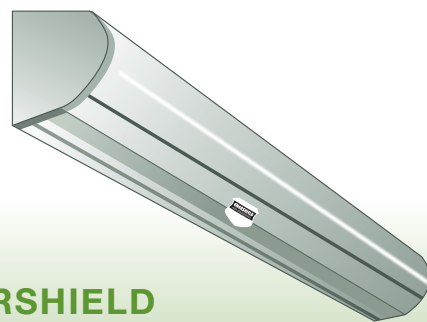


ENERGY SAVING AIR BARRIERS



THINK EFFICIENT, THINK ENVIRONMENT, THINK ENERSHIELD



Why Enershield?

SAVE ENERGY. Selection of the right air barrier is as crucial as the decision to install the technology in the first place.

The **Enershield** is UK manufactured to a Canadian design and it is built to perform in the toughest climates, hot or cold. Build quality and performance guarantees are industry leading.

Enershield air barrier technology is designed to create a seal over an opening and prevent the transfer of air between inside and out.

For every unit of energy that your **Enershield** consumes, it will save approximately 15 units of energy.



What is an air barrier?

The **Enershield** air barrier creates a “**virtual door**” by re-circulating ambient air and forcing it across an opening to create a **90%** seal. The seal separates the atmospheres on either side and stops the transfer of temperature, humidity, dust, odours and insects. With just a draught of air creating the barrier, vehicles and pedestrians can pass without obstruction.

For typical installations our units are unheated. If heating is something that you require, it can be added.

Air Barrier v. Air Curtain?

Air barriers should not be confused with a heated warm air curtain, whose primary design objective is to provide warmth at an open doorway. Without a proper seal over an open door, your expensively heated or air-conditioned air, along with the warm blast from a typical heated air curtain is immediately conveyed to the outside. A typical 5kw air curtain, operating 8 hours per day, 5 days per week will consume in excess of £1,000 of electricity per annum. Under the same conditions an **Enershield** unit will consume £60 of electricity per annum.

DON'T FIT AN AIR CURTAIN, FIT AN ENERSHIELD AIR BARRIER

Model Range

Microshield (MCS)

for climate control on openings up to 2.1m high.
Not recommended for doors facing a high wind velocity or with vehicle/forklift traffic.
Compact, economical, low-profile design made for retail and personnel doorways.
Units come in 915mm, 1220mm, and 1830mm lengths – multiple units can be positioned in-line for larger width openings. Standard plug-in units with 2 speed settings (Hi and Low).

	MCS-36	MCS-48	MCS-72
Air Velocity (m/s) High / Low	16/12.7	16/12.7	16/12.7
Air Volume (l/s) High / Low	305/250	416/333	632/500
Motor(s)(w)	2@150w	2@150w	3@150w
Weight kg	16	18	26
Noise level (dB) High setting	52	53	57
Noise level (dB) Low setting	49	50	55

Comfortshield (CS)

for climate control on openings up to 2.4m high. Not recommended for doors with vehicle/forklift traffic.

Durashield (DS)

for climate control on openings up to 2.4m high.

Durashield HD (DSH)

