

PORTES ISOLÉES SÉRIE 5020

Les portes isolées SÉRIE 5020 fabriquées par Alumico Architectural inc. seront en conformité avec les caractéristiques suivantes :

Les portes ont une épaisseur de **50,8mm (2")** et seront composées d'extrusions tubulaires de **127mm (5") pour les montants latéraux, de 127mm (5") pour la traverse du haut et 190,5mm (7 1/2") pour la traverse du bas**. Les coins auront des plaques de renforcement, des guides extrudés antitorsion avec joints à mortaise et des tiges de tension d'acier plaqué de 9,5mm (3/8") sur toute la largeur de la tête et de la base. Une barrière thermique en chlorure de polyvinyle rigide et son parement en aluminium extrudé seront fixé d'une manière non apparente sur la surface intérieure de la porte. Les parclozes seront de type à enclenchement. Une extrusion de néoprène sera insérée dans la parclose pour permettre un vitrage à sec.

Toutes les composantes d'aluminium seront faites de l'alliage 6063 de la trempe T5.

Finis

Toutes les surfaces exposées seront traitées selon les options suivantes:

a) Traitement anodique:

- Naturel n°100: conforme à AA-M12C22A31 (classe 2) / 41 (classe 1)
- Champagne n°101: conforme à AA-M12C22A44
- Bronze pâle n°103: conforme à AA-M12C22A44
- Bronze arch. n°106: conforme à AA-M12C22A44
- Noir n°109: conforme à AA-M12C22A44

b) Peinture:

L'aluminium subira un prétraitement et sera recouvert d'un fini à la poudre, rencontrant les normes suivantes:

- AAMA 2603
- AAMA 2604
- AAMA 2605

Installation

Toutes les portes devront être installées par des techniciens qualifiés. Ceux-ci devront d'abord s'assurer que les ouvertures auront été préparées convenablement d'aplomb, d'équerre et de niveau. Tout le travail devra être exécuté en harmonie avec les travaux adjacents.

Garantie

Les portes isolées SÉRIE 5020 seront couvertes par une garantie de base du manufacturier contre tout défaut des matériaux pour une période de un an à partir de l'acceptation des travaux.

5020 SERIES INSOLATED DOORS

5020 SERIES thermally broken doors manufactured by Alumico Architectural inc. will be in accordance with the following specifications:

Doors will have a **thickness of 50,8mm (2")** and will be composed of tubular extrusions with **127mm (5") stiles, 127mm (5") top rail and 190,5mm (7 1/2") bottom rail**. Corners will have reinforcing plates, extruded anti-torsion guides with mortise joints and 9,5mm (3/8") plated steel tension rods across the width of the top and the bottom rails. A rigid PVC thermal barrier covered with an extruded aluminum cladding shall both be fixed to the inside face of the door with concealed fasteners. The glass stop will be an integral sash with a neoprene bulb insert for dry glazing.

All aluminum components will be made of 6063 alloy with T5 temper.

Finishes

All exposed surfaces will be coated with one of the following options:

a) Anodizing:

- Clear #100: as per AA-M12C22A31 (class 2) / 41 (class 1)
- Champagne #101: as per AA-M12C22A44
- Light bronze #103: as per AA-M12C22A44
- Arch. bronze #106: as per AA-M12C22A44
- Dark bronze #107: as per AA-M12C22A44
- Black #109: as per AA-M12C22A44

b) Paint:

Aluminum will undergo a pretreatment and be covered with a powder finish, and will meet the following specifications:

- AAMA 2603
- AAMA 2604
- AAMA 2605

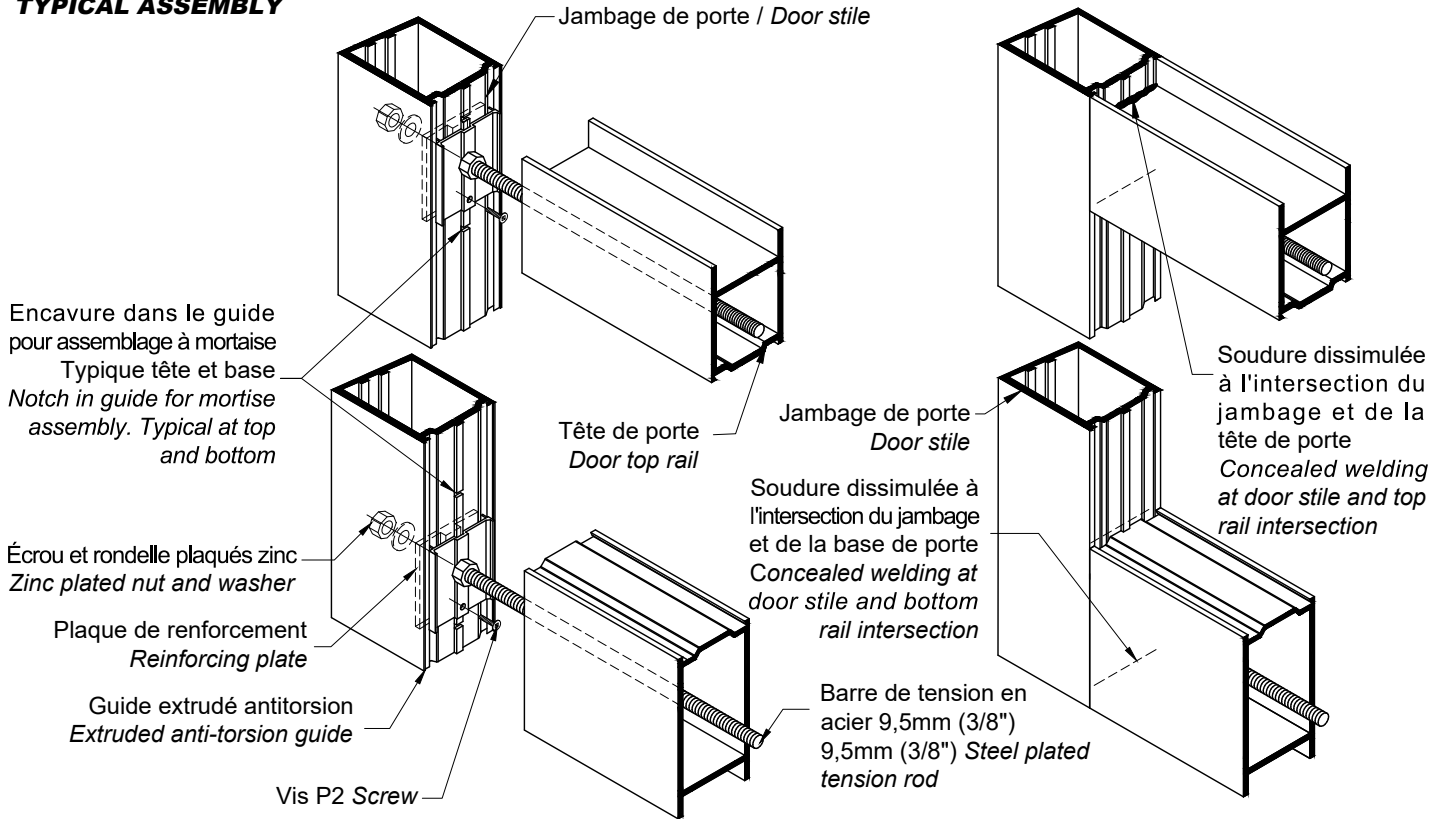
Installation

All doors shall be installed by experienced technicians in correctly prepared openings. They shall be set plumb, square and level in correct alignment with other work and will be ready for operation.

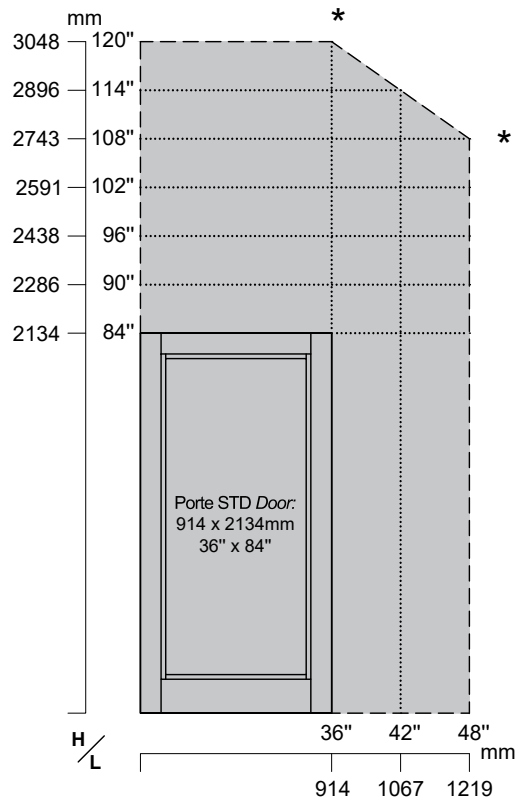
Warranty

5020 SERIES insulated door components will be covered by a basic warranty from the manufacturer against defective materials for a one year period upon acceptance of work.

ASSEMBLAGE TYPIQUE TYPICAL ASSEMBLY

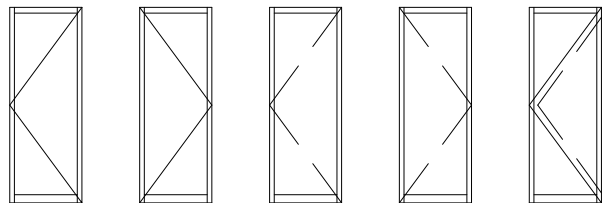


| Dimensions maximales Maximum Dimensions | |
|--------------------------------------------|----------------|
| Largeur Width | 1219mm 48" |
| Hauteur Height | 3048mm 120" |

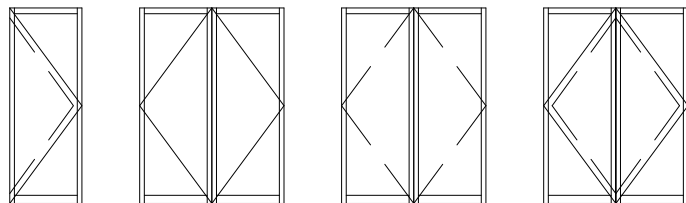


* Communiquez avec nous pour d'autres dimensions
Contact us for other dimensions

SENS D'OUVERTURE DOOR SWING

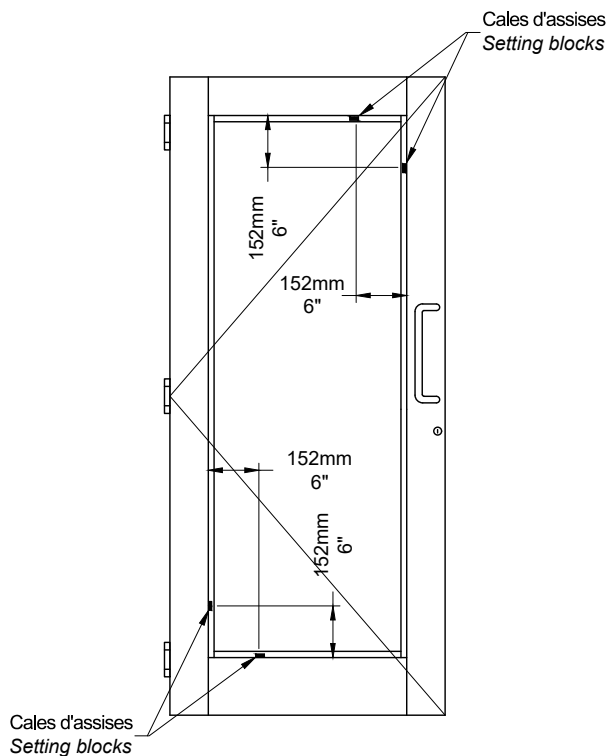


GE / LHO Main gauche ext. Left hand out
DE / RHO Main droite ext. Right hand out
GI / LHI Main gauche int. Left hand in
DI / RHI Main droite int. Right hand in
GDA / LHDA Main gauche double action Left hand double acting



