

**NEXT GENERATION ENTRANCE DOORS**  
WITH THE LATEST CERTIFICATIONS AND TESTING

		<b>FHC</b> FHC Aspire™ Door	<b>COMPETITION</b>
<b>KEY FEATURES</b>	<b>FEATURE DESCRIPTION</b>		
FEATURE 1	Door U-Factor As Low As	0.37	0.43
FEATURE 2	Utilizes Polyamide Strut For Ultimate Thermal Performance	✓	✗
FEATURE 3	Estimated Lead Time	3-4 Weeks	12-16 Weeks
FEATURE 4	Thermally Broken Vertical Stiles	✓	✗
FEATURE 5	Fast & Easy Glass Replacement	✓	✗
FEATURE 6	Anti-Finger Pinch Panic Handles	✓	✗
FEATURE 7	Heavy-Duty Corner Construction Design	✓	✗
FEATURE 8	Bottom Rails Designed For Use With Automatic Operators	✓	✗
FEATURE 9	FHC Works with Client's Preferred Glass Fabricator, for Desired Coatings, Tints, Bird-Friendly Requirements etc.	✓	✗
FEATURE 10	Patented Clamping Top and Bottom Door Rail	✓	✗
FEATURE 11	Low Profile Vertical Stile	1-1/8" x 2-3/8"	1-1/8" x 2-1/2"
FEATURE 12	NFRC 102-2020 Rated and Title 24 Compliant	✓	✓
FEATURE 13	Traditional Door Leveling Adjustment	✓	✗
FEATURE 14	Designed For 1" Insulating Glass Units	✓	✓
FEATURE 15	Compatible With High Solar & Thermally Efficient 1" IGU's	✓	✓
FEATURE 16	Maximum Door Height	10'-0"	10'-0"
FEATURE 17	Thru-Glass Handle Hardware Options	✓	✓
<b>TEST DESCRIPTION</b>	<b>Notes</b>		
UNIT SIZE	-	86"W x 120"H	86-3/16"W x 111"H
DESIGN PRESSURE	Surpassed	LC40 - 1920 PA (+/- 40.10)	R15 - 720 PA (+/- 15.01 psf)
AIR INFILTRATION	Match	0.1 L/S/m2 (0.01 cfm/ft)	0.1 L/S/m2 (0.01 cfm/ft)
WATER PENETRATION RESISTANCE TEST PRESSURE	Surpassed	LC80 - 2880 PA (60.15 psf)	LC40 - 300 PA (6.24 psf)
UNIFORM LOAD STRUCTURAL TEST PRESSURE	Surpassed	LC40 - 2880 PA (60.15 psf)	R15 - 1080 PA (22.56 psf)
FORCED ENTRY	Surpassed	Pass	N/A

bimobject



FHC Aspire™ Insulating Glass Entrance System together with the "VDS" Vertical Door Stile System (U.S. Patent Numbers 11,299,928 and 11,187,323) are both designed, engineered, and manufactured in the U.S.A. at the company's Southern California facility.

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EXPERIENCE AND INNOVATION

