------|---------|--------------------------------|-----|-----------------|-----|-----|-------------|
| | High | Low | | | | Min | Max | W | D | H | |
| CAS-30 | 3.0 | 2.0 | 230 | 345 | 60 | 2.5 | 3.5 | 635 | 108 | 225 | 8.5 |
| CAD-60 | 6.0 | 4.0 | 230 | 690 | 61 | 2.5 | 3.5 | 1105 | 108 | 225 | 13.5 |
| CAD-90 | 9.0 | 4.5 | 230 | 690 | 61 | 2.5 | 3.5 | 1105 | 108 | 225 | 13.5 |
| CAT-90 | 9.0 | 6.0 | 230 or 400/3N | 1035 | 61 | 2.5 | 3.5 | 1620 | 108 | 225 | 19 |
| CAT-135 | 13.5 | 6.75 | 400/3N | 1035 | 61 | 2.5 | 3.5 | 1620 | 108 | 225 | 19 |
| CAH-180 | 18.0 | 12.0 | 400/3N | 1440 | 66 | 2.5 | 3.5 | 2085 | 108 | 225 | 22.5 |

*Noise levels are factory tested not laboratory tested



M3 Service Station

Location: Hampshire

Installed: 1 x 9kW Commercial Air Curtain



Bedford Timber Supplies

Location: Bedford

Installed: 1 x 13.5kW Commercial Air Curtain