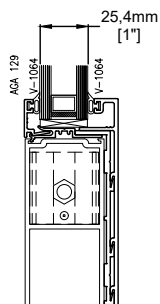
DDA / RHDA Main droite double action Right hand double acting
PE Paire extérieure Exterior pair
PI Paire intérieure Interior pair
PDA Paire double action Double acting pair

ÉQUERRAGE SQUARING



Épaisseur de vitrage Glazing Thickness

Parcloses AGA129
 Double garnitures V1064
 AGA129 Glass stop
 Double V1064 Glazing spline

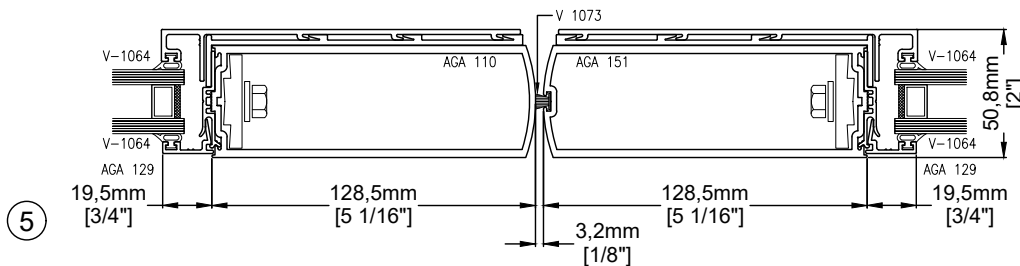
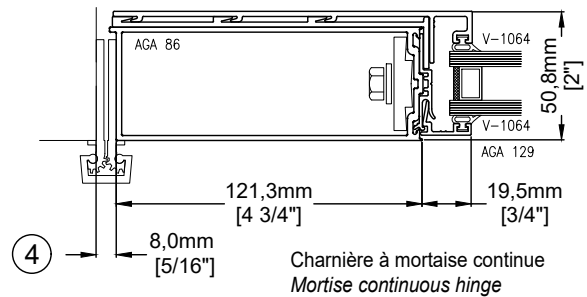
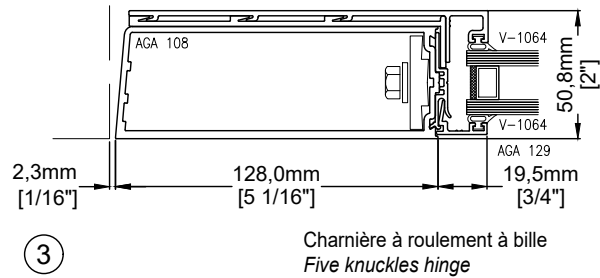
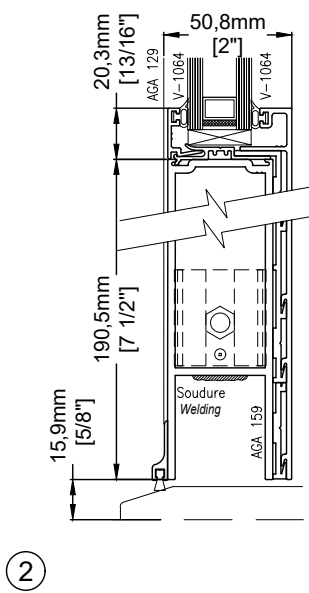
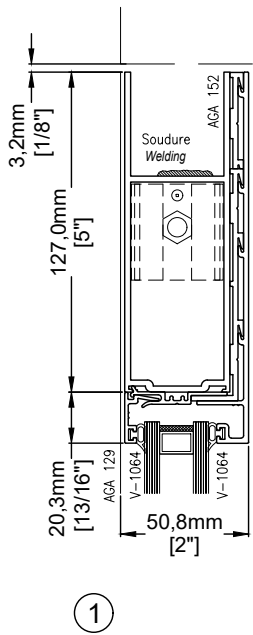
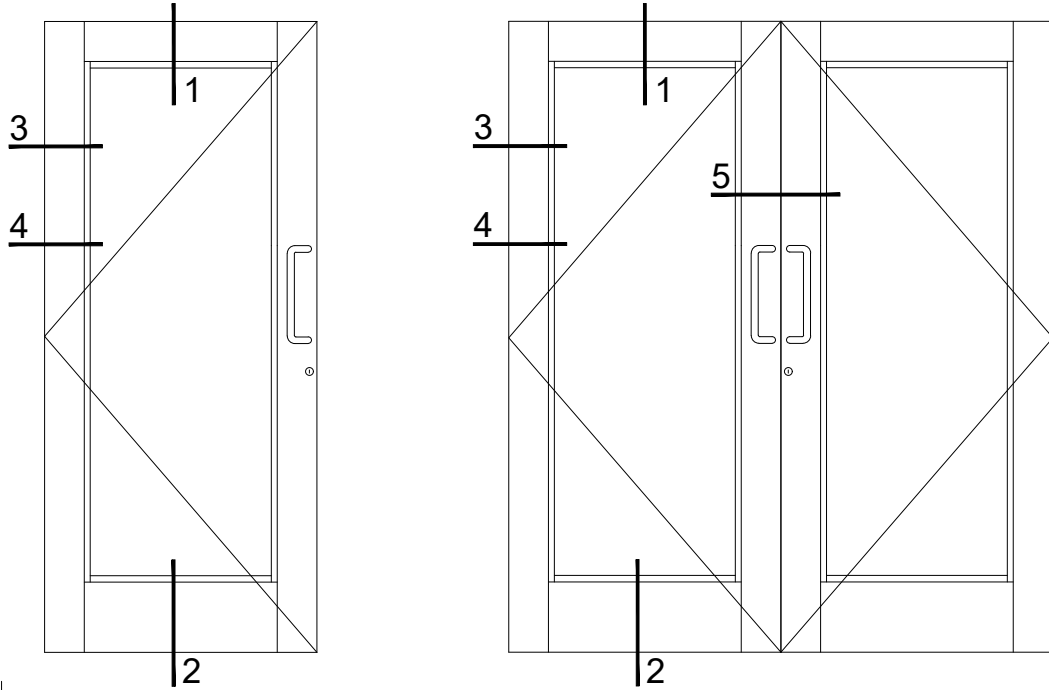


