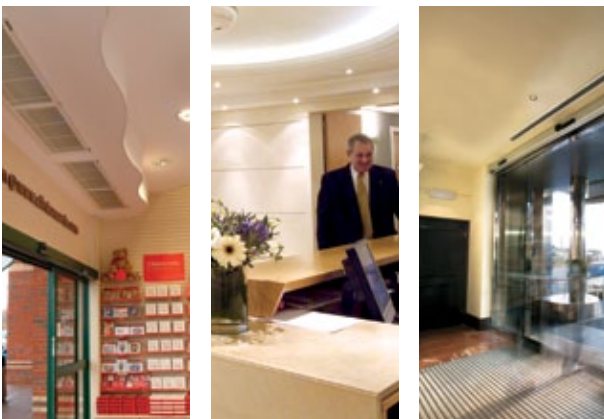




ACR Series

RECESSED AIR CURTAIN



 **AIRBLOC**
ENERGY SAVING AIR CURTAINS

ACR Series

RECESSED AIR CURTAIN



Introduction

The Airbloc ACR Series recessed cased air curtain is designed for discreet positioning in a suspended ceiling or bulkhead in the doorways of retail or commercial premises. It creates comfortable conditions for staff and customers by providing a powerful down-flow of heated or ambient air.



Features & Benefits

- Suitable for mounting heights of three or four metres dependent upon capacity
- Available in four sizes - 1.2m, 1.5m, 1.8m and 2m
- Output velocity of 7m/sec or 8.4m/sec on standard capacity models and 11m/sec for high capacity models
- Only 200mm or 220mm deep - shallowest of its type on the market. This maximises internal space by reducing the required depth of the suspended ceiling into which it is recessed
- Prevents heated or conditioned air escaping through open doors
- Optional case for doorways with restricted space and no suspended ceiling or bulkhead



Model Range

The ACR Series is available in 3 versions:

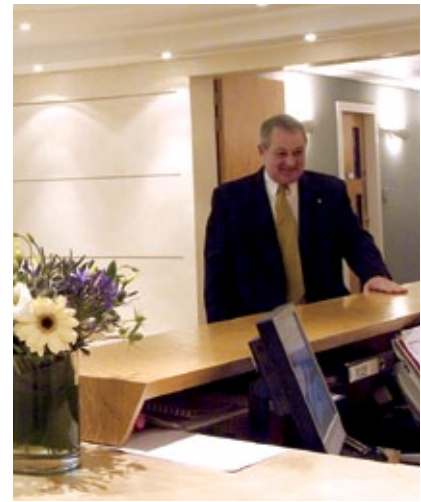
- Ambient (non-heated)
- Electric heating
- Low pressure hot water heating (LPHW)

Chassis-recessed models are also available, for further information contact AmbiRad.

