COMMERCIAL OVERHEAD DOORS

COMMERCIAL
Buyer's Guide



Model E250

Non-insulated, 25-gauge ribbed steel available in white only.

Model E251

Polystyrene insulation with vinyl back, 25-gauge ribbed steel available in white only. R-value*: 8.0

Model E252

Polystyrene insulation with 27-gauge steel back, 25-gauge ribbed steel available in white only. R-value*: 8.0

Model E240

Non-insulated, 24-gauge ribbed steel available in white, brown, sandstone, or gray.

Model E241

Polystyrene insulation with vinyl back, 24-gauge ribbed steel available in white, brown, sandstone, or gray. R-value*: 8.0

Model E242

Polystyrene insulation with 27-gauge steel back, 24-gauge ribbed steel available in white, brown, sandstone, or gray. R-value*: 8.0

Model E220

Non-insulated, 20-gauge ribbed steel available in white only.

Model E221

Polystyrene insulation with vinyl back, 20-gauge ribbed steel available in white only. R-value*: 8.0

Model E222

Polystyrene insulation with 27-gauge steel back, 20-gauge ribbed steel available in white only. R-value*: 8.0

Model D285

2" thick, 26-gauge micro-grooved polystyrene sandwich door available in white, almond, sandstone, or brown. R-value*: 10.29

Model D153

1.5" thick, 28-gauge, polyurethane-filled, micro-grooved sandwich door available in white only. IECC® Compliant. R-value*: 13.68

Model D216

2" thick, 26-gauge, polyurethane-filled, micro-grooved sandwich door available in white, almond, sandstone, or brown. IECC® Compliant. R-value*: 17.54

Model D236

3" thick, 26-gauge, polyurethane-filled, micro-grooved sandwich door available in white, sandstone, or brown. IECC® Compliant. R-value*: 26.89

Model D212

2" thick, 20-gauge, polyurethane-filled, micro-grooved sandwich door available in white. IECC® Compliant. R-value*: 17.54