Dimensions de vitrage Glass Sizes

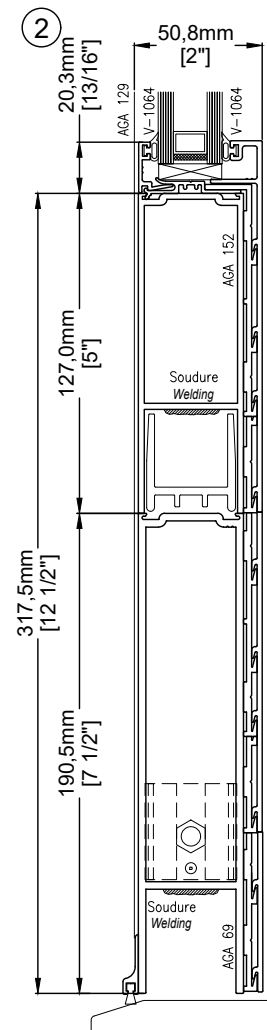
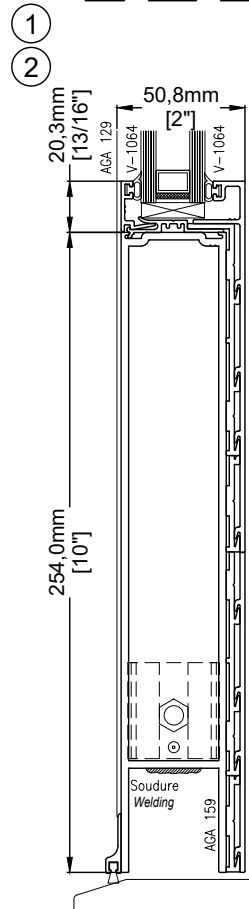
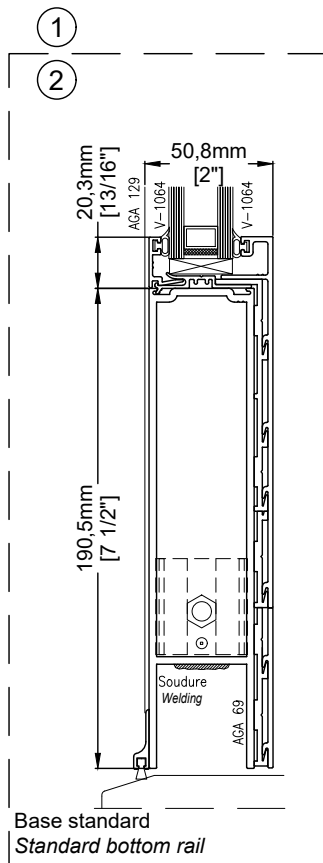
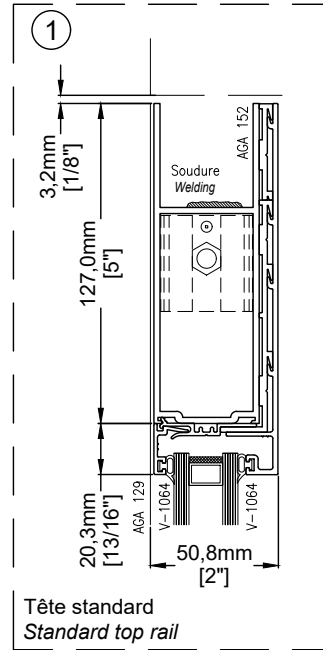
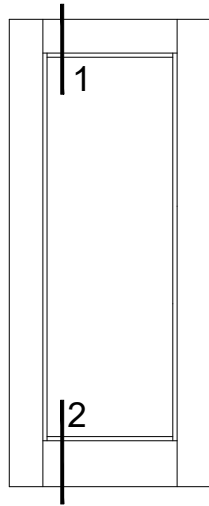
| | |
|----------------------------------------------------------------|---------------------------------|
| Configuration hors STD STD free configuration | Ouv. / O.S -23,6mm (15/16") |
| Porte simple / Single door 914mm x 2134mm (36" x 84") | 635mm x 1775mm 25" x 69 7/8" |
| Paire de portes / Pair of doors 1829mm x 2134mm (72" x 84") | |

