

ClimaTech® ThermD Spacer System

The Unsurpassed Strength of Stainless Steel



Ultra-strong construction for superior energy efficiency.

Alside®

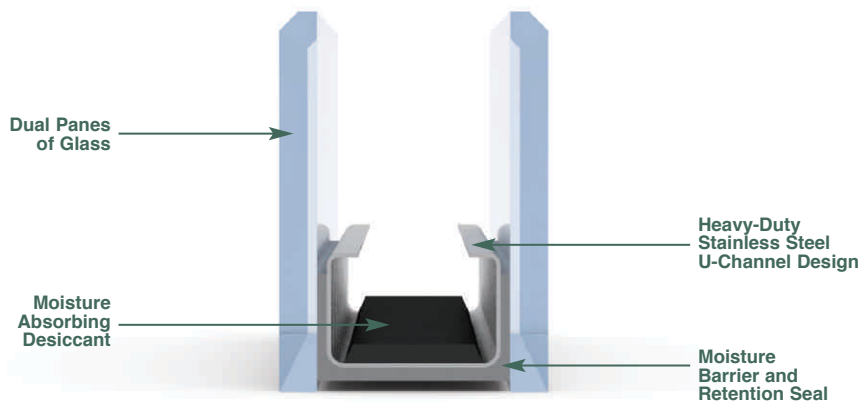
ClimaTech® ThermD Spacer System

For strength and durability that transcends all others – ClimaTech ThermD Intercept® Stainless Steel Spacer is the premier choice. You may not realize it, but a window's spacer system is a key component to its overall quality and performance. ClimaTech ThermD features an advanced design that stabilizes the panes of glass and creates a strong moisture barrier, while increasing the window's structural integrity and thermal performance.

Protect your home with the power of steel.

ClimaTech ThermD Spacer is expertly constructed to stand up strong to harsh wind and extreme weather as well as heavy-duty wear and tear. When you compare the stainless steel alloy construction to other spacer systems made of aluminum or foam, you'll see why ClimaTech ThermD takes the lead in superior strength, longevity and resistance to corrosion.

Take a closer look at the unique U-shaped design of this advanced spacer – the innovative "warm-edge" technology makes it stronger and more effective at protecting your home from energy loss.

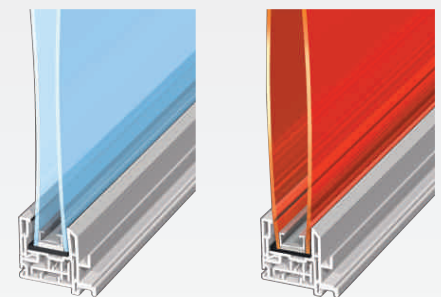


- **Warm-Edge, Patented U-Shaped Design** creates an insulating barrier and helps prevent the transfer of heat at the edge of the glass to reduce condensation, which can damage woodwork and draperies.
- **Moisture Vapor Barrier and Retention Seal** is stronger by design and better at retaining insulating gas compared to traditional box metal spacers. The moisture barrier also helps prevent the passage of water or water vapor that could fog the unit.
- **Strong and Flexible Construction** of the ClimaTech ThermD Spacer withstands the effects of temperature changes with easy flex and low stress on the sealant bond to help prevent seal failure.
- **Superior Insulating Performance** – stainless steel is impervious to gas transmission, thus maximizing the energy savings and insulation value of your windows over time.

Superior steel strength for extra-long life.

Metal spacers, especially those made of stainless steel, are by far the strongest spacers available. ClimaTech ThermD Spacer, which is U-shaped in its design, supports seal longevity and gas retention by allowing the glass and sealant to move with the normal expansion and contraction of the window throughout the day due to temperature changes. This flexibility eliminates the stress on the sealant and spacer and allows all the components to work together seamlessly, making it a stronger solution. In fact, each window manufactured with the ClimaTech ThermD Spacer is made using highly automated and precision equipment to ensure a tight and secure seal that enables the window to retain the insulating gas.

Another benefit of the ClimaTech ThermD Spacer is how it looks inside the window. With the rigidity and strong seal, it sits tight between the two panes of glass and gives the window a crisp, clean look with uninterrupted sight lines.



This illustration shows how the spacer expands and contracts with the window glass. In warmer weather, the spacer allows for expansion. In colder weather, the spacer contracts with the glass. The spacer's flexibility ensures that the sealant used is not compromised and won't separate from the metal or the glass. This ultimately leads to better gas retention.



ClimaTech ThermD glass packages are available with a variety of ENERGY STAR® qualified options. Consult your window professional for the optimal glass package required for your home and climate zone.

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