HCA2 High Capacity Air Curtain - now with **System** Control



- 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

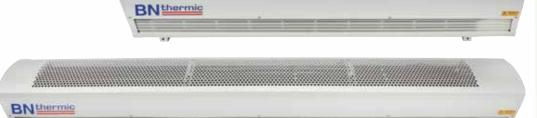


Typical Applications

- Large shops
- Offices
- Hospitals
- Hotels



- 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



HCV3	air	curtains	roduco	heating	cost
HLAZ	aır	curtains	reauce	neating	COST

Air Curt	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	Dim	ensions (n	Weight (kg)				
	L	D	Н				
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 (m³/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						
Туре	Description	Model	Details			
Controller	Thermostat	CX1	Page 82			
	On/off/high/low/fan only settings					
	Open window detection (optional)					
Controller	Tamper resistant thermostat	CX2	Page 82			
	On/off/high/low/fan only settings					
	Open window detection (optional)					
Controller	No thermostat	СХЗ	Page 82			
	On/off/high/low/fan only settings					
Controller	Digital programmable thermostat	CX6	Page 82			
	Optimum start feature (optional)					
Sensor	Optional remote sensor	CXS	Page 82			
	Use with CX1, CX2 or CX6					
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.