

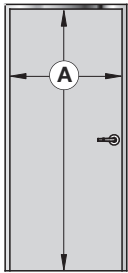
## Custom 487 Series Aluminum Frame and Door Quote/Order Request Form

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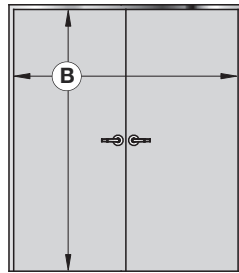


### STEP 1 MEASURE

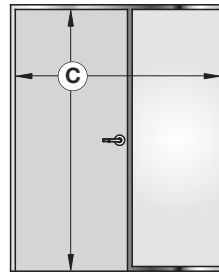
#### ROUGH OPENING CALCULATIONS



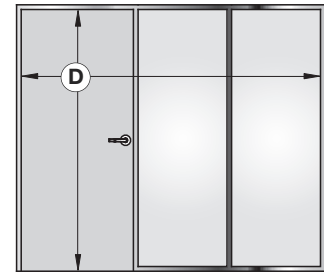
Door Frame



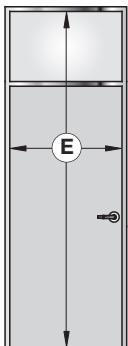
Double Door Frame



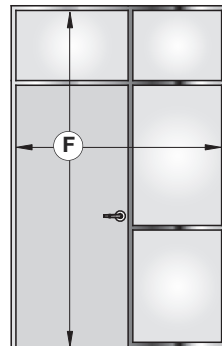
Door w/Sidelite



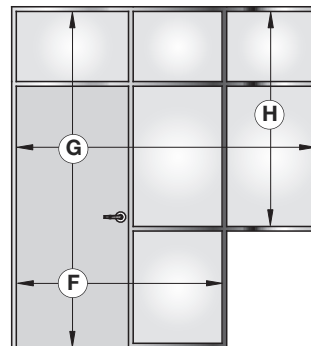
Door w/Two Sidelites



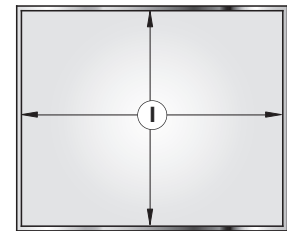
Transom Frame



Transom Frame w/Sidelite



Transom Frame w/Two Sidelites



Vision Lite

#### ROUGH OPENING FORMULAS

- A** Width =  $DW + 1-1/2"$   
Height =  $DH + 3/4"$

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- B** Width =  $DW + 1-1/2"$   
Height =  $DH + 3/4"$

---

- C** Width =  $DW + 1-1/2" + SW + 1-1/2"$   
Height =  $DH + 3/4"$

---

- D** Width =  $DW + 1-1/2" + SW + 1-1/2" + SW + 1-1/2"$   
Height =  $DH + 3/4"$

---

- E** Width =  $DW + 1-1/2"$   
Height =  $DH + 1-1/2" + TH + 3/4"$

---

- F** Width =  $DW + 1-1/2" + SW + 1-1/2"$   
Height =  $DH + 1-1/2" + TH + 3/4"$

