



# **HIGH PERFORMANCE**

**HEATED, INSULATED & TEMPERED GLASS PRODUCTS** 



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wo, three and four pane insulating inits are our most versatile products providing superior clarity and increased energy efficiency. Units can be customized with single or dual seal as well as warm-edge spacer in a variety of ways to achieve

# INSULATED **GLASS**

performance specification for any environmental ituation. Argon Gas-filled and Low-E units are also vailable to achieve optimum performance. CIG' new generation of custom insulating glass products are subject to rigorous testing a our facility to ensure safety and

CIG's exclusive HeatClear insulating glass unit is a superior product specifically designed for the refrigeration industry. Our state-of-the-art HeatClear low emissivity glass utilizes CIG's unique, patented Chemical Vapor Deposition (CVD) coating process



Through the use of this method the molecular structure of the glass surface is actually changed resulting in exceptional thermal performance, improved clarity and increased energy savings. Condensation is virtually eliminated as the electro-conductive glass provides warmth to the glass surface.

for specific projects. The benefit of this service is, it will calculate total window thermal performance e.g. U-value, solar heat gain coefficients, shading analysis methods and other technical data consistent with the rating procedure developed by the NFRC. This service can be used to design and develop new products and to rate and compare characteristics of all types of window products.



**END PANEL WITH TRIM** 



TEMPERED GLASS PROCESS

CIG's patented HeatClear units can be customized for any environment, are UL Certified and offer a versatile solution for the most demanding applica-

CIG's technical services department can provide computer performance data analysis

ON THE LEADING EDGE

**COMMERCIAL INSULATING GLASS COMPANY** specifications and technical performance information are designed particularly for the refrigeration display industry, commercial and residential architectural markets, appliance, marine, transportation and OEM industries. All products are custom manufactured to the customer's specifications. There are variable glass thicknesses, electrical voltages, spacer type and spacer thickness, and units can be filled with argon gas.

CIG also offers a full range of glass fabrication services such as cutting shapes, drilling holes and polishing edges.

#### **SLIDING DOORS**

Commercial Insulating Glass offers sliding doors built from high quality aluminum and composite materials for cooler & non-cooler applications. Non-heated single and 2-pane glass doors are available for a variety of industries including, floral, meat, seafood, bakery, deli, wine, custom applications and more. Sliders are

available with solid composite door instead of a glass pack. CIG's sliding doors are simple to install and operate smoothly providing an easy operation and maintenance to end users.

## **TEMPERED INSULATED GLASS**

Our state-of-the-art tempering system is designed to meet the growing demand for thin glass and coated glass. Our precision custom tempering process will accommodate various glass thickness from 1/8" to 3/4" and from as small as 6" to 145" in size. Our Horizontal System eliminates the overheating typical in other systems and produces excellent optical quality plus

> Tempered glass is up to five times stronger than annealed glass. Whenever human impact is possible, federal, state and local laws and building codes may require safety glazing, such as CIG tempered glass. Never before has such high performance been obtained with glass and coated glass.

### **CUSTOM GLASS DOORS**

CIG manufactures Custom Glass Doors for refrigerator and freezer cases manufactured to your exact specifications. Our full glass door design offers a large viewing area utilizing a unique hinge system to offer more product visibility.



Our door comes with all the necessary mounting brackets to apply to your case.

#### **ENVIRONMENTAL AND MEDICAL CHAMBERS**

Windows and doors are available in heated or non-heated applications and we can assist SLIDING GLASS & VINYL DOORS in the design to ensure condensation protection. We offer a

variety of options to meet your demands. CIG serves the medical and environmental testing industries as well in manufacturing multi-pane heated and unheated glass packs and doors. These specialty units consist of 4, 5, 6 or more panes of glass to offer condensation free viewing of products being tested. They are designed using high temperature sealant for extreme testing conditions.

### **INDUSTRIES**

Food, Medical, Vending, Floral, Environmental, Scientific, Custom Residential, Commercial Construction and more.

#### **CUSTOM PRODUCTS WE PROVIDE**

Heated Glass, Insulating Glass, Specialty Glass, Fixed Windows, Silk Screening, Custom Glass Doors and Sliding Doors

**ENVIRONMENTAL CHAMBERS** 











**DISPLAY CASE GLASS PANEL** 

