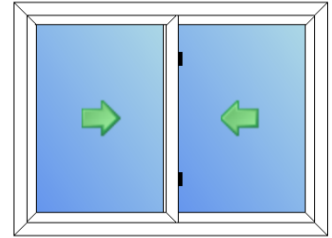




Test Report Specifications

Sargas DG / CS 2000 DG

ANSI/AMAA/NWWDA 101/I.S-97
Report # 57194.02-701-47
 NAMI Certification: NI0011508



Summary of Results

Title	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Rating	DP H-R30 96 x 60	DP H-R30 72 x 60	DP H-R20 72 x 48	DP H-R35 72 x 48
Operating Force	16 lbs max	15 lbs max	N/A	N/A
Air Infiltration	0.08 cfm/ft ²	0.08 cfm/ft ²	0.08 cfm/ft ²	0.08 cfm/ft ²
Water Resistance Pressure	3.75 psf	3.75 psf	6.00 psf	6.00 psf
Uniform Deflection Pressure	± 25.0 psf	± 25.0 psf	± 40.0 psf	± 40.0 psf
Uniform Structural Pressure	± 37.5 psf	± 37.5 psf	± 60.0 psf	± 60.0 psf
Deglazing	Passed	Passed	Passed	Passed
Forced Entry Resistance	Grade 10	Grade 10	Grade 10	Grade 10

NFRC 100/200/500

Report # QCT-SIM-10140 01

Base Unit Validated 59.00+x 47.25+	
Simulated Thermal Transmittance (U-Factor)	0.292
Note: unit was tested with 0.188+x 0.625+rectangular grid	

Specific Thermal Results

Spacer Type	Intercept				Specifically for the Northern Climate Zone		Super Spacer				Specifically for the Northern Climate Zone	
	E-Max* (Low-e ²) w/ Argon		Advanced E-Max (Low-e ³) w/Argon		Advanced E-Max & 189 w/Argon		E-Max* (Low-e ²) w/ Argon		Advanced E-Max (Low-e ³) w/Argon		Advanced E-Max & 189 w/Argon	
Low-E Type	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids
U-Factor	0.30	0.30	0.30	0.30	0.26	0.26	0.29	0.29	0.29	0.29	0.25	0.25
SHGC	0.28	0.25	0.21	0.19	0.20	0.18	0.28	0.25	0.21	0.19	0.20	0.18
VT	0.52	0.46	0.48	0.43	0.47	0.41	0.52	0.46	0.48	0.43	0.47	0.41
CR	55	55	55	55	44	44	58	58	59	59	46	46