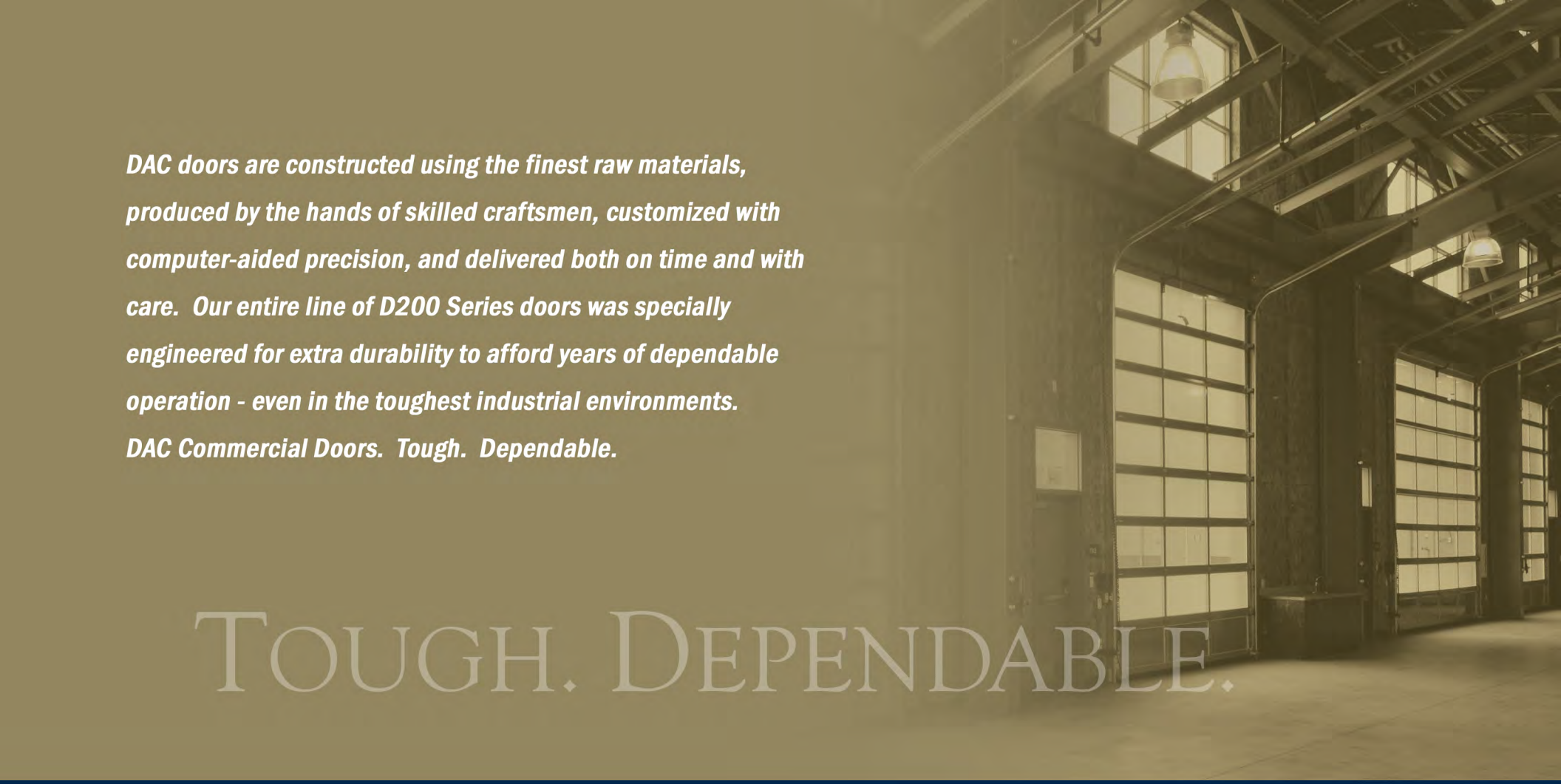
Model D295

Aluminum full-view door available in clear anodized aluminum or a selection of stock RAL powder-coat options of 188 colors.

*R-value Testing is in accordance with ASTM C518 standards.



THE D200 SERIES
PREMIUM COMMERCIAL DOORS



DAC doors are constructed using the finest raw materials, produced by the hands of skilled craftsmen, customized with computer-aided precision, and delivered both on time and with care. Our entire line of D200 Series doors was specially engineered for extra durability to afford years of dependable operation - even in the toughest industrial environments. DAC Commercial Doors. Tough. Dependable.

TOUGH. DEPENDABLE.

For commercial applications, TOUGHNESS is the name of the game. Because commercial-use doors see a lot of action, they need to be durable and long-lasting. DAC's line of tough, heavy-duty commercial doors are built to withstand a higher volume of operation, so you can be sure they'll be around for a long time. And DAC backs up all of its commercial doors with a 10-year limited warranty, because you want to feel good about your decision.

MODEL E250	25-gauge, Non-insulated
MODEL E251	25-gauge, Polystyrene Vinyl Back
MODEL E252	25-gauge, Polystyrene Steel Back
MODEL E240	24-gauge, Non-insulated
MODEL E241	24-gauge, Polystyrene Vinyl Back
MODEL E242	24-gauge, Polystyrene Steel Back
MODEL E220	20-gauge, Non-insulated
MODEL E221	20-gauge, Polystyrene Vinyl Back
MODEL E222	20-gauge, Polystyrene Steel Back

FEATURES

SECTIONS

Roll-formed steel sections are 2" thick, hot-dipped galvanized with a baked-on polyester finish

- Sections are available in:
  20-gauge white
  24-gauge white, brown, gray, or sandstone
  25-gauge white
- Stiles are box-shaped and galvanized
- Section joints are tongue-and-groove
- Bottom "U" type astragal is a standard feature
- Stiles are face-riveted vs glued

TRACKS

- Tracks are 2" or 3", as specified
- Available in bracket mount, angle mount, clip angle mount, 12" radius, 15" radius, high lift, vertical lift, roof pitch, or dual track low headroom

HARDWARE

- Package includes 11-gauge or 14-gauge hinges as specified
- 2" or 3" short-stem or long-stem ball bearing rollers
- Heavy-duty adjustable top roller brackets

SPRINGS

- Torsion springs are helically wound with oil-tempered wire
- Springs are individually-calibrated for each door
- Torsion tubes are galvanized for rust resistance
- High cycle spring options may be specified

INSULATION TYPE

- Polystyrene with high impact vinyl back cover
- Polystyrene with 27-gauge steel back cover
- Stiles include special clips to hold insulation retainer in position
- Insulated doors R-value* - 8.0

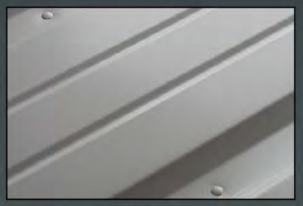
*R-value Testing is in accordance with ASTM C518 standards.



