

Alpine®

OVERHEAD DOORS, INC.



***Manufacturers of Superior Quality
Rolling Steel Doors Since 1972***

We're Always Rolling!™

*For additional details, drawings, 3-part specifications and more,
visit our website today:
www.alpinedoors.com*



FEMA



Alpine Overhead Doors, Inc. is an innovative US manufacturer of rolling doors. Since 1972, fueled by a passion for designing doors that are built to perform and last, Alpine has been focused exclusively on the rolling door market. Our products can be found across the United States and around the world, serving a wide variety of applications and environmental challenges. Our production facility currently manufactures over 60 different models, and the product line is growing. Alpine is a privately held, family owned company.

Every Alpine door is designed and built in our New York manufacturing facility. We are an ISO 9001:2015 registered firm, evidence of our commitment to consistently building high-quality doors. Further, we operate under Lean Six Sigma manufacturing principles to further increase efficiency and reduce waste. This allows us to remain competitive and deliver exceptional value to our customers.

We follow a made-to-order production process - crafting each door to the customer's exact size, specifications and requirements. This hands-on, individual design and manufacturing approach to every job ensures customer satisfaction. Simply, we design each door as a "special project" and not as a replicated product. We source the highest quality metals, materials and components only from established, reputable suppliers - those that closely share our mission and vision.

Our Commitment to Excellence

To ensure our customers only receive-- the highest level of quality products, we do extensive testing on all of our products and implement product enhancements while stringently following our quality programs. Below is a list of a few key procedures that we follow:

- **We are an ISO 9001:2015 Registered Firm, conforming with the International Standard of operation and manufacturing procedures.**
- **Routinely testing our products through Underwriters Laboratories (U.L.), Factory Mutual (F.M.), Miami-Dade County, Texas Insurance Agency, and Florida Department of Community Affairs Building Codes for high wind and fire protection products and many other agencies.**

Some of Our Many Projects Include:

PSE & G cooling towers — New Jersey, USA

Satellite Alert Facilities of Cape Canaveral — Florida, USA

Special Forces Base — Kuwait

Ministry of Defense — Bahrain

United States Army National Guard — Multiple locations, USA

Alaska Special Transports Ferry — Alaska, USA

Oil Rig Platforms — multiple locations off coast of Russia and Japan, etc.

Disclaimer: All data provided in this catalog is to be used for information purposes only and is subject to change without prior notice. Alpine shall not be liable for technical or editorial errors or omissions contained herein, nor for direct, incidental, consequential or any other damages resulting from furnishing, performance, or use of this printed information, even if Alpine Overhead Doors, Inc. has been advised of the possibility of such damages in advance.

SERVICE DOORS.....Page 4

Strong, durable flat and curved slatted doors designed for maximum security. Available in various gauges of steel and mounting configurations to accommodate almost any size opening.

INSULATED DOORS.....Page 6

Services door with thermal insulation to better protect against the elements and reduce energy costs. Sound dampening doors are available as well.

HIGH SPEED DOORS AND GRILLES.....Page 8

Doors that provide high speed, high cycle count, or both. High speed doors move at a speed of 24" on open and 12" on close. High cycle doors deliver up to 1,000,000 cycles.

COUNTER SHUTTERS.....Page 10

Designed for smaller counter-top openings. Various materials and finishes add beauty while providing security. Our attractive integral frame shutters are pre-assembled and lack exposed edges, making them easy to clean.

HURRICANE / FEMA DOORS.....Page 12

Doors that are tested and approved for stringent Miami Dade County as well as FBC wind-load requirements. These doors have also been impact tested in order to minimize damage from flying debris.

STOREFRONT DOORS.....Page 14

Open air grilles are ideal for storefronts and malls to allow consumers to view product while ensuring security. Economical solid slatted doors provide added security to egress doors and other openings of concern. Available with torsion or box spring counterbalance.

FIRE DOORS.....Page 16

UL tested and approved as fire protection as well as standard service doors. Doors will close automatically in the event of a fire with various means of activation.

FIRE SHUTTERS.....Page 19

UL tested and approved fire shutters are designed to close during a fire to prevent fire from spreading to areas that need added protection.

GRILLE DOORS.....Page 22

Grille doors are ideal for use in malls where vendors can advertise their products when the store is closed while consumers can visually see their products on display. Also used for storefronts, display cases, ventilation areas, and to protect glass window openings and service window openings.

SPECIALTY DOORS.....Page 28

These include marine doors, super-imposed/double doors, 6" slat doors and maximum security doors.

MOTORS, CONTROLS & ACCESSORIES.....Page 29

Offering a wide variety of motor operators, sensing edges, photo eyes, access controls, and much more.

DOOR REPLACEMENT PARTS BY REDI-FORM.....Page 31

Galvanized flat, curved, perforated, and insulated slats available in various sizes and gauges. We also offer grille materials as well as many other parts you can stock for repairs including slats, bottom bars, hoods, etc.

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com



APPLICATION AND USE

Alpine's service doors are used for storefronts, loading docks, warehouses, shipping and receiving platforms, aircraft hangars, military platforms and specialty applications.

- Designed for easy operation and are trouble free with minimal maintenance required. Alpine doors have been proven for use on thousands of installations for commercial and business locations. Alpine's quality and workmanship are proven throughout the door industry. Our hands-on approach to every job ensures customer satisfaction.
- Made-to-order manufacturing process. Alpine builds your product to the exact size, specifications and requirements.
- All of our products are constructed to have a rigid and compact design which provides for a more structural grade product while reducing overhead space and obstruction.
- Alpine builds trust by providing our products with a warranty on material and workmanship. We also offer optional five-year pro-rated warranties.
- We are an ISO 9001 registered firm which ensures you that our products are built with true quality you can count on.
- A variety of slat styles are available (see next page). Doors can be manually pushed up, hand-crank, hand-chain or motor operated. All operators can be adapted to specific conditions. Alpine rolling steel doors are durable, sturdy and economical to install and maintain.
- Wind-Tite® is utilized for specialty projects exceeding sizes of 60 feet in width.

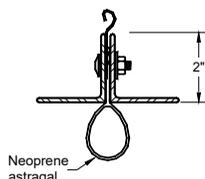
Rolling service doors as manufactured by Alpine Overhead Doors, Inc. Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

Exo-Shield



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at: <http://www.alpinedoors.com/standard-color-selection/>

Our standard bottom bar can be fitted with an astragal for your door.



For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

DOOR CONSTRUCTION

CURTAIN

Constructed of Interlocking, roll-formed slats, G90 coating exterior, G60 coating interior, structural quality grade C, as per ASTM-A653/A653-M.

Slat options: galvanized, stainless steel or aluminum.

Finish options: phosphate, baked enamel or powder coated.

GALVANIZED ENDLOCKS/WINDLOCKS

Ductile cast iron, hot-dipped galvanized endlocks/windlocks are riveted to the ends of the slats with 1/4" rivets. Option in brass material which prevents sparking. Furnish windlocks based on windload specifications.

BOTTOM BAR

Two roll-formed galvanized steel angles which are designed to reinforce the bottom of the curtain. Equipped with vinyl weatherstripping which extends into the guides. Galvanized steel as per ASTM-A653/A653-M.

BRACKETS

Steel plate not less than 1/4" thick with ball bearings at rotating support points. When bolted to the wall the mounting angle it supports the counterbalance assembly and forms an end enclosure.

Option: stop lock bearing which prevents the door from free falling in the event of a drive operation failure.

GUIDES

Guides are designed using structural steel angles with a minimum thickness of 3/16", minimum 1-1/4" slotted connections and removable bellmouth curtain stops which allow for curtain maintenance without removal of the guides. They are equipped with vinyl weather seals

SPRING COUNTERBALANCE

To be housed in a steel pipe with a diameter and wall thickness to restrict maximum deflection to 0.03" per foot of door width. Springs are of the helical torsion type which are designed to include an overload factor of 25% for optimum ease of operation. The springs are grease packed and mounted on a cold rolled steel inner shaft. Spring tension is adjustable from the outside of the end bracket plate. Sealed ball bearings prevent wear on the pipe shaft. Life cycle 17.5M thru 400M.

LOCKING

Option: 1. Can be equipped with slide locks for latching and locking the door on the coil side of the bottom bar.



Slide Lock

Option: 2. Slide/cylinder lock combo, key operable on one side only. Electric Interlocks are required for motorized doors.

FINISH

Slats are prepared with a minimum galvanizing of G-60 (interior) and G-90 (exterior). The hoods are galvanized and other exposed ferrous surfaces are either prime painted or powder coated.

Exo-Shield™: The powder coat finish is available for all of Alpines products and are available in over 188 standard colors with the option for custom colors and environmental requirements. Please See Alpine's Color Selection Page www.alpinedoors.com/colors_standard.htm

GALVANIZING (OPTIONAL)

Applied to the guides, brackets, pipe shafts and gears in addition to standard specifications. Applied where conditions of extreme or unusual atmospheric contamination is present. As per ASTM-A123.

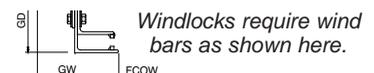
HOOD: HEXAGON Option: Square or Round

Made from #24 gauge galvanized steel and formed to fit the contour of the end brackets. Optional material in stainless steel or aluminum. Equipped with a neoprene air baffle.

Finish options: phosphate, baked enamel or powder coated.

FASCIA (OPTIONAL)

Useful where the area behind the hood is open. Especially applicable with pre-engineered buildings. Material to match hood.



OPTIONAL Slats Available:



2 3/4" Flat Slat with Endlocks is Standard



3" Curved Slat with Endlocks



4" Curved Slat with Endlocks

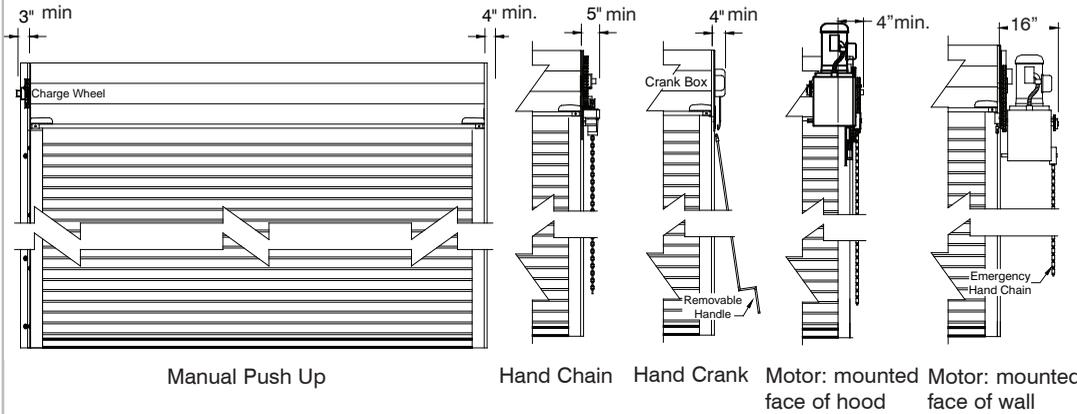


2-3/4" Perforated Flat Slat



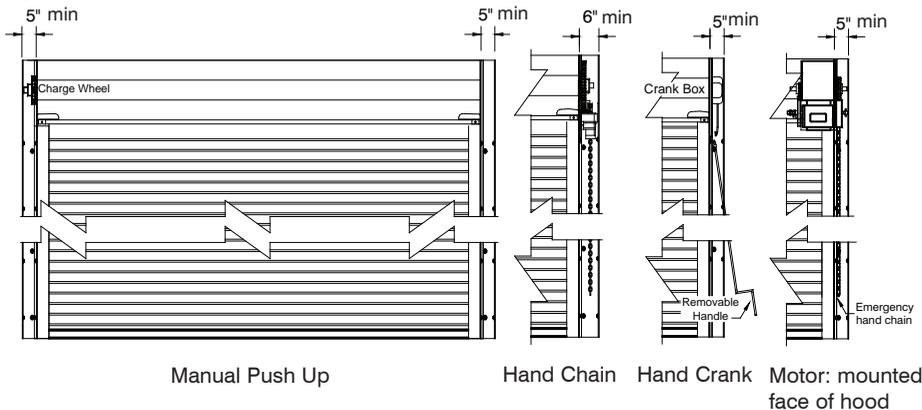
Fenestrated slats add ventilation and visibility. Vision lites may also be added to the slats.

SERVICE DOOR - FACE OF WALL MOUNTING SHOWN WITH REDI-MASTER® MOTOR CLEARANCE / TYPES OF OPERATION



Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

SERVICE DOOR - BETWEEN JAMB MOUNTING SHOWN WITH REDI-LIFT® MOTOR CLEARANCE / TYPES OF OPERATION



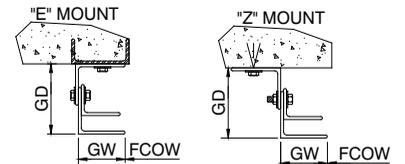
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

Legend

FCOH = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

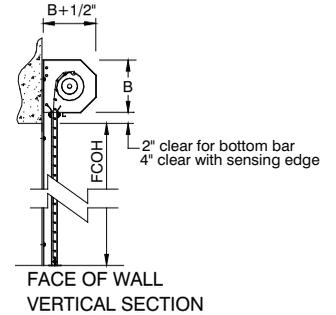
FCOW = Frame clear opening width
GW = Guide width
FOW = Face of wall

FACE OF WALL MOUNTING GUIDE DETAILS

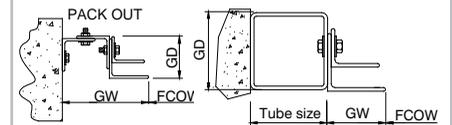


Guide depth is typically 4-1/2"
Guide width is typically 3"

FACE OF WALL MOUNTING VERTICAL SECTION

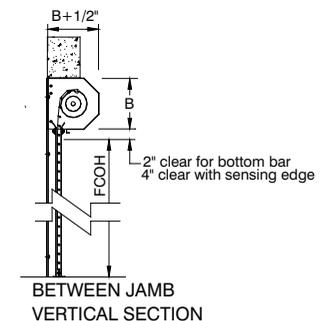


BETWEEN JAMB MOUNTING GUIDE DETAILS



Guide depth is typically 4-1/2"
Guide width varies

BETWEEN JAMB MOUNTING VERTICAL SECTION



For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

DOOR CONSTRUCTION



IMB-V7 with Optional Vision Lites

APPLICATION AND USE

Alpine's insulated doors are used for loading docks, warehouses, shipping and receiving platforms, healthcare facilities, distribution and retail outlets, medical and educational facilities.

In times of rising energy costs, Alpine recognizes the need for better protection against the elements. To help combat this problem, Alpine offers two insulated doors designed to provide energy efficiency.

- Both utilize a heat resistant polyurethane insulation with a low thermal transmittance factor.
- To facilitate complete protection against the elements the thermal seal door combines the features of the weather seal door, with a neoprene hood baffle, weather strip guides and rubber seal for the bottom bar.
- Alpine's insulated rolling service doors are designed using computer generated technology and are fabricated according to your specific requirements.
- Alpine's metal on metal insulated slat is offered with either polystyrene insulation or CFC/HCFC free foamed-in-place polyurethane insulation. Polyurethane bonds to the metal skin and strengthens the slat. Slat thickness is at minimum 5/8".
- Front slat available in 18 or 20 gauge. The door curtain consists of interlocking flat slats.
- Endlocks are attached to each alternate slat allowing the door to maintain proper alignment as it travels both up and down. If your door project requires you to meet specific windload criteria, we also incorporate windlocks to the ends of each of the door curtain slats.



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at: <http://www.alpinedoors.com/standard-color-selection/>

CURTAIN

Constructed of Interlocking, roll-formed galvanized flat slats, a CFC-Free, Polystyrene insulated slat that provides protection against air infiltration. G90 coating exterior, G60 coating interior, structural quality grade C, as per ASTM-A653/A653-M.

Finish options: baked enamel or powder coated.

GALVANIZED ENDLOCKS/WINDLOCKS

Ductile cast iron, hot-dipped galvanized endlocks/windlocks are riveted to the ends of the slats with 1/4" rivets. Option in brass material which prevents sparking. Furnish windlocks based on windload specifications.

BOTTOM BAR

Two roll-formed galvanized steel angles which are designed to reinforce the bottom of the curtain. Equipped with vinyl weatherstripping which extends into the guides. Galvanized steel as per ASTM-A653/A653-M. Optional weather seals can be provided for the interior guides and or the lintel.

