B-2009
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TEMPERED GLASS DOORS
PANIC AND DEADBOLT HARDWARE

1301 DOORS WITH FULL HEIGHT DEADBOLT HOUSINGS DB-130F
SEE DETAILS ON PAGE D5

250 DOOR WITH PANIC DEVICE H-100A
SEE DETAILS ON PAGE D16

THIS CATALOGUE IS PREPARED EXCLUSIVELY FOR THE ARCHITECTURAL PROFESSION

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Visit our website at www.blumcraft.com
The Early Years

Blumcraft’s founder Hyman Blum, a young artisan from Latvia, immigrated to America in 1908. He was a highly skilled craftsman whose forte was hand-forged decorative wrought iron railings, gates, lighting fixtures, and ornamental hardware. His creativity with metals and the prudent business sense of his three sons, Max, Louis, and Harry facilitated the transition of the Hyman Blum Company into Blumcraft of Pittsburgh.

The Blum collection of exquisite metal treasures can be seen at the Heinz History Center in Pittsburgh.

A New Era

During World War II, metal was not allowed to be used for decorative purposes, but after the war ended and the restrictions were lifted, Blumcraft pioneered the development of innovative adjustable aluminum handrail components. As architectural trends changed, Blumcraft again enhanced its leadership role in the industry by adding wood, glass, bronze, brass, and stainless steel to its product line. Following working relationships with PPG Industries and Libbey Owens Ford, Blumcraft launched new product lines, thanks in part to the creativity of a brilliant designer, Bill Horgan. Tempered glass doors and attractive operating hardware once again established a higher level of architectural design acceptance.

Blumcraft Today

Blumcraft of Pittsburgh continues to proudly manufacture fine top quality American made products. With the passing of Louis Blum, the last remaining partner, on March 31, 2004 at the age of 94, the Blumcraft legacy continues under the leadership of Myron Caplan and Rick Kremer. Having over 80 years of combined experience with the firm, these men will lead Blumcraft into the future.

As always, Blumcraft will assist architects by publishing catalogues in Sweets hard copy files, by maintaining up to date sections within the Sweets website, and by supporting its own online website, www.blumcraft.com

Throughout the years, architects have come to expect superb quality of design exhibited by tempered glass doors, architectural hardware, railing systems, and display case doors.

Blumcraft of Pittsburgh will fulfill these expectations with service and quality!

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DOOR SERIES 1301
MORE GLASS . . . LESS METAL

DOOR SERIES 1301 AVAILABLE IN 1/2”, 5/8” OR 3/4” TEMPERED GLASS. METAL IN STAINLESS STEEL OR BRONZE ONLY.

1301 DOORS WITH H-100-A PANIC DEVICES
DOOR SERIES 1301

END VIEW

CEILING CHANNEL

B-1250 TRANSOM BAR

DEADBOLT LOCK HOUSING DB-150 P SHOWN

1301 DOORS IN COMBINATION WITH A FLOATING TRANSOM BAR

PANIC DEVICES AND DEADBOLT LOCK HOUSINGS CAN BE USED WITH THESE DOORS
DOOR SERIES 1301
MORE GLASS . . . LESS METAL

DOOR SERIES 1301 AVAILABLE IN 1/2", 5/8" OR 3/4" TEMPERED GLASS.
METAL IN STAINLESS STEEL OR BRONZE ONLY.

1301 DOORS WITH FULL HEIGHT DEADBOLT HOUSINGS DB-130F
LOCKING IS SIMULTANEOUS AT TOP AND BOTTOM
OR SEPARATELY AT TOP OR AT BOTTOM
DOOR SERIES 1301

DOOR SECTIONS

ALL SECTIONS FULL SIZE

SIDELIGHT SECTIONS

CEILING CHANNELS

<table>
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<td>1-15/16&quot;</td>
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*IF EXPOSED, CAN BE CLAD IN STAINLESS STEEL OR BRONZE

NOTE: GLASS SIDELIGHTS WITH TOP & BOTTOM RAILS TO MATCH RAILS OF DOOR ARE FURNISHED COMPLETELY BY BLUMCRAFT

BASE CHANNELS

<table>
<thead>
<tr>
<th>PART NO.</th>
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<th>RB-750 OR EB-7500</th>
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<tr>
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<tr>
<td>*CLAD WIDTH</td>
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<td>1-3/8&quot;</td>
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</table>

