



SmartElec²

ENERGY SAVING CONTROL



 **AIRBLOC**
ENERGY SAVING AIR CURTAINS

SmartElec²

ENERGY SAVING CONTROL



Introduction

A new energy saving control unit that reduces both power consumption and energy costs by up to 50%, SmartElec² is the perfect complement for Airbloc energy saving air curtains. Suitable for both new and existing installations SmartElec² is packed with features to make life easier for installers and users alike.

Perfect complement for Airbloc energy saving air curtains



AC - Commercial / retail air curtain



ACR - Recessed air curtain

Features

- Simple installation - wiring via a plug and play cable and connectors are direct to the controller, no intermediary terminal blocks are required
- Easy programming - users merely select whether they require the heat on or off, the required fan setting (1, 2 or 3 speed), and the outlet temperature setting
- Ability to be linked with air-conditioning units via optional relay, enabling elements to be switched off when in cooling mode
- For new installation, factory-fitted power units are mounted in the air curtain and pre-wired to air curtain components
- Retrospective fitting - can be fitted into some existing air curtains or placed in an enclosure elsewhere and wired to the air curtain
- BMS compatible via Modbus communication
- Maintains constant outlet temperature at required room setting with tolerance for countering air curtain velocity
- Air outlet sensor mounted within the air curtain to enable accurate room set temperatures
- Suitable for use with Airbloc AC and Airbloc ACR 3 phase electrically heated units
- Can be linked to PIR
- Linked to external thermostat for proportional control in various set temperatures

Benefits

- Energy saving - intelligent controller monitors set temperatures to ensure that once reached the unit merely modulates to maintain temperature
- Cost savings - no specialist commissioning required
- Reduced payback period on investment thanks to the significant energy savings generated
- Easier installation between air curtain and control panel - via plug and play 24V Belden 8132 cabling (various lengths available)
- Centralised control - units can be mounted up to 100m from the air curtain
- Good aesthetic appearance - the stainless steel slimline control pad complements most modern interiors
- Enhanced security - all units can be security coded to prevent unauthorised access
- Interlink and independent control of up to 16 air curtains from one control panel



AmbiRad Limited (Airbloc Division)
Fens Pool Avenue Brierley Hill
West Midlands DY5 1QA
United Kingdom



Tel: 01384 489700
Fax: 01384 489707
Email: marketing@airbloc.co.uk
Website: www.airbloc.co.uk



AIRBLOC
ENERGY SAVING AIR CURTAINS

Airbloc is a registered trademark of AmbiRad Limited. Because of continuous product innovation, AmbiRad reserves the right to change product specification without due notice.