

Product Catalog: Doors & Panels for HVAC Systems & Data Centers

Reliable. Customizable. Ready When You Are.



2025

About Us



WinTech is a 100% employee-owned American manufacturer focused on integrity, responsiveness, and continuous improvement. Every HVAC door and panel we build is engineered and produced in the United States, supported by a fully domestic supply chain. This control gives our partners dependable lead times and consistent on-time delivery.

Data centers and hyperscale facilities operate on tight deadlines with high expectations. HVAC systems must perform flawlessly, and so must their suppliers. Our U.S.-based operations and responsive team members help partners meet strict project schedules while avoiding the financial fallout of missed deadlines.

WinTech doors and panels are trusted by OEMs to protect mission-critical systems from whatever the environment throws at them: heat, cold, wind, or rain. With flexible options for hardware, skin types, and finishes, our panels and doors arrive job-site ready, built to spec, ready to install, and designed to keep your project on track.

When the schedule's tight, WinTech comes through. On time. Every time.



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SD DOOR SERIES

WinTech's SD Doors feature dual gaskets and are available in single or twin configurations, with positive (inswing) or negative (outswing) options. Door frames include thermal and non-thermal designs, along with various insulation options.

A powder coat finish is available in custom colors to match specific project requirements. Tested per ASTM E 283, 330, and 331 to withstand a water column pressure of up to 20 inches, SD Doors reliably protect against severe environmental conditions.

DOOR SKIN OPTIONS

- 16 ga Galvannealed
- 20 ga Galvannealed
- 16 ga Galvanized
- 20 ga Galvanized
- 16 ga Stainless Steel
- 20 ga Stainless Steel
- 0.050 Embossed Aluminum
- 0.063 Smooth Aluminum

Powder Coat Finish - Available on aluminum or galvannealed skins only

INSULATION OPTIONS

- Polyurethane Foam
- Mineral Wool
- Fiberglass

HARDWARE OPTIONS

Handles



- K1 Keyed
- K1 Non-Keyed
- K2 Keyed
- K2 Non-Keyed

Hinges

- Stainless Steel Continuous
- Stainless Steel 10"
- XYZ Adjustable



SD NEGATIVE (OUTSWING) DOORS

| DOOR SERIES | SD 2200 | SD 3200 | SD 4200 |
|--|--|--|--|
|  SYSTEM DEPTH (IN.) | 2 | 3 | 4 |
|  AIR INFILTRATION (ASTM E 283) | < 0.10 cfm/sf @ 20" wc (104psf) | < 0.10 cfm/sf @ 20" wc (104psf) | < 0.10 cfm/sf @ 20" wc (104psf) |
|  WATER INFILTRATION (ASTM E 331 & 330) | No Leakage @ 20" wc (104psf) | No Leakage @ 20" wc (104psf) | No Leakage @ 20" wc (104psf) |
|  R-VALUE (FOAM ONLY) | 13.3 | 20.0 | 26.7 |
|  MINIMUM SIZES | Single: 12" x 12" Twin: 24" x 16" | Single: 18" x 16" Twin: 24" x 16" | Single: 24" x 16" Twin: 24" x 16" |
|  MAXIMUM SIZES | Single: 60" x 120" Twin: 120" x 96" | Single: 60" x 120" Twin: 120" x 96" | Single: 60" x 120" Twin: 120" x 96" |



Note: Air/water performance is based on single door testing. Contact WinTech for twin door performance information.

SD POSITIVE (INSWING) DOORS

| DOOR SERIES | SD 2200 | SD 3200 | SD 4200 |
|--|--|--|--|
|  SYSTEM DEPTH (IN.) | 2 | 3 | 4 |
|  AIR INFILTRATION (ASTM E 283) | < 0.10 cfm/sf @ 20" wc (104psf) | < 0.10 cfm/sf @ 20" wc (104psf) | < 0.10 cfm/sf @ 20" wc (104psf) |
|  WATER INFILTRATION (ASTM E 331 & 330) | No Leakage @ 20" wc (104psf) | No Leakage @ 20" wc (104psf) | No Leakage @ 20" wc (104psf) |
|  R-VALUE (FOAM ONLY) | 13.3 | 20.0 | 26.7 |
|  MINIMUM SIZES | Single: 12" x 12" Twin: 24" x 16" | Single: 18" x 16" Twin: 24" x 16" | Single: 24" x 16" Twin: 24" x 16" |
|  MAXIMUM SIZES | Single: 60" x 120" Twin: 120" x 96" | Single: 60" x 120" Twin: 120" x 96" | Single: 60" x 120" Twin: 120" x 96" |



Note: Air/water performance is based on single door testing. Contact WinTech for twin door performance information.