Série 5020 Series

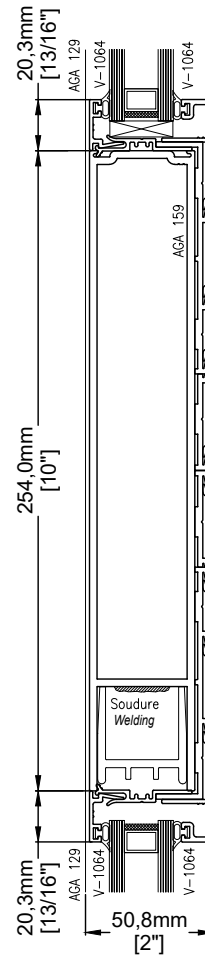
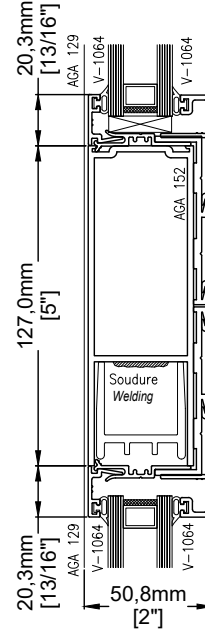
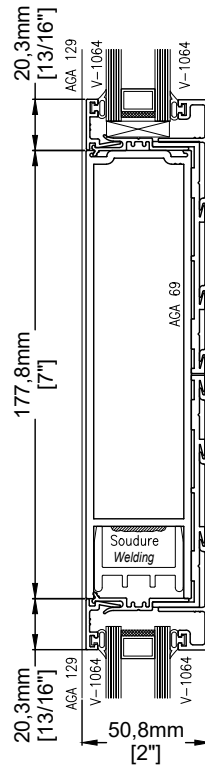
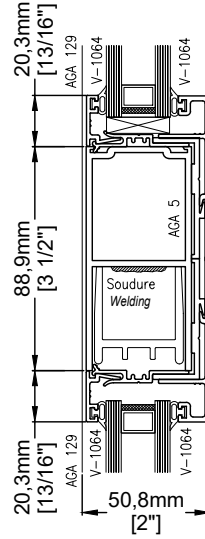
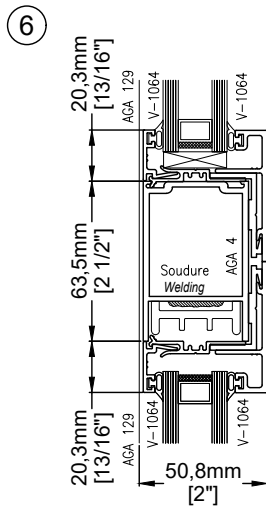
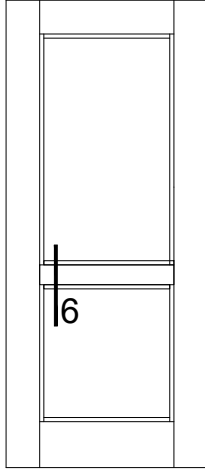
ÉLÉVATION DE PORTE STANDARD STANDARD DOOR ELEVATION



Options : Bases et Têtes / *Bottom and Top rails*

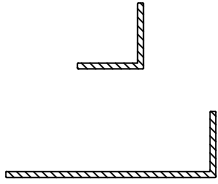
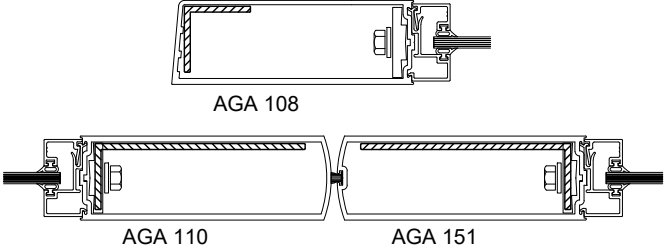

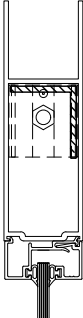

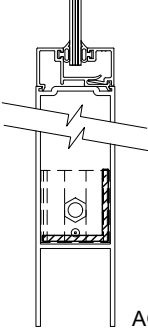


Options : Traverses / Mid rails

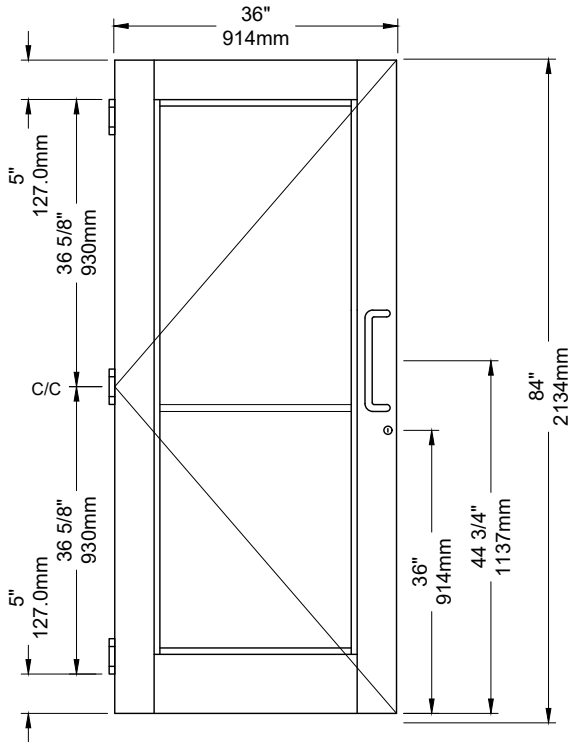


Options : Renforts / Reinforcements

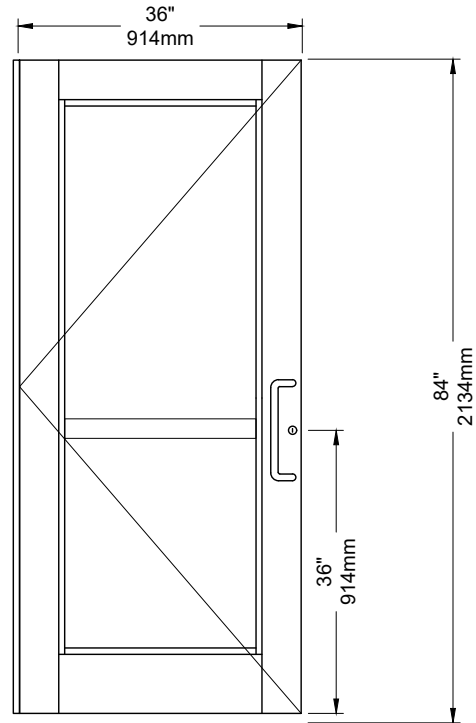
Note: Renforts disponibles en acier prépeint, acier galvanisé ou en aluminium
Available reinforcement in prepainted steel, galvanized steel or aluminum

| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <p>Renfort pour montants latéraux <i>Reinforcement for stile</i></p> <p><u>Dimensions:</u> 36,5 x 36,5 x 3,2mm (1 ³/₈" x 1 ³/₈" x ¹/₈")</p> <p>34,9 x 111,2 x 3,2mm (1 ³/₈" x 4 ³/₈" x ¹/₈")</p> |  |  <p>AGA 108</p> <p>AGA 110</p> <p>AGA 151</p> |
| <p>Renfort pour traverse du haut <i>Reinforcement for top rail</i></p> <p><u>Dimensions:</u> 34,9 x 38,1 x 3,2mm (1 ³/₈" x 1 ¹/₂" x ¹/₈")</p> |  |  <p>AGA 152</p> |
| <p>Renfort pour traverse du bas <i>Reinforcement for bottom rail</i></p> <p><u>Dimensions:</u> 34,9 x 38,1 x 3,2mm (1 ³/₈" x 1 ¹/₂" x ¹/₈")</p> |  |  <p>AGA 69</p> |

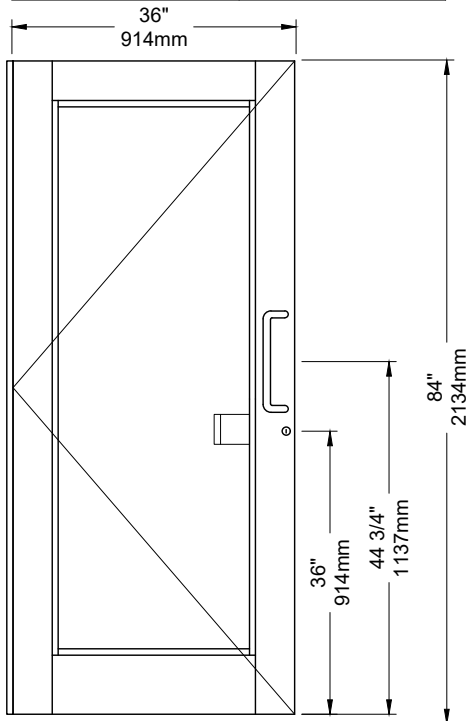
POSITIONS STANDARDS DE QUINCAILLERIE STANDARD HARDWARE LOCATIONS



| | |
|------------------------|---------------------------|
| Poignée à tirer AR2000 | <i>Pull Handle AR2000</i> |
| Barre à pousser AR5000 | <i>Push Bar AR5000</i> |
| Charnières H7 | <i>Hinges H7</i> |
| Serrure MS H18 | <i>MS Dead Lock H18</i> |









| | |
|------------------------|-----------------------------|
| Poignée à tirer AR2000 | <i>Pull Handle AR2000</i> |
| Barre panique H34 | <i>Exit Device H34</i> |
| Charnière continue H81 | <i>Continuous Hinge H81</i> |
| Serrure à verrou H19 | <i>Dead Latch H19</i> |




| | |
|------------------------|-----------------------------|
| Poignée à tirer AR2000 | <i>Pull Handle AR2000</i> |
| Palette de relâche H20 | <i>Release Handle H20</i> |
| Charnière continue H81 | <i>Continuous Hinge H81</i> |
| Serrure à verrou H19 | <i>Dead Latch H19</i> |






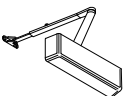
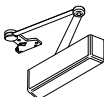
Standard : Quincaillerie / Hardware

| | Description | Numéro de pièce Part number | Note |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Poignée à tirer tubulaire standard 305mm x 25mm diamètre <i>Standard Tubular pull handle 12" x 1" diameter</i> Standard : 12" (304,8mm) Options : 9" (228,6mm) 16" (406,4mm) 20" (508mm) | AR2000 | Simple ou dos à dos <i>Single or back to back</i> Disponible sur demande: <i>Available upon request:</i> Acier inoxydable <i>Stainless steel</i> |
|  | Charnière plaquée nickel, satinée ou émaillée 4 1/2" x 4" (114 x 102mm) <i>Satin nickel plated or baked enamel hinge</i> -100 - gris / grey -106 - bronze / bronze | H7 | |
|  | Plaque de support 3/16" (4,8mm) pour charnière 3/16" (4,8mm) Hinge back up plate | H10 | |
|  | Serrure à sécurité maximum retrait barillet 1 1/8" <i>Maximum security dead lock 1 1/8" cylinder back set</i> | H18 | |
|  | Plaque de garniture pour serrure H18 <i>Face plate for H18 lock</i> *Spécifier si GE, DE ou PE <i>Specify if LHO, RHO or PE</i> | H13R H13L H13P | Droite / <i>Right</i> Gauche / <i>Left</i> Paire / <i>Pair</i> |
|  | Barrilet mortaisé régulier avec deux clés <i>Standard mortised cylinder with two keys</i> -100 - gris / grey -106 - bronze / bronze | H22 | |

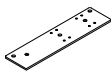

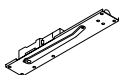
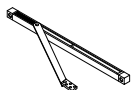
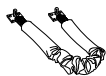
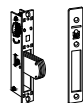
Standard : Seuils / Threshold