*IF EXPOSED, CAN BE CLAD IN STAINLESS STEEL OR BRONZE

GLASS FURNISHED BY LOCAL INSTALLER

SHIMS
CEILING GLAZING CHANNEL
- C-7500 FOR 1/2" GLASS 1-1/2" X 2"
- C-7500 FOR 3/4" GLASS 1-3/4" X 2"

MATCHES DOOR RAIL SIGHTLINE

DOOR SERIES 1301

MATCHES DOOR RAIL SIGHTLINE

INSTALLATION DETAILS

SPECIAL CEMENT CASE FURNISHED BY BLUMCRAFT

CEILING GLAZING CHANNEL

PILE WEATHERSTRIPPING OPTIONAL

ADJUSTABLE TOP PIVOT SLIDES IN CHANNEL

AS AN ALTERNATE, FOR FIXED TOP PIVOT NOT REQUIRING THE CHANNEL SEE PAGE D8

CAULK

SECTION THRU SIDELIGHT ADJOINING WALL

2-7/8" DORMA BTS-80 FLOOR CLOSER

MATCHES DOOR RAIL SIGHTLINE

2-7/8" DORMA BTS-80 FLOOR CLOSER

MATCHES DOOR RAIL SIGHTLINE
**STANDARD TOP PIVOT**  
(CEILING CHANNEL C-7500 OR C-7501 NOT REQUIRED)

- FIXED LOCAL WALKING BEAM TOP PIVOT
- BOTTOM RAIL IS 3/4" HIGH STANDARD OR CAN MATCH 1-1/4" HIGH TOP RAIL

**ELECTROMAGNETIC LOCK**

- METAL SHIMS AS REQUIRED
- CEILING CHANNEL C-7500 FOR 1/2" GLASS  
  C-7501 FOR 3/4" GLASS
- 1/8" MIN.
- 2-1/4"
- 1/2" GLASS  
  5/8" OR 3/4" GLASS
- PARTIAL SECTION

**ELECTRIC DEADBOLT (DROP BOLT)**

- METAL SHIMS AS REQUIRED
- C-7501 CEILING CHANNEL WITH FS-13 SNAP-IN FILLER STRIPS
- 1-1/4" MIN.
- 1/8" MIN.
- 1-3/4"
- FIXED DOOR STOP
- PARTIAL SECTION

**MAGNETIC CONTACT**  
(DOOR POSITION SWITCH)

- METAL SHIMS AS REQUIRED
- C-7500 CEILING CHANNEL FOR 1/2" GLASS
- 1/8" MIN.
- 3/4" MIN.
- 1/2" GLASS  
  5/8" OR 3/4" GLASS

**NOTE:**  
RAILS CAN BE ADAPTED FOR VARIOUS TYPES OF ELECTRIC DEADBOLTS, ELECTROMAGNETIC LOCKS. CONTACT BLUMCRAFT WITH MODEL NUMBER OF SELECTED ELECTROMAGNETIC LOCK TO INSURE COMPATIBILITY.
A COMPARISON:
SERIES 1301 AND SERIES 640C DOORS

While the 640C series door has many quality features, as an alternate Blumcraft suggests using the Series 1301 door with less metal and more glass which eliminates the cumbersome rails. This distinctive feature is the main characteristic that separates the two. With the top and bottom rails being only 3/4” high, the 1301 series door achieves the ultimate in architectural beauty and design.

These doors are versatile, as they can be adapted for Dorma BTS-80 or Jackson 900 floor closers, adjustable pivots, and door position switches. With slight modifications to the top rail, Series 1301 doors are also adaptable to center-pivoted overhead closers, standard walking beam top pivots, electromagnetic and electromechanical locks.

With the Series 1301’s low profile, the need for tall bottom rails that are required to comply with A.D.A. is no longer necessary. Doors and matching sidelights are available in 1/2”, 5/8” or 3/4” tempered glass. All Blumcraft tubular and panic hardware can be installed on Series 1301 doors.