AD DOOR SERIES

WinTech AD Doors are single-gasket doors available in single panel configurations, with inswing (positive pressure) or outswing (negative pressure) options. Frame types include thermal and non-thermal models, and door skins are offered in aluminum or stainless steel. Each door features an integral attachment flange for faster installation.

Tested in accordance with ASTM E 283, 547, and 331, AD Doors can withstand up to 5 inches of water column pressure, offering dependable protection in less demanding environmental conditions.

DOOR SKIN OPTIONS

- 16 ga Galvannealed
- 20 ga Galvannealed
- 16 ga Galvanized
- 20 ga Galvanized
- 16 ga Stainless Steel
- 20 ga Stainless Steel
- 0.050 Embossed Aluminum
- 0.063 Smooth Aluminum

Powder Coat Finish - Available on aluminum or galvannealed skins only

INSULATION OPTIONS

- Polyurethane Foam
- Mineral Wool
- Fiberglass

HARDWARE OPTIONS

Handles







- K1 Keyed
- K1 Non-Keyed
- K2 Keyed
- K2 Non-Keyed

Hinges

- Stainless Steel Continuous
- Stainless Steel 10"
- XYZ Adjustable









AD NEGATIVE (OUTSWING) DOORS

| DOOR SERIES | | AD 1100 | AD 1500 |
|--|--|----------------------------------|----------------------------------|
|  | SYSTEM DEPTH (IN.) | 1 | 1-1/2 |
|  | AIR INFILTRATION (ASTM E 283) | < 0.10 cfm/sf @ 5" wc (26psf) | < 0.10 cfm/sf @ 5" wc (26psf) |
|  | WATER INFILTRATION (ASTM E 331 & 547) | No Leakage @ 5" wc (26psf) | No Leakage @ 5" wc (26psf) |
|  | R-VALUE (FOAM ONLY) | 6.7 | 10.0 |
|  | MINIMUM SIZES | Single: 12" x 12" Twin: n/a | Single: 12" x 12" Twin: n/a |
|  | MAXIMUM SIZES | Single: 60" x 120" Twin: n/a | Single: 60" x 120" Twin: n/a |



Note: Air/water performance is based on single door testing. Contact WinTech for twin door performance information.

AD POSITIVE (INSWING) DOORS

| DOOR SERIES | | AD 1100 | AD 1500 |
|--|--|----------------------------------|----------------------------------|
|  | SYSTEM DEPTH (IN.) | 1 | 1-1/2 |
|  | AIR INFILTRATION (ASTM E 283) | < 0.10 cfm/sf @ 5" wc (26psf) | < 0.10 cfm/sf @ 5" wc (26psf) |
|  | WATER INFILTRATION (ASTM E 547 & 331) | No Leakage @ 5" wc (26psf) | No Leakage @ 5" wc (26psf) |
|  | R-VALUE (FOAM ONLY) | 6.7 | 10.0 |
|  | MINIMUM SIZES | Single: 12" x 12" Twin: n/a | Single: 12" x 12" Twin: n/a |
|  | MAXIMUM SIZES | Single: 60" x 120" Twin: n/a | Single: 60" x 120" Twin: n/a |



Note: Air/water performance is based on single door testing. Contact WinTech for twin door performance information.

ACCESS PANELS

WinTech's access panels are built for reliable performance and flexibility, making them a great fit for HVAC and air handling applications. Offered in a range of custom sizes, surface types, and thicknesses, these panels can be tailored to meet your project's specific needs. Panel frames are available in both non-thermal and thermally broken options, giving you the flexibility to match your thermal performance requirements.

Each panel includes an integral attachment flange for easy, secure installation and comes finished with a durable powder coat for a clean, professional appearance. With a focus on quality and durability, WinTech's access panels provide dependable thermal performance and long-lasting strength to support smooth system operation.