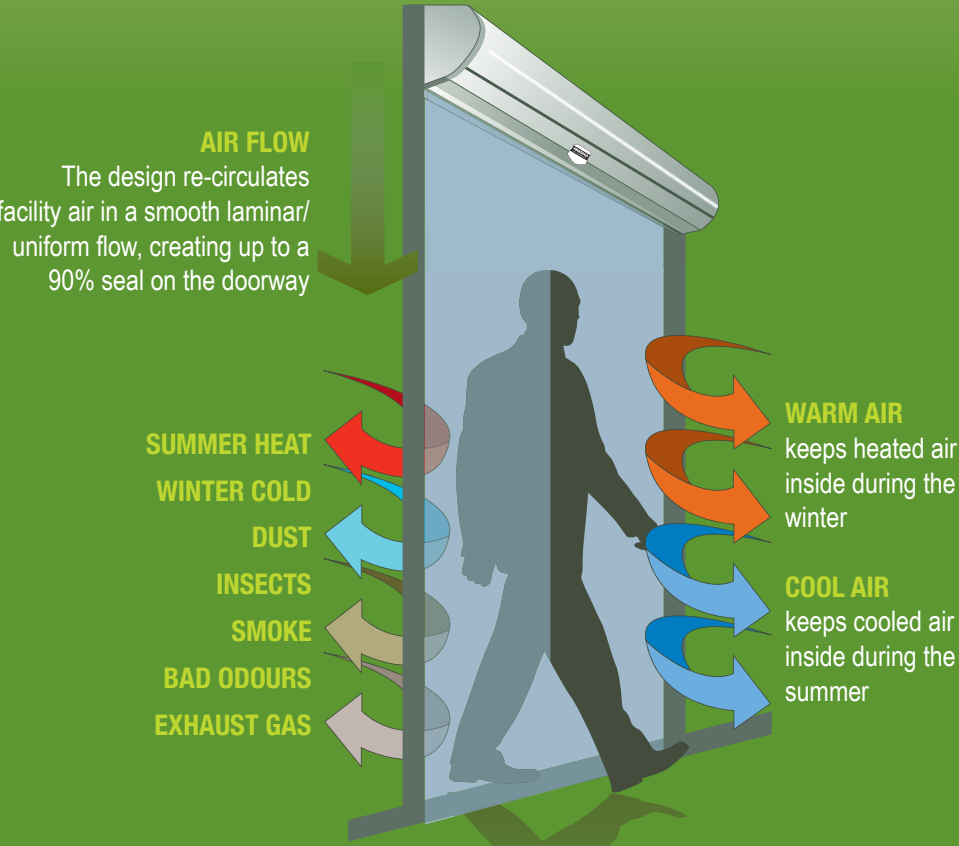
for climate control on openings up to 3.6m high.

Ultrashield (US)

for climate control on openings up to 5.4m high.

Megashield (MGS)

for climate control on openings up to 11.5m high.



Other Applications

Warehouse and manufacturing facilities –
shipping/receiving doors, loading bays and workshops

Food production –
temperature control, environmental separation, insect or odour control

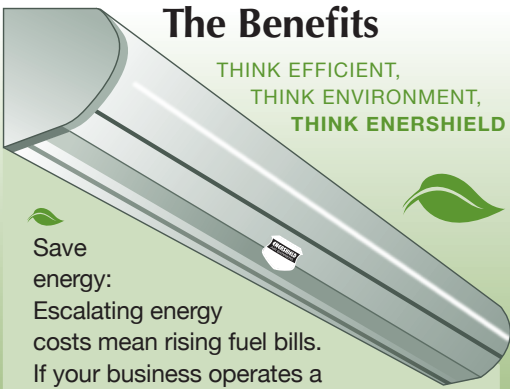
Retail outlets –
loading bays, store entrances & exits, comfort control

Freezer rooms –
for maintenance of controlled temperatures and prevention of frost build up

Local Distributor:

The Benefits

THINK EFFICIENT,
THINK ENVIRONMENT,
THINK ENERSHIELD



Save energy:
Escalating energy costs mean rising fuel bills.
If your business operates a welcoming “open door” policy to attract passing trade then your heating costs will be a major expense.

Enhanced comfort for employees and customers. Keeps the outside air out and the inside air in, maintaining the warmth of your heating in winter and the coolness of your air-conditioning in the summer.

Atmospheric separation. In other words: airborne problems like dust, insects, smoke, traffic fumes and odours are all prevented from passing through the Enershield.

Reduced demand on your heating and air-conditioning systems reduces servicing costs and increases their life expectancy.

With reduced energy consumption, typical installations provide a payback of less than 2 years.

Stylish, aesthetic and unobtrusive design.

Improved safety and accessibility with unobstructed doorways and unrestricted access.

**DON'T FIT AN AIR CURTAIN,
FIT AN ENERSHIELD AIR BARRIER**



Available in brushed aluminum, black, or white
*Installation hardware included



Enershield Europe
Calderhead Road, Shotts,
Lanarkshire, ML7 4EQ, UK.

Tel: 0870 241 2452

Fax: 0870 241 2421

email: enquiries@enershield.eu
www.enershield.eu