

Phantom Vent 5000

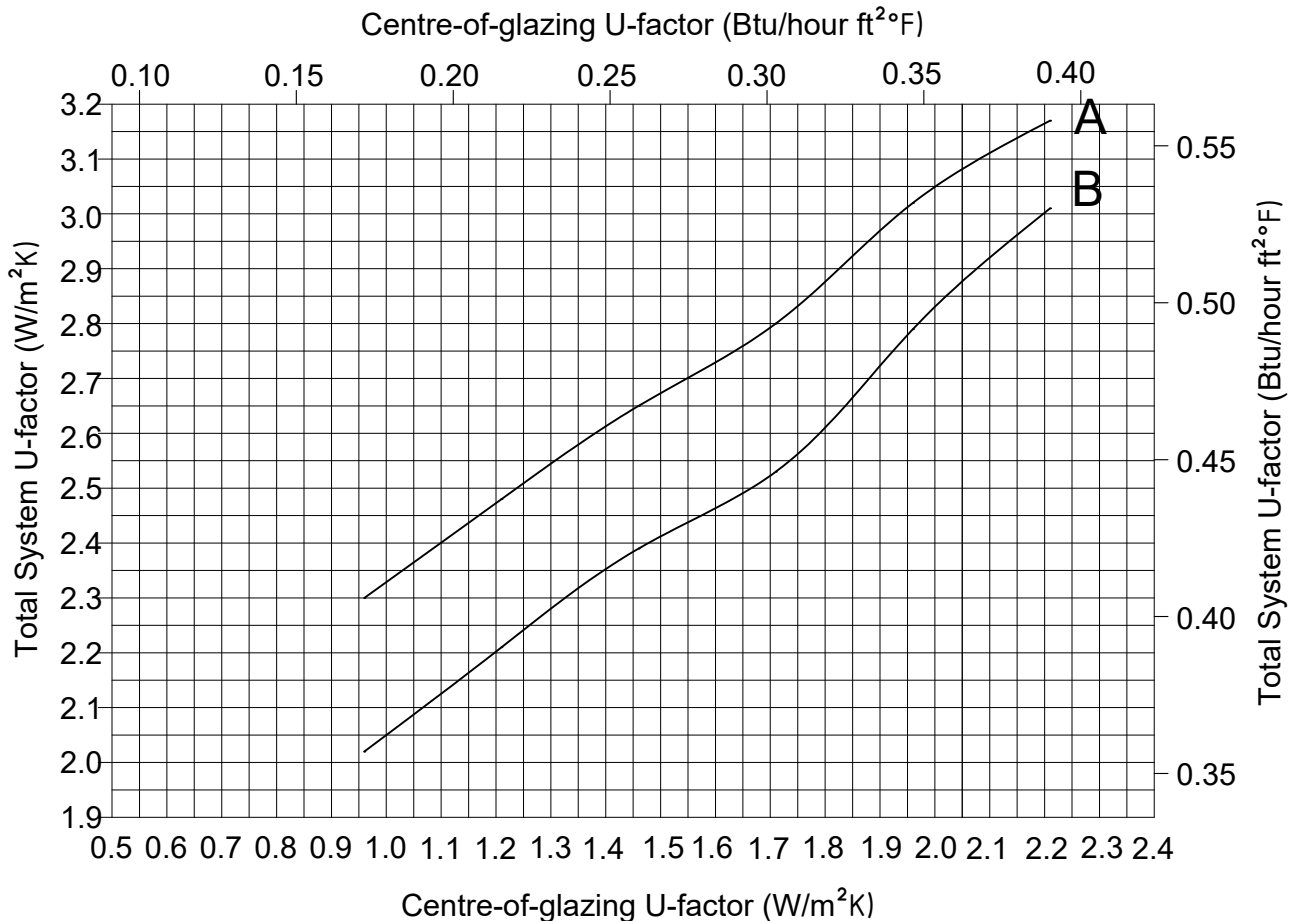
Thermal simulation chart - Double glazed

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 independently tested 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 window is 23 5/8" (600mm) x 59 1/16" (1500mm) between mullion centres with one vertical central mullion as per NFRC 100-2010 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 Group1
-Spacer containing aluminum
B = Double glazed with Generic Group4
-Spacer containing all non metallic materials