9' x 7' E252 white with optional 24" x 6" windows



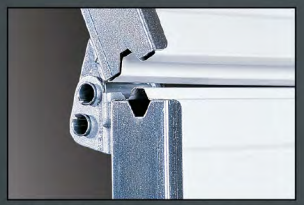
Larger doors come standard with double-end hinges and long-stem rollers for smooth operation and long life.



The face skin is attached to the box stiles using semi-tubular rivets vs. adhesives for added rigidity.



Box type stiles include unique tabs to keep insulation retainer clips tight against the stiles.



Section joints on all doors are tongue-and-groove for a tighter weatherseal and structural rigidity.



Extra-heavy bottom brackets are included for larger door sizes.

RIBBED STEEL DOORS

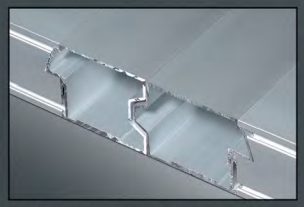




8' x 7' D295 clear anodized aluminum with plain glass and optional aluminum panels in the bottom section



Sections are assembled with through bolts for added strength. Top seals are available as an option.



Section joints are tongue-and-groove for a superior weatherseal.



Glass replacement is easy using removable inside retainers.

ALUMINUM FULL-VIEW DOORS

RESILIENT. STURDY.



MODEL D295

SECTIONS

- Sections are 2" thick, and assembled with through bolts at each vertical stile location
- Section joints are tongue-and-groove for a superior weatherseal
- Wide bottom rails, top rails, and end stiles create an extra-strong frame for the door
- Insulated and tempered glass is available in some sizes
- Aluminum panels can be substituted for glass panels
- Glass or aluminum panels can be easily replaced by removing an inside retainer
- Bottom "U" type astragal is a standard feature
- Available in clear anodized aluminum, white or a selection of stock RAL powder-coat options of 188 colors

TRACKS

- Tracks are 2" or 3", as specified
- Available in bracket mount, angle mount, clip angle mount, 12" radius, 15" radius, high lift, vertical lift, roof pitch, or dual track low headroom

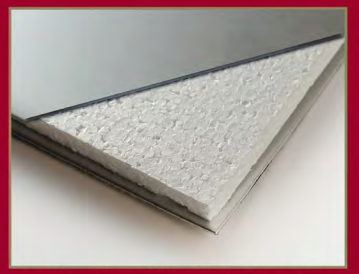
HARDWARE

- Package includes 11-gauge or 14-gauge hinges as specified
- 2" or 3" short-stem or long-stem ball bearing rollers
- Heavy-duty adjustable top roller brackets

SPRINGS

- Torsion springs are helically wound with oil-tempered wire
- Springs are individually-calibrated for each door
- Torsion tubes are galvanized for rust resistance
- High cycle spring options may be specified

FEATURES



3/8" insulation available with aluminum panels.

MODEL D285 26-gauge, Polystyrene

FEATURES

SECTIONS

- Features four evenly spaced micro-grooves that run horizontally across each section
- Double-sided steel doors are 26-gauge front and 27-gauge back for sturdiness
- Concealed steel back-up plates run from top to bottom of each section for secure hardware attachment
- Section joints are tongue-and-groove
- White painted end stiles
- Bottom "U" type astragal is a standard feature
- Available in white, almond, sandstone, or brown

TRACKS

- Tracks are 2" or 3", as specified
- Available in bracket mount, angle mount, clip angle mount, 12" radius, 15" radius, high lift, vertical lift, roof pitch, or dual track low headroom

HARDWARE

- Package includes 11-gauge or 14-gauge hinges as specified
- 2" or 3" short-stem or long-stem ball bearing rollers
- Heavy-duty adjustable top roller brackets