GUIDES

Guides are designed using structural steel angles with a minimum thickness of 3/16", minimum 1/4" slotted connections and removable bellmouth curtain stops which allow for curtain maintenance without removal of the guides. They are equipped with vinyl weather seals.

SPRING COUNTERBALANCE

To be housed in a steel pipe with a diameter and wall thickness to restrict maximum deflection to 0.03" per foot of door width. Springs are of the helical torsion type which are designed to include an overload factor of 25% for optimum ease of operation. The springs are grease packed and mounted on a cold rolled steel inner shaft. Spring tension is adjustable from the outside of the end bracket plate. Sealed ball bearings prevent wear on the pipe shaft. Life cycle 17.5M thru 400M. The counterbalance assembly is designed with a helical torsion spring which is housed in a pipe barrel. The springs are computer designed to effectively counterbalance the door for a standard 20,000 life cycles of operation. High cycle springs can be designed to satisfy up to 400,000 life cycles.

BRACKETS

Steel plate not less than 1/4" thick with ball bearings at rotating support points. When bolted to the wall the mounting angle it supports the counterbalance assembly and forms an end enclosure.

Option: stop lock bearing which prevents the door from free falling in the event of a drive operation failure.

HOOD: HEXAGON (Option: Square or Round)

Made from #24 gauge galvanized steel and formed to fit the contour of the end brackets. Optional material in stainless steel or aluminum. Equipped with a neoprene air baffle.

Finish options: phosphate, baked enamel or powder coated.

FASCIA (OPTIONAL)

Useful where the area behind the hood is open. Especially applicable with pre-engineered buildings. Material to match hood.

OPERATION

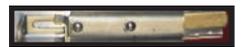
Available in push-up, hand chain, hand-crank, or motor operation. For other optional features see the motor operators section in this catalog. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS

Optional control stations are available as push button control station or key control stations. Special control stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

LOCKING

Option: 1. Can be equipped with slide locks for latching and locking the door on the coil side of the bottom bar.
Option: 2. Slide/cylinder lock combo, key operable on one side only.
Electric interlocks are required for motorized doors.



Slide Lock

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

OPTIONAL Slats Available:



IMB-V5



IMB-V7



IMB-V9

Upgradable to:



Insul-Sound

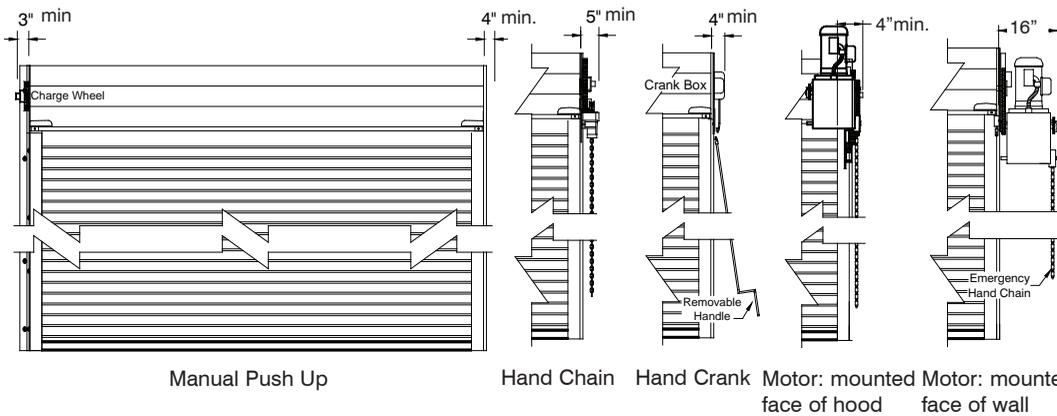


Insul-Vapor



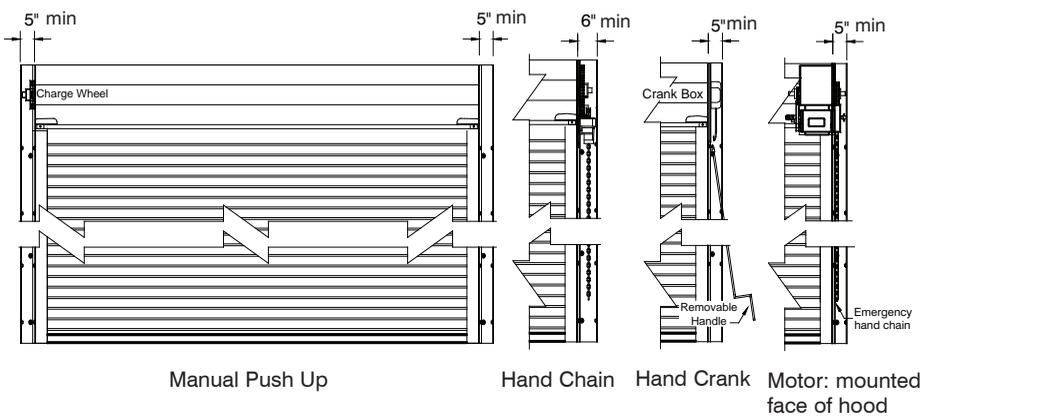
Vision lites are also available on certain models.

INSULATED DOOR - FACE OF WALL MOUNTING SHOWN WITH REDI-MASTER® MOTOR CLEARANCE / TYPES OF OPERATION



Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

INSULATED DOOR - BETWEEN JAMB MOUNTING SHOWN WITH REDI-LIFT® MOTOR CLEARANCE / TYPES OF OPERATION



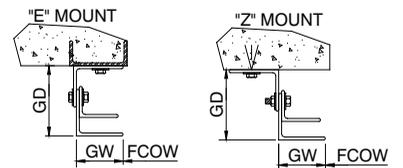
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

Legend

FCOH = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

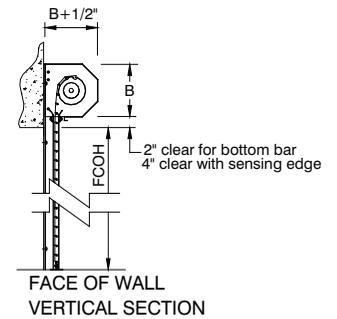
FCOW = Frame clear opening width
GW = Guide width
FOW = Face of wall

FACE OF WALL MOUNTING GUIDE DETAILS

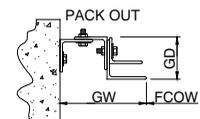


Guide depth is typically 4-1/2"
Guide width is typically 3"

FACE OF WALL MOUNTING VERTICAL SECTION

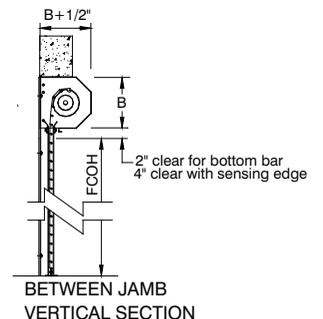


BETWEEN JAMB MOUNTING GUIDE DETAILS



Guide depth is typically 4-1/2"
Guide width varies

BETWEEN JAMB MOUNTING VERTICAL SECTION



For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com



APPLICATION AND USE

Alpine's high speed doors and grilles are used for loading docks, warehouses, shipping and receiving platforms, car dealerships, parking garages, fire houses, and anywhere fast acting doors are required.

- Variable frequency operator allows for increased speeds (up to 24" up, and 12" down) and increased longevity with soft start/stop features
- No sprocket or chain, which tend to wear over time
- Springless design maximizes uptime
- Faster cycles reduce energy costs and increase productivity
- Static and operational windloads are available
- Standard safety and entrapment features include light curtains and photo eyes
- Warrantied up to 300,000 cycles or 2 years
- Optional monitored sensing edge

Rolling service doors as manufactured by Alpine Overhead Doors, Inc. Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at: <http://www.alpinedoors.com/standard-color-selection/>

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

DOOR CONSTRUCTION

CURTAIN

Speed-Tite™: Galvanized roll-formed 2.75" galvanized flat slats, Structural Quality Grade D per ASTM-A653/A653-M as standard.

Speed-Tite™ IMB: Galvanized roll-formed 2.75" insulated galvanized slats, 7/8" thick, Structural Quality Grade D per ASTM-A653/A653-M as standard.

Speed-Grille™: Brick Pattern (6") or Straight Pattern (6" or 9") continuous solid 5/16" hot dipped galvanized horizontal rods spaced 2" o.c. with aluminum vertical links and horizontal sleeves. Continuous end links designed to prevent curtain from leaving the side of the guides.

Material/Finish Options:

Speed-Tite™/Speed-Tite™ IMB: Stainless Steel, Pre-painted Tan, White or Grey; or ExoShield™ High Cycle Powder Coating.

Speed-Grille™: Stainless Steel Sleeves with Stainless Steel Links also available.

GALVANIZED ENDLOCKS/WINDLOCKS

Ductile cast iron, hot-dipped galvanized endlocks/windlocks are riveted to the ends of the slats with 1/4" rivets. Option in brass material which prevents sparking. Furnish windlocks based on wind load specifications.

BOTTOM BAR

Two galvanized roll-formed steel or structural steel angles which are designed to reinforce the bottom of the curtain. Equipped with rubber astragal or a sensing edge which extends into the guides. Galvanized steel as per ASTM-A653/A653-M.

BRACKETS

ExoShield™ powder coated grey carbon steel plate not less than 1/4" thick with ball bearings at rotating support points on drive bracket.

GUIDES

Alpine's Guide system is designed using structural steel angles with a minimum thickness of 3/16" meeting the ASTM A36 Standard. Self-lubricating UHMW anti wear strips along with one inch spacing of the guide channel ensures smooth operation. Vinyl clip on guide weather seal is standard.

Optional: Lintel brush seal and 1.5" brush seals on the guides which prevents the infiltration of rain, snow, and ice through the header and guide system.

SPRINGLESS SHAFT

Steel shaft construction, with springless design which allows for cycle capacity and minimizes maintenance.

LOCKING

Option 1: Slide bolt locks on the bottom bar. (With electric interlocks to prevent damage.)

Option 2: Slide/cylinder lock combo, key operable on one side only. (With electric interlocks to prevent damage.)

Option 3: Motor acts as lock.



Slide Lock

GALVANIZING (OPTIONAL)

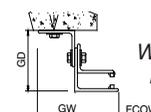
Applied to the guides, brackets and gears in addition to Standard Specifications. Applied where conditions of extreme or unusual atmospheric contamination is present. As per ASTM-A123. (Pipe Shafts available with Zinc Enriched Powder Coating or Stainless-Steel)

HOOD: HEXAGON (Option: Square or Round)

Made from #24 gauge galvanized steel as standard and formed to fit the contour of the end brackets. Optional material in stainless steel. Equipped with a neoprene air baffle. Finish Options: #4 stainless steel or powder coated to match curtain.

FASCIA (OPTIONAL)

Useful where the area behind the hood is open. Especially applicable with pre-engineered buildings. Material to match hood.



Windlocks require wind bars as shown here.



Speed-Tite™
2 3/4" Flat Slat
(Endlocks Shown)



Speed-Tite™ IMB
2 3/4" Insulated
Flat Slat



Speed-Grille™
Brick Pattern
Available in 6"



Speed-Grille™
Straight Pattern
Available in 6" or 9"

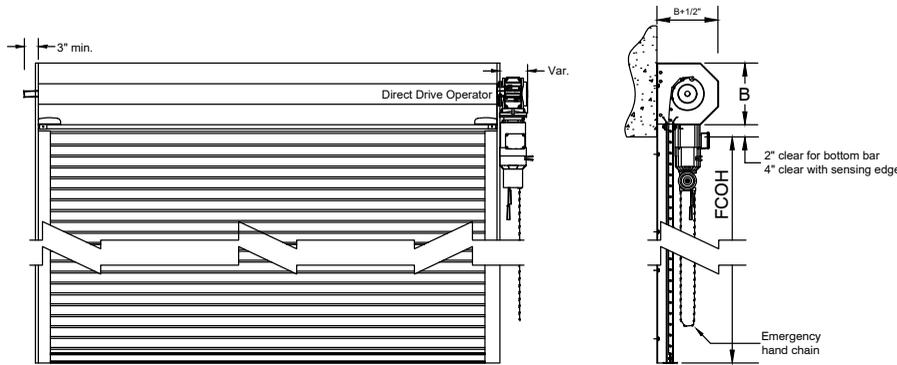


Fenestrated slats add ventilation and visibility (Speed-Tite™ only)

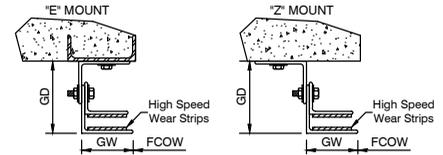


Vision lites are available on Speed-Tite™ and Speed-Tite IMB

SPEED-TITE™ - FACE OF WALL MOUNTING SHOWN WITH HIGH SPEED DIRECT DRIVE OPERATOR MOTOR CLEARANCE

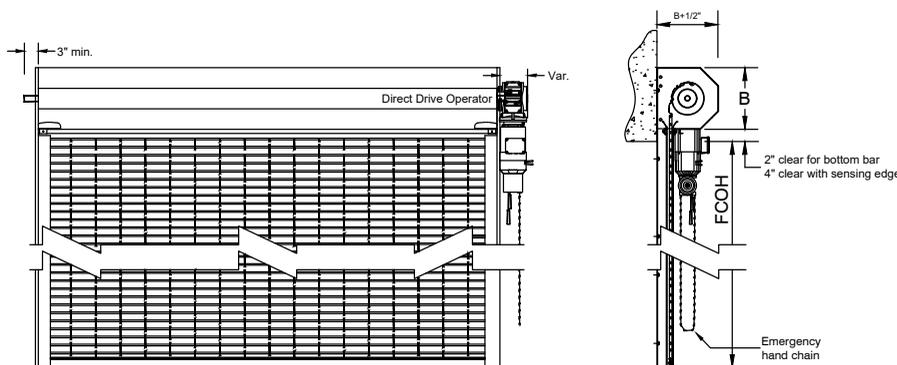


FACE OF WALL MOUNTING GUIDE DETAILS

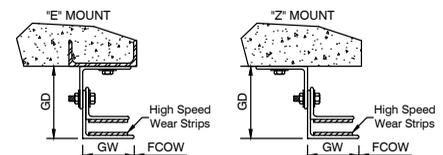


Guide depth is typically 4-1/2"
Guide width is typically 3"

SPEED-GRILLE™ BRICK - FACE OF WALL MOUNTING SHOWN WITH HIGH SPEED DIRECT DRIVE OPERATOR MOTOR CLEARANCE

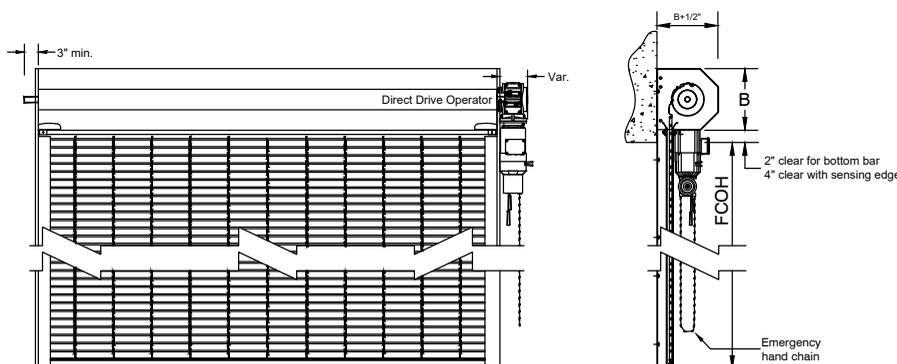


FACE OF WALL MOUNTING GUIDE DETAILS

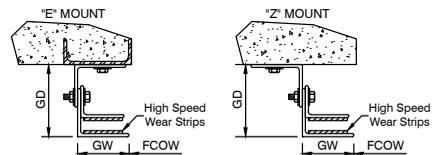


Guide depth is typically 4-1/2"
Guide width is typically 3"

SPEED-GRILLE™ STRAIGHT - FACE OF WALL MOUNTING SHOWN WITH HIGH SPEED DIRECT DRIVE OPERATOR MOTOR CLEARANCE



FACE OF WALL MOUNTING GUIDE DETAILS



Guide depth is typically 4-1/2"
Guide width is typically 3"

Legend

- FCOH = Frame clear opening height
- FCOW = Frame clear opening width
- B = Bracket (endplate)
- GW = Guide width
- GD = Guide depth
- FOW = Face of wall
- BJ = Between jamb

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com



DOOR CONSTRUCTION

CURTAIN

The curtain consists of interlocked, roll-formed 1-1/4" flat slats, 1/2" deep, made of 22 gauge galvanized steel, G90 coating exterior, G60 coating interior, structural quality grade C, as per ASTM A653/A653-M.