The 640C series door certainly has its own distinctive look but has some disadvantages. In certain situations some building codes and usage may indicate that the bottom lock shown is not in compliance with the Americans with Disabilities Act since it is out of reach of the handicapped. Another is that the projection of the bottom rail from the face of the glass can interfere with a wheelchair. Details of the 640C door can be found on page D14.
OVERHEAD CLOSER DETAILS
ALL BLUMCRAFT DOOR HARDWARE APPLICABLE TO DOOR SERIES 1301
BLUMCRAFT RECOMMENDS THE USE OF FLOOR CLOSERS FOR TEMPERED GLASS DOORS

AUTOMATIC OPERATOR
SERIES 1301 DOORS CAN BE MODIFIED AND ADAPTED FOR A VARIETY OF OVERHEAD AUTOMATIC OR POWER ASSISTED OPERATORS. THE TOP RAIL IS SLIGHTLY INCREASED IN SIZE TO ACCOMMODATE THE DIRECT DRIVE SPINDLE OR AN EXPOSED ARM OF OPERATORS MANUFACTURED BY BESAM, HORTON, LCN, OR NORTON; OTHER OPERATORS ON REQUEST. TO INSURE COMPATIBILITY, CONTACT BLUMCRAFT WITH THE MODEL NUMBER. THE BOTTOM RAILS CAN REMAIN 3/4" HIGH OR MATCH THE TOP RAILS DEPENDING ON THE ARCHITECT’S PREFERENCE.
NOTE:
GLASS SIDELIGHTS WITH TOP & BOTTOM RAILS TO MATCH RAILS OF DOOR ARE FURNISHED COMPLETELY BY BLUMCRAFT

HEADERS

<table>
<thead>
<tr>
<th>PART NO.</th>
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* IF EXPOSED, CAN BE CLAD IN STAINLESS STEEL OR BRONZE

BASE CHANNELS

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<th>RB-500 OR EB-500</th>
<th>RB-750 OR EB-750</th>
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<td>*CLAD WIDTH</td>
<td>1-1/8&quot;</td>
<td>1-3/8&quot;</td>
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</tbody>
</table>

* IF EXPOSED, CAN BE CLAD IN STAINLESS STEEL OR BRONZE
Blumcraft has developed this transom system to give the entrance a clean glass look. The narrow horizontal member supporting the transom glass is suspended by thin stainless steel rods concealed in the joints between the transom glass and the sidelights. A highly reflective finish of the B-1250 transom bar will further minimize the presence of supporting members as it blends into the reflection of the glass. This transom system can accommodate a pair of doors or a single door flanked by sidelights. Connections are also available on one or both sides to structural jamb members or walls.

Note: Corner cutouts and holes in glass are eliminated, avoiding critical stress.

- Electric strikes can be used with transom in combination with Blumcraft Panic Devices and deadbolt housings. See pages D-30 and D-31.
- Transom bars can be mounted to walls or framing. Contact Blumcraft for details.

Windloads, stack action, ventilation loads, heavy usage and frequency of operation are factors that affect the following:
- Glass thickness
- Transom bar dimensions
- Necessity for fins
- Fin size

It is suggested that the architect's structural engineer review each entrance considering these factors.
ADVANTAGES:

A. Minimum exposed metal maintains an all glass entrance look.

B. Corner cutouts and hole fabrication of the glass are eliminated, thus avoiding critical stress points in both transom and sidelight glass.

C. The transom glass rests in the slot of the floating transom bar, assuring rigid installation of the transom glass.

D. The glass transom gains lateral support from adjacent sidelights without holes in the sidelight glass.

E. Doors are easily adjustable both laterally and vertically for better positioning in the opening.

Blumcraft’s floating transom system has been erected and thoroughly tested in Blumcraft’s own static load testing chamber. Glass applied strain gauges along with deflection gauges continuously monitored the glass during testing. The results are available to architects upon request. Architects should submit preliminary sketches and advise wind loads for exterior use.
Series 640 doors are available in 1/2", 5/8" or 3/4" thick tempered glass. Standard top and bottom rails are 3-3/8" high or 3-1/2" high (clad), but can be fabricated up to 12" high. Rails and stiles are furnished in aluminum, bronze, or stainless steel. These doors are adaptable to most overhead/floor closers, automatic operators, electric deadbolts, electromagnetic locks, and door position switches. Contact our sales department to insure compatibility. All Blumcraft panic devices, deadbolt housings and locks are applicable to Series 640.
**SERIES 250 DOORS** have full width top and bottom rails and very thin vertical stiles bonded to glass. They are available in aluminum, bronze, or stainless steel.