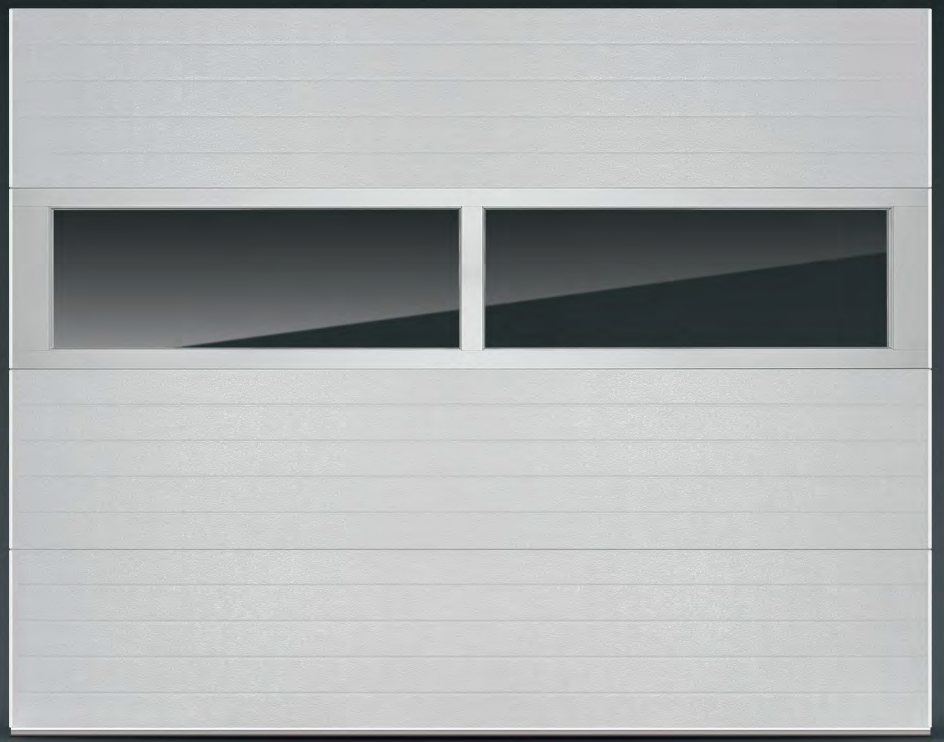
SPRINGS

- Torsion springs are helically wound with oil-tempered wire
- Springs are individually-calibrated for each door
- Torsion tubes are galvanized for rust resistance
- High cycle spring options may be specified

INSULATION TYPE

- Polystyrene core that's secured in place with a polyurethane adhesive to increase structural integrity
- Insulated doors R-value* - 10.29

*R-value Testing is in accordance with ASTM C518 standards.

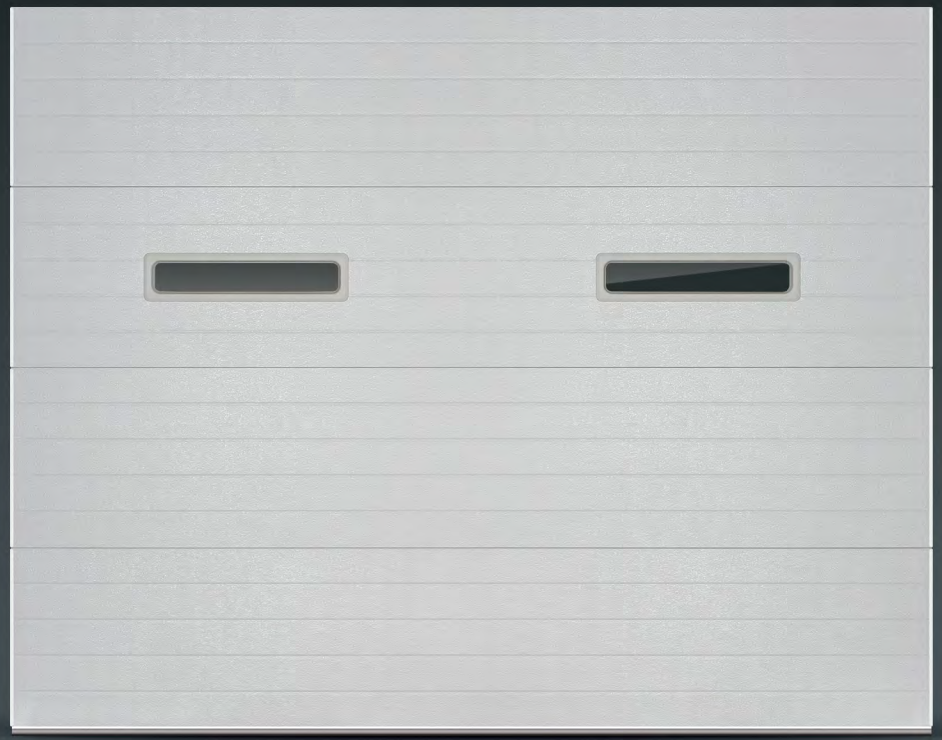


9' x 7' D285 white with optional white full-view window section

MICRO-GROOVED POLYSTYRENE SANDWICH

DEPENDABLE. RELIABLE.