Material options: stainless steel or aluminum

Finish options: galvanized, baked enamel or powder coated.

GUIDES

Steel guides are laser cut 12 gauge steel, frame encased and fitted with removable bellmount curtain stops, to allow for curtain maintenance without removal of the guides. Bell mouth stops shall be flush with the guide groove.

COUNTERBALANCE ASSEMBLY

The steel pipe barrel is a size capable of carrying a curtain load with a max. deflection of 0.03" per foot opening width. The helical torsion spring is encased in a barrel designed to require minimum effort to operate the rolling curtain and bottom bar. A torsion spring charge wheel is used for applying spring torque and for future adjustments.

Option: stainless steel or hot-dipped galvanized.

OPERATION

Available in push-up, hand crank, or motor operation. For optional features see the motor operators section in this catalog. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS

Optional control stations are available as push button control station or key control stations. Special control stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

LOCKING

Standard slide locks on the bottom bar. Also optional cylinder locks. Electric interlocks required for motorized doors.

FINISHES (OPTIONAL)

Phosphate treated and finished with a baked enamel paint. Alpine offers 186 durable powder coating colors. Stainless steel, #4 finish. All other exposed ferrous surfaces are prime painted.



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at: <http://www.alpinedoors.com/standard-color-selection/>

APPLICATION AND USE

Alpine's rolling counter shutters provide security, visibility and airflow on all storefront openings. These doors are ideal for school cafeterias, healthcare facilities, hospitals and airport concession displays.

- Alpine's overhead doors are constructed with the highest quality material and the latest in technical innovation to ensure that each door exceeds the requirements it is meant to achieve.
- Alpine's dedicated team of professionals work diligently with the customer beyond the sale to show our customers that their satisfaction is our top priority.
- Alpine's quality and workmanship are proven throughout the door industry. Our hands-on approach to every job ensures customer satisfaction.
- Each Alpine counter shutter is built to the exact opening size requirements for your specific project. When the shutter is rolled up the curtain is fully stored in an overhead coil and is totally supported by the side guides.
- These doors are highly durable and are designed to withstand heavy commercial use. Best of all, little to no maintenance is required.

Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

OPTIONAL Slats and Grilles Available:



1 1/4" Flat Slat is Standard



2" Curved Slat



1 1/4" Perforated Slat



Brick Pattern



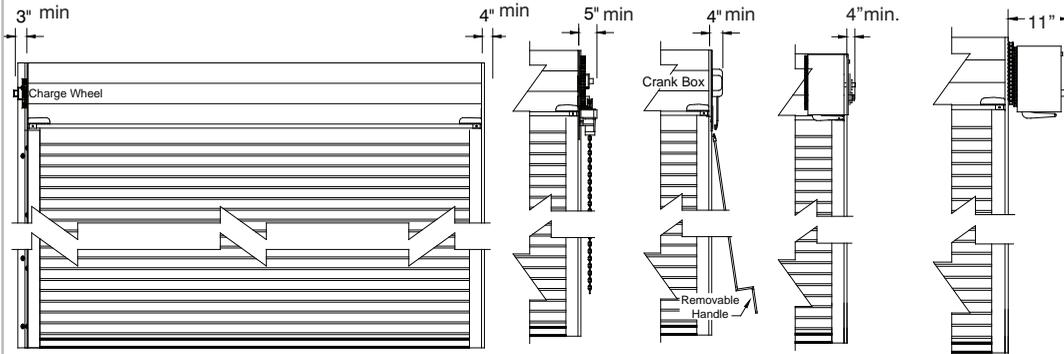
Straight Pattern

Standard 9" Spacing, Optional: 3", 4.5" or 6"

Alpine will design a counter grille door to suit your needs. Please refer to the catalog section for grille doors to see more details on the grille options.

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

**COUNTER SHUTTER - FACE OF WALL MOUNTING
CLEARANCE / TYPES OF OPERATION**



Manual Push Up

Hand Chain

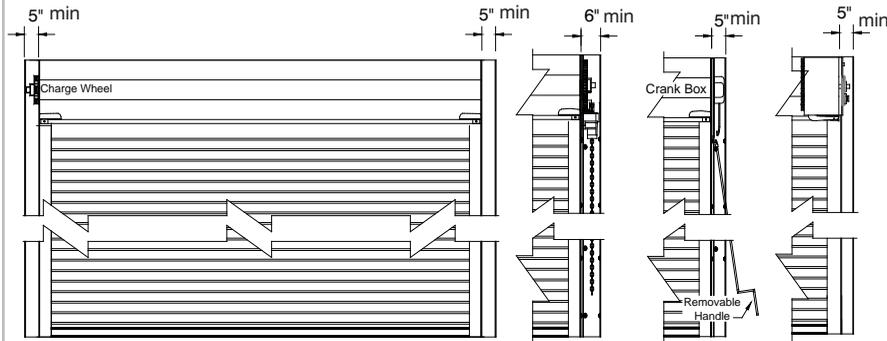
Hand Crank

Motor: mounted face of hood

Motor: mounted face of wall

Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

**COUNTER SHUTTER - BETWEEN JAMB MOUNTING
CLEARANCE / TYPES OF OPERATION**



Manual Push Up

Hand Chain

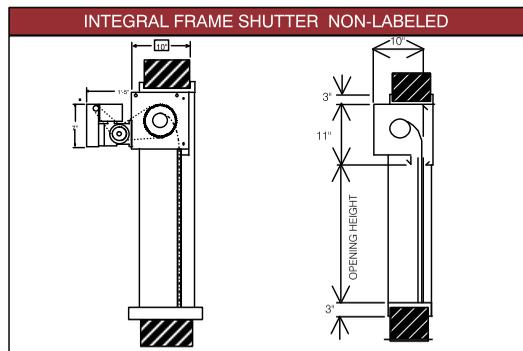
Hand Crank

Motor: mounted face of hood

Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

COUNTER SHUTTER - SPLIT FRAME - LET ALPINE BUILD YOUR FRAME FOR YOU

These doors are fully assembled at the factory and offer a clean, custom appearance with no exposed edges. There exists no field assembly required therefore these doors make for a quick and easy installation. Completed units are factory welded and provide a seamless, built-in look. Units are built to exact opening size requirements.



Split-FRAME™
FRAMED ROLLING COUNTER SHUTTERS

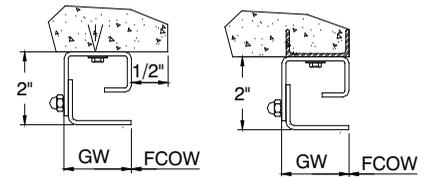


Legend

- FCOH = Frame clear opening height
- B = Bracket (endplate)
- GD = Guide depth
- BJ = Between jamb

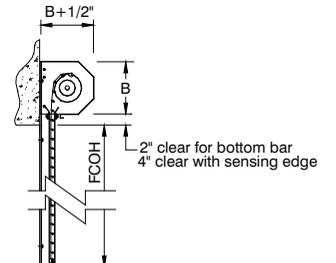
- FCOW = Frame clear opening width
- GW = Guide width
- FOW = Face of wall

**FACE OF WALL MOUNTING
GUIDE DETAILS**



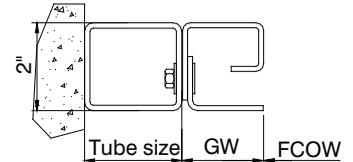
Guide depth is typically 2"
Guide width varies according to door size

**FACE OF WALL MOUNTING
VERTICAL SECTION**



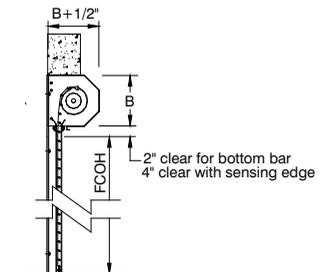
FACE OF WALL
VERTICAL SECTION

**BETWEEN JAMB MOUNTING
GUIDE DETAILS**



Guide depth is typically 2"
Guide width varies according to door size

**BETWEEN JAMB MOUNTING
VERTICAL SECTION**



BETWEEN JAMB
VERTICAL SECTION

Also see our attractive wooden shutters on our website.

Wooden™
Counter Shutter
Beautifying Your Space

Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at:
<http://www.alpinedoors.com/standard-color-selection/>

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com



HURRICANE DOOR DADE COUNTY LABEL

Label of Florida Department Of Community Affairs Redi-Storm doors with a design pressure of +60 psf & -60 psf, 1.5 Safety factor, 90+/- psf, by Alpine.



HURRICANE / FIRE DOOR LABELING



4, 3, 1 1/2 and 3/4 hour UL labeling as required. Factory Mutual approval with the hood baffle available. Smoke labeling is also available.



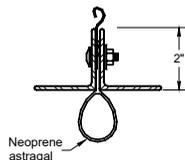
APPLICATION AND USE

Alpine's Redi-Storm®, Fire-Storm® and FEMA-Tite™ doors are highly used throughout the Florida coastline where there is a high level of storms and gusty wind conditions specifically during the months of August, September and October.

- Alpine's hurricane and FEMA doors are designed for high durability. No matter how large or small the job or how unusual the application, Alpine has a hurricane door that meets your individual specifications.
- Doors are available in different materials including galvanized, prime painted, stainless steel, and aluminum.
- FEMA-Tite™ is certified to strict ICC 2014-500/FEMA P-361 wind-load requirements. Designed to withstand high winds, hurricanes, tornadoes, and flying debris. Ideal for safe rooms.
- Alpine's quality and workmanship are proven throughout the door industry.
- Our hands-on approach to every job ensures customer satisfaction.
- Alpine's hurricane doors are effective, strong and come in flat interlocking slat designs.
- Alpine's rolling steel doors are durable, sturdy and economical to install and maintain.

TESTING METHOD

Redi-Storm (20', 16' and 12') were all tested in accordance with ANSI/ASTM E320-2; ANSI/ASTM E1886-005; Miami-Dade County Protocols PA-201, PA-202, and PA-203. FEMA-Tite™ is tested & certified to ICC 500-2014/FEMA P-361.



For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

DOOR CONSTRUCTION

CURTAIN

Redi-Storm™/Fire-Storm™: Interlocking, roll-formed, 2 3/4" galvanized steel flat slats. G90 coating exterior, G60 coating interior, structural quality grade D, (ASTM A-653/A-653-M) in 22 gauge. Optional gauges in 20 and 18.

FEMA-Tite: Interlocking, roll-formed 3" galvanized or stainless steel dual walled flat slats, 1" thick, Structural Quality Grade D, as per ASTM-A653/A653-M with Polystyrene or CFC-Free Foamed-in-Place Polyurethane insulation providing an R-value of 9.00 (U-Factor of 0.111) that provides protection against air infiltration and life-threatening weather conditions.
Front/Back Gauge Combinations: Galvanized Steel (16/16) or Stainless Steel.

Finish options: baked enamel or powder coated.

GALVANIZED ENDLOCKS

Hot dipped galvanized cast iron endlocks and windlocks riveted to the ends of every slat, with (4) four, 1/4" rivets which prevents lateral movement and limits slat deflection of the curtain.

BOTTOM BAR

Two roll-formed galvanized steel angles, as per ASTM A-653/A-653-M, minimum of 2" x 2" x 1/8", equipped with vinyl weatherstripping which extends into the guides.

GUIDES

Guides are designed to meet Florida Department Of Community Affairs specifications using structural steel angles, (ASTM A36) with a minimum thickness of 3/16", and a minimum 1/4" slotted connections with removable bellmouth curtain stops to allow for curtain maintenance without removal of the guides. Standard vinyl weather seals.

COUNTERBALANCE ASSEMBLY

Steel pipe barrel of a size capable of carrying a curtain load with a maximum deflection of 0.03" per ft. of door width. Heat treated springs encased in a steel pipe and designed to include an overload factor of 25% to ensure minimum effort to operate. A sealed and prelubricated ball bearing is present at the rotating support point. (A torsion spring charge wheel is used for applying spring torque and for future adjustments). Stainless steel or hot dipped galvanized pipe assemblies are available.

Option: high cycle springs can be designed to satisfy up to 400,000 life cycles.

PIPE SHAFT

A solid shaft with a minimum thickness 1-1/4" for 4" pipe, 1-1/2" for 6" pipe and 1-3/4" for 8" pipe. - (1018 cold rolled round.)

BRACKETS

Steel plate not less than 1/4" thick with ball bearings at rotating support points. When bolted to the wall the mounting angle supports the counterbalance assembly and forms an end enclosure.
Option: stop lock bearing which prevents the door from free falling in the event of a drive operation failure.

HOOD Hexagon (Option: Square or Round)

#24 ga. galvanized steel is formed to fit the contour of the end brackets.
Finish options: phosphate, baked enamel or powder coated.

FASCIA (OPTIONAL)

Useful where the area behind the hood is open. Especially applicable with pre-engineered buildings. Material to match hood.

OPERATION

Available in push-up, hand chain, hand-crank, or motor operation. For other optional features see the motor operators section in this catalog.

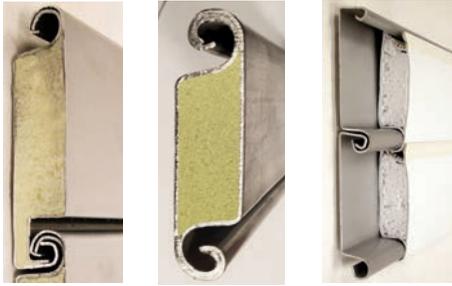
FINISH

Slats are prepared with a minimum galvanizing of G-90 (exterior). The hoods are galvanized and other exposed ferrous surfaces are prime painted or powder coated.



