

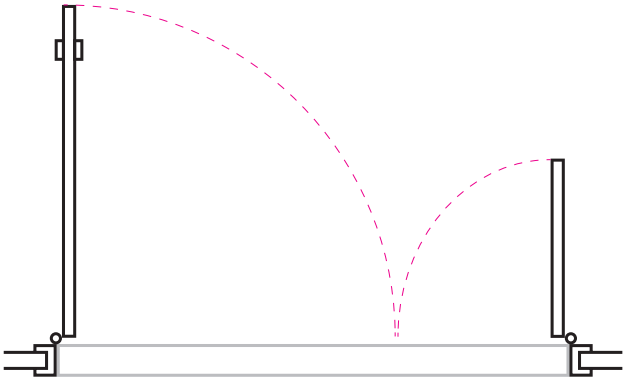
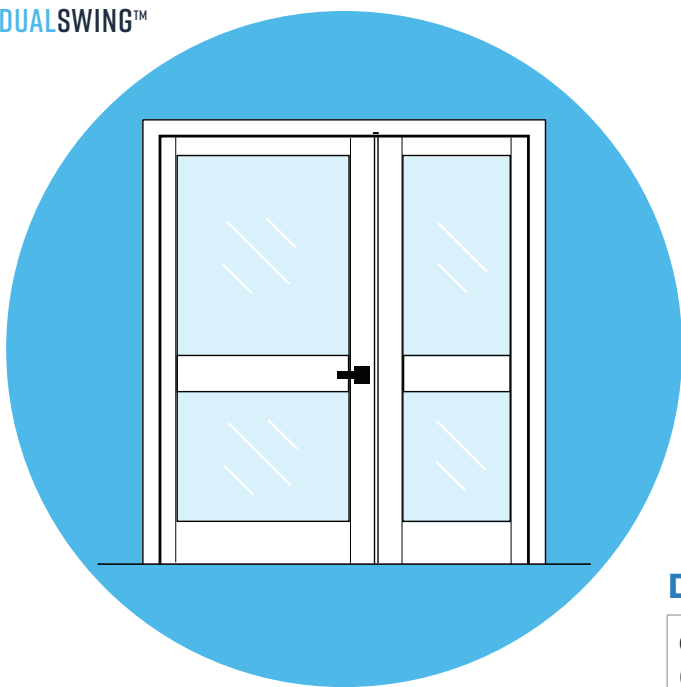


OPEN WIDE AND SAY AHH!

For health care applications when an extra wide opening is required, choose our innovative DualSwing™ swinging door system. This unequal pair of swing doors offers unequaled flexibility for acute care settings. We developed our DualSwing™ door system to accommodate large equipment without sacrificing valuable space. >>>

The AD Systems DualSwing™ door system consists of an unequal pair of swinging doors, designed for various health care environments such as acute care patient rooms, med-surg patient rooms, hospital imaging suites, and operating suites. These aluminum stile and rail doors come in multiple sizes and configurations, with designated active and inactive leaves. Built with AD Systems’ signature attention to detail and durable construction, DualSwing provides flexible and wide-opening solutions for health care projects. It also offers a variety of glazing options, including integral blind units, and is compatible with a full range of Allegion door hardware solutions.

DUALSWING™



DUALSWING OPEN VIEW

DOOR HEIGHTS:

Clear Opening	Rough Opening	Door Leaf
84"	85-1/2"	84"
85"	86-1/2"	85"
86"	87-1/2"	86"

DOOR WIDTHS:

Clear Opening (AUX Leaf Open)	Clear Opening (AUX Leaf Closed)	Rough Opening	Primary Door Opening	Auxiliary Door Leaf
54-3/8"	32"	61-5/16"	34-5/8"	24"
58-3/8"	36"	65-5/16"	38-5/8"	24"
64-3/8"	42"	71-5/16"	44-5/8"	24"
66-3/8"	32"	73-5/16"	34-5/8"	36"
70-3/8"	36"	77-5/16"	38-5/8"	36"
76-3/8"	42"	83-5/16"	44-5/8"	36"

*Custom sizes available up to maximum dimensions 120" and 108" tall



STANDARD FEATURES

Flexible width opening featuring two unequal leaf swing doors

Active/inactive leaf aluminum stile and rail doors are available in multiple sizes and configurations

Tested to UL 1784 – Standard Air Leakage Tests for Door Assemblies

Standard finish meets AAMA 2604 Test Standard for Powder Coating for durability

Easy to clean and robust aluminum frame system wraps and protects wall construction

ADA-compliant operation

Clear opening sizes (with auxiliary leaf open) up to 79-5/8"

System ships knocked down and ready to install into rough opening including:

- Wrapped perimeter frame system
- Full lite aluminum doors with 3-1/2" stiles and 1/2" glass stop
- Midrail available with 7-1/4" wide stile
- 10" bottom rail
- Smoke seals, gasketing, astragals, sweeps
- Allegion Hardware



HARDWARE OPTIONS

AD Systems Self Latching Passage Lever Lock

Ives Hinges and Flush Bolt (inactive leaf)

Optional LCN 4040 Closer or Glynn Johnson Door Stop

Optional Ives Continuous Hinges (non-smoke rated only)

Optional Schlage HL 6 Paddle Push/Pull



DECORATIVE OPTIONS

Aluminum stile and rail doors

Range of glazing and infill panel choices, including decorative glass, marker boards, integral blinds or solid infill panels

High quality Kynar PVDF paint for uniform finish, in standard silver or any custom color

DUALSWING™ SOLVES COMPLEX CHALLENGES IN ICU RENOVATION

Location: Charlotte, North Carolina

Architect: NBBJ

Products: DualSwing™, ExamSlide™,
InsetSlide™

Atrium Health Levine Children's Hospital underwent substantial renovations to its pediatric intensive care unit (PICU) to increase capacity and better support the needs of high-acuity patients. According to the design team at NBBJ, improving patient visibility and maintaining building safety were top priorities for this project—as were improving occupant experience and the functionality of the space.

To meet these goals, the design team looked for flexible opening doors that could maximize opening width without requiring a large swing arc trajectory for everyday use. DualSwing™ checked this box by providing an auxiliary leaf that could be activated when necessary to widen the opening to patient rooms. And because DualSwing features transparent glass, providers can monitor patients from multiple vantage points—a key project consideration. The door system is also certified to support pressurized environments, and its hardware meets Grade 1 standards to ensure components can withstand wear and tear.

DualSwing ultimately helped solve multiple design challenges inherent to retrofitting a low-acuity space into a high-acuity PICU.



Learn more about this project.

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“SPECIFYING THE RIGHT PATIENT DOOR WAS CRITICAL FOR THIS PROJECT. DUALSWING™ MET THE REQUIREMENTS FOR THE MEDICAL STAFF'S EVERYDAY OPERATIONS.”

- ANGELA SHIRLEY, IIDA, LEED AP
BD+C, EDAC ASSOCIATE AND SENIOR
INTERIOR DESIGNER AT NBBJ

HIGH PERFORMANCE DOORS

specADsystems.com | 425.740.6011 | info@specADsystems.com

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