---

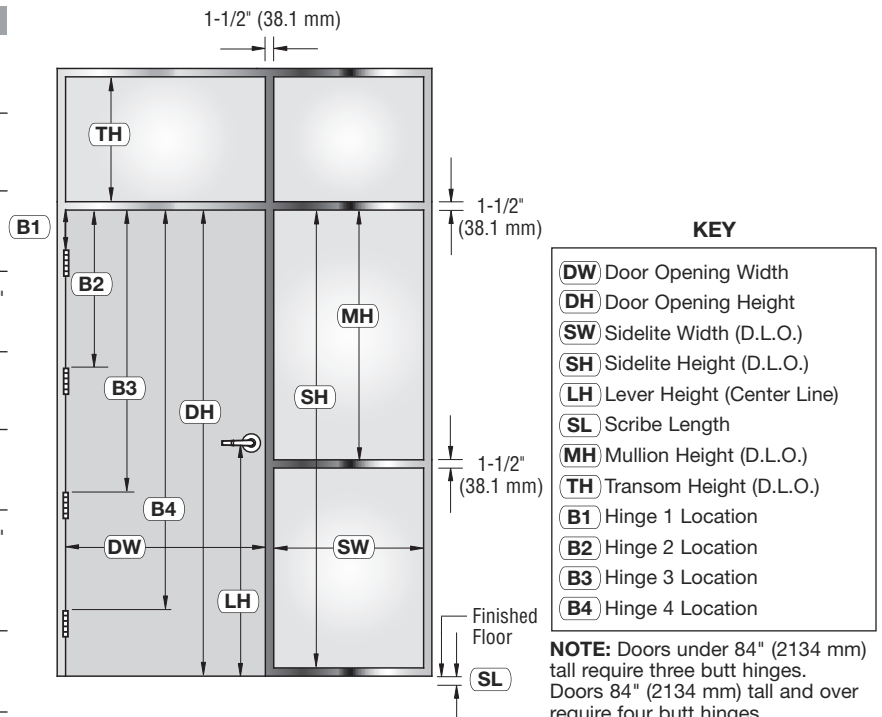
- G** Width =  $DW + 1-1/2" + SW + 1-1/2" + SW + 1-1/2"$   
Height =  $DH + 1-1/2" + TH + 3/4"$

---

- H** Height =  $SH + 1-1/2" + TH + 1-3/4"$

---

- I** Width =  $SW + 1-1/2"$   
Height =  $SH + 1-3/4"$



## Custom 487 Series Aluminum Frame and Door Quote/Order Request Form

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Fax Completed Checklist to U.S. Aluminum Technical Sales at (866) 262-3299. Then call to discuss: (800) 262-5151 (U.S.), (877) 421-6144 (Canada), or (323) 588-1281 (International). Ask for Extension 5305. This form is also available online at [usalum.com](http://usalum.com).

Company Name \_\_\_\_\_  
 Contact \_\_\_\_\_  
 Job Name \_\_\_\_\_

Phone # \_\_\_\_\_  
 Fax # \_\_\_\_\_  
 Email \_\_\_\_\_

When you are ready to order, utilize this form to assist you in covering the details required to complete a Custom 487 Series Aluminum Frame installation. Going through this exercise should prevent you from overlooking any details related to your installation.

**IMPORTANT:** Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or CAD files; photos of job site conditions (digital images are preferable). **NOTE:** A final sign off is required prior to any custom fabrication.

### STEP 2 FRAME SELECTION

#### FRAME TYPE

- Up/Over Frame (No Sidelites)
- Frame With Sidelite
  - Left of Door from Push Side
  - Right of Door from Push Side
- Transom Frame
- Transom Frame With Sidelite
  - Left of Door from Push Side
  - Right of Door from Push Side
- Custom (Supply Drawings)

#### FRAME FINISH

- Clear Anodized
- Bronze Anodized
- Black Anodized
- Painted (Specify) \_\_\_\_\_

#### BUTT HINGES (See Page 133X)

- BB10A Satin Chrome Removable Pin
- BB10BRZ Bronze Removable Pin
- BB15NRPA Satin Chrome Non-Removable Pin
- BB15NRPBRZ Bronze Non-Removable Pin
- By Others (Must Specify) \_\_\_\_\_

#### BUTT HINGE LOCATIONS

- CRL Standard Hinge Locations
- Custom Hinge Locations (Specify Below)
  - (B1) \_\_\_\_\_ (B3) \_\_\_\_\_
  - (B2) \_\_\_\_\_ (B4) \_\_\_\_\_

#### FRAME INFORMATION (See Page 130X for Formulas)

Door Opening Width **(DW)** \_\_\_\_\_

Door Opening Height **(DH)** \_\_\_\_\_

Sidelite Width **(SW)** \_\_\_\_\_ QTY. \_\_\_\_\_

Sidelite Height **(SH)** \_\_\_\_\_

Transom Height **(TH)** \_\_\_\_\_

Mullion Height **(MH)** \_\_\_\_\_

Scribe Length **(SL)** \_\_\_\_\_

- Standard 1-5/8" (41.3 mm)
- Custom \_\_\_\_\_

### STEP 3 DOOR SELECTION

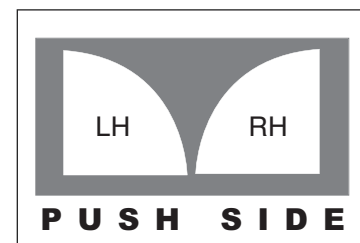
#### DOOR SWING

QTY.