9' x 7' D153 white with optional 24" x 6" windows

MICRO-GROOVED POLYURETHANE SANDWICH



MODEL D153 28-gauge, Polyurethane

FEATURES

SECTIONS

- Sections are 1.5" thick
- Sections include a thermal break to eliminate thermal convection
- Features four evenly spaced micro-grooves that run horizontally across each section
- Concealed steel back-up plates run from top to bottom of each section for secure hardware attachment
- Bottom "U" type astragal is a standard feature
- Available in white only

TRACKS

- Tracks are 2" or 3", as specified
- Available in bracket mount, angle mount, clip angle mount, 12" radius, 15" radius, high lift, vertical lift, roof pitch, or dual track low headroom

HARDWARE

- Package includes 14 gauge and 10 ball rollers, as specified
- 2" or 3" short-stem or long-stem ball bearing rollers
- Heavy-duty adjustable top roller brackets

SPRINGS

- Torsion springs are helically wound with oil-tempered wire
- Springs are individually-calibrated for each door
- Torsion tubes are galvanized for rust resistance
- High cycle spring options may be specified

INSULATION TYPE

- Foamed-in-place CFC free polyurethane core
- IECC® Compliant
- Insulated doors R-value* - 13.68

*R-value Testing is in accordance with ASTM C518 standards.



DOOR CONSTRUCTION

28-gauge exterior and interior steel skins injected with CFC free polyurethane insulation. The thermally-broken tongue and groove section joint includes a continuous weather seal offering exceptional protection from the elements.

MODEL D216 26-gauge, Polyurethane

MODEL D212 20-gauge, Polyurethane

FEATURES

SECTIONS

- Features four evenly spaced micro-grooves that run horizontally across each section
- 2" thick sections are foamed in place with polyurethane for superior R-value
- Thermally-broken to eliminate thermal conduction
- Gasket seal between sections provide for an extremely tight weatherseal
- Concealed steel back-up plates run from top to bottom of each section for secure hardware attachment
- Bottom "U" type astragal is a standard feature
- **MODEL D216** is available in white, almond, sandstone, or brown
- **MODEL D212** is available in white only

TRACKS

- Tracks are 2" or 3", as specified
- Available in bracket mount, angle mount, clip angle mount, 12" radius, 15" radius, high lift, vertical lift, roof pitch, or dual track low headroom

HARDWARE

- Package includes 11-gauge or 14-gauge hinges as specified
- 2" or 3" short-stem or long-stem ball bearing rollers
- Heavy-duty adjustable top roller brackets

SPRINGS

- Torsion springs are helically wound with oil-tempered wire
- Springs are individually-calibrated for each door
- Torsion tubes are galvanized for rust resistance
- High cycle spring options may be specified

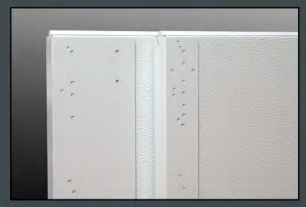
INSULATION TYPE

- Foamed-in-place CFC free polyurethane core
- IECC® Compliant
- Insulated doors R-value* - 17.54

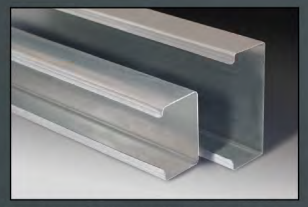
*R-value Testing is in accordance with ASTM C518 standards.



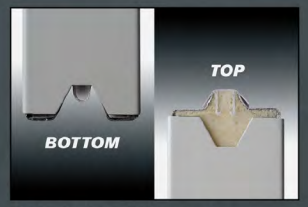
9' x 7' D216 white



Box type stiles include unique tabs to keep insulation retainer clips tight against the stiles.



Extra-heavy bottom brackets are included for larger door sizes.

