

Test Report Summary

1375AW UniVent Window, PI HOPPER DG

Thermal Test: U-factor, CRF, Temperature Index



TEST RESULTS

Thermal Transmittance $W/m^2 \cdot K$ [BTU/hr $\cdot$ ft $^2 \cdot$ °F]	U-factor	2.10 [0.37]
Condensation Resistance Factor – Frame	CRF_f	62
Condensation Resistance Factor - Glass	CRF_g	69
Temperature Index - Frame	I_f	49
Temperature Index – Glass	I_g	68
Temperature Index -Total		49
Unit Size: 1500mm x 600mm [*59-1/16" x *23-5/8"] (Hopper)		
Glass Make-up: 6mm [0.24"] SBN70XL (#2) Tempered Exterior Glass Lite 13.5mm [0.53"] 90% Argon (CHROMATECH Ultra Spacer) Air Space 6mm [0.24"] Clear Tempered Interior Glass Lite		

**Dimensions rounded to the nearest 1/16"*

TEST LAB

QCT

Mosinee, WI 54455

**Element Materials
Technology**

St Paul, MN 55144

Report Number	QCT-TH-11970.01
Report Date	2/17/2022
Report Number	21-06-B0106-W13C
Report Date	2/24/2022

Reference above report for complete test specimen description and data

(sign) 4/15/2022 (date)

Tim Fookes - Vice President of Engineering Tubelite / Alumicor

TEST METHODS

AAMA 1503-09: Voluntary Test Method for Thermal Transmission and Condensation Resistance of Windows, Doors, and Glazed Wall Sections.

NFRC 102-2020: Procedure for Measuring the Steady-State Thermal Transmittance of Fenestration Systems

CSA A440.2/.3: Fenestration energy performance/User Guide to CSA A440.2, Fenestration energy performance