

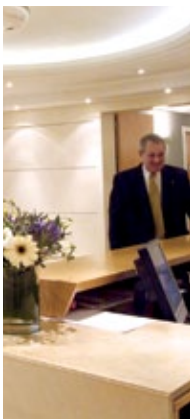


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# ACR Series

RECESSED AIR CURTAIN



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## 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:

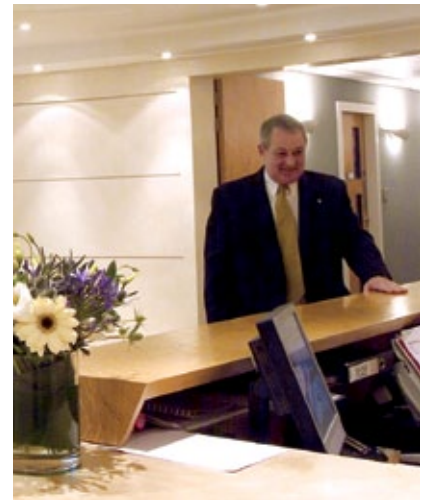
- Ambient (non-heated)
- Electric heating
- Low pressure hot water heating (LPHW)

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

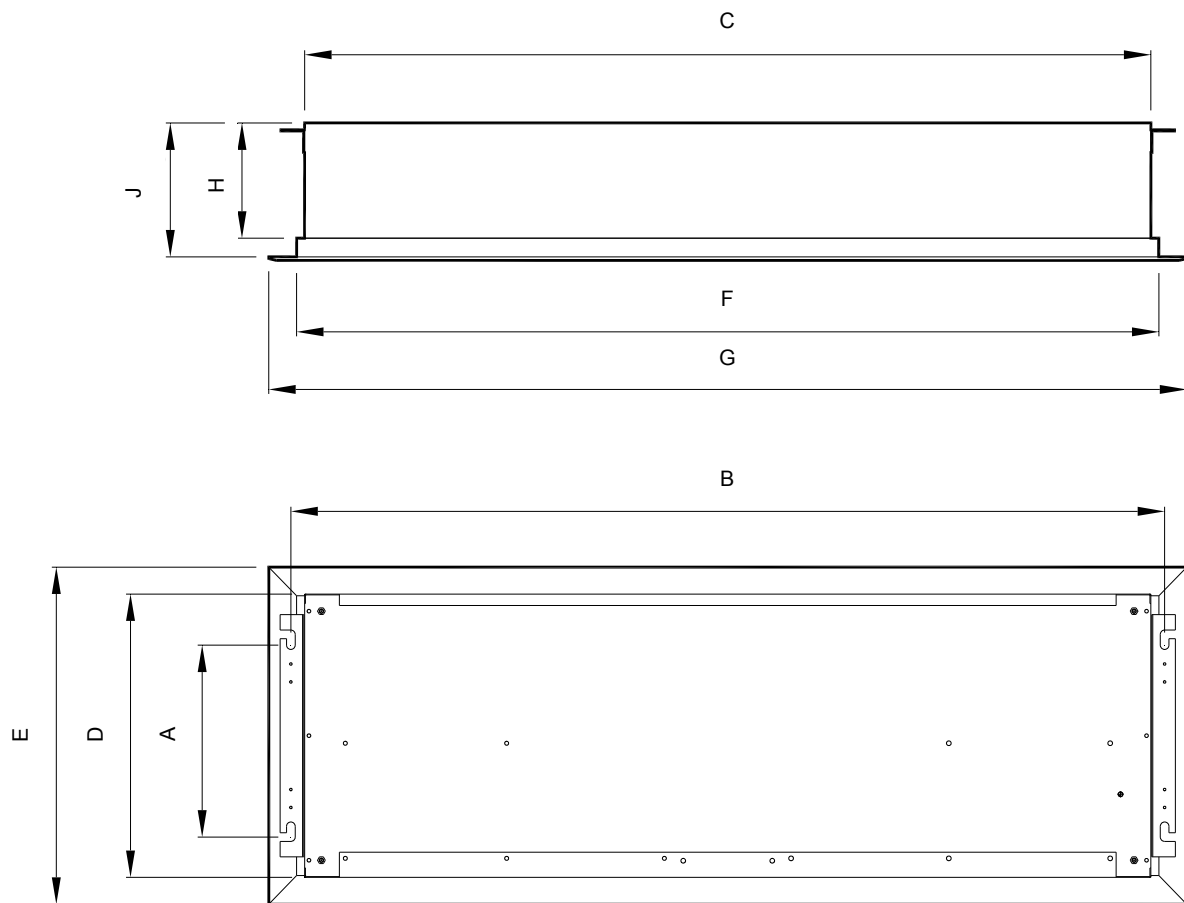
Choice of outputs - 6, 9, 12 and 18kW (heated models)

## 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			Standard Capacity			High Capacity	
	Ambient		ACR100SA	ACR150SA	ACR200SA	ACR120HA	ACR180HA
	Electric		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 <sup>3</sup> /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			Standard Capacity			High Capacity	
			ACR100SA	ACR150SA	ACR200SA	ACR120HA	ACR180HA
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			Standard Capacity				
			ACR100SE6-1PH	ACR150SE6-1PH	ACR200SE9-1PH		
Maximum heating capacity	kW		6	6	9		
Motor power	W		60	60	90		
Electrical supply			230 volt 1 phase 50Hz				
Total electrical load (per phase)	amps		26.5	26.5	39.6		

## Electric 3 phase

TECHNICAL DATA - Electric 3 phase							
Model			Standard Capacity			High Capacity	
			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			Standard Capacity			High Capacity	
			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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ENERGY SAVING AIR CURTAINS

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