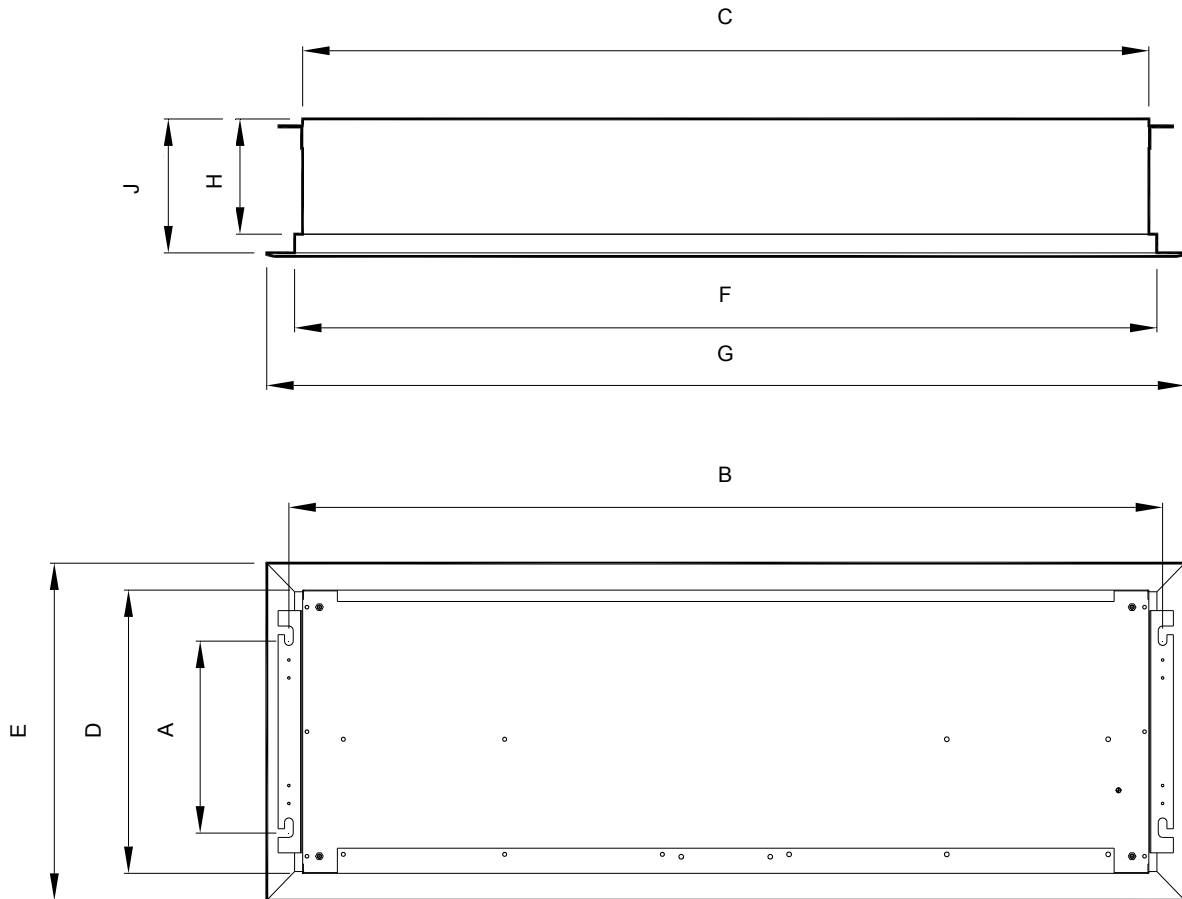
Choice of outputs - 6, 9, 12 and 18kW (heated models)

ACR Series Applications

- Hotels
- Restaurants
- Retail outlets
- Showrooms



Dimensions



| DIMENSIONS | | | | | | |
|------------|----|-------------------|--------|--------|---------------|--------|
| Model | | Standard Capacity | | | High Capacity | |
| | | ACR100 | ACR150 | ACR200 | ACR120 | ACR180 |
| Length | | | | | | |
| A | mm | 253 | 253 | 253 | 407 | 407 |
| B | mm | 1220 | 1520 | 2020 | 1185 | 1785 |
| C | mm | 1182 | 1482 | 1982 | 1150 | 1750 |
| D | mm | 395 | 395 | 395 | 550 | 550 |
| E | mm | 454 | 454 | 454 | 608 | 608 |
| F | mm | 1205 | 1505 | 2005 | 1150 | 1750 |
| G | mm | 1242 | 1542 | 2095 | 1210 | 1810 |
| H | mm | 160 | 160 | 160 | 180 | 180 |
| J | mm | 200 | 200 | 200 | 220 | 220 |