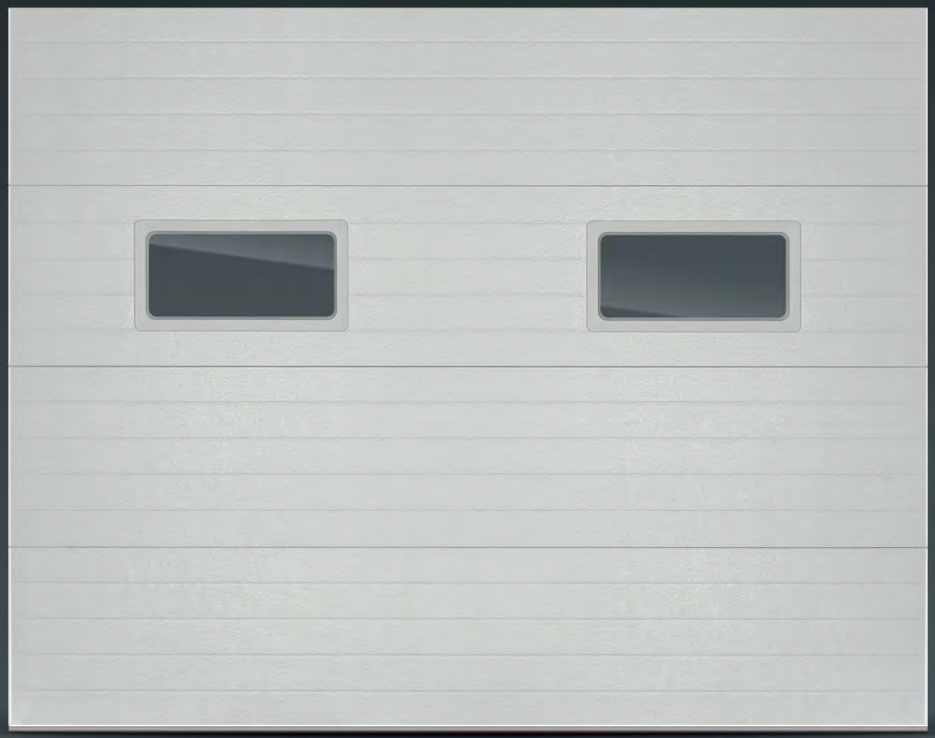


Section joints on all doors are tongue-and-groove for a tighter weatherseal and structural rigidity.

MICRO-GROOVED POLYURETHANE SANDWICH

DURABLE.
THERMALLY-BROKEN.





9' x 7' D236 white with optional 24" x 12" windows

3" MICRO-GROOVED POLYURETHANE SANDWICH

STRONG. SOLID.

MODEL D236 26-gauge, Polyurethane

FEATURES

SECTIONS

- Features four evenly spaced micro-grooves that run horizontally across each section
- 3" thick sections are foamed in place with polyurethane for superior R-value
- Thermally-broken to eliminate thermal conduction
- Gasket seal between sections provide an extremely tight weatherseal
- Concealed steel back-up plates run from top to bottom of each section for secure hardware attachment
- Bottom "U" type astragal is a standard feature
- Available in white, sandstone, or brown

TRACKS

- Tracks are 2" or 3", as specified
- Available in bracket mount, clip angle mount, 12" & 15" radius, high lift, vertical lift, roof pitch, or dual track low headroom

HARDWARE

- Package includes 11-gauge or 14-gauge hinges as specified
- 2" or 3" short-stem or long-stem ball bearing rollers
- Heavy-duty adjustable top roller brackets

SPRINGS

- Torsion springs are helically wound with oil-tempered wire
- Springs are individually-calibrated for each door
- Torsion tubes are galvanized for rust resistance
- High cycle spring options may be specified

INSULATION TYPE

- Foamed-in-place CFC free polyurethane core
- IECC® Compliant
- Insulated doors R-value* - 26.89

*R-value Testing is in accordance with ASTM C518 standards.



DOOR CONSTRUCTION

This Model utilizes 26-gauge exterior and 27-gauge interior steel skins injected with CFC free polyurethane insulation. The thermally-broken tongue and groove section joint includes a continuous weather seal offering exceptional protection from the elements.

LIMITED LIFETIME WARRANTY

DAC Enterprise, Inc. ("DAC") warrants steel garage door sections used in commercial applications, under normal conditions, against splitting, cracking, rusting through or delaminating for a period of ten (10) years. Hardware, including springs, is warranted against defects in material or workmanship for one (1) year. All warranty periods begin with the date of manufacture. DAC's obligations are strictly limited to repair or replacement of defective parts and components during the warranty period.

This limited warranty excludes: (1) rust caused by damages or scratching; (2) damage resulting from exposure to corrosive chemicals, corrosive fumes, salt environments including coastal areas, condensation, water or fire; (3) damages caused by accident, improper use, negligent operation, improper installation, improper maintenance or normal wear; (4) delamination caused by impact; (5) shipping, installation or labor charges; (6) defects in paints or coatings used to finish door sections; (7) any product or component which is modified, altered, or not part of the original door, and (8) damages resulting from any circumstances beyond the direct control of DAC.

