

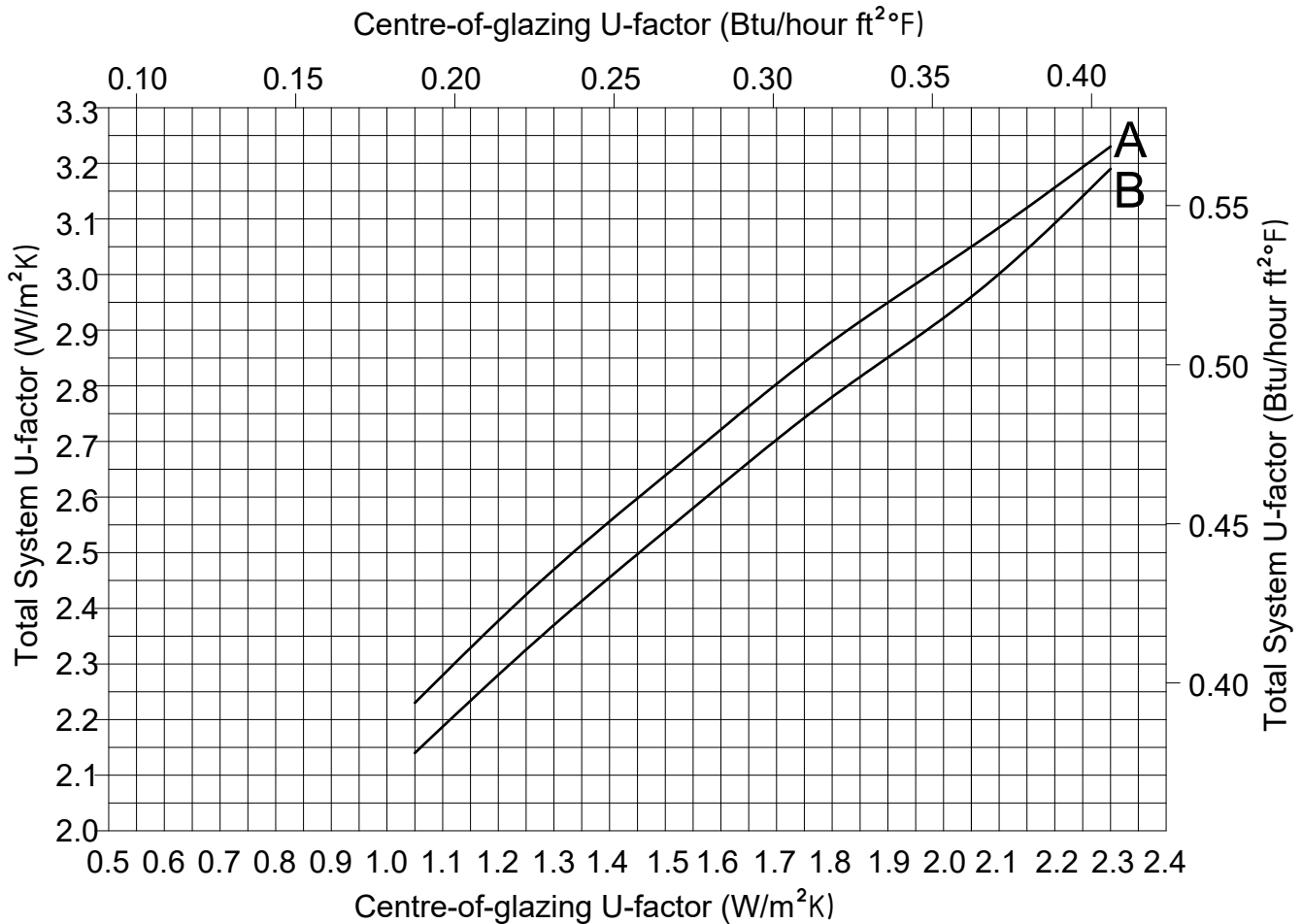
THE FOLLOWING THERMAL CHARTS ARE TO BE USED TO DETERMINE OVERALL U VALUE OF THE PRODUCT BY KNOWING U VALUE CENTRE OF GLASS AND SELECTED SPACER OR DETERMINE CENTRE OF GLASS U VALUE AND SPACER BY KNOWING THE PRODUCT REQUIREMENTS FOR U VALUE.

- Curves represent simulation results based on double glazing options using the lowest (Curve A) and highest (Curve B) performing spacers. Spacer conductance values are based on nfrc 100-2010 section 5.9.5.1.
- Simulation methodology followed nfrc 100-2010
- Simulated curtain wall is  $78 \frac{3}{4}$ "(2000mm) x  $78 \frac{3}{4}$ "(2000mm) between mullion centres with one vertical central mullion as per nfrc100-2010 table 4.3.
- The charts should be used as a budget or design guide. For fenestration product u-factor and rating purposes.