2 3/4" Flat Slat with Endlocks is Standard

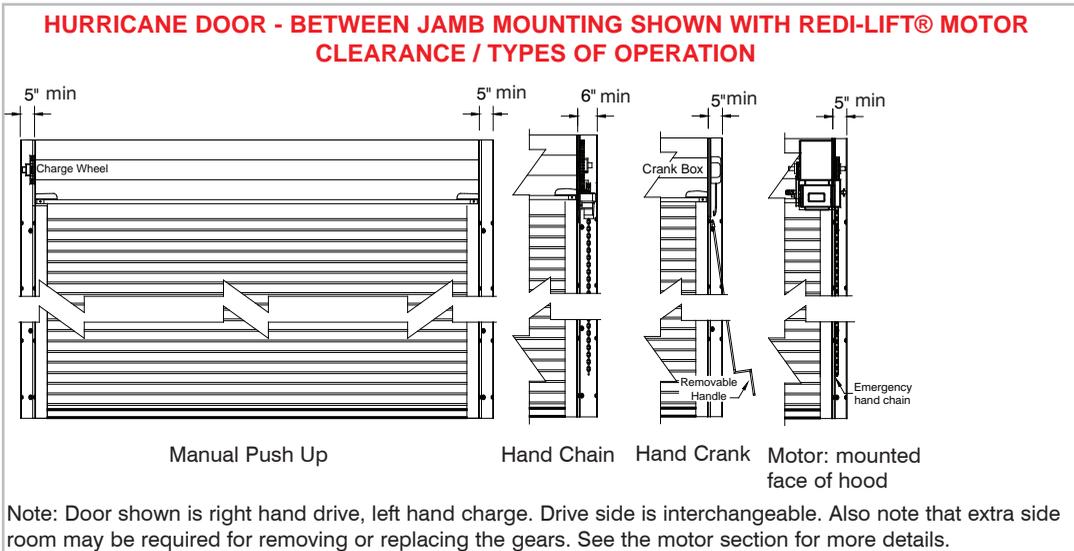
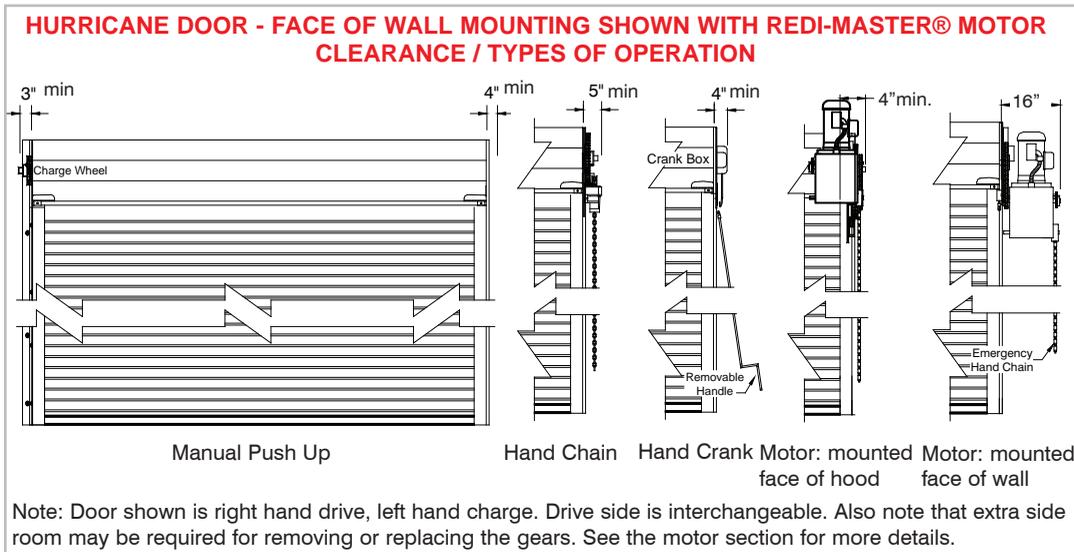
OPTIONAL Slats Available:



IMB-V7 IMB-V9 Insul-Sound

Florida Building Code Approvals

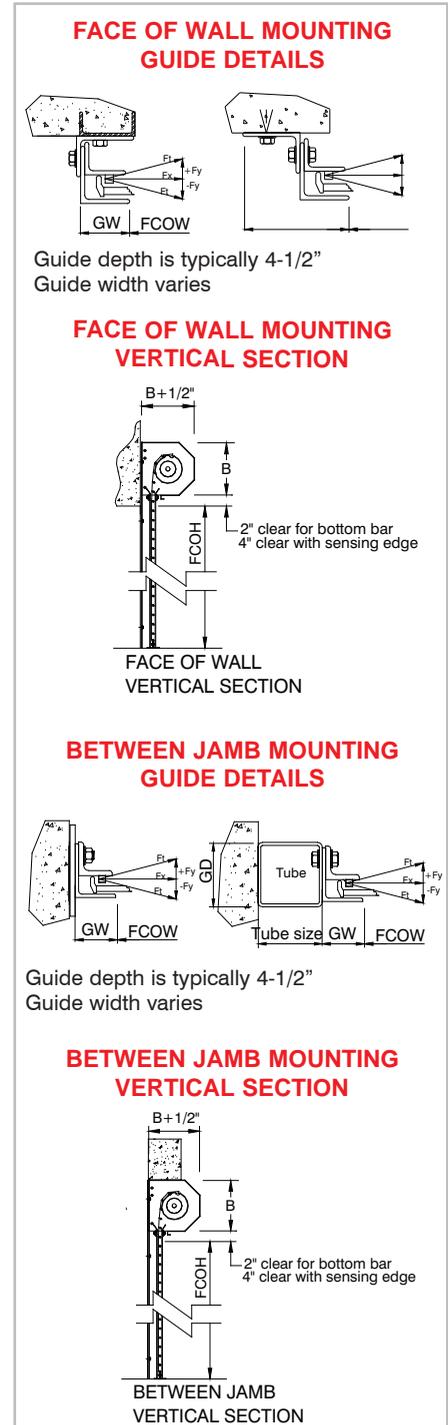
37'x30' high @ 30+/30- psf
24'6"x30' high @ 60+/60- psf
FBC Redi-Storm 20' - U.L.
Redi-Storm 16' - U.L / Miami-Dade County
Redi-Storm 12' - U.L.
FBC Redi-Storm Doors +/- 60psf



Legend

FCOH = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

FCOW = Frame clear opening width
GW = Guide width
FOW = Face of wall



For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com



DOOR CONSTRUCTION

CURTAINS

Are made of interlocking, 22 gauge, 4" galvanized steel slats. (G-60 - interior, G-90 - exterior.)

SPRINGS COUNTERBALANCE

Consist of a flat blue steel spring wrapped around a 2" pipe shaft and mounted into a spring box. Hot rolled A36. Life cycle available in 5M, 7.5M, 10M. Either 8" box drum or a 9" box drum.



BRACKETS

Standard stamped brackets consisting of 14 gauge steel. Round, square or hex shape.

HOODS - GALVANIZED

Hoods are made from 22 gauge galvanized steel.

Finish options: prepainted grey primer or any powder coated color upon request.

LOCKING DEVICES

Included with a hasp-pin type lock. Optional slide locks.



Slide Lock

GUIDES

Guides are roll formed consisting of 14 gauge steel and are grey primed.

OPERATION

The maximum size for manual push-up operations on steel doors is 120 square feet (not to exceed 12' wide) Maximum size door is 14' wide x 12' high. Motor operator is optional. U.L. Classified for 115V, 60 Hz. See Redi-Central motor for more information. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS

Optional control stations are available as push button control station or key control stations. Special control stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

FINISHES (Optional)

Exo-Shield™: The powder coat finish is available for all of Alpine's products and are available in over 188 standard colors with the option for custom colors and environmental requirements. *Please See Alpine's Color Selection Page (www.alpinedoors.com/colors_standard.htm)*

APPLICATION AND USE

Alpine's box spring doors are very practical for use in loading docks and freight entrance openings, warehouse doors, power plants and water treatment facilities, industrial and commercial side and rear entrances, storage containers, and window protection.

- Alpine's box spring economy doors are designed for easy operation and are trouble free with minimal maintenance required.
- Alpine doors have been proven for use on thousands of installations for commercial locations.
- Alpine storefront doors add additional strength to curtain assemblies. They have heavier pounds per square foot for higher windloads with windlocks.
- They have a tighter corrugated slat for more protection.
- All operators can be adapted to specific conditions.
- Slide lock or pin locking mechanisms can be provided depending on the type of door operation.
- Alpine rolling steel doors are durable, sturdy and economical to install and maintain.

Opening preparation, miscellaneous or structural metal work, access doors, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

OPTIONAL Slats and Grilles Available:



4" Curved Slat is Standard



4" Curved Slat Perforated



3" Curved Slat



Brick Pattern

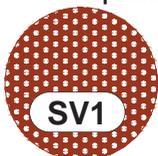


Straight Pattern

Standard 9" Spacing, Optional: 3", 4.5" or 6"

Alpine will design a Dawn Grille door to suit your needs. Please refer to the catalog section for grille doors to see more details on the grille options.

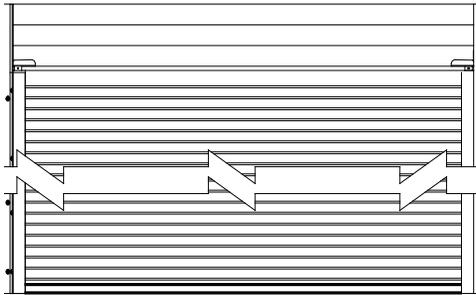
Perforated slats standard design is SV1. Optional designs are SV2 and SV3.



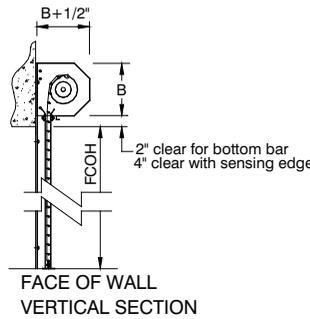
Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at: <http://www.alpinedoors.com/standard-color-selection/>

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

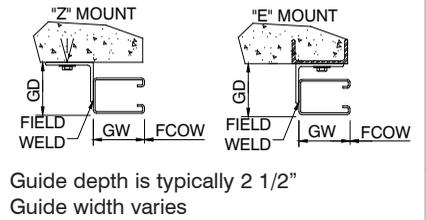
**STOREFRONT DOOR - FACE OF WALL MOUNTING
CLEARANCE / TYPES OF OPERATION**



**FACE OF WALL MOUNTING
VERTICAL SECTION**

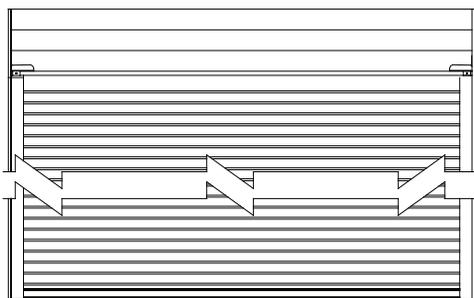


**FACE OF WALL MOUNTING
GUIDE DETAILS**

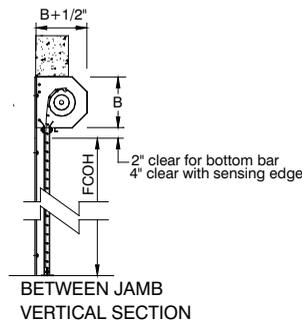


Note: Motor is internal and clearance for the motor is the same clearance needed for the push-up operation.

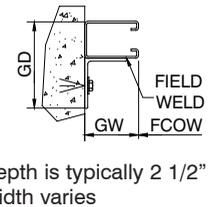
**STOREFRONT DOOR- BETWEEN JAMB MOUNTING
CLEARANCE / TYPES OF OPERATION**



**BETWEEN JAMB MOUNTING
VERTICAL SECTION**



**BETWEEN JAMB MOUNTING
GUIDE DETAILS**



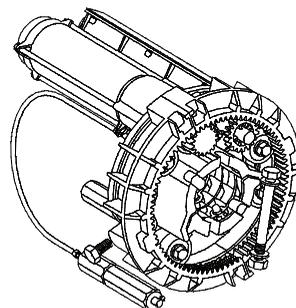
Note: Motor is internal and clearance for the motor is the same clearance needed for the push-up operation.

Legend

FCOH = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

FCOW = Frame clear opening width
GW = Guide width
FCOW = Face of wall

STOREFRONT DOOR- REDI-CENTRAL® OPERATOR DETAILS AND OPTIONS



The Redi-Central box spring motor is designed to be used with Alpine's DAWN 4" DOOR. Used on storefronts, warehouse entrance doors, indoor/ outdoor flea markets and many other applications.

Redi-Central offers the convenience of motor operation with our DAWN 4" DOOR for an economical security door.

FEATURES AND CHARACTERISTICS:

- 115V, 60 Hz, single phase
- U.L. recognized
- Thermal protection
- Maximum continuous running time: 5 minutes
- Light duty cycle (6 cycles/hr)
- 2 3/8" fixed central shaft, adapters for smaller diameters
- Limit switch capacity of 11 revolutions

Model	Torque (in lbs)	Speed (rpm)	Lifting capacity	Power usage		Options
				(watts)	(Amps)	
MC 7 102	300	12	220	300	3.0	with brake
MC 7 202	300	12	220	300	3.0	manual release
MCM 7 302	300	12	220	300	3.0	without brake
MC 14 102	700	12	450	580	5.0	with brake
MC 14 202	700	12	450	580	5.0	manual release
MCM14 302	700	12	450	580	5.0	without brake

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com



FIRE DOOR LABELING

4, 3, 1 1/2 and 3/4 hour UL labeling as required. Factory Mutual approval with the hood baffle available. Smoke labeling is also available.



APPLICATION AND USE

Alpine's Fire-Tite® Doors are ideal for and are commonly used in industrial facilities, educational facilities, healthcare facilities, and hospitals.

Made to Your Specs with Many Options Including:

**Conventional • Auto Reset • Insulated • Smoke Sealed • Wind Resistant
Multiple Operators and Release Devices Available**

These doors provide access control and security protection under normal use and will close automatically in the event of a fire, serving as a fire wall to contain the spread of a fire.

- Conventional design offers a push-up operation product, where Auto Fire-Tite® products do not offer the push-up operation.
- The lowest upfront cost available.
- **The opening preparation and the installation of the fire door shall be performed in strict compliance with NFPA-80.*
- Alpine's Fire-Tite® doors ensure security and fire protection and are listed and/or classified by:
 - Underwriter's Laboratories, Inc., (U.L.),
 - Underwriter's Laboratories of Canada, Inc. (U.L.C.),
 - Factory Mutual (F.M.) *Flame Drop Baffle Required*
 - MEA# 418-91-M
- Alpine builds trust by providing our products with a 1-year warranty on material and workmanship. We also offer an optional five-year pro-rated warranty. Please call factory for more information on our pro-rated warranties.

DOOR CONSTRUCTION

CURTAIN

Curtains shall be constructed of interlocking, roll-formed galvanized steel 3" curved slats, G90 coated exterior, (G60 interior), structural quality grade C, as per ASTM A 653/A 653 M. Curtain is assembled with metal endlocks utilizing solid steel rivets for increased wearability and slat alignment. Available in 24, 22, 20, 18, 16 and 14 gauge material.

Standard finish: galvanized

Optional slats available: 2 3/4" flat slat or 4" curved slat,

Optional finish & material: prime painted or stainless steel

BOTTOM BAR

Bottom bar consists of two roll-formed steel angles measuring a minimum of 2"x 2"x 1/8". designed to reinforce the bottom of the curtain.

Standard finish: galvanized

Optional finish & material: prime painted or stainless steel

BRACKETS

Made from a steel plate 1/4" thick. Ball bearing at rotating support points. Bolted to wall mounting angles with 1/2" fasteners. Plate supports counterbalance assembly and forms an end enclosure. Supplied on outside of bracket plates are isolating governing mechanisms to control closing of door in the event of a fire or drop test.

Standard finish: Exo-Shield powder coat prime grey

Optional finish and material: galvanized or stainless steel

HOOD HEXAGON (Square or Round OPTIONAL)

Manufactured from #24 gauge galvanized steel and formed to fit the contour of the brackets. Intermediate supports are used on oversized doors as required to prevent excessive sag.

Standard finish: galvanized

Optional finish & material: prime painted or stainless steel

GUIDES

Guides are designed using structural steel angles with a minimum thickness of 3/16", expansion slotted connections, and removable bellmount curtain stops to allow for curtain maintenance without removal of the guides. Bellmount stops shall be flush with the guide groove.

Standard finish: Exo-Shield powder coat prime grey

Optional finish & material: galvanized or stainless steel

COUNTERBALANCE ASSEMBLY

The steel pipe barrel is a size capable of carrying a curtain load with a max. deflection of 0.03" per foot opening width. The helical torsion spring is encased in a barrel designed to require minimum effort to operate the rolling curtain and bottom bar. A torsion spring charge wheel is used for applying spring torque and for future adjustments and starter mechanism for activating spring tension release for automatic closing in the event of a fire or drop test.

Standard finish: black rust-inhibitor primer

Optional finish & finish: hot dipped galvanized or stainless steel.

LOCKING

Option: 1. Can be equipped with slide locks for latching and locking the door on the coil side of the bottom bar. Option: 2. Slide/cylinder lock combo, key operable on one side only. Electric Interlocks are required for motorized doors.



Slide Lock



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at:

<http://www.alpinedoors.com/standard-color-selection/>

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

OPTIONAL Slats Available:



3" Curved slat with endlocks is Standard



2 3/4" Flat slat with endlocks



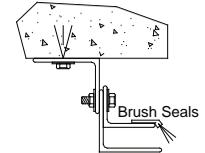
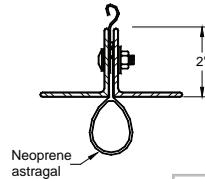
4" Curved slat with endlocks



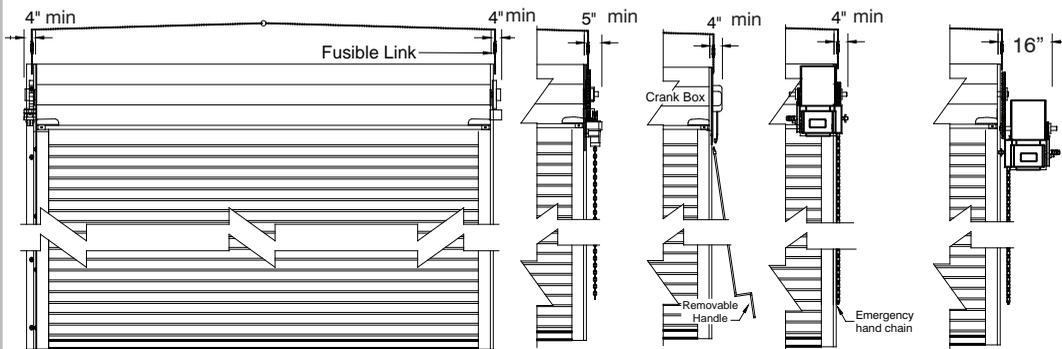
Insulated IMB-V7 Slats have standard fiberglass insulation for fire doors.