CHARTS ARE BASED UPON A INSULATING
GLASS UNIT INFILL OF 1" (25.4mm)
OVERALL THICKNESS COMPRISED OF
6mm GLASS/12mm AIRSPACE/6mm GLASS



| 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 : 3.3.2.5

Phantom Vent 5000

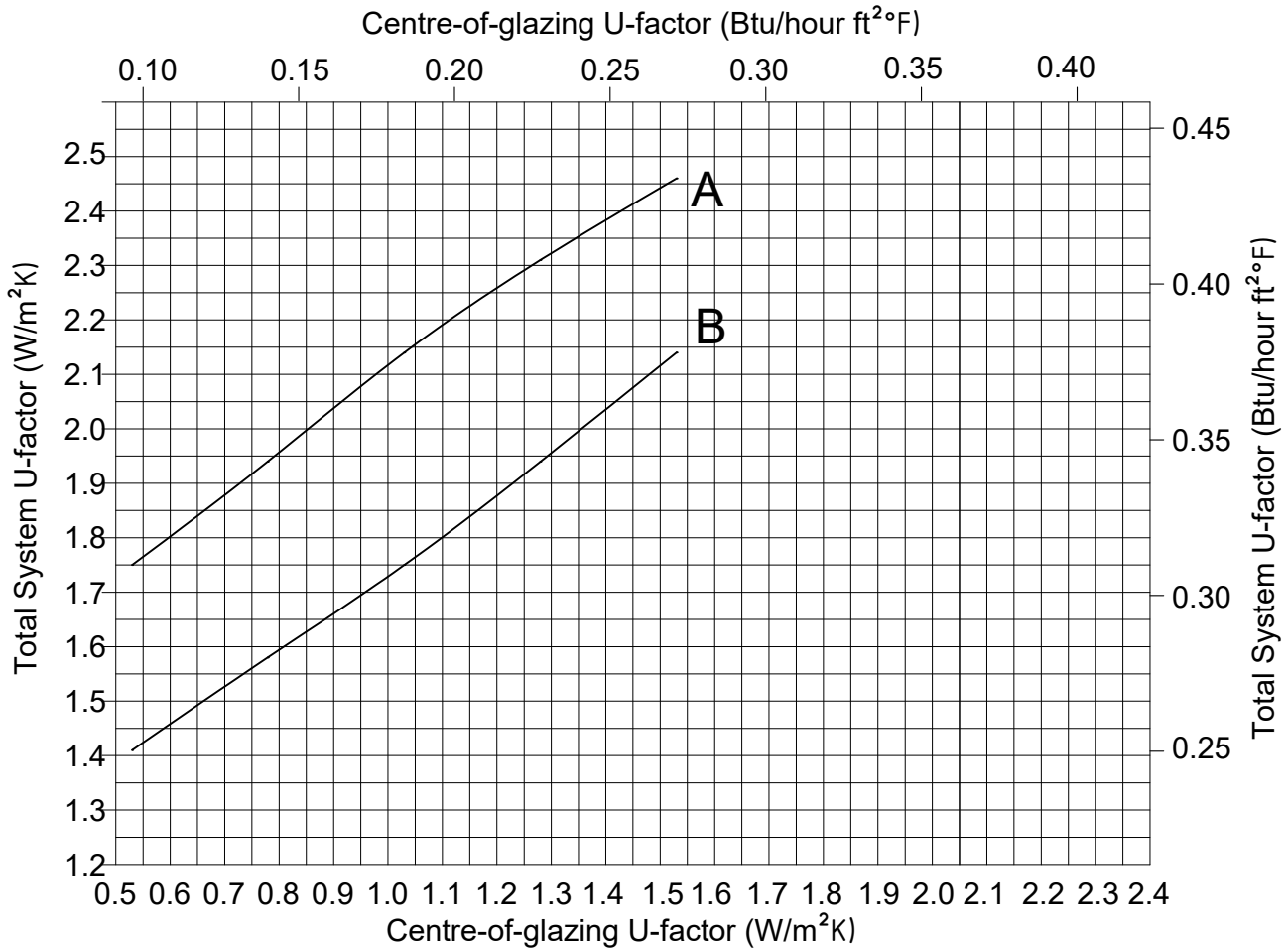
Thermal simulation chart - Triple glazed

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 independently tested simulation results based on triple 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 window is 23 5/8" (600mm) x 59 1/16" (1500mm) between mullion centres with one vertical central mullion as per NFRC 100-2010 table 4.3.
- The charts should be used as a budget or design guide for fenestration product u-factor and rating purposes.

A = Triple glazed with Generic Group1
-Spacer containing aluminum
B = Triple glazed with Generic Group4
-Spacer containing all non metallic materials

CHARTS ARE BASED UPON A INSULATING GLASS UNIT INFILL OF 1 3/4" (44.5mm) OVERALL THICKNESS COMPRISED OF 6mm GLASS/12mm AIRSPACE/6mmGLASS/12mm AIRSPACE/6mm GLASS



| 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 : 3.3.2.6