



DOOR ENGINEERING FOUR-FOLD DOOR SOLUTIONS



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OPENING TO YOUR STANDARDS. FIND THE DOOR SYSTEM SOLUTION THAT'S RIGHT FOR YOU!



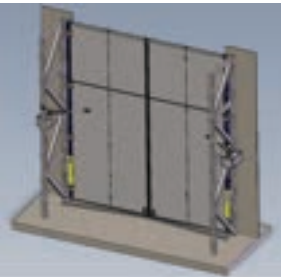
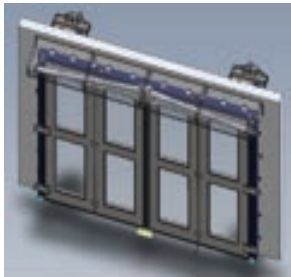
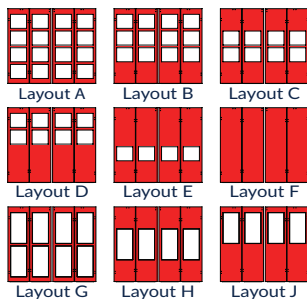
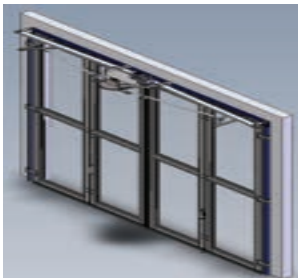
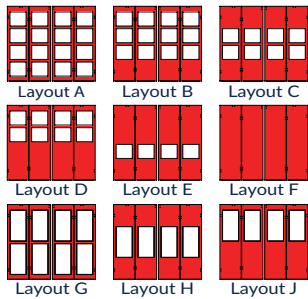
DOOR[®]
ENGINEERING
A SENNECA BRAND



DOOR ENGINEERING FOUR-FOLD LINEUP



Experience the **Door Engineering Advantage**. Our dedicated sales and technical design teams work collaboratively to ensure successful projects for new construction or retrofits from inception to completion. With certified installers overseeing the process, clients can trust in the quality and reliability of our products and services.



	FF30 Pre-Engineered	FF300 Fully Configurable	FF70 Hurricane Rated Pre-Engineered	FF701 / FF701XT Hurricane Rated	Four-Fold XT FF100-1000	FF800 Tornado & Blast Rated	FF1000 Custom Engineered	FF200 / FF200XT Grille Doors
MODEL DESCRIPTION	FF30 is our most cost effective design and is available in two sizes and 12 window layouts (infill panel not shown).	The standard FF300 offers versatility in customization and uses a heavy-duty tube frame for larger applications.	Florida Building Code tested and certified up to 65psf windloads.	Florida Building Code Tested and Certified up to 120psf windloads. Also available in exterior folding.	Exterior folding door with interior mounted operators and full width weather hood.	Tested to ICC 500 and FEMA 361 Tornado requirements Engineered to Static Blast loads of 2.08 PSI (300psf).	We can engineer doors specific to your needs, including unique layouts, finishes, higher loads and customized cladding options.	FF200 idea for many applications, such as parking garages, auto dealerships, grain facilities.
ADVANTAGE	Standard Door sizes / glass layouts allow us to fabricate the doors in bulk, increasing efficiency and saving money. L-Angle frame is lower-profile and cost-effective with reduced hinge gaps,	The tube frame supports larger sizes and varied mounting conditions.	Reliable, fast-opening (7 sec) bay door with over 1.5M-cycle components, quick installation, impact-rated Level D/E glazing options, manual operation during outages.	Reliable, fast-opening (7 sec) bay door with over 1.5M-cycle components, quick installation, impact-rated Level D/E glazing options, manual operation during outages.	Exterior folding configuration frees up interior space.	Able to withstand tornado and explosions...need we say more?	Let us put our 60+ years of experience to work for your unique project.	High cycle, low maintenance door system provides both security and ventilation.
DOOR SIZES	Option 1: 12'-0" x 14'-0" Option 2: 14'-0" x 14'-0"	Min: 7'-6" x 7'-0" Max: Up to 35'-0"	Min: 14'-0" x 14'-0" Max: 16'-0" x 16'-0"	Min: 7'-6" x 7'-0" Max: 16'-0" x 16'-0"	Min: 7'-6" x 7'-0" Max: Up to 35'-0"	Min: 7'-6" x 7'-0" Max: 14'-0" x 14'-6" Blast: Contact Sales	Up to 35' Wide	Grill Doors: Up to 35' Wide
GLASS	Up to 4 rows of glazing 1" insulated Low-e glass (Energy Advantage, Solarban 60, or others)	Fully customizable glass Standard Glass: 1" insulated Low-E glass (Pilkington Energy Advantage) Options: Tints, Alternate Low-E coatings, etched / Frit Glass	Standard Glass: Low-E (Pilkington Energy Advantage) Enhanced Glass Options: Low-E (Pilkington Energy Advantage) • Solarban 60 Low-E, Clear • Solarban 70 Low-E, Clear	Fully customizable glass. Level D: 9/16" non-insulated or 1 1/4" insulated, laminated impact glass. Level E: 11/16" non-insulated laminated impact glass	Custom glass options. include 1" insulated Low-E with tints, coatings, or etched/frit finishes, plus impact choices.	1 row of 12" x 12" windows. Tornado door includes 1" polycarbonate impact tested visionlites. Blast doors may include 9/16" laminated glass or polycarbonate visionlites.	Custom	FF200 can include Mesh, Perforated, Pickets, or Custom Infill Panels.
FACTORY GLASS INSTALL	Standard	Optional	Standard	Optional	Optional	Optional	Optional	Optional
FRAME TYPE	L-Angle Frame	Tube Frame	L-Angle Frame	Tube Frame	Tube Frame (based on mounting conditions and height)	Tube Frame	Custom	Angle or Tube Frame (based on type, mounting conditions and height)
FRAME ADVANTAGE	Lower profile Minimizes Hinge Gaps	More versatile mounting options. Larger sizes.	Hurricane Rated	Hurricane Rated	More versatile mounting options. Larger sizes.	Higher Loads		More versatile mounting options.
COLOR SELECTION	RAL color chart and color matching	RAL color chart and color matching	RAL color chart and color matching	RAL color chart and color matching	RAL color chart and color matching	RAL color chart and color matching	RAL color chart and color matching	RAL color chart and color matching
SPECIAL OPTIONS		Full width weatherhood available for exterior mounted applications.		Larger doors available with PE Stamped Certification.	Larger doors available with PE Stamped Certification.	For higher blast loads contact sales.		