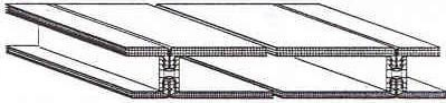
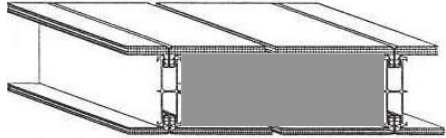
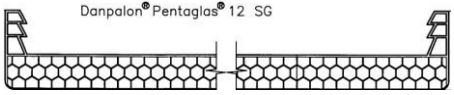
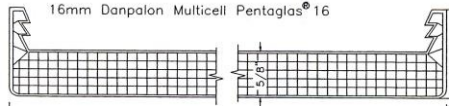


U-Factors Comparison Data

Comparison of American NFRC Testing Data to European Calculated Data

Glazing Panel	‘U’ Value per NFRC-100 ⁽¹⁾	‘U’ Value per European Calculation ⁽²⁾
QuadWall 	U = 0.23	U = 0.17
QuadWall 4” Custom Insulated 	U = 0.08 - 0.18	N/A
Pentaglas 12mm 	U = 0.48	U = 0.32
Pentaglas 16mm 	U = 0.38	U = 0.27

(1) Center of glazing in accordance with NFRC 100, ASTM C-1365-2005 as required by United States Building and Energy Codes.

In 1992, the National Energy Policy Act codified the National Fenestration Rating Council’s role as the nation’s energy performance rating and labeling organization.



For more information go to: www.nfrc.org

- (2) European Calculations (by Dr. –ING Manfred Mahler) are provided above for comparison purposes. Some polycarbonate glazing suppliers publish their own ‘U’ Value data based on testing or calculations which are not recognized by the NFRC or USA Building Energy Codes. In most cases this calculated performance data will imply much better performance than actual testing per the USA NFRC methods and procedures.
- (3) **For a complete NFRC certified U-Factors, solar and thermal performance data please refer to the Energy Data tab at www.cpidaylighting.com**