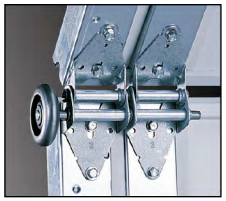
In the event of a defective component, contact the dealer the door was purchased from within fifteen (15) days from discovery of the defect. DAC reserves the right to inspect all products alleged to be defective and to verify eligibility of this limited warranty.

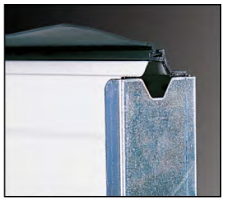
THIS LIMITED WARRANTY EXCLUDES ANY LOSS OR DAMAGE NOT SPECIFICALLY UNDERTAKEN HEREIN, INCLUDING, WITHOUT LIMITATION, ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, SUCH AS DEATH, INJURY, DAMAGES TO PROPERTY, OR DAMAGES ARISING FROM LOSS OF USE OF ANY PRODUCT OR FACILITY. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY, ARE HEREBY EXPRESSLY EXCLUDED.

This warranty is non-transferable.

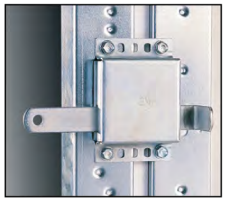

24" x 6" Window


Exhaust Port

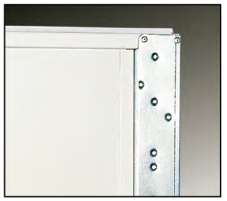

Double-End Hinges


Top Seal

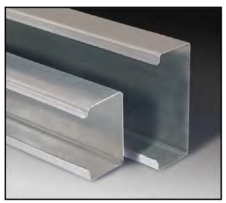

24" x 12" Window

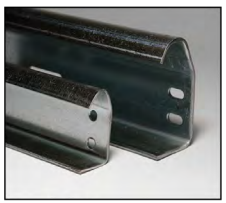

Inside Side Lock


2.75" and 6.25" White Painted Stiles


Insulation with Steel Back Cover

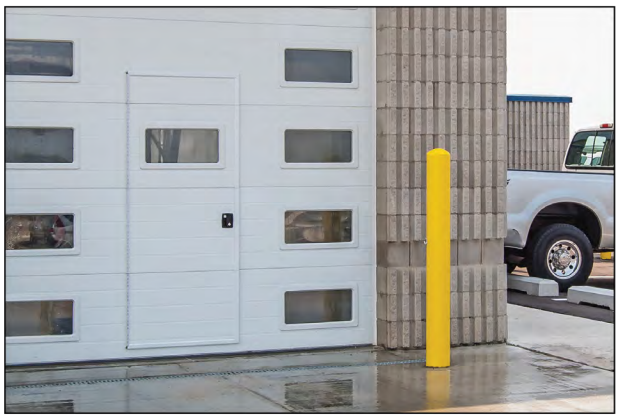

34" x 16" Window


C-Channel Truss 4" and 6"


2" and 3" Tracks


Clip Angle and Full Angle Tracks


Swing-Up Post

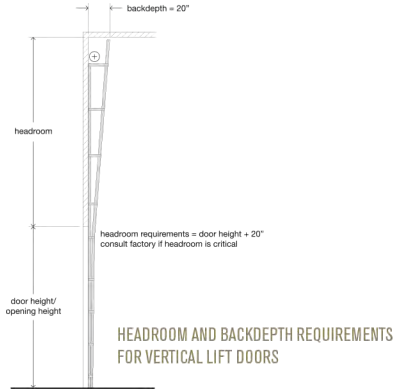

Pass Door

SPECIFICATIONS, OPTIONAL FEATURES AND ACCESSORIES

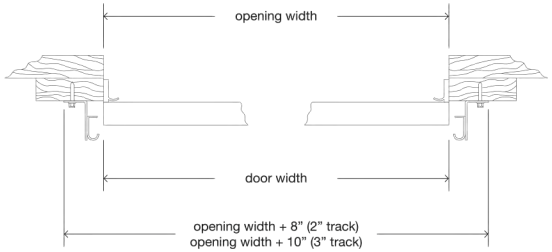
Please note that some optional features shown may not be available on all models; please see dealer for details.

TRACK SYSTEMS

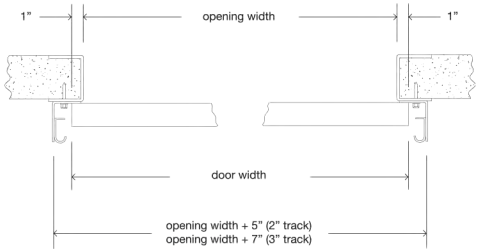
If adding an electric operator to standard lifts or low headrooms add a minimum of 3".



