



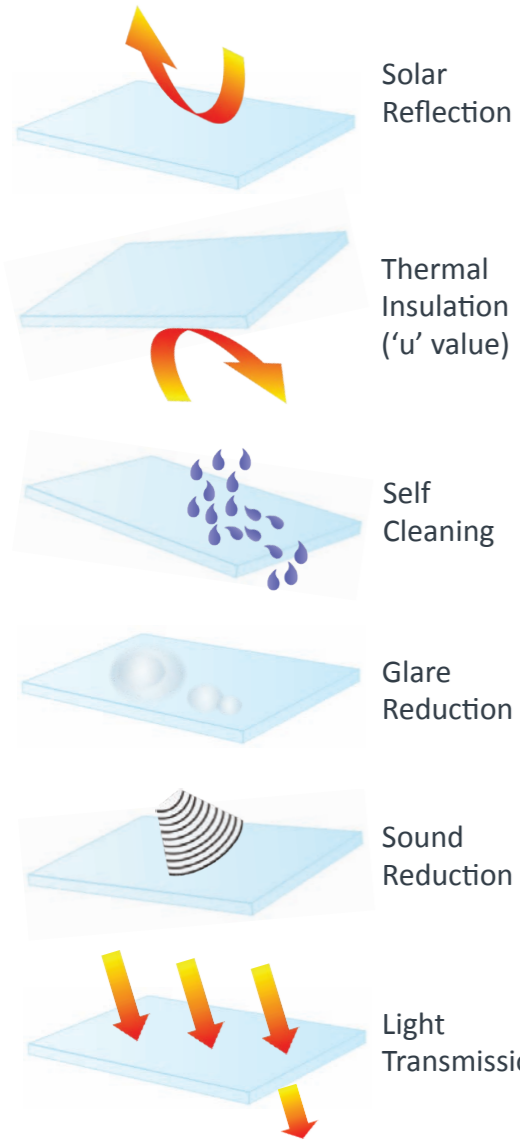
Technical Specification

High technology solutions for today's conservatories

All Climate double glazed units incorporate toughened safety glass and are manufactured to the highest British and European Standards, accredited to BS EN 1279 and BS EN 12150.

Units incorporate Argon gas, a safe and inert gas that improves insulation, and warm-edge spacer bar technology that reduces "cold spots" and condensation, avoiding the formation of unsightly mould while improving thermal insulation.

Solar reflection is the amount of heat from the sun that is deflected away. 'U' value, or thermal insulation, is a measure of the rate of heat loss through the double glazing, and calculated as W/m²K. The lower the 'u' value, the better thermal insulation is achieved. Light transmission is the percentage of visible light directly transmitted through the glass.



	Climate Activ Blue	Climate Activ Neutral	Climate HP	Standard double glazing
Solar Reflection	61%	61%	76%	24%
Thermal Insulation	1.2	1.2	1.1	2.7
Self Cleaning	Yes	Yes	Optional	No
Glare Reduction	Yes	Yes	Yes	No
Sound Reduction*	Yes	Yes	Yes	Yes
Light Transmission	52%	44%	43%	81%

*Over 100% sound reduction is achieved compared with 25mm polycarbonate

 **CLIMATE**
a glass for all seasons
www.climateglass.co.uk

Part of the Glass Systems Group.
www.glasssystems ltd.co.uk

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Introducing Climate
The new leader in conservatory roof glass



A new Climate for your conservatory

Create a true “room for all seasons” with the new Climate range of conservatory roof glass.

When choosing your conservatory, the material you select for your roof glazing can make all the difference to all-year round enjoyment.

Compared to polycarbonate, glass offers a much longer lifespan while traffic and rainfall noise are reduced by over 100%.

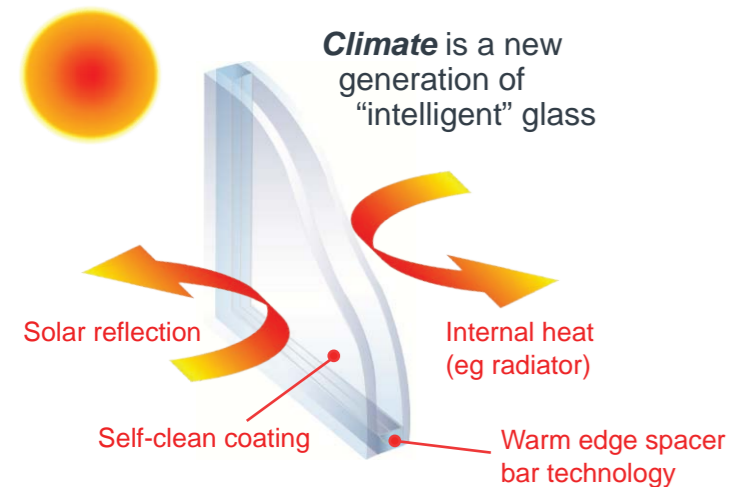
And now, with the introduction of Climate roof glass, your conservatory can be enjoyed whatever the weather.

Using the very latest technology, Climate glass combines solar reflection and thermal insulation, while reducing the damaging UV rays that can fade furnishings and fabrics.

Glare is reduced, your conservatory is warmer in winter and energy bills are lower. What’s more, Climate features a self-clean coating so that dirt and grime are washed away.

Climate is available in three options, Climate Activ Blue, Climate Activ Neutral, and Climate HP.

“With Climate we don’t need to install expensive blinds.”



Climate Activ™ Blue

With its crisp blue finish, Climate Blue is a stunning addition to your conservatory.

Climate Activ Blue isn’t just stylish. This intelligent glass reflects over 60% of the sun’s solar energy, so your new conservatory won’t become unbearably hot in summer. Solar glare is reduced too, creating a beautifully ambient environment.

A combination of low emissivity inner glass and argon gas filling means Climate Activ Blue gives twice the insulation of ordinary double glazing, which reduces energy costs and keeps your conservatory warmer in Winter.

You’ll appreciate the special self-clean coating with a microscopic film which helps daylight and rainwater breakdown and wash away dirt and grime.

Climate Activ™ Neutral

All the benefits of Climate Activ Blue, without the tint.

Climate Activ Neutral offers the insulation and self-cleaning properties of Activ Blue, but without the tint.

Ideal for the side-frames in your conservatory, or on certain conservatory installations where exposure to sunlight is reduced, Activ Neutral combines all the benefits of Climate with a clear finish.

“The self cleaning glass is so clever, it only requires minimum effort to keep clean.”



New Climate HP

The new High Performance glass for ultimate conservatory comfort

Climate HP is the very latest in conservatory roof glazing technology. With an attractive blue/green tint, Climate HP glass deflects 76% of the sun’s solar energy, so even on the hottest of Summer days your conservatory can still be enjoyed to the full.

In fact, no other glass will keep your conservatory cooler, while retaining the superior insulation and energy efficiency of all Climate products.

Climate HP is also available with easy clean coating, and, like all Climate products, features argon gas filling and warm-edge technology which improves insulation and can reduce condensation.