| TECHNICAL DATA - All Models | | | | | | |
|-----------------------------|-------------------|-------------------|------------|------------|---------------|------------|
| Model | Ambient | Standard Capacity | | | High Capacity | |
| | | ACR100SA | ACR150SA | ACR200SA | ACR120HA | ACR180HA |
| | | ACR100SE9 | ACR150SE12 | ACR200SE18 | ACR120HE12 | ACR180HE18 |
| | LPHW | ACR100SW9 | ACR150SW12 | ACR200SW18 | ACR120HW12 | ACR180HW18 |
| Maximum door width | mm | 1200 | 1500 | 2000 | 1200 | 1800 |
| Maximum mounting height | mm | 3000 | 3000 | 3000 | 4000 | 4000 |
| Maximum air volume | m ³ /h | 1646 | 2085 | 2851 | 2300 | 3300 |
| Maximum velocity | m/s | 7.0 | 7.0 | 8.4 | 11.0 | 11.0 |
| Approximate weight | kg | 28.0 | 34.0 | 49.0 | 38.0 | 55.0 |

Ambient

| TECHNICAL DATA - Ambient | | | | | | |
|--------------------------|---------|-----------------------|------------|------------|---------------|------------|
| Model | Ambient | Standard Capacity | | | High Capacity | |
| | | ACR100SA | ACR150SA | ACR200SA | ACR120HA | ACR180HA |
| | | ACR100SE9 | ACR150SE12 | ACR200SE18 | ACR120HE12 | ACR180HE18 |
| Motor power | W | 60 | 60 | 90 | 370 | 370 |
| Electrical supply | | 230 volt 1 phase 50Hz | | | | |
| Total electrical load | amps | 0.26 | 0.26 | 0.40 | 1.6 | 1.6 |

Electric 1 phase

| TECHNICAL DATA - Electric 1 phase | | | | | | |
|-----------------------------------|---------|-----------------------|---------------|---------------|---------------|------------|
| Model | Ambient | Standard Capacity | | | High Capacity | |
| | | ACR100SE6-1PH | ACR150SE6-1PH | ACR200SE9-1PH | ACR120HE12 | ACR180HE18 |
| | | ACR100SE9 | ACR150SE12 | ACR200SE18 | ACR120HE12 | ACR180HE18 |
| Maximum heating capacity | kW | 6 | 6 | 9 | 12 | 18 |
| Motor power | W | 60 | 60 | 90 | 370 | 370 |
| Electrical supply | | 230 volt 1 phase 50Hz | | | | |
| Total electrical load (per phase) | amps | 26.5 | 26.5 | 39.6 | 17.3 | 25.6 |

Electric 3 phase

| TECHNICAL DATA - Electric 3 phase | | | | | | |
|-----------------------------------|---------|-----------------------|------------|------------|---------------|------------|
| Model | Ambient | Standard Capacity | | | High Capacity | |
| | | ACR100SE9 | ACR150SE12 | ACR200SE18 | ACR120HE12 | ACR180HE18 |
| | | ACR100SE9 | ACR150SE12 | ACR200SE18 | ACR120HE12 | ACR180HE18 |
| Maximum heating capacity | kW | 9 | 12 | 18 | 12 | 18 |
| Motor power | W | 60 | 60 | 90 | 370 | 370 |
| Electrical supply | | 415 volt 3 phase 50Hz | | | | |
| Total electrical load (per phase) | amps | 12.6 | 16.8 | 25.2 | 17.3 | 25.6 |

LPHW

| TECHNICAL DATA - LPHW | | | | | | |
|--------------------------|---------|-----------------------|------------|------------|---------------|------------|
| Model | Ambient | Standard Capacity | | | High Capacity | |
| | | ACR100SW9 | ACR150SW12 | ACR200SW18 | ACR120HW12 | ACR180HW18 |
| | | ACR100SW9 | ACR150SW12 | ACR200SW18 | ACR120HW12 | ACR180HW18 |
| Maximum heating capacity | kW | 9 | 12 | 18 | 12 | 18 |
| Motor power | W | 60 | 60 | 90 | 370 | 370 |
| Electrical supply | | 230 volt 1 phase 50Hz | | | | |
| Total electrical load | amps | 0.26 | 0.26 | 0.40 | 1.6 | 1.6 |

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