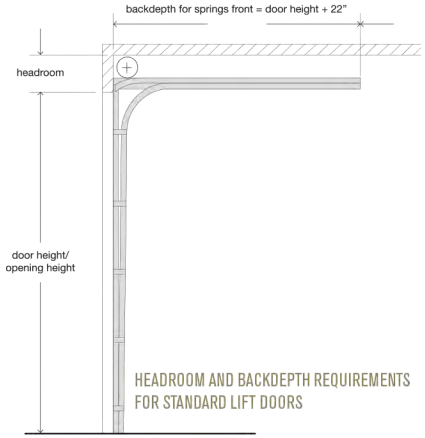
HEADROOM AND BACKDEPTH REQUIREMENTS FOR VERTICAL LIFT DOORS



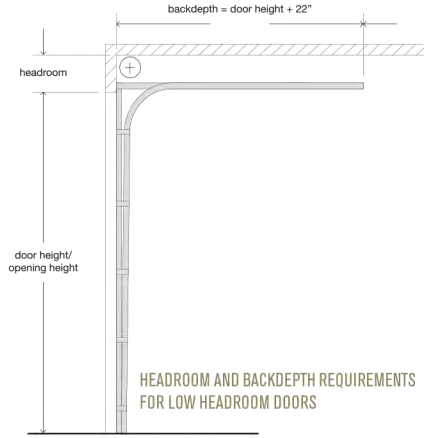
BRACKET MOUNTED TRACK ANGLE MOUNTED TRACK: LEG OUT (WOOD JAMBS SHOWN)



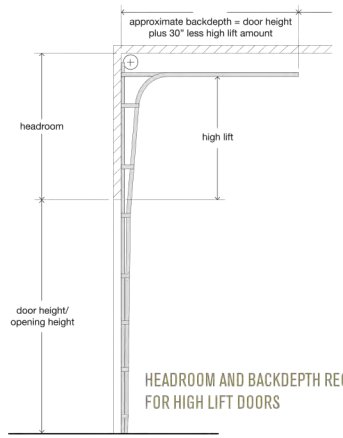
REVERSE ANGLE TRACK: LEG IN (STEEL JAMBS SHOWN)



HEADROOM AND BACKDEPTH REQUIREMENTS FOR STANDARD LIFT DOORS



HEADROOM AND BACKDEPTH REQUIREMENTS FOR LOW HEADROOM DOORS



HEADROOM AND BACKDEPTH REQUIREMENTS FOR HIGH LIFT DOORS

HEADROOM REQUIREMENTS FOR STANDARD LIFT

DOOR HEIGHT	2" TRACK 12" RADIUS	2" TRACK 15" RADIUS	3" TRACK 15" RADIUS
UP TO 12'	12"	15"	16"
12'3"-16'	15"	16"	17"
16'3"-18'	N/A	N/A	17"
OVER 18'	N/A	N/A	22"

VARIOUS SPRING AND DOOR DESIGNS MAY REQUIRE ADDITIONAL HEADROOM. CONSULT FACTORY IF HEADROOM IS CRITICAL.

HEADROOM REQUIREMENTS FOR LOW HEADROOM

TRACK SIZE	TRACK RADIUS	DOOR HEIGHT	TORSION SPRINGS FRONT	TORSION SPRINGS REAR
2"	12"R	UP TO 10'	7"	3"
2"	15"R	UP TO 12'	9"	6"
2"	15"R	12'3"-16'	11"	6"
3"	15"R	UP TO 12'	11"	8"
3"	15"R	12'3"-18'	13"	8"

VARIOUS SPRING AND DOOR DESIGNS MAY REQUIRE ADDITIONAL HEADROOM. CONSULT FACTORY IF HEADROOM IS CRITICAL.

MAXIMUM HIGH LIFT

AVAILABLE HEADROOM	2" TRACK	3" TRACK
UP TO 64"	HEADROOM MINUS 10"	HEADROOM MINUS 11"
65"-133"	HEADROOM MINUS 13"	HEADROOM MINUS 14"
134"-180"	HEADROOM MINUS 16"	HEADROOM MINUS 17"

COLOR SELECTIONS

WHITE

ALMOND

SANDSTONE

BROWN

GRAY

BLACK

Please note that all color options are not available for all models. Refer to samples at your local distributor for exact color match.

PROFESSIONAL. CHOICES.



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