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|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|--|
|  | Seuil isolé biseauté 2 côtés 6" (152mm) <i>Thermally broken threshold bevelled 2 sides</i> | S11 | |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|--|










Options : Quincaillerie / Hardware

| | Description | Numéro de pièce Part number | Note |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Poignée à tirer tubulaire 305mm x 25mm diamètre Tubular pull handle 12" x 1" diameter Standard : 12" (304,8mm) Options : 9" (228,6mm) 16" (406,4mm) 20" (508mm) | AR1000 | Simple ou dos à dos <i>Single or back to back</i> Disponible sur demande: Available upon request: Acier inoxydable <i>Stainless steel</i> |
|  | Barre à pousser tubulaire 25mm diamètre <i>Tubular push bar 1" diameter</i> | AR5000 | Disponible sur demande: Available upon request: Acier inoxydable <i>Stainless steel</i> |
|  | Ferme porte en surface robuste <i>Heavy duty surface door closer</i> | H55 | |
|  | Ferme porte en surface robuste avec bras de retenue <i>Heavy duty surface door closer with hold open arm</i> | H56 | |
|  | Plaque de support pour H55 et H56 <i>Drop plate for H55 and H56</i> | H57 | Pour ferme-porte H55 et H56 <i>For door closer H54, H55 and H56</i> |
|  | Ferme porte extra-robuste en surface LCN4040 avec bras régulier <i>Surface heavy-duty door closer LCN4040 with regular arm</i> | H59 | Force : 2 à/to 6 Compatible avec tête 3 1/2" minimum et plus grand <i>Compatible with a 3 1/2" minimum top rail</i> |
|  | Ferme porte extra-robuste en surface LCN4040 avec bras d'arrêt "Cush and Stop" <i>Surface heavy-duty door closer LCN4040 with "Cush and Stop" arm</i> | H59A | Force : 2 à/to 6 Compatible avec tête 3 1/2" minimum et plus grand <i>Compatible with a 3 1/2" minimum top rail</i> |








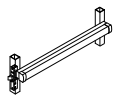
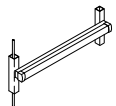
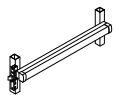

Options : Quincaillerie / Hardware

| | Description | Numéro de pièce Part number | Note |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------|
|  | Plaque de support pour H59 et H59A <i>Drop plate for H59 and H59A</i> | H60 | Ferme porte sur la porte avec H59 <i>Door closer on door with H59</i> |
| | | H60G | Cadre avec imposte avec H59 <i>Frame with transom with H59</i> |
| | | H60J | Cadre sans imposte avec H59 <i>Frame without transom with H59</i> |
| | | H60PA | Pour bras Cush-n-Stop avec H59 <i>For Cush-n-Stop arm with H59</i> |
|  | Ferme porte encastré 20-330 jackson <i>Concealed overhead closer 20-330 jackson</i> *Spécifier 90° ou 105° / <i>Specify 90° or 105°</i> *S'utilise avec pivots centrés / <i>Use with center pivots</i> | H88 | Compatible avec sens d'ouverture GDA, DDA et PDA <i>Compatible with door swing LHDA, RHDA and PDA</i> |
|  | Ferme porte encastré serie LCN2030 <i>Concealed hydraulic door closer LCN 2030 series</i> *Spécifier 90° ou 105° / <i>Specify 90° or 105°</i> **S'utilise avec charnières ou pivots décentrés <i>Use with hinge or offset pivots</i> ***Spécifier GE ou DE <i>Specify LHO or RHO</i> | H50 | |
|  | Bras d'arrêt et de retenue de surface Glynn-Johnson pour porte de 813mm @ 1067mm <i>Surface door holder and stopper arm for door of 32" to 42"</i> | H12 H12A | Encastré <i>Recessed</i> |
|  | Chaîne tempête <i>Storm chain</i> | H40A H40B | 25 1/2" (648mm) 30 1/2" (775mm) |
|  | Serrure à sécurité maximum pêne court retrait barillet 1 1/8" <i>Short bolt maximum security lock 1 1/8" cylinder back set</i> | H18B | |

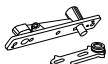
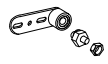
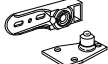





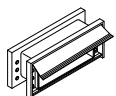
Options : Quincaillerie / Hardware

| | | | |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------|
|  | Serrure à verrou (retrait barillet 1 1/8") <i>Dead latch (cylinder backset 1 1/8")</i> | H19 | Retrait de barillet / <i>Cylinder back set:</i> 1 1/8" (29 mm) |
| | Serrure à verrou (retrait barillet 31/32") <i>Dead latch (cylinder backset 31/32")</i> | H19A | Retrait de barillet / <i>Cylinder back set:</i> 31/32" |
| | Serrure à verrou robuste (retrait barillet 1 1/8") <i>Heavy duty dead latch (cylinder backset 1 1/8")</i> | H19H | |
|  | Plaqué de garniture pour serrure H19 <i>Face plate for H19 lock</i> | H14R | Droite / <i>Right</i> |
| | | H14L | Gauche / <i>Left</i> |
| | *Spécifier si GE, DE ou PE <i>Specify if LHO, RHO or PE</i> | H14P | Paire / <i>Pair</i> |
|  | Contacteur électrique pour paire de portes <i>Electric connectors for doors pair</i> | H21B | |
| | | H21C | |
|  | Gâche électrique 16-24 volts PESO <i>16-24 volts electric strike PESO</i> | H21 | |
|  | Gâche électrique 24 volts <i>24 volts electric strike</i> 7100 ADAMS RITE 7400 ADAMS RITE | H21A H21G | |
| | Gâche électrique HES <i>HES electric strike</i> | H21H | Mur-rideau 6175HP Curtain Wall |
|  | Pêne à rouleau avec gâche en acier <i>Roller Latch with steel strike</i> | H46 | |
|  | Gâche standard en acier inoxydable pour serrure à verrou H19 <i>Stainless steel strike for dead latch H19</i> | H19B | |
|  | Barillet mortaisé court avec deux clés <i>Short mortise cylinder with two keys</i> -100 - gris / <i>grey</i> -106 - bronze / <i>bronze</i> | H23A | |
|  | Barrillet manuel <i>Thumbturn mortised cylinder</i> -100 - gris / <i>grey</i> -106 - bronze / <i>bronze</i> | H24 | |


