

ALUMINUM THERMALLY CONTROLLED SWING DOOR

PRODUCT TYPE: ALUMINUM THERMALLY CONTROLLED OUTSWING SWING DOOR
 SERIES/MODEL: ALUMINUM THERMALLY CONTROLLED
 DESCRIPTION: ALUMINUM CORE WITH THERMAL BREAKS
 SILL TYPE: WEATHER RESISTANT SILL
 PANEL SIZE: 42" x 120"

Weather Resistant Sill Test Results			
TEST DESCRIPTION		MEASURED	ALLOWED
Air Infiltration Result ASTM-E 283	1.6 psf (25 mph)	0.06 CFM/FT ²	0.3 CFM/FT ²
Water Infiltration Result ASTM-E 547	6.0 psf DP 40	No Leakage	No Leakage
Uniform Load Deflection ASTM-E 330	-+ 40.0 psf DP 40	1.55" Positive 1.51" Negative	Report Only Report Only
Uniform Load Overload ASTM-E 330	-+ 60.0 psf DP 40	0.06" Positive 0.08" Negative	0.48" 0.48"
Overall DP Rating	DP 40		

NFRC RATINGS | THERMAL PERFORMANCE
 PANEL SIZE: ALL SIZES

Type of Glass (1 lite)	Overall Glass Thickness	U-Factor	SHGC	VT
AIR FILLED				
Clear - Air - Clear	3/4"	0.67	0.53	0.56
LoE180 - Air - Clear	3/4"	0.56	0.45	0.54
LoE272 - Air - Clear	3/4"	0.56	0.30	0.49
LoE270 - Air - Clear	3/4"	0.56	0.27	0.47
LoE340 - Air - Clear	3/4"	0.55	0.15	0.26
LoE366 - Air - Clear	3/4"	0.55	0.21	0.44
ARGON FILLED				
Clear - Argon - Clear	3/4"	0.65	0.53	0.56
LoE180 - Argon - Clear	3/4"	0.53	0.45	0.54
LoE272 - Argon - Clear	3/4"	0.52	0.30	0.49
LoE270 - Argon - Clear	3/4"	0.52	0.27	0.47
LoE340 - Argon - Clear	3/4"	0.52	0.14	0.26
LoE366 - Argon - Clear	3/4"	0.51	0.21	0.44
SB60 - Argon - Clear	3/4"	0.53	0.29	0.49
SB70 - Argon - Clear	3/4"	0.52	0.21	0.43
ARGON FILLED WITH i89				
LoE272 - Argon - i89	3/4"	0.49	0.29	0.47
LoE270 - Argon - i89	3/4"	0.49	0.26	0.46
LoE340 - Argon - i89	3/4"	0.49	0.14	0.25
LoE366 - Argon - i89	3/4"	0.49	0.20	0.42
TRIPLE GLAZED - ARGON FILLED				
LoE366 - E180 - i89	1 1/4"	0.43	0.18	0.37
LoE366 - Clear - LoE366	1 1/4"	0.44	0.17	0.31