- Push Side Hinges On Left \_\_\_\_\_ ea.
- Push Side Hinges On Right \_\_\_\_\_ ea.

Handing of doors is determined from the "PUSH" side. A single door with hinges on the left from the PUSH side is a Left Hand (LH) Door. A single door with hinges on the right from the PUSH side is a Right Hand (RH) Door. Paired doors always consist of one LH and one RH door.

#### DOOR SWING CHART





## Custom 487 Series Aluminum Frame and Door Quote/Order Request Form

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### STEP 3 DOOR SELECTION (CONTD.)

#### DOOR TYPE

- 550 Series Wide Stile Aluminum
- Wood Flush
- By Others \_\_\_\_\_

#### DOOR OPENING SIZE \*

- 36" x 84" (914 x 2134 mm) Single
- 36" x 96" (914 x 2432 mm) Single
- 36" x 108" (914 x 2743 mm) Single
- 48" x 84" (1219 x 2134 mm) Single
- 48" x 96" (1219 x 2432 mm) Single
- 48" x 108" (1219 x 2743 mm) Single
- 72" x 84" (1829 x 2134 mm) Pair
- 72" x 96" (1829 x 2438 mm) Pair
- 72" x 108" (1829 x 2743 mm) Pair
- 96" x 96" (2438 x 2438 mm) Pair
- Other (Specify) \_\_\_\_\_

\* Door Bottom Clearance

- Standard 5/16" (8 mm)
- Other (Specify) \_\_\_\_\_

#### CYLINDRICAL LEVER LOCKS (See Pages 139X-141X)

- Entrance  Grade 1  Grade 2
- Showroom  Grade 1  Grade 2
- Passage  Grade 1  Grade 2
- Privacy  Grade 1  Grade 2
- Specify Finish \_\_\_\_\_
- By Others (Specify) \_\_\_\_\_
- None

#### MORTISE LEVER LOCK (See Page 138X)

- ML9453 Mortise (Satin Chrome Finish)
- By Others (Specify) \_\_\_\_\_
- None

#### LEVER HEIGHT

- CRL Standard Lever Location
- Custom Lever Height (Specify) \_\_\_\_\_

#### PANIC DEVICES (See Pages 144X-147X)

- CRL 10 Series Rim
- CRL 10 Series Concealed
- CRL 12 Series Rim
- CRL 12 Series Concealed
- CRL 20 Series Rim
- CRL 20 Series Concealed
- Cat. No. \_\_\_\_\_
- By Others (Specify) \_\_\_\_\_
- None

#### SURFACE MOUNT DOOR CLOSER (See Pages 134X-135X)

- CRL PR70
- Cat. No. \_\_\_\_\_
- Regular Projecting Arm
- Parallel Arm
- By Others \_\_\_\_\_
- None

### 550 Series Wide Stile Aluminum Doors (See Pages 123X-126X)

#### DOOR FINISH

- Clear Anodized
- Dark Bronze Anodized
- Black Anodized
- Painted (Specify) \_\_\_\_\_

#### BOTTOM RAIL

- Standard 6-1/2" (165 mm)
- 7-1/2" (191 mm)
- 9-1/2" (241 mm) A.D.A.
- Custom \_\_\_\_\_

#### GLASS STOPS (See Page 126X)

- Square for 1/4" (6 mm) Glass
- Beveled for 1/4" (6 mm) Glass
- For 1" (25 mm) Glass

#### FLUSH BOLTS FOR PAIRS (See Page 142X)

- Yes
  - Cat. No. DL2210A18 Aluminum
  - Cat. No. DL2210DU18 Bronze
- No

#### DOOR MUNTINS (See Page 126X)

- 5/8" (16 mm)
- 2" (51 mm)
- 5" (127 mm)
- 6-3/16" (157 mm)
- 6-1/2" (165 mm)
- 9-1/2" (241 mm)
- None