OPTIONAL SMOKE SEALS

Smoke seals added to the guides and header with a rubber astragal on the bottom bar give added protection against smoke. For additional information about our UL smoke rated door please consult our factory or see our Fire-Tite Smoke rated assemblies online at www.alpinedoors.com. UL Classified and are listed under the UL Product Category: **Leakage-Rated Door Assemblies - OPBW.**



CONVENTIONAL FIRE DOOR - FACE OF WALL MOUNTING CLEARANCE / TYPES OF OPERATION



Manual Push Up

Hand Chain

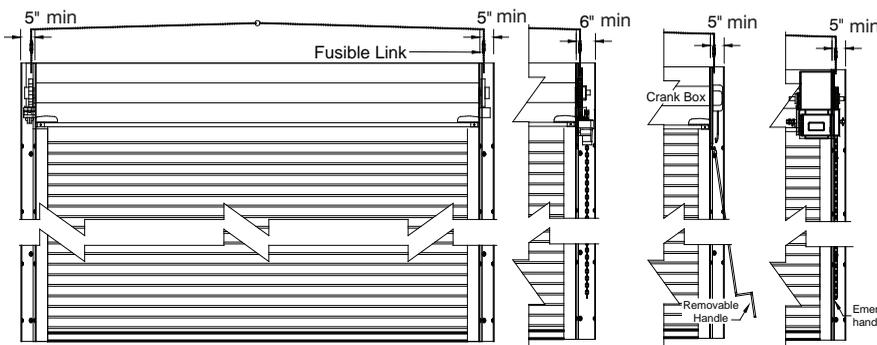
Hand Crank

Motor: mounted face of hood

Motor: mounted face of wall

Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears.

CONVENTIONAL FIRE DOOR - BETWEEN JAMB MOUNTING CLEARANCE / TYPES OF OPERATION



Manual Push Up

Hand Chain

Hand Crank

Motor: mounted face of hood

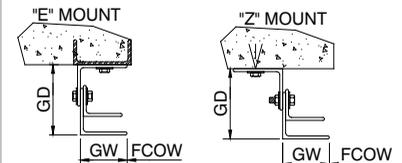
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears.

Legend

FCOH = Frame clear opening height
 B = Bracket (endplate)
 GD = Guide depth
 BJ = Between jamb

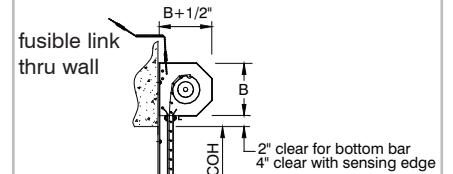
FCOW = Frame clear opening width
 GW = Guide width
 FOW = Face of wall

FACE OF WALL MOUNTING GUIDE DETAILS



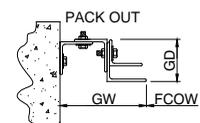
Guide depth is typically 4-1/2"
 Guide width is typically 3"

FACE OF WALL MOUNTING VERTICAL SECTION



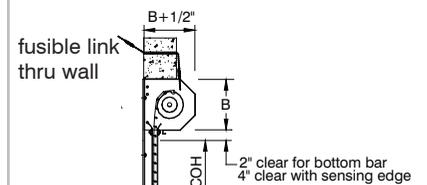
FACE OF WALL VERTICAL SECTION

BETWEEN JAMB MOUNTING GUIDE DETAILS



Guide depth is typically 4-1/2"
 Guide width varies

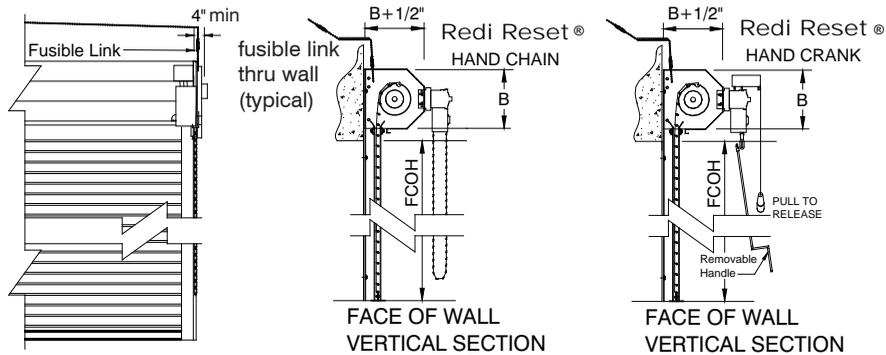
BETWEEN JAMB MOUNTING VERTICAL SECTION



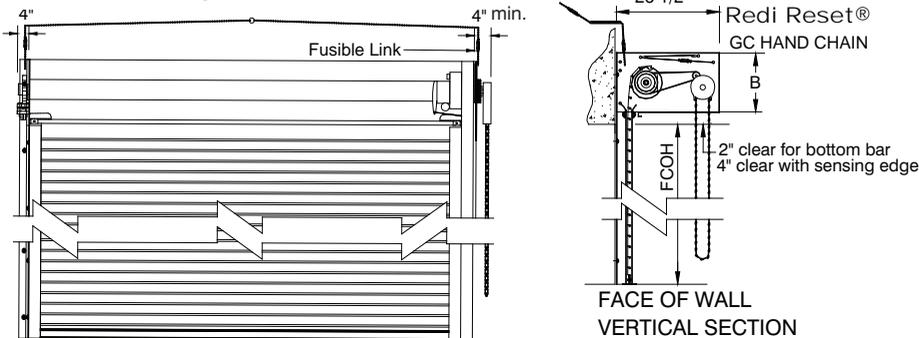
BETWEEN JAMB VERTICAL SECTION

**AUTOMATIC FIRE DOOR - FACE OF WALL MOUNTING
 CLEARANCE / TYPES OF OPERATION**

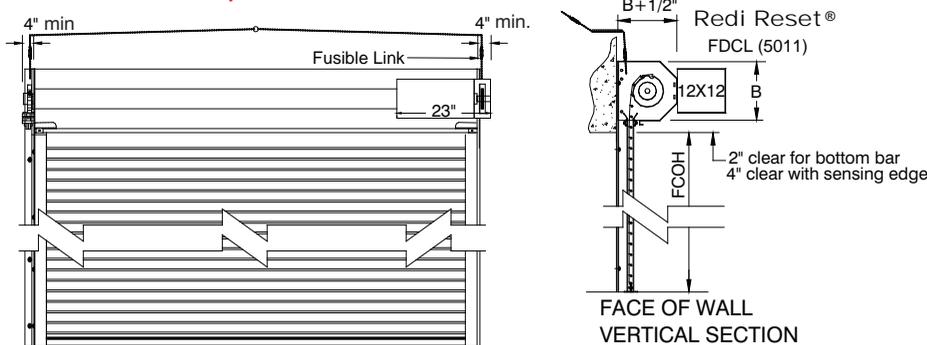
Redi-Reset® MC and Redi-Reset® MK Operators



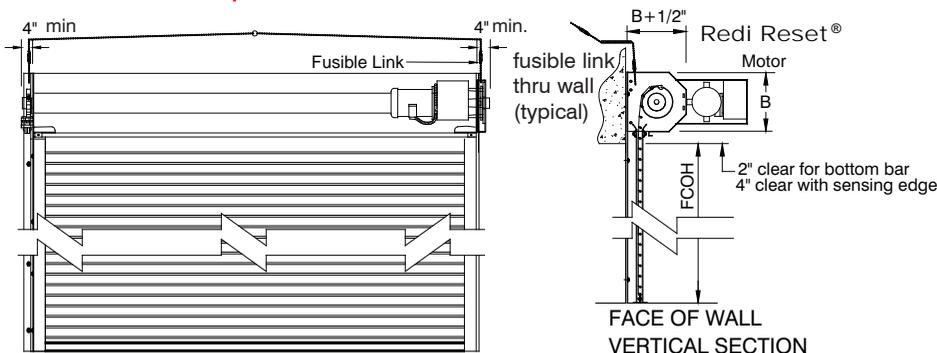
Redi-Reset® GC Operator



Redi-Reset® FDCL Operator



Redi-Reset® FS/FX Operator



Redi-Reset® Operators:

- Redi-Reset® FS
- Redi-Reset® MC & MK
- Redi-Reset® GC
- Redi-Reset® NF
- Redi-Reset® FDCL
- Redi-Central®

For motor operator details, please see page 30 or visit our website.

Redi-Release Devices

AFCB - electro-mechanical operators for motorized doors.

XP - fail-safe mechanism for non-motorized doors

XPBB - for non-motorized doors, with battery backup option

For release device details and door accessories please see page 29 or visit our website.

Note: All doors shown right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears.



FIRE SHUTTER LABELING

Alpines counter fire door products have been UL classified and listed under the UL Product Category: Fire Shut Integral Frame Counter-Shutter Fire Door - GSVV. Ratings: 1-1/2 HR, 3/4 HR.

Sizes: Face Mounted - 5' Wide x 5' High, Up to 51 sq ft.

Between Jamb - 10' 10" Wide x 6' 4" High, Up to 86 sq ft.

Alpines Fire-Shut door products also carry a 3 HR, 1-1/2 HR or 3/4 HR fire rating under UL File GSNV.



APPLICATION AND USE

Alpine's fire shutters are ideal for use in school cafeterias, office windows, healthcare facilities, hospitals and airport concession displays where fire protection is needed.

Alpine's fire shutters ensure security and fire protection and are listed and/or classified by:

- Underwriter's Laboratories, Inc., (U.L.)
- Underwriter's Laboratories of Canada, Inc. (U.L.C.)
- Factory Mutual (F.M.) *Flame Drop Baffle Required*
- Made-to-order manufacturing process. Alpine builds your product to the exact size specified by you.
- All of our products are constructed to have a rigid and compact design which provides for a more structural grade product while reducing overhead space and obstruction.
- Alpine builds trust by providing our products with a warranty on material and workmanship. As we also offer an optional five-year pro-rated warranty. Please call factory for more information on our pro-rated warranties.
- We are an ISO 9001 registered firm which ensures you that our products are built with true quality you can count on.
- These doors provide access control and security protection under normal use and will close automatically in the event of a fire, serving as a fire wall to contain the spread of a fire.

DOOR CONSTRUCTION

CURTAIN

The curtain consists of interlocked, roll-formed 11/4" baby flat slats, 1/2" deep, made of 22 gauge galvanized steel, G90 coating exterior, G60 coating interior, structural quality grade C, as per ASTM A653/A653-M.

Finish option: galvanized, baked enamel or powder coated.

GUIDES

Steel guides are Laser cut 12 gauge steel, frame encased and fitted with removable bellmount curtain stops, to allow for curtain maintenance without removal of the guides. Bellmount stops shall be flush with the guide groove.

COUNTERBALANCE ASSEMBLY

The steel pipe barrel is a size capable of carrying a curtain load with a max. deflection of 0.03" per foot opening width. The helical torsion spring is encased in a barrel designed to require minimum effort to operate the rolling curtain and bottom bar. A torsion spring charge wheel is used for applying spring torque and for future adjustments.

Option: stainless steel or hot-dipped galvanized.

OPERATION

Available in push-up, hand crank, or motor operation. For optional features see the motor operators section in this catalog. Automatic closure is activated by a fusible link, fire door release device. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS

Optional control stations are available as push button control station or key control stations. Special control stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

LOCKING

Standard slide locks for latching and locking the door on the coil side of the bottom bar. Electric Interlocks recommended with motorized doors



Slide Lock

FINISHES (OPTIONAL)

Phosphate treated and finished with a baked enamel paint. Alpine Doors offers 186 durable powder coating colors. Stainless steel, #4 finish. All other exposed ferrous surfaces are prime painted.

Exo-Shield™: The powder coat finish is available for all of Alpine's products and are available in over 188 standard colors with the option for custom colors and environmental requirements. *Please See Alpine's Color Selection Page (www.alpinedoors.com/colors_standard.htm)*

Hot-dip galvanizing: galvanizing is available for steel components.

Stainless steel: available in 300 series with options of mill finish, #2B, or #4 satin finish.



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at:

<http://www.alpinedoors.com/standard-color-selection/>



1 1/4" Flat Slat is Standard



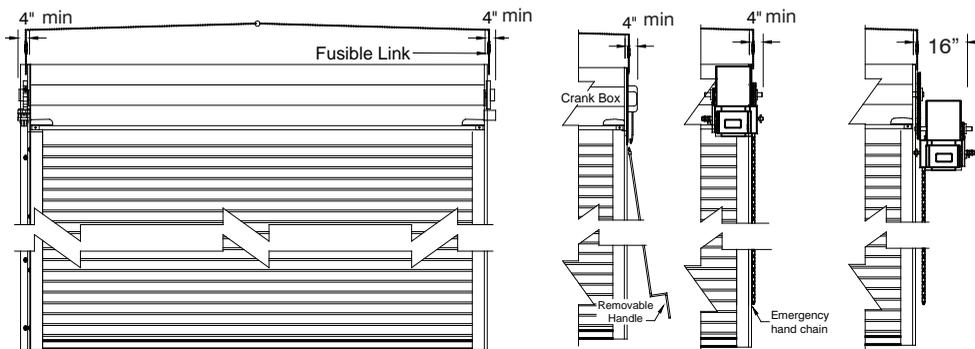
2" Curved Slat is Optional

OPTIONAL SMOKE SEALS

Smoke seals added to the guides and header with a rubber astragal on the bottom bar give added protection against smoke. For additional information about our UL smoke rated door please consult our factory or see our Fire-Tite smoke rated assemblies online at www.alpinedoors.com. UL Classified and are listed under the UL Product Category: **Leakage-Rated Door Assemblies - OPBW.**



CONVENTIONAL FIRE SHUTTER - FACE OF WALL MOUNTING CLEARANCE / TYPES OF OPERATION

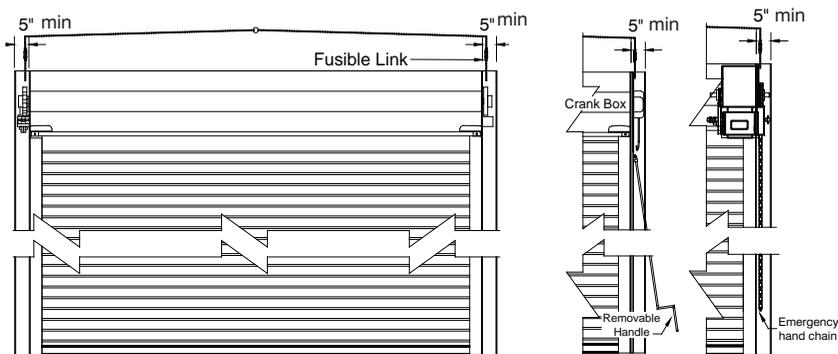


Manual Push Up

Hand Crank Motor: mounted face of hood Motor: mounted face of wall

Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears.

CONVENTIONAL FIRE SHUTTER - BETWEEN JAMB MOUNTING CLEARANCE / TYPES OF OPERATION



Manual Push Up

Hand Crank Motor: mounted face of hood

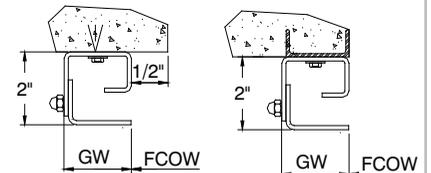
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears.