INSULATION TYPE

- Polyurethane Foam
- Mineral Wool
- Fiberglass





SKIN

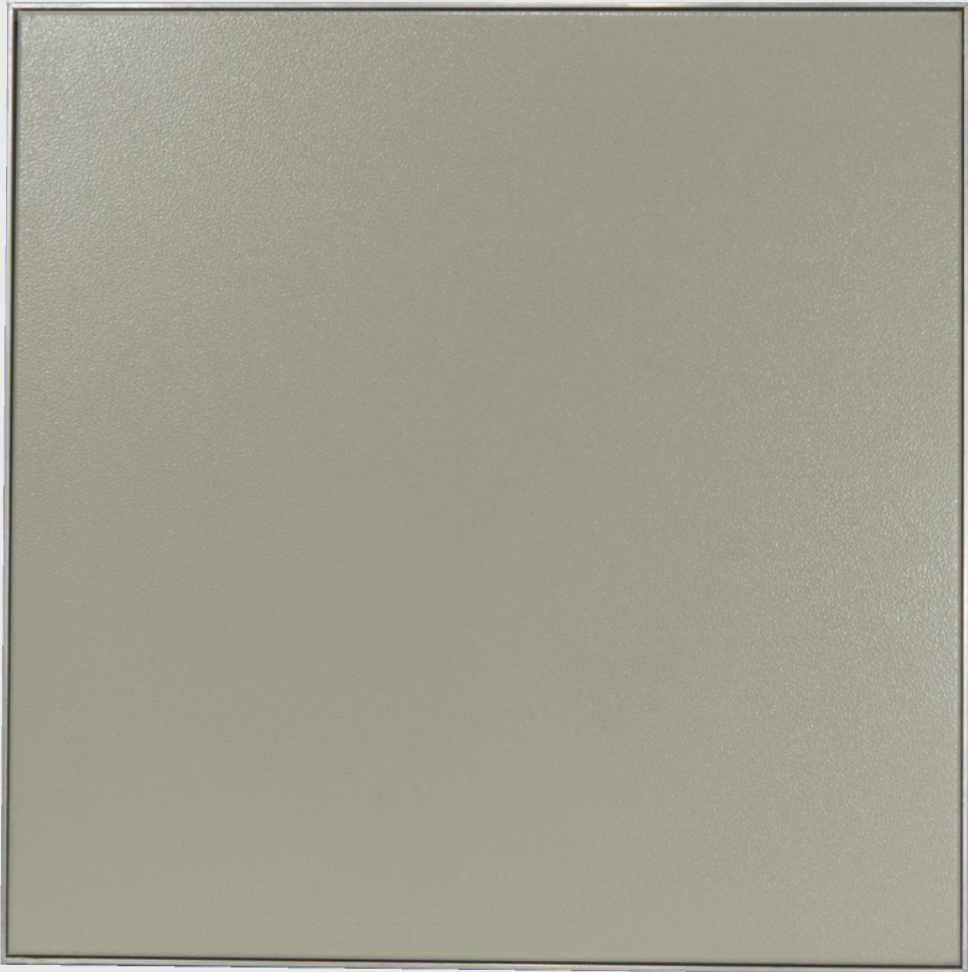
- | | |
|----------------------|---------------------------|
| • 16 ga Galvannealed | • 16 ga Stainless Steel |
| • 20 ga Galvannealed | • 20 ga Stainless Steel |
| • 16 ga Galvanized | • 0.050 Embossed Aluminum |
| • 20 ga Galvanized | • 0.063 Smooth Aluminum |

Powder Coat Finish - Available on aluminum or galvannealed skins only



ACCESS PANELS

| PANEL SERIES | | FTO 1000 | FTO 2000 | FTO 3000 | FTO 4000 |
|---|--|------------|------------|------------|------------|
|  SYSTEM DEPTH (IN.) | | 1 | 2 | 3 | 4 |
|  R-VALUE (FOAM ONLY) | | 6.7 | 13.3 | 20.0 | 26.7 |
|  MINIMUM SIZES | | 4" x 4" | 4" x 4" | 4" x 4" | 4" x 4" |
|  MAXIMUM SIZES | | 60" x 144" | 60" x 144" | 60" x 144" | 60" x 144" |



HVAC PANELS

WinTech's HVAC Panels are engineered to meet the demanding needs of air handling environments with reliable performance and flexible configuration. While similar in function to WinTech's Access Panels, these HVAC-specific panels feature a crimped frame design for enhanced structural performance.

The HVAC Panels are available in a range of custom sizes, panel thicknesses, and skin types. WinTech's insulated HVAC panels deliver dependable thermal performance and structural integrity across a variety of applications.