A = Double glazed with Generic Group 1  
-Spacer containing aluminum

B = Double glazed with Generic Group 4  
-Spacer containing all non metallic materials

CHART BASED ON 1" (25.4 mm)  
DOUBLE GLAZED SEALED UNIT



ENVIRONMENTAL CONDITIONS: NFRC 100-2001		
Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/s

Pour la version en français, veuillez voir la page: 1.4.2.5

## Thermal simulation chart - Double glazed with fiberglass pressure plate

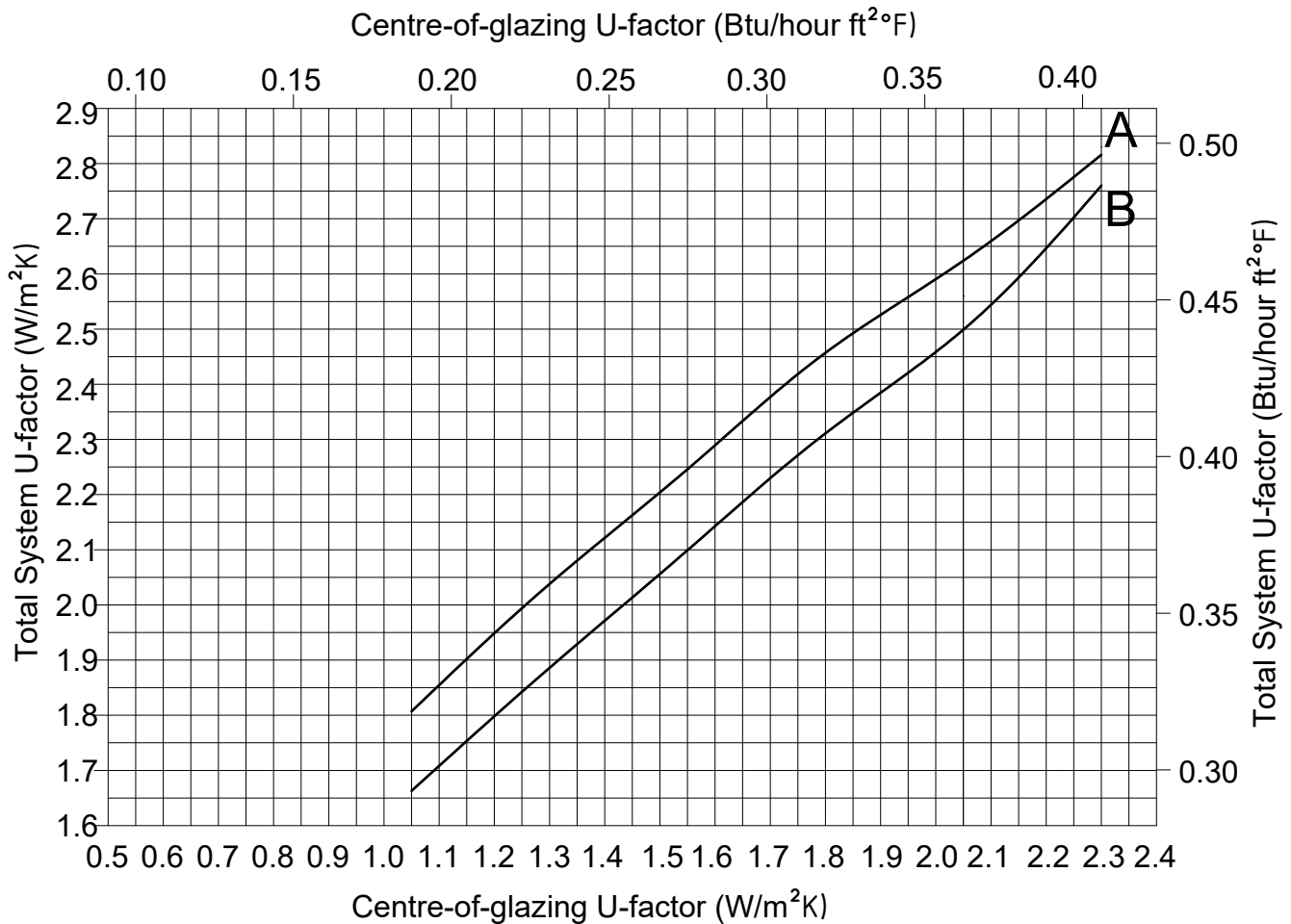
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- Curves represent simulation results based on double glazing options using the lowest (Curve A) and highest (Curve B) performing spacers. Spacer conductance values are based on nffc 100-2010 section 5.9.5.1.
- Simulation methodology followed nffc 100-2010
- Simulated curtain wall is 78 <sup>3</sup>/<sub>4</sub>"(2000mm) x 78 <sup>3</sup>/<sub>4</sub>"(2000mm) between mullion centres with one vertical central mullion as per nffc100-2010 table 4.3.
- The charts should be used as a budget or design guide for fenestration product u-factor and rating purposes.

A = Double glazed with Generic Group 1  
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CHART BASED ON 1" (25.4 mm)  
DOUBLE GLAZED SEALED UNIT



ENVIRONMENTAL CONDITIONS: NFRC 100-2001		
Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/s

Pour la version en français, veuillez voir la page: 1.4.2.6