Legend

FCOH = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

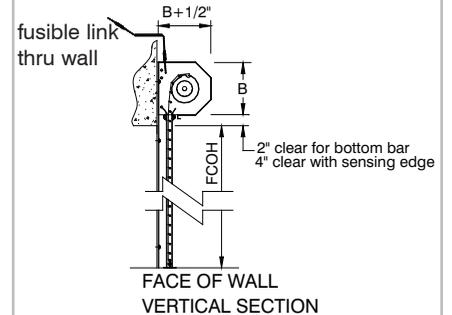
FCOW = Frame clear opening width
GW = Guide width
FOW = Face of wall

FACE OF WALL MOUNTING GUIDE DETAILS

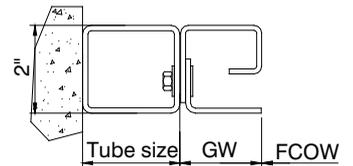


Guide depth is typically 2"
Guide width varies according to door size

FACE OF WALL MOUNTING VERTICAL SECTION

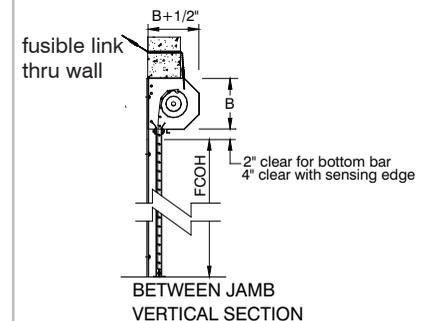


BETWEEN JAMB MOUNTING GUIDE DETAILS



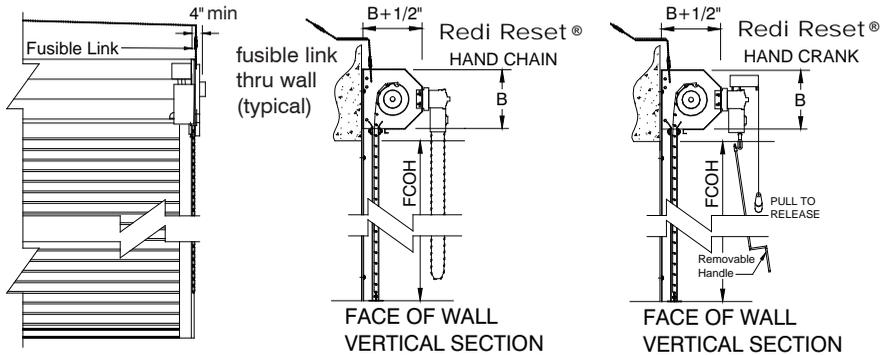
Guide depth is typically 2"
Guide width varies according to door size

BETWEEN JAMB MOUNTING VERTICAL SECTION

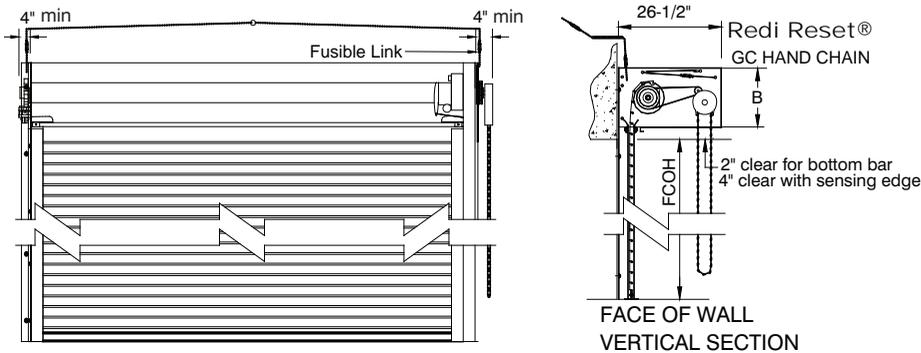


**AUTOMATIC FIRE SHUTTER - FACE OF WALL MOUNTING
CLEARANCE / TYPES OF OPERATION**

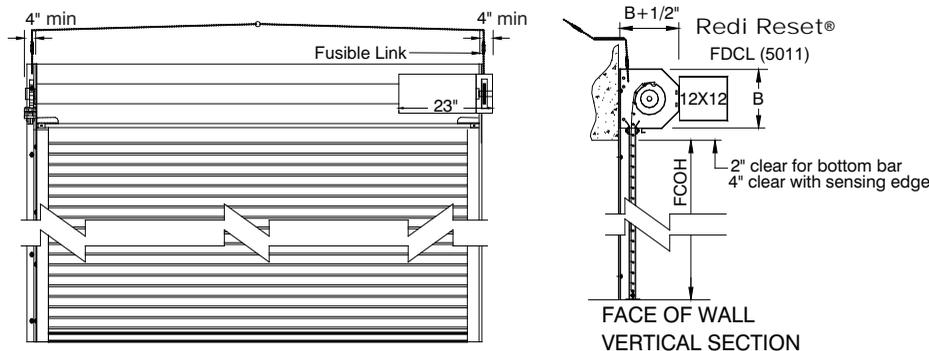
Redi-Reset® MC and Redi-Reset® MK Operators



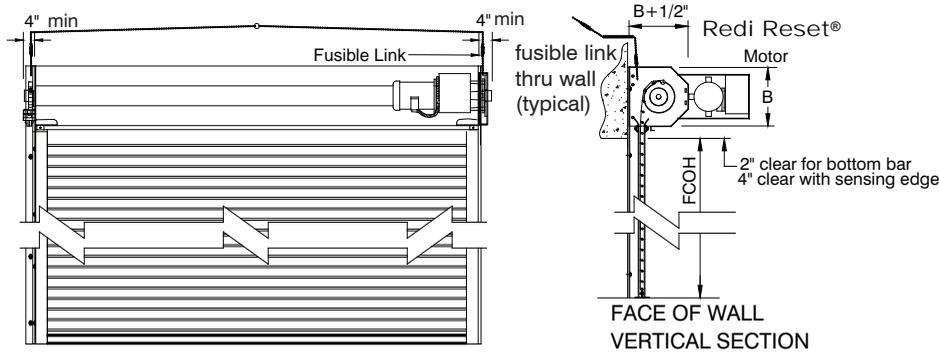
Redi-Reset® GC Operator



Redi-Reset® FDCL Operator



Redi-Reset® FS/FX Operator



Redi-Reset® Operators:

- Redi-Reset® FS
- Redi-Reset® MC & MK
- Redi-Reset® GC
- Redi-Reset® NF
- Redi-Reset® FDCL
- Redi-Central®

For motor operator details, please see page 30 or visit our website.

Redi-Release Devices

AFCB - electro-mechanical operators for motorized doors.

XP - fail-safe mechanism for non-motorized doors

XPBB - for non-motorized doors, with battery backup option

For release device details and door accessories please see page 29 or visit our website.

Note: All doors shown right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears.



DOOR CONSTRUCTION

CURTAIN/GRILLE ASSEMBLY

Mall-Dawn (Heavier Duty Grille): Horizontal 5/16" solid galvanized wire with Anodized Aluminum tube spacers (Option: stainless steel). Vertical spacing: Aluminum or Stainless Steel vertical links 2" on center. Continuous end links with lock washers to prevent curtain from leaving guides.

Mall-Dawn X: Solid aluminum 5/16" rods w/no sleeves, or galvanized rods. Vertical Spacing: Aluminum or Stainless Steel vertical links 2" on center. Continuous end links with lock washers to prevent curtain from leaving guides.

BOTTOM BAR

2" x 3 1/2" extruded aluminum tubular section (size dependent on dimensions per manufacturer's standard).

BRACKET PLATES

Steel plate not less than 1/4" thick. Drive end bracket plate is fitted with a sealed ball bearing. Bracket plates support the counterbalance assembly and form an end enclosure.

GUIDES

Guides are made of extruded aluminum sections with wood pile runners. Provided with removable bellmouth curtain stops to allow for curtain maintenance without removal of the guides. Bellmouth stops shall be flush with the guide groove.

COUNTERBALANCE ASSEMBLY: TORSION SPRING

Are housed in a steel pipe of a diameter and a wall thickness that will restrict maximum deflection to 0.03" per foot of door width. Springs are a helical torsion type designed to include an overload factor of 25% for optimum ease of operation. The springs are grease packed and mounted on a cold rolled steel inner shaft. Spring tension is adjustable from the outside of the end bracket plate. Sealed ball bearings are present to minimize wear on the pipe shaft as it rotates around the inner shaft.

OPTIONAL HOOD GALVANIZED (OPTION: Square, Hexagon or Round)

Made from #24 ga. steel formed to fit the contour of the brackets. 3/8" thick intermediate supports are provided to prevent excessive sag. (Finish Options: phosphate, baked enamel or powder coated)

OPERATION

Choice of push-up, lift handles on the bottom bar, removable awning type crank, or motor operation. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS

Optional control stations are available as push button control station or key control stations. Special control stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

LOCKING

Optional cylinder locks.

APPLICATION AND USE

Alpine's grille doors are ideal for use in malls where vendors can advertise their products when the store is closed while consumers can visually see their products on display. Also used for storefronts, display cases, ventilation areas and to protect glass window openings and service window openings.

- Alpine's grille doors are very durable and require very low maintenance for many years of continued operational use.
- No matter how large or small the job or how unusual the application, Alpine has a service door that meets your individual specifications.
- Doors are available in different materials including galvanized, prime painted, stainless steel, and aluminum.
- Alpine's quality and workmanship are proven throughout the door industry.
- Our hands-on approach to every job ensures customer satisfaction.
- Alpine security grille doors are designed for easy operation and are trouble free with minimal maintenance.
- The alpine grille offers security and protection as well as the ability to visually observe what is behind the door when fully closed.

GRILLE STYLE OPTIONS



Brick Pattern



Straight Pattern

Standard 9" Spacing, Optional 3" or 6"



Continuous Link Pattern



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at: <http://www.alpinedoors.com/standard-color-selection/>

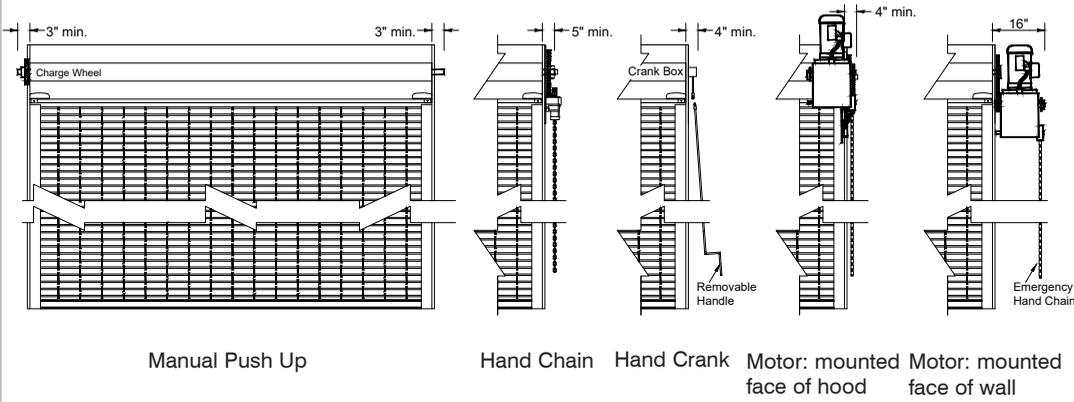


Optional Emergency egress modification available:

This optional emergency egress modification has flush handle panic release. It provides a public means for manual operation of a storefront grille.

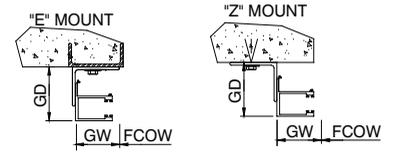
For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

GRILLE DOOR - FACE OF WALL MOUNTING SHOWN WITH REDI-MASTER® MOTOR CLEARANCE / TYPES OF OPERATION



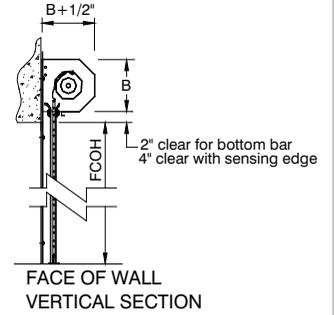
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

FACE OF WALL MOUNTING GUIDE DETAILS

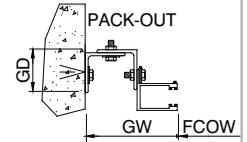


Guide depth is typically 4-1/2"
Guide width is typically 3"

FACE OF WALL MOUNTING VERTICAL SECTION

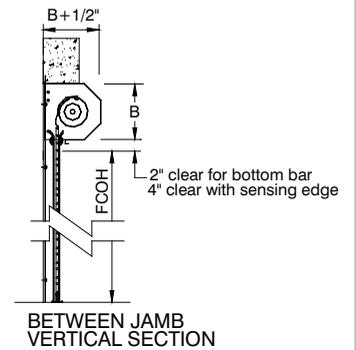


BETWEEN JAMB MOUNTING GUIDE DETAILS

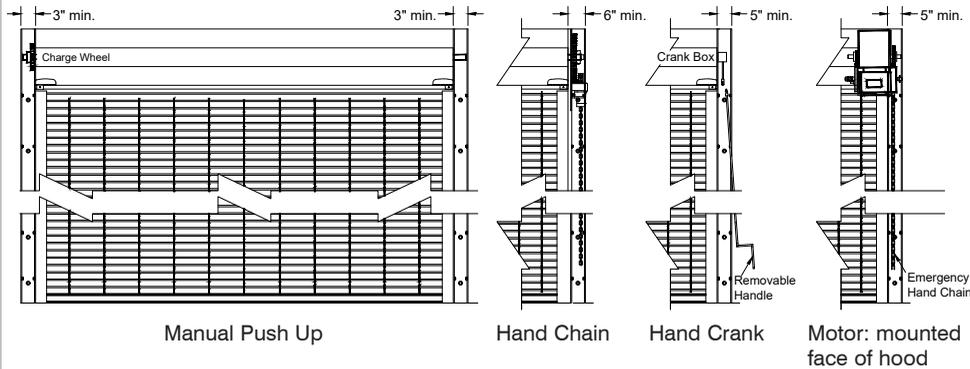


Guide depth is typically 4-1/2"
Guide width varies

BETWEEN JAMB MOUNTING VERTICAL SECTION



GRILLE DOOR - BETWEEN JAMB MOUNTING SHOWN WITH RED-LIFT® MOTOR CLEARANCE / TYPES OF OPERATION



Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

Legend

FCOW = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

FCOW = Frame clear opening width
GW = Guide width
FOW = Face of wall

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

DOOR CONSTRUCTION



APPLICATION AND USE

The Industrial Grille is ideal for parking garages, commercial or industrial facilities.

- Alpine's Rolling 9" Industrial-Grille doors are designed for easy operation and long life use with minimum maintenance required.
- No matter how large or small the job or how unusual the application, Alpine has a service door that meets your individual specifications. Doors are available in different materials including galvanized, prime painted, stainless steel, and aluminum.
- Alpine's quality and workmanship are proven throughout the door industry.
- Our hands-on approach to every job ensures customer satisfaction.
- Alpine's security grille doors are designed for easy operation and are trouble free with minimal maintenance.
- The alpine grille offers security and protection as well as the ability to visually observe what is behind the door when fully closed.

GRILLE STYLE OPTIONS



Brick Pattern



Straight Pattern

Standard 9" Spacing, Optional: 3", 4.5" or 6"



Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at:

<http://www.alpinedoors.com/standard-color-selection/>

CURTAIN

Curtain grille construction consists of the Alpine straight pattern 9" with aluminum vertical links and horizontal PVC sleeves. There is a choice of 4 standard colors: bronze, black, silver, or gold. Continuous solid 5/16" hot dipped galvanized horizontal rods spaced 2" o.c. are to be covered with tubular spacers. Continuous end links are made to prevent the curtain from leaving the side of the guides.

BOTTOM BAR

Two roll-formed galvanized steel angles measuring 2"x2"x1/8", designed to reinforce the bottom of the curtain. Standard galvanized steel as per ASTM A653/A653 M.
Option: stainless steel.

BRACKET PLATES

Steel plate not less than 1/4" thick. The drive end bracket plate is fitted with a sealed ball bearing. The plates are bolted to the wall mounting angle with 1/2" fasteners. The plate supports the counterbalance assembly and forms an end enclosure.

GUIDES

Guides are designed using structural steel angles with a minimum thickness of 3/16", minimum 1 1/4" slotted connections and removable bellmouth curtain stops to allow for curtain maintenance without removal of the guides. Bellmouth stops shall be flush with the guide groove.