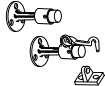

Options : Quincaillerie / Hardware

| | Description | Numéro de pièce Part number | Note |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------|
|  | Faux barillet mortaisé <i>Dummy mortised cylinder</i> -100 - gris / grey -106 - bronze / bronze | H24A | |
|  | Anneau de sécurité <i>Cylinder guard</i> -100 - gris / grey | H22A | |
|  | Anneau de sécurité robuste <i>Heavy-duty cylinder guard</i> -100 - gris / grey | H22B | |
|  | Plaque de protection <i>Security plate</i> *Spécifier GE ou DE (H90L ou H90R) <i>Specify LHO or RHO (H90L or H90R)</i> | H90 | |
|  | Verrou effleuré <i>Flush bolt</i> -100 - gris / grey -106 - bronze / bronze | H25 | |
|  | Poignée de relâche <i>Release handle</i> *Spécifier GE ou DE (H20AL ou H20R) <i>Specify LHO or RHO (H20AL or H20AR)</i> | H20A | Seulement pour pousser <i>For Push only</i> |
|  | Palette de relâche Adams Rite <i>Adams Rite Push paddle</i> *Spécifier GE ou DE (H20L ou H20R) <i>Specify LHO or RHO (H20L or H20R)</i> | H20 | Seulement pour pousser <i>For Push only</i> |
|  | Barre panique Adams Rite à mortaise (pour porte 1 3/4") <i>Mortised type Adams Rite exit device (For 1 3/4" depth door)</i> Largeur maximum porte 42" / <i>Maximum door width 42"</i> *Spécifier GE ou DE / <i>Specify LHO or RHO</i> | H34 | |
|  | Barre panique à tige encastrée Adams Rite <i>Concealed rod exit device</i> Largeur maximum porte 36" / <i>hauteur maximum porte 96"</i> Maximum door width 36" / <i>Maximum door width 96"</i> | H34A | |
|  | Barre panique Dorex à mortaise (Pour porte 1 3/4" d'épaisseur) <i>Mortised type Dorex exit device (For 1 3/4" depth door)</i> Largeur maximum porte 42" / <i>Maximum door width 42"</i> *Spécifier GE ou DE / <i>Specify LHO or RHO</i> | H38 | |
|  | Plaque de montage pour barre panique H34A <i>Cylinder mounting pad for H34A panic exit device</i> -100 - gris / grey -106 - bronze / bronze | H22D | |






Options : Quincaillerie / Hardware

| | Description | Numéro de pièce Part number | Note |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------|
|  | Ensemble de pivots centrés haut et bas <i>Top and bottom center pivots</i> | H5 | |
|  | Pivot centré du bas avec seuil <i>Center hung bottom pivot with treshold</i> | | |
|  | Pivot centré du bas sans seuil <i>Center hung bottom pivot without treshold</i> | H5A | |
|  | Charnières en acier inoxydable <i>Stainless steel hinge</i> 4 1/2" x 4" (114 x 102mm) | H8 | Fini / <i>Finish:</i> Acier inoxydable <i>Stainless steel</i> |
|  | Charnière continue HD pour porte <i>Continuous HD hinge</i> | H81 H82 H82B | 84" (2134 mm) 96" (2438 mm) 120" (3048mm) |
|  | Charnière continue en surface <i>Continuous surface hinge</i> | H83 H84 | 84" (2134 mm) 96" (2438 mm) |
|  | Astragale pour porte avec V1075 <i>Astragal for door with V1075</i> | H520 | 84" (2133,6 mm) 96" (2438,4 mm) 120" (3048mm) |
|  | Coupe froid bas de porte avec mohair V1079, 2500' <i>Bottom door weather strip with V1079 mohair, 2500'</i> | H41 H41A | 36" (914,4 mm) 42" (1066,8 mm) |
|  | Passe courrier isolé <i>Thermally broken letter slot 3 1/2" (88.9mm)</i> | H39 | Compatible avec traverse AGA5 et plus grand <i>Compatible with AGA5 mid rail and greather</i> |

Options : Quincaillerie / Hardware

| | Description | Numéro de pièce Part number | Note |
|-----------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|--------------------------------------------------------------------|
|  | Butoir de porte rabattable <i>Flip down door stop</i> | H31 | |
|  | Butoir de porte mural <i>Wall mounted door stop</i> | H31A H31AC | Régulier <i>Regular</i> Avec crochet <i>With hook</i> |
|  | Butoir de porte plancher <i>Floor door stop</i> | H32 H32C | Régulier <i>Regular</i> Avec crochet <i>With hook</i> |

Options : Seuils / Thresholds

| | | | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----|--|
|  | Arrêt de porte au seuil <i>Door stop at threshold</i> | S2 | |
|  | Seuil biseauté 2 côtés 4" (101.6mm) <i>Threshold bevelled 2 sides</i> | S4 | |
|  | Seuil biseauté 2 côtés 6" (152mm) <i>Threshold bevelled 2 sides</i> | S6 | |
|  | Seuil biseauté 2 côtés 8" (203mm) <i>Threshold bevelled 2 sides</i> | S8 | |
|  | Seuil biseauté 1 côté 5" (127mm) <i>Threshold bevelled 1 side</i> | S10 | |