

Introducing Climate

The leader in conservatory roof glass

CLIMATE

a glass for all seasons™

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.

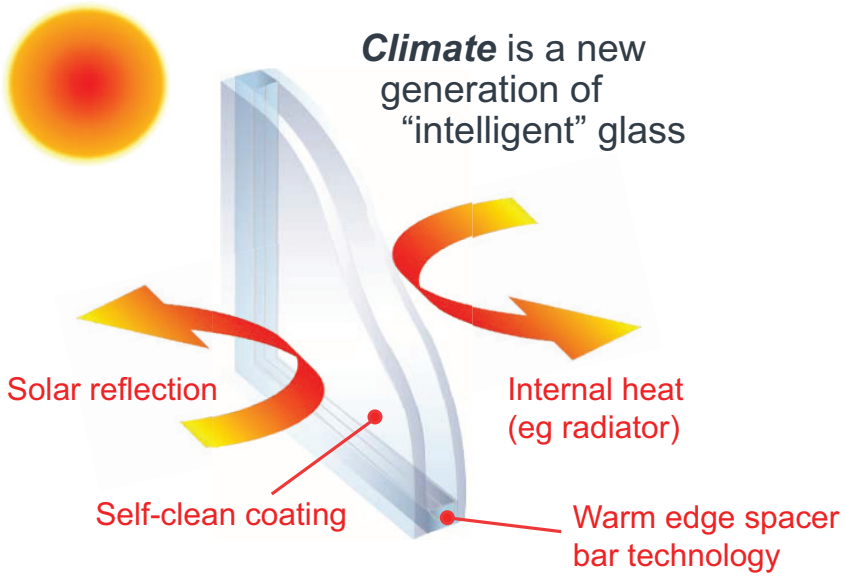
Compared to polycarbonate, glass offers a much longer lifespan while traffic and rainfall noise are reduced by over 100%.

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 5 options, Climate Ecoclean Clear, Climate Ecoclean Blue, Climate Ecoclean Neutral Sunshield, Climate Ecoclean Blue Sunshield and Climate Ecoclean Aqua Sunshield



Climate Ecoclean Clear

The first of our Self Cleaning range of insulated glass unit options, Climate Ecoclean Clear is the natural choice where exposure to heat is not an issue, if anything it’s to be encouraged. Combining a dual self cleaning coating technology, Climate Ecoclean Clear is the perfect option for applications where light transmission is paramount.

Climate Ecoclean Blue

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

Climate Ecoclean Blue isn’t just stylish. This intelligent glass reflects over 60% of the suns 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 Ecoclean 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-cleaning coating with a microscopic film which helps daylight and rainwater breakdown and wash away dirt and grime.

Climate Ecoclean Neutral Sunshield

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

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

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

> *"With Climate we don't need to install expensive blinds."*

Climate Ecoclean Blue Sunshield

Climate Ecoclean Blue Sunshield, as with the whole of the Ecoclean range, combines multi coatings to offer self-cleaning technology and optimum solar control properties. When manufactured alongside Climate 4S, Ecoclean Blue Sunshield will reflect 80% of solar heat, keeping you cool in the summer and warm in the winter.

Climate Ecoclean Aqua Sunshield

Climate Ecoclean Aqua Sunshield with its attractive blue/green tint, deflects 78% of the suns solar energy, so even on the hottest of summer day's conservatory can still be enjoyed to the full.

Alongside the rest of the Climate range, Ecoclean Aqua Sunshield combines argon gas and warm edge technology which improves insulation and can reduce condensation.

> *"The self cleaning glass is so clever, it only requires minimum effort to keep clean."*

Climate 4S

For that something extra. 4 Seasons

4 Seasons utilizes one of the new generation of glass types, where the coating on the glass has both solar control AND thermal insulation properties.

Instead of having a soft coat (thermal insulation) glass on the inner pane of the sealed unit, you replace it with 4S, which has better thermal insulation and also solar control properties, the performance of the sealed unit is improved.

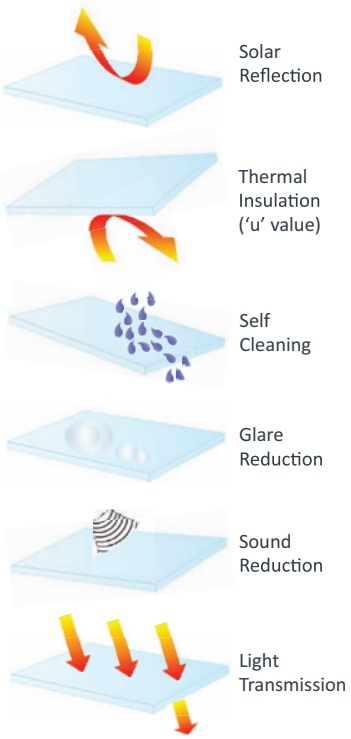
Technical Specification

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 Ecoclean Clear		Climate Ecoclean Blue		Climate Ecoclean Neutral Sunshield		Climate Ecoclean Blue Sunshield		Climate Ecoclean Aqua Sunshield		Standard Double Glazing
	With Softcoat	With 4S	With Softcoat	With 4S	With Softcoat	With 4S	With Softcoat	With 4S	With Softcoat	With 4S	
Solar Reflection	N/A	N/A	61%	67%	61%	67%	61%	80%	72%	78%	24%
Thermal Insulation	1.2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	1.2	1.0	2.8
Self Clean	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Glare Reduction	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Sound Reduction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Light Transmission	79%	72%	52%	45%	44%	37%	28%	27%	43%	32%	81%

CLIMATE

a glass for all seasons™

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

FM67903 KM 35170 KM 588912