SPRING COUNTERBALANCE (available up to a 400k lifecycle)

To be housed in a steel pipe with a diameter and wall thickness to restrict maximum deflection to 0.03" per foot of door width. Springs are of the helical torsion type which are designed to include an overload factor of 25% for optimum ease of operation. The springs are grease packed and mounted on a cold rolled steel inner shaft. Spring tension is adjustable from the outside of the end bracket plate. Sealed ball bearings prevent wear on the pipe shaft.

HOOD Hexagon (OPTION: Square or Round)

Produced in #24 guage steel and formed to fit the contour of the brackets with intermediate supports used as needed to prevent excessive sag.

OPERATION

Push-up, hand chain, hand-crank, or motor operation available. For optional features see the motor operators section in this catalog. *Please See Alpine's Motor Operator Page (www.alpinedoors.com/motoroperators.htm)*

ACCESS CONTROLS

Optional control stations are available as push button control station or key control stations. Special control stations are also available, please consult factory. *Please See Alpine's Access Controls Page (www.alpinedoors.com/accesscontrols.htm)*

LOCKING

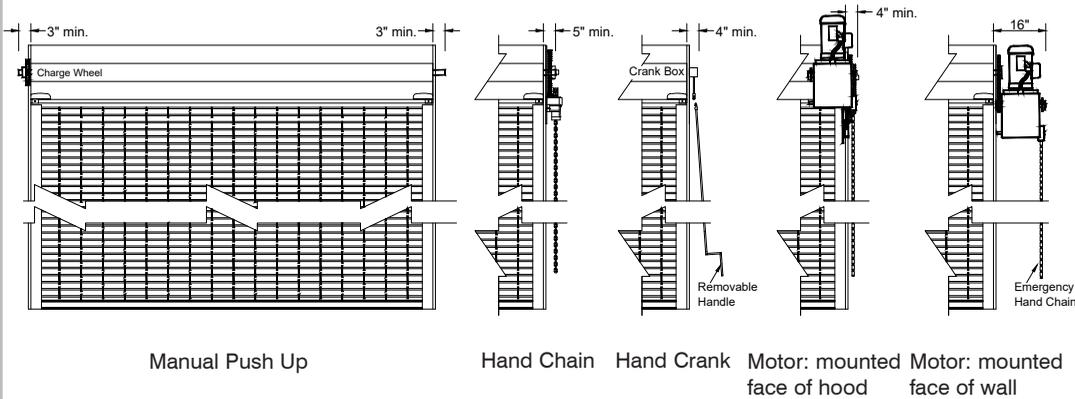
Optional slide/cylinder lock combo d. Also available with padlockable slide locks for latching and locking the door on the coil side of the bottom bar. Electric Interlocks required with motorized doors.



Slide Lock

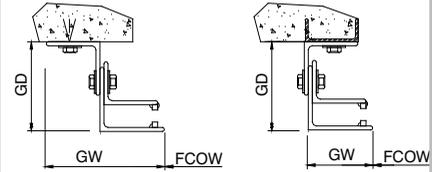
For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

**GRILLE DOOR - FACE OF WALL MOUNTING SHOWN WITH REDI-MASTER® MOTOR
CLEARANCE / TYPES OF OPERATION**



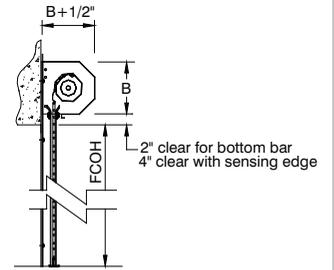
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

**FACE OF WALL MOUNTING
GUIDE DETAILS**



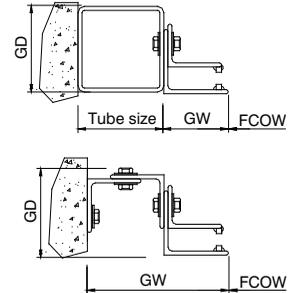
Guide depth is typically 4-1/2"
Guide width is typically 3"

**FACE OF WALL MOUNTING
VERTICAL SECTION**



FACE OF WALL
VERTICAL SECTION

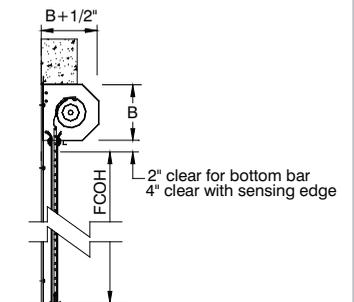
**BETWEEN JAMB MOUNTING
GUIDE DETAILS**



Industrial Grille has windbars on the guides.

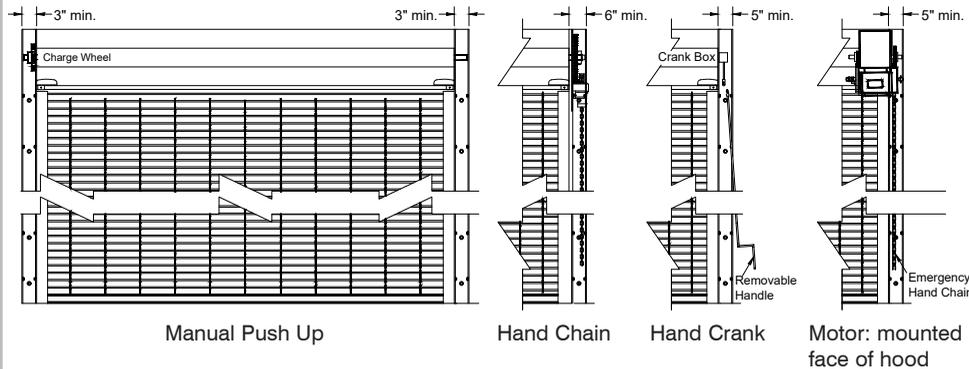
Guide depth is typically 4-1/2"
Guide width varies

**BETWEEN JAMB MOUNTING
VERTICAL SECTION**



BETWEEN JAMB
VERTICAL SECTION

**GRILLE DOOR - BETWEEN JAMB MOUNTING SHOWN WITH REDI-LIFT® MOTOR
CLEARANCE / TYPES OF OPERATION**



Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

Legend

FCOH = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

FCOW = Frame clear opening width
GW = Guide width
FOW = Face of wall

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

DOOR CONSTRUCTION



APPLICATION AND USE

Designed for easy operation and long life use with minimum maintenance required. Ideal for stores, malls and shopping centers. Also ideal for protecting glass window openings and service window openings.

- Alpine's E-Series Grille™ roll down security gate is a high quality, space saving grille door solution
- Curtains are solid 5/16" hot dipped galvanized steel rods with vertical aluminum links with option to add PVC sleeves
- Available in a variety of materials including galvanized, prime painted, stainless steel, and aluminum
- Designed for easy operation and are trouble free with minimal maintenance.
- This roll down security door offers security and protection against theft and vandalism as well as the ability to see inside when closed.

GRILLE STYLE OPTIONS



Brick Pattern
E-Series Grille:
6" with PVC horizontal sleeves



Straight Pattern
E-Series Grille X: 6" or 9"
E-Series Grille: 9"

CURTAIN

E-Series™ Grille X: Roll down security door consists of the Alpine 3", 6", or 9" straight pattern with aluminum vertical continuous links. Solid 5/16" galvanized horizontal rods spaced 2" on center w/o sleeves. Continuous end links with lock washers to prevent curtain from leaving guides.

E-Series™ Grille: Roll down security door consists of the Alpine 6" brick or 9" straight pattern with aluminum vertical links and horizontal PVC sleeves. There is a choice of 4 standard colors: bronze, black, silver, or gold. Continuous solid 5/16" hot dipped galvanized horizontal rods spaced 2" o.c. are to be covered with tubular spacers. Continuous end links are made to prevent the curtain from leaving the side of the guides. The bottom bar consists of an extruded aluminum "T" bottom bar.

BOTTOM BAR

Extruded aluminum "T".

BRACKET PLATES

The carrying pipe counterbalancing shafts are made of steel plating no less than 1/4" thick. The drive end bracket plate is fitted with a sealed ball bearing and the bracket plates are mounted to the wall mounting angles with 1/2" fasteners.

GUIDES

Produced from roll formed steel with return retainers to prevent the grille from leaving the guide rails. The mounting angles are a minimum of 2 1/2" x 2 1/2" x 3/16" angles. (Option: 3" mounting tube for up to a 20' wide door and 4" mounting tube for a door over 20'1" wide. See Mall Dawn for mounting to tube configurations.)

SPRING COUNTERBALANCE

To be housed in a steel pipe with a diameter and wall thickness to restrict maximum deflection to 0.03" per foot of door width. Hot rolled A36 material. Springs are of the helical torsion type which are designed to include an overload factor of 25% for optimum ease of operation. The springs are grease packed and mounted on a cold rolled steel inner shaft. Spring tension is adjustable from the outside of the end bracket plate. Sealed ball bearings prevent wear on the pipe shaft. Life cycles from 10M to 400M.

HOOD Hexagon (OPTION: Square or Round)

Produced in #24 ga. steel and formed to fit the contour of the brackets with 3/8" thick intermediate supports used as needed to prevent excessive sag.

OPERATION

Push-up, hand chain, hand-crank, or motor operation available. For optional features see the motor operators section in this catalog. *Please See Alpine's Motor Operator Page* (www.alpinedoors.com/motoroperators.htm)

ACCESS CONTROLS

Optional control stations are available as push button control station or key control stations. Special control stations are also available, please consult factory. *Please See Alpine's Access Controls Page* (www.alpinedoors.com/accesscontrols.htm)



Slide Lock

LOCKING

Optional cylinder locks. Also available with padlockable slide locks for latching and locking the door on the coil side of the bottom bar. Electric Interlocks required with motorized doors.

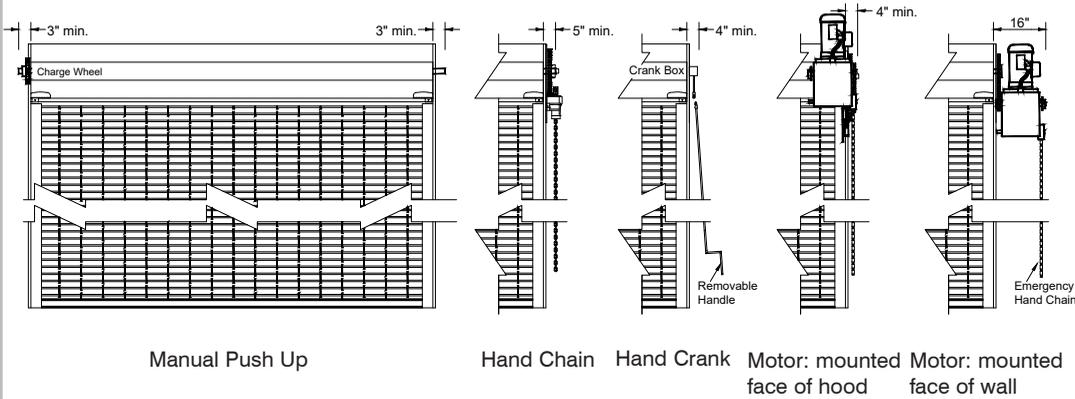


Alpine's Trademarked Exo-Shield powder coating process is available in a variety of colors. To see our variety of RAL colors please visit our website at:

<http://www.alpinedoors.com/standard-color-selection/>

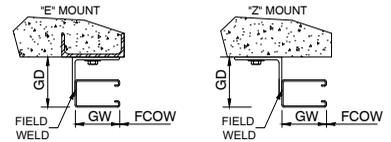
For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

**GRILLE DOOR - FACE OF WALL MOUNTING SHOWN WITH REDI-MASTER® MOTOR
CLEARANCE / TYPES OF OPERATION**



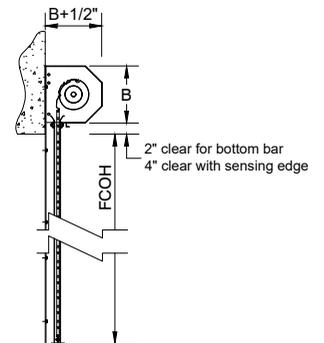
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

**FACE OF WALL MOUNTING
GUIDE DETAILS**

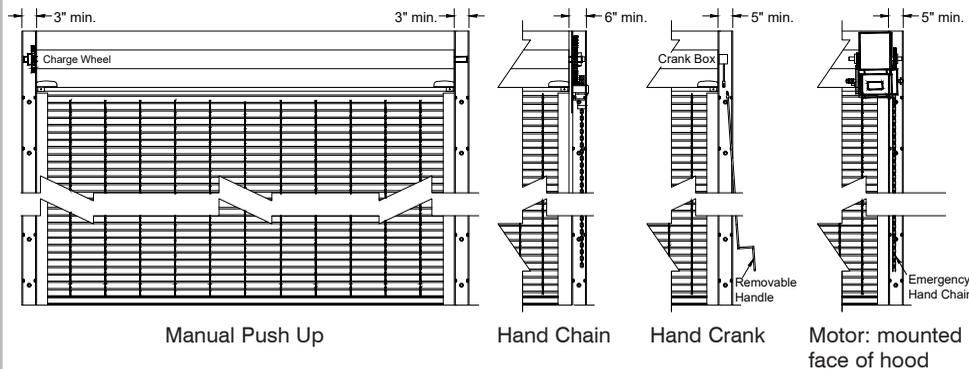


Guide depth is typically 4-1/2"
Guide width is typically 3"

**FACE OF WALL MOUNTING
VERTICAL SECTION**

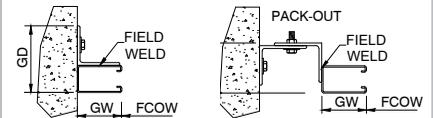


**GRILLE DOOR - BETWEEN JAMB MOUNTING SHOWN WITH REDI-LIFT® MOTOR
CLEARANCE / TYPES OF OPERATION**



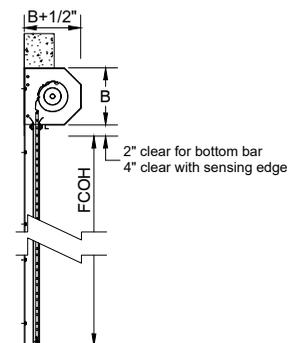
Note: Door shown is right hand drive, left hand charge. Drive side is interchangeable. Also note that extra side room may be required for removing or replacing the gears. See the motor section for more details.

**BETWEEN JAMB MOUNTING
GUIDE DETAILS**



Guide depth is typically 4-1/2"
Guide width varies

**BETWEEN JAMB MOUNTING
VERTICAL SECTION**



Legend

FCOH = Frame clear opening height
B = Bracket (endplate)
GD = Guide depth
BJ = Between jamb

FCOW = Frame clear opening width
GW = Guide width
FOW = Face of wall

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

HIGH RISE FIRE TITE H-O

FIRE RATED DOOR
UL, FM & NYC MEA APPROVED



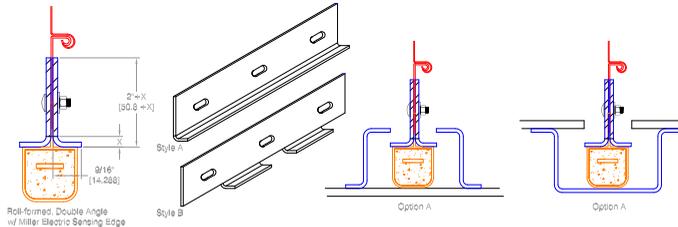
2 3/4" Flat Slat with Endlocks

H-O MARINE FIRE DOOR WITH ANTI-WARPING BOTTOM BAR

Fire performance evaluation of the Alpine H-O overhead door assembly was conducted in accordance with IMO Resolution A.754, (18), "Recommendation on Fire Resistance Tests for A, B, and F Class Divisions and ASTM E1529-93. The test door dimensions were 10' X 8' ft. The door was installed in a representative bulkhead section which was constructed in general accordance with IMO Resolution A.754 (18). The door edges were stiffened with 2.5" x 2.5" x 1/4" reinforced angles. The exposed face of the bulkhead was insulated to an A-60 rating, provided by two, 2-in. layers of Delta Marine Board insulation. The Alpine H-O overhead door and assembly was tested for a total of two hours and 8 minutes and was exposed to continuous fire exposure for a total of 122 minutes and 15 seconds. The Alpine H-O overhead door maintained its structural integrity by remaining closed for the entire duration of this fire test.

