



VISUAL
PRIVACY



REMOTE
CONTROL



THERMAL
INSULATION



BRITISH
TECHNOLOGY
MANUFACTURER

Overview

Insulating glazing incorporating switchable smart glass technology

This durable solid state technology replaces the need for old fashioned blinds or curtains offering greater control and comfort within any room. The (PDLC) switchable layer is coated down on the inner surface of one panel of glass, then this is combined with a second panel of glass to form a sealed unit. Our switchable double glazed windows utilise a warm edge spacer bar with an argon filled air gap in between to offer greater insulation and performance. Depending upon the customer requirements we offer a variety of glass options e.g. low iron, low E coatings to provide the most efficient smart glass windows on the market today.

A simple ON - OFF mode switches the glass from being clear to frosted. This product is simple to install just like any standard double glazed sealed unit. Enjoy the benefits of insulated glass making your room warmer in the winter and cooler in the summer. You can even treat this technology like normal glass windows, since it requires no maintenance or special cleaning requirements.

Features

- Standard thickness of sealed units 18mm, 24mm and 28mm
- Maximum single unit size 1.5 x 3.0 metres
- Energy efficient sealed units (Argon filled)
- Operating power 110VAC, frequency 50/60Hz
- Power used 7 watts & current 0.1 amperes per m²
- Custom panel sizes made to order

Benefits

- Switches from clear to frosted
- No external wires
- Panel size up to 3 metres (118")
- Easy maintenance and cleaning
- Low energy consumption
- Custom panel sizes made to order

Applications

- Privacy / security glass
- Vision panels / doors
- Conservatories / sun rooms
- Sky lights / glass roofs
- Bathrooms / kitchens
- External glazing / windows
- Replace blinds / curtains