300 SERIES
TILT & TURN WINDOWS

TEST REPORT SUMMARY

In compliance to AAMA 101/I.S.2/ CSA A440

	OPERATOR	FIXED
TEST SIZE	1220mm x 1830mm	2000mm x 2000mm
	48" x 72"	78 3/4" x 78 3/4"

TYPE	TEST	REQUIREMENTS		RESULTS	GRADE	
		TEST STANDARD	TEST PRESSURE		AAMA	CSA
TILT & TURN	Air Tightness	ASTM E 283	@ 75 Pa (1.57 psf)	+/- 0.72 m³/h/m	A3	A3
				+/- 0.04 CFM/ft²		
	Water Tightness	ASTM E 547/331	@ 700 Pa	No Leakage	DP 100	B7
			@ 12 psf			
	Wind Load Resistance	ASTM E 330	@ 5000 Pa	No Deformation	DP 60	C5
			@ 97 psf			
Series 300 tilt & turn window is rated DA-C60, Design Pressure 60 @ test pressure 302 kph (190 mph).						

FIXED	Air Tightness	ASTM E 283	@ 75 Pa (1.57 psf)	+/- 0.02 m³/h/m	PASS	FIXED
			@ 300 Pa (6.24 psf)	0.001 CFM/ft²		
	Water Tightness	ASTM E 547/331	@ 700 Pa	No Leakage	DP 100	B7
			@ 12 psf			
	Wind Load Resistance	ASTM E 330	@ 4000 Pa	No Deformation	DP 65	C4
			@ 97.5 psf			
Series 300 fixed window is rated F-HC 65, Design Pressure 65 psf @ test pressure 312 kph (195 mph).						

ENERGY RATINGS

The Thermal Performance Values. Shown below, are based on windows glazed with 7/8" (22mm) overall thickness insulating glass units comprising one lite of Low-E glass, an argon filled cavity, and a double sealed aluminum spacer.

Higher performance may be achieved by using various glass coatings, inert gasses, and/or warm edge spacers.

	OPERATING		FIXED	
PERFORMANCE	**CSA-A440.2**	**NFRC 100**	**CSA-A440.2**	**NFRC 100**
U-Value Frame	2.71 W/m²/C	0.47 Btu/h/ft²/F	2.67 W/m²/C	0.47 Btu/h/ft²/F
U-Value Window	2.18 W/m²/C	0.38 Btu/h/ft²/F	2.02 W/m²/C	0.38 Btu/h/ft²/F
SHGC	0.44	0.44	0.44	0.44

Note: The reader is cautioned that test results should be used for comparison purposes only. Results are size and installation dependent. In-Service performance can be significantly different from those shown. Product tested indicates design potential.