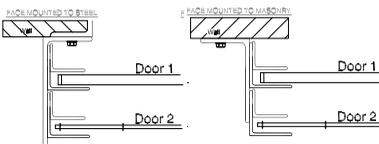
ANTI-WARPING BOTTOM BAR EDGE

A specialized bottom bar and steel edge to maximize containment of fuel and oil spills.



Super-Imposed

DUAL CURTAIN ROLLING DOOR



SUPERIMPOSED DYNAMIC TWO DOORS IN ONE

Alpine's Superimposed Doors provide a unique way to have the best of both worlds with only one installation.

This is a double door which consists of a rolling steel door and a rolling grille door (or SteelVision door) made up of dual guides and dual coils, one door superimposed over the other door, mounted and fixed to a common bracket. This is especially desirable for dual closures in driveway openings of industrial plants, warehouses and factories. During the working day, when protection from vandalism is required but light, vision and ventilation is essential, the grille is rolled down while the door remains in its upward position. When the plant is closed the grille door and the steel door are both rolled down for complete security and protection.

Hood head clearances for Superimposed door units are generally larger but not more than twice the clearances required on individual doors and grilles. It is therefore essential that the architect or engineer consult the Alpine Engineering Department to obtain proper clearance requirements for their particular door opening.

DOCKPORT

6



TOUGHEST DOOR ON THE MARKET - SLATS ARE MASSIVE

THIS HEAVY DUTY CURTAIN IS CONSTRUCTED OF:

16 gauge, roll-formed galvanized steel, 6" curved slats with minimum tensile strength of .75000, interlocking, with contoured sections. Heavy duty industrial design available in 14 gauge.

Finish options: stainless steel, baked enamel or powder coated.

Alpine Dock Port 6" curved slat doors are recommended for security against theft and other applications where security, strength and high quality are essential. No matter how large or small the job or how unusual the application, Alpine has a service door that meets your individual specifications.

Doors are available in different materials including galvanized, prime painted, stainless steel, and aluminum. Alpine's quality and workmanship are proven throughout the door industry. Our hands-on approach to every job ensures customer satisfaction.

RIOT-TITE™

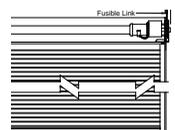
MAXIMUM SECURITY DOORS



PROVEN PROTECTION AGAINST THEFT, RIOTS, VANDALISM & LOOTING

Our impressive Riot-Tite™ maximum security door boasts the highest level of protection available, hands down. It includes the Dual Riot-Lock™ system, which provides ultimate security across the full height of the door. It is impact resistant with strong insulating properties. Ballistics resistance is available.

- 15/16" thick, dual-layer interlocking 3" slats
- Galvanized steel & stainless steel
- 20/20, 18/18, or 16/16 ga
- Impact resistant. Certified to strict ICC 500-2014/FEMA-361 specs to withstand tornadoes.
- R-value of 9.00/U-Factor of 111 with a thermal break on each slat is available
- Metal on metal layered slat with insulating properties available
- Effective against wind loads of 250+ PSF
- Perimeter weather seals available
- Hand chain or motor operated
- Dual Riot-Lock™ system standard
- Tamper-proof hardware available
- Optional Smart Security System will close multiple doors upon alarm



Dual Riot-Lock™

Heavy Duty Structural Guides

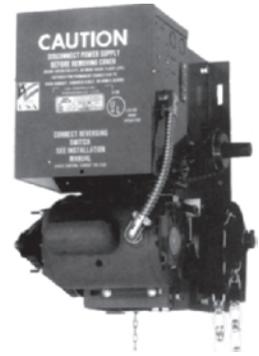
For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

Redi-Master® Operator



UL listed. High starting torque, continuous duty industrial motor. Low voltage control circuit, 24 VAC. NEMA 1 control station with OPEN/CLOSE/STOP. Type C2 wiring standard. The limit adjustments are made with a linear driven, fully adjustable screw type cams. Optional reversing edge is made up from an electric or pneumatic sensing device which is attached to the bottom edge of the door. Motor voltage listed as 115, 220, 230 at Single phase. Also 230, 460, and 575 at Three phase. The motor speed is rated at 1725 R.P.M.

Redi-Lift® Operator



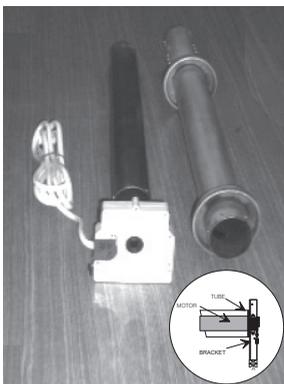
UL listed. High starting torque, continuous duty industrial motor. Motor overload protection. Low voltage control circuit, 24 VAC. Factory pre-wired motor controls with an emergency manual chain hoist. NEMA 1 control station with a three button OPEN/CLOSE/STOP control station. Low friction nylon limit nuts are fitted on a threaded steel shaft. Heavy duty 5L V-belt drive, chain/sprocket secondary reduction.

Redi-Shut® Operator



UL listed. High starting torque motor: removable without affecting the limit switch settings. Full overload protection. Low voltage control circuit, 24 VAC. Factory pre-wired all electrical components in a NEMA 1 enclosure. Dual relay system with a 3 button, NEMA 1 control station included. For use on small rolling grilles and counter shutters where manual chain hoist is not required. Heavy duty #41 roller chain and drive sprocket enhances the final drive.

Redi-Tube® Operator



SERIES 500 (530, 545) Used on small grilles and shutters where a manual chainhoist is not required. 115V, 60 Hz, single phase. Limit switch capacity: 28/40 revolutions. Maximum continuous running time: 4 minutes on a light duty cycle.

SERIES 600 (660/680) 115 V, 60 Hz, singlephase. Limit switch capacity: 24 revolutions. Maximum continuous running time: 4 minutes on a light duty cycle.

SERIES 800 (820) 115 v, 60 Hz, single phase. Limit switch capacity: 13 revolutions. Maximum continuous running time: 4 minutes on a light duty cycle.

Redi-Hoist® Operator



UL listed, CSA Certified. High starting torque motor with overload protection. Type C2 wiring standard. B2 control wiring can be easily set. Low voltage control circuit, 24 VAC. Long-life dry type motor capacitor. OPEN/CLOSE/STOP, three button control station. Heavy-duty oil-filled bearings. Operator is pre-wired to accept a sensing device, photoelectric control, radio controls and most types of access control equipment. Efficient 4L V-belt primary drive, chain/sprocket secondary drive.

Fire Door Redi-Release® Devices

For Motorized Doors – electro-mechanical operators. The AFCB fire door release device is designed to be used in conjunction with a standard commercial door operator to provide a fully automated door closing system. For use with motorized doors incorporating a reversing electric safety edge. This 120VAC device can power up to four smoke detectors and two horn/strobes or speaker/strobes. This system combines state-of-the-art functionality and advanced features typically found on special-order fire door operators.



LM21AFCB - UL864 Revision 9 compliant • Programmable DIP switch delay setting - either 10, 20, 30 or 60 seconds delay of door release to permit passage clearance • Internal battery backup system • Motor voltage sensing monitors voltage to the operator and activates a mechanical door release upon loss of power to the operator. • Obstruction cycling - works in conjunction with the door's electrical safety edge, reversing the door if an obstruction is encountered • Test keyswitch - permits floor-level testing of the system • Model LM21AAFGBVB - is equipped with a voice board to broadcast a prerecorded evacuation message

Non-Motorized Doors - The XP fire door release device provides a fail-safe release mechanism for non-motorized doors and acts as an interface between the door and the fire alarm system. The device required 24VDC power from an approved UL1481 regulated power supply with battery backup, such as a fire alarm control panel. Therefore, installation will require coordination with a fire panel installer.



LM21XP - UL864 Revision 9 compliant • Programmable DIP switch delay setting - either 10, 20, 30 or 60 seconds delay of door release to permit passageway clearance • Close door detection - prevents door release if the door is kept in the closed position and eliminates door reset service calls or potential system damage • On board diagnostic - LEDs for early troubleshooting • Testing function - allows routine fire door testing without requiring activation of the central alarm system; easy reset function returns the device to a standby state

Non-Motorized Doors with Battery Backup Option - Versatility allows the XPBB fire door release device to operate on 120VAC, 24VAC or 24VDC power sources. Internal battery backup allows the release device to stand alone from the fire alarm system and act independently in the event of a power outage. The system can provide 24VDC power for up to four smoke detectors and two horn/strobes, mounted on either side of the door. Programmable delay settings, close door detection, diagnostic LEDs, localized testing, and reset capabilities are also standard.



LM21XPBB - UL864 Revision 9 compliant • Programmable DIP switch delay setting - either 10, 20, 30 or 60 seconds delay of door release to permit passageway clearance • Inputs for normally open - 2-wire or 4-wire detectors and 4-wire normally closed detectors • On board diagnostic - LEDs for early troubleshooting • Trouble and alarm relays - for communication with the fire alarm control panel, if required • Audible trouble sounder - to indicate when the release device is not operational • Testing function - allows routine fire door testing without requiring activation of the smoke detector

• Model LM21XPBBVB - is equipped with a voice board to broadcast a prerecorded voice evacuation message

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

Redi-Reset® FS Operator



U.L. Classified For Fire Doors up to 32' wide by 25' high. Highly dependable automatic closing due to a simplified design. Slower, safer, uniform closing speed of approximately 6 inches per second. Easily tested with a touch of a button on the control station. The operator can be activated by a fusible link or a thermal sensor without the requirement for a mechanical release device. The operator is capable of closing the rolling steel door in the event of a fire emergency and eliminates the need for a mechanical resetting. Operators can be fitted with

back-up battery support which allow the door to be remain open and fire ready in the event of a power failure.

Redi-Reset® MC & MK Operators



UL Classified, CSA Certified. High starting torque motor with overload protection. Excellent fire protection. Doors are easily lowered using the combination closure and drop trest cable. Automatic closure occurs when the fusible link melts at 165 degrees fahrenheit. Easily connected to smoke detectors or central fire alarm systems. Fail-safe device provides for a 10 second delay before full door closure. Door closes at a rate of 9 inches per second. After testing only the fusible link or release device must be reset. Closing and drop testing controlled by a cable located at floor level. Governor provides a consistant door closing speed. MC is chain operated, while MK is hand crank operated.



Redi-Reset® GC Operator



UL Classified, CSA Certified. The mechanism allows the door to descend safely without power. The fire alarm signals the door to close. The fusible link melts at 70°C. Limit switches require no special tools to reset. Limit switches contain an on-board gearbox. The Electro Thermal Link is triggered at 24 VDC. The limit switches do not require resetting after the door descends without power. An optional solenoid re-engage system is available. Pressure die-cast aluminum housing. Available in high cycle rated, waterproof, hoseproof, and clutched fire shutter operators. High tensile steel and bronze gearing. (Worm and wheel, 45:1). Reliable oil Lip seals are fitted to all shafts.



Redi-Reset® NF Operator



U.L. Classified for fire doors up to 32' wide by 25' high. Highly dependable automatic closing due to a simplified design. Slower, safer, uniform closing speed of approximately 6 inches per second. Easily tested with a touch of a button on the control station. The operator can be activated by a fusible link or a thermal sensor without the requirement for a mechanical release device. The operator is capable of closing the rolling steel door in the event of a fire emergency and eliminates the need for a mechanical resetting.

Redi-Reset® FDCL Operator



UL listed. FM Approved. High starting torque motor with overload protection. Type B2 or Type C2 control wiring standard. Low voltage control circuit, 24 VAC. Long-life dry type motor capacitor. NEMA 1 three button control station which includes

OPEN/CLOSE/STOP. Limit adjustments are linear driven with screw type cams. Voltage ranges from 115/230 single phase: 230/460 Three Phase.

Redi-Central® Operator



- 115V, 60Hz, single phase
- U.L. recognized
- Thermal protection
- Maximum continuous running time: 5 minutes
- Light duty cycle (6 cycles/hr)
- 2 3/8" fixed central shaft, adapters for smaller diameters
- Limit switch capacity of 11 revolutions

Redi-Fast™ High Speed Direct Drive Operator



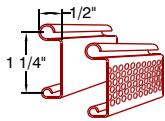
Alpine's Redi-Fast™ is a continuous duty cycle direct drive motor system. It features power electronic dynamic braking with solenoid mechanical brake. No sprockets or roller chains are required. Emergency chain hoist electrically interlocked for

emergency operation upon the event of a power outage. The Variable Frequency Drive includes soft start and soft stop for smooth operation. Cycle speeds of 24" open / 12" close.

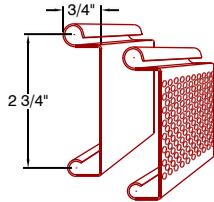
For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com

REDI-FORM®

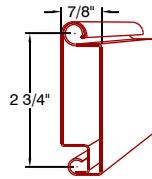
THESE ARE JUST SOME OF THE PRODUCTS OFFERED BY REDI-FORM



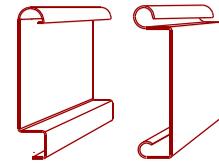
1-1/4" flat slats
1-1/4" perforated flat slats



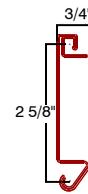
2-3/4" flat slats
2-3/4" perforated flat slats



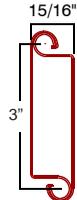
IMB V7 - 7/8" thick IMB slats



IMB V7 - front & back

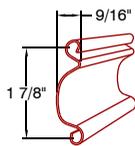


IMB V5

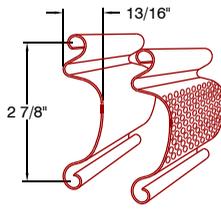


IMB V9

20, 18 & 16 ga

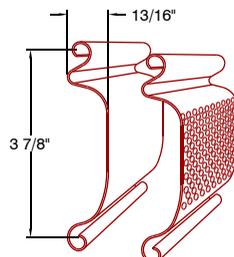


2" curve slats



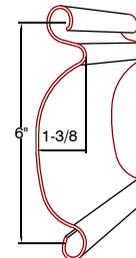
3" curve slats
3" perforated curve slats

14 - 22 ga.



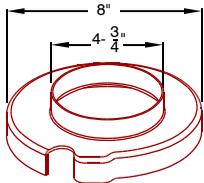
4" curve slats
4" perforated curve slats

22 ga.



All New 6" dockport curve slats

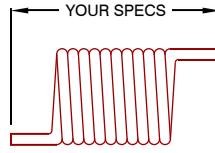
14 to 18 ga.



Patented Stamped Collars



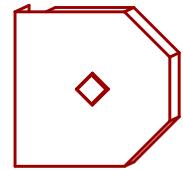
Band Spring coils
(6010-6016, 5012-5514)



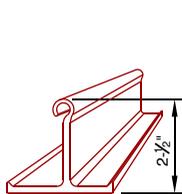
Torsion springs



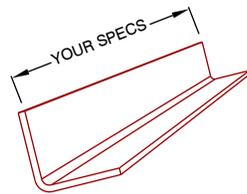
8" Spring boxes



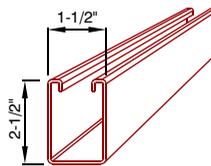
15" Stamped end brackets



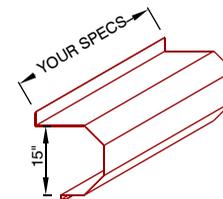
Aluminum extruded bottom bar



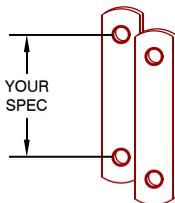
Roll-Formed
angle sizes:
1-1/2x1-1/2x1/8 to 5x5x1/4
equal & unequal legs



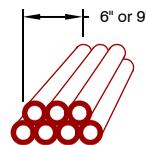
Roll-Formed Track



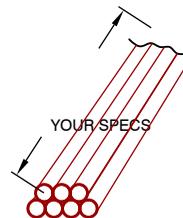
15" Sheet metal hoods



aluminum links spaced
to your specifications



6" & 9" spacer
sleeves for grilles



5/16" Galvanized wire for Grilles

For additional info or a quote, call us at 631.473.9300 or visit www.alpinedoors.com



OVERHEAD ROLLING STEEL DOORS



We're Always Rolling™

Alpine Overhead Doors, Inc.

8 Hulse Road • East Setauket, NY 11733 • www.alpinedoors.com

Phone: 631.473.9300 • Fax: 631.642.0800

