



TECHNICAL DATA SHEET CLIMACOOL™ (FGTDS-IS-13)

ClimaCool is an Insulated glass unit with two or more glass lites separated with a desiccated airspace. These glasses are used for better thermal efficiency and comfort and are an indispensable choice for all building facades today. Being a Dow® Quality Bond® member, you can rest assured our quality is audited and endorsed by the best in the industry. Our fully automatic and 100% vertical assembly ensures zero glass warpage during manufacturing and these units can be infilled with inert gases such as argon for even lower heat-flow rates and thermal efficiency.

TECHNICAL SPECIFICATIONS

Description	Levels
Process Type	Vertical Fully Automatic Assembly
Glass Type	Clear, extra clear, ultra clear, tinted, solar-control coated, low-E coated
Glass Thickness Range	4 mm to 12 mm (laminated assemblies will be thicker)
Unit Thickness Range	12 mm to 100 mm

DIMENSIONS

Description	Levels
Minimum Size	250 mm X 350 mm
Maximum Size	2440 mm X 4200 mm

UNIQUE SELLING POINTS

Description	Levels
Certifications	Dow® Quality Bond® member
Raw Materials	Top grade, American and European materials for spacer, desiccants, butyl and silicone
Sealing Process	Fully automatic and vertical with a sealing robot
Spacer Fabrication Process	Automatically bent with no corner joints
Desiccant Filling Process	3A 0.50 mm to 1.00 mm diameter and automatically filled with no exposure to air