INSULATION TYPE

- Polyurethane Foam
- Mineral Wool
- Fiberglass





SKIN

- | | |
|----------------------|---------------------------|
| • 16 ga Galvannealed | • 16 ga Stainless Steel |
| • 20 ga Galvannealed | • 20 ga Stainless Steel |
| • 16 ga Galvanized | • 0.050 Embossed Aluminum |
| • 20 ga Galvanized | • 0.063 Smooth Aluminum |

Powder Coat Finish - Available on aluminum or galvannealed skins only







HVAC PANELS

| PANEL SERIES | | PL 1100 | PL 1500 | PL 1700 |
|--|---------------------|------------|------------|------------|
|  | SYSTEM DEPTH (IN.) | 1 | 1.5 | 1.75 |
|  | R-VALUE (FOAM ONLY) | 6.7 | 10.0 | 11.7 |
|  | MINIMUM SIZES | 4" x 4" | 4" x 4" | 4" x 4" |
|  | MAXIMUM SIZES | 60" x 144" | 60" x 144" | 60" x 144" |



HVAC PANELS (cont'd)

| PANEL SERIES | | PL 2000 | PL 3000 | PL 4000 |
|---|--|------------|------------|------------|
|  SYSTEM DEPTH (IN.) | | 2 | 3 | 4 |
|  R-VALUE (FOAM ONLY) | | 13.3 | 20.0 | 26.7 |
|  MINIMUM SIZES | | 4" x 4" | 4" x 4" | 4" x 4" |
|  MAXIMUM SIZES | | 60" x 144" | 60" x 144" | 60" x 144" |



VIEWPORTS

Viewports are small observation windows that allow safe, convenient inspection of air handling unit interiors without opening the door or interrupting system operation. This feature helps technicians monitor conditions quickly and safely, reducing downtime and limiting exposure to system hazards.

These viewports make it easier to spot potential issues early, such as dust buildup or mechanical faults, which can impact performance. Integrating viewports into WinTech doors enhances system oversight while supporting efficient, preventative maintenance.

STANDARD SIZES

- 6" x 6"
- 8" x 8"
- 8" x 12"
- 12" x 12"

GLASS OPTIONS






6" x 6"

- Single - Wire
- Ins - Wire/Wire

8" x 8", 8" x 12", 12" x 12"

- | | |
|-----------------------|---------------------------------|
| • Single - Clear Temp | • Ins - Wire / Clear Temp |
| • Single - Wire | • Ins - Wire / Wire |
| • Single - Lexan | • Ins - Clear Temp / Clear Temp |



| VIEWPORTS | | |
|---|--|--------------------------------|
|  | SYSTEM DEPTH (IN.) | ALL DEPTHS |
|  | AIR INFILTRATION (ASTM E 283) | <0.01 cfm/sf @ 20" wc (104psf) |
|  | WATER INFILTRATION (ASTM E 547 & 331) | No Leakage @ 20" wc (104psf) |
|  | MINIMUM SIZES | 6" x 6" |
|  | MAXIMUM SIZES | 36" x 36" |

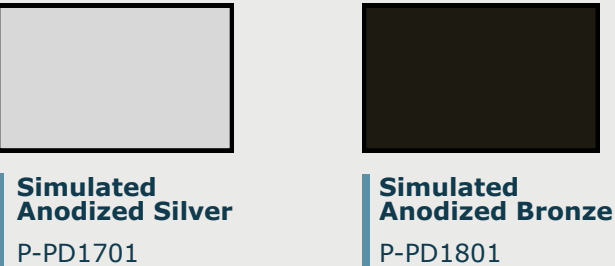


Finish Options

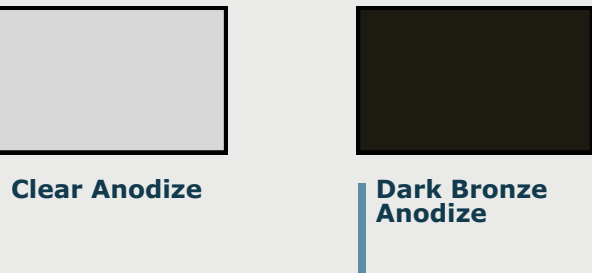
Standard Paint Colors (AAMA 2604)



Anodized Match Paint Colors (AAMA 2604)



Color Anodized Finishes (AAMA 611)



Specifications:

- All standard paints meet or exceed AAMA 2604 performance requirements.
- Anodized Match Paints meet or exceed AAMA 2604.
- Color Anodized Finishes meet or exceed AAMA 611.

Ordering Notes:

- Standard paints are powder-coated.
- Custom colors (including AAMA 2605 metallics, and liquid finishes) are available upon request.
- Finish available on aluminum or galvanized skins only.
- Custom options may involve extended lead times and additional costs.

Disclaimer:

Displayed colors are approximate representations only. Actual paint and anodized finishes may vary. Request physical samples to verify before specifying.

Projects

