

HCA2 High Capacity Air Curtain - now with *SystemX* control



FAN ASSISTED HEATERS

- Provides an invisible barrier across entrances to commercial premises
- Reduces heating and air conditioning costs
- Up to 12 air curtains can be controlled from a single point



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
- Control connections by Cat5 cable for super-fast error-free installations
- Controllers do not require their own 230V SUPPLY

HCA2 air curtains reduce heating costs

Air Curtain Range		
Model	kW (high setting)	Length (mm)
HCA2-09	9.0	1113
HCA2-13	13.5	1621
HCA2-18	18.0	2121

Physical Data				
Model	Dimensions (mm)			Weight (kg)
	L	D	H	
HCA2-09	1113	265	254	19.6
HCA2-13	1621	265	254	25.4
HCA2-18	2121	265	254	31.9

Performance Data								
Model	Volts	kW		Airflow (m ³ /h)		dB* @ 3m	Recommended Mounting Height (m)	
		High	Low	High	Low		Min	Max
HCA2-09	400/3N	9.0	4.5	1879	1444	66	2.5	4.0
HCA2-13	400/3N	13.5	6.75	2617	2441	71	2.5	4.0
HCA2-18	400/3N	18.0	9.0	4100	3834	68	2.5	4.0

*Noise levels are factory tested not laboratory tested



An air curtain looking the part in a prestige London office building

SystemX Control Components

Every installation will require one of the following controller options

Type	Description	Model	Details
Controller	Thermostat On/off/high/low/fan only settings Open window detection (optional)	CX1	Page 82
Controller	Tamper resistant thermostat On/off/high/low/fan only settings Open window detection (optional)	CX2	Page 82
Controller	No thermostat On/off/high/low/fan only settings	CX3	Page 82
Controller	Digital programmable thermostat Optimum start feature (optional)	CX6	Page 82
Sensor	Optional remote sensor Use with CX1, CX2 or CX6	CXS	Page 82
Cable	Cat5 terminated 5m	DX05	---
Cable	Cat5 terminated 10m	DX10	---
Cable	Cat5 terminated 20m	DX20	---
Joiner	Cat5 Cable Joiner	JX1	---



Control as many as 12 air curtains from a single point

Pair of 18kW air curtains mounted above automatic sliding doors in a supermarket



Air curtain reducing heating costs in a DIY store

Air curtain suspended from drop rods



Important Note. For an HCA2 air curtain to provide an effective air barrier, a high air velocity is required. The resulting noise output must be considered. For this reason, we do not recommend HCA2 air curtains for smaller shops or where people are working in close proximity to the entrance.