

NU**CLR**
Heated Glass by Crystal Units



Redefining technology in glazing performance.



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NUCLR by Crystal Units is our innovative heated glass solution. NUCLR utilises the warming power of infrared radiation, delivering sleek, stylish and efficient heating. It not only adds a unique touch to a building, but also reduces the use of polluting fossil fuels when compared to traditional heating.

Why NUCLR?

- 100% efficiency
- Up to 1000W/m² power output
- Stylish, high-end finish
- Manufactured entirely in the UK
- No servicing required – No moving parts
- Eliminates condensation
- Eliminates “cold shoulder” effect when near large glazing areas
- Defrosts snow and ice build-up on external panes of glass
- Reduces drafts
- Large sizes available

Using NUCLR as a primary heat source eliminates the need for bulky conventional radiators. Ideal when space is at a premium or the project requires a sleek finish with minimal intrusions. In this application, your project will also utilise the other properties of NUCLR – eliminating cold spots by the glass, and preventing condensation build up.

Call Crystal Units today on +44 (0) 208 457 4188

The background image shows a modern building with a glass facade at night. The building's interior lights are visible through the glass, and the lights are reflected in a swimming pool in the foreground. The overall scene is dark, with the building's lights providing the primary illumination.

NUCLR achieves accurate and efficient heating through ultra-precise laser etching technology. We etch a near invisible hexagonal lattice into the conductive low-e coating on the glass, allowing us to finely tune each piece to perfectly suit each project. This ensures a uniform heat distribution across the glass, minimising hot spots and maximising comfort. We are proud to say that we are the only company in the UK with this capability.

NUCLR with other systems:

- Smart Glass e.g. solar control or switchable
- Sound reduction
- Lamination – safety glass, glass floors, and roof lights
- Sliding doors, opening windows
- Triple glazing for low U-values
- Ultra-low U-values with CUIN by Crystal Units

NUCLR is fully compatible with home automation and building management systems meaning it can be controlled smartly, remotely, and with minimal effort. We pride ourselves in tailoring NUCLR to project specific requirements and would relish the opportunity to work on yours.

Get in touch to find out more.

Application	Power Output (W/m²)	Glass Temperature °C (max)
Heating a room	300-500	55
Anti-condensation	50-200	35
Comfort Zone (anti chill)	100	25
Defrosting of snow and ice	500	60



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