

ALUMINUM THERMALLY CONTROLLED FOLDING DOOR

PRODUCT TYPE: ALUMINUM THERMALLY CONTROLLED OUTSWING BIFOLD DOOR
 SERIES/MODEL: ALUMINUM THERMALLY CONTROLLED
 DESCRIPTION: ALUMINUM CORE WITH THERMAL BREAKS
 PANEL SIZE: 39" x 120"

Weather Resistant Sill Test Results			
TEST DESCRIPTION		MEASURED	ALLOWED
Air Infiltration Result ASTM-E 283	1.6 psf (25 mph)	0.3 CFM/FT ²	0.3 CFM/FT ²
Water Infiltration Result ASTM-E 547	5.25 psf DP 35	No Leakage	No Leakage
Uniform Load Deflection ASTM-E 330	-+ 35.0 psf DP 35	1.44" Positive 1.50" Negative	Report Only Report Only
Uniform Load Overload ASTM-E 330	-+ 52.5 psf DP 35	0.05" Positive 0.02" Negative	0.48" 0.48"
Forced Entry AAMA 1304-02	Grade 10	Pass Pass	No Entry No Entry
Overall DP Rating	DP 35		

NFRC RATINGS | THERMAL PERFORMANCE

Type of Glass (1 lite)	Overall Glass Thickness	U-Factor	SHGC	VT
AIR FILLED PANEL SIZE 42" x 94"				
Clear - Air - Clear	3/4"	0.54	0.54	0.58
LoE180 - Air - Clear	3/4"	0.43	0.45	0.56
LoE272 - Air - Clear	3/4"	0.42	0.30	0.50
LoE270 - Air - Clear	3/4"	0.42	0.27	0.49
LoE340 - Air - Clear	3/4"	0.42	0.14	0.27
LoE366 - Air - Clear	3/4"	0.42	0.21	0.45
ARGON FILLED PANEL SIZE 42" x 94"				
Clear - Argon - Clear	3/4"	0.52	0.54	0.58
LoE180 - Argon - Clear	3/4"	0.39	0.45	0.56
LoE272 - Argon - Clear	3/4"	0.38	0.30	0.50
LoE270 - Argon - Clear	3/4"	0.38	0.27	0.49
LoE340 - Argon - Clear	3/4"	0.37	0.14	0.27
LoE366 - Argon - Clear	3/4"	0.37	0.20	0.45
ARGON FILLED WITH i89 PANEL SIZE 42" x 104"				
LoE272 - Argon - i89	3/4"	0.36	0.29	0.49
LoE270 - Argon - i89	3/4"	0.36	0.26	0.47
LoE340 - Argon - i89	3/4"	0.35	0.13	0.26
LoE366 - Argon - i89	3/4"	0.35	0.20	0.44
TRIPLE GLAZED - ARGON FILLED PANEL SIZE 42" x 94"				
E366 - E180 - i89	1 1/4"	0.28	0.18	0.39
E366 - Clear - E366	1 1/4"	0.30	0.17	0.33