**SERIES 150 DOORS** like series 250 doors have full width top and bottom rails but have no vertical stiles. They are available in aluminum, bronze, or stainless steel.

Available in 1/2", 5/8" or 3/4" thick tempered glass

Series 250 Door shown with deadbolt housing DB-170-JS

Series 150 Door shown with panic device H-100D

All Blumcraft panic devices, deadbolt housings and locks are applicable to series 250 and series 150 doors

For exterior doors over 8'-6" preliminary drawing should be sent to Blumcraft for review.
SERIES 1200 Doors are designed to use 1/2" thick tempered glass up to 12'-0" high. These tall doors are controlled by standard floor closers. The weight of the door is borne by a heavy duty load bearing cement case independent of the floor closer. A variety of Blumcraft deadbolt and panic hardware is adaptable to Series 1200 doors.

SERIES 860 Doors are also designed to use 1/2" thick tempered glass, but only up to 8'-6" high. This smaller version of the Series 1200 features safety jamb protection and elimination of the top and bottom rails. Overhead and floor closers are options. All Blumcraft panic and deadbolt hardware is suitable for use with Series 860 doors.

1200 Doors with DB-140-KS deadbolt housings.
**PANIC DEVICE OPERATION**

Although the handle appears to be continuous, the operating portion of this device pivots at the “A” and “B” locations shown. A push on the panic handle any place between “A” and “B” operates the mechanism by slightly moving the handle over the actuator post, thus retracting the bolt. When the door closes, the bolt is self-latching. All panics include a built-in dogging device.

**MORTISE CYLINDER EQUIVALENTS**

(1-1/8” NOMINAL LENGTH)

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<td>5</td>
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<td>1664</td>
<td>1EC4</td>
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<td>1000-118</td>
<td>A02</td>
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*Standard with Blumcraft Panic Devices and Deadbolt Housings*

Removable core cylinders and thumbturns are applicable with the straight cam shown. Cylinder collars for Blumcraft hardware will vary with the cylinder lengths longer than 1-1/8”.

**DOOR SWINGS DIAGRAM**

**PANIC DEVICES, DEADBOLT HOUSINGS AND DUMMY HANDLES ARE AVAILABLE IN STAINLESS STEEL OR ARCHITECTURAL BRONZE**

**ALL BLUMCRAFT HARDWARE IS APPLICABLE TO MOST TYPES OF DOORS INCLUDING:**

- TEMPERED GLASS
- WOOD
- MEDIUM/WIDE STILE AND RAIL
- BALANCED
- HOLLOW METAL
H-100A PANIC DEVICE (SHOWN)
The top latchbolt is retracted by pushing the interior "L" shaped crash bar. A conveniently located built-in dogging device keeps the latchbolt in the retracted position and the crash bar becomes fixed. Exterior key cylinder for entry is optional. For electric strike applications see pages D30 and D31.

DB-100A DEADBOLT HOUSING (SHOWN)
The upper deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

DH-100A DUMMY HANDLE
This matches the H-100A panic device and the DB-100A deadbolt housing, but has no locking mechanism.

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.

FOR TEMPERED GLASS DOORS OVER 8'6" TALL, CONTACT BLUMCRAFT
H-100B PANIC DEVICE (SHOWN)
The top latchbolt is retracted by pushing the interior "L" shaped crash bar. A conveniently located built-in dogging device keeps the latchbolt in the retracted position and the crash bar becomes fixed. Exterior key cylinder for entry is optional. For electric strike applications see pages D30 and D31.

DB-100B DEADBOLT HOUSING (SHOWN)
The upper deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

DH-100B DUMMY HANDLE
This matches the H-100B panic device and the DB-100B deadbolt housing, but has no locking mechanism.

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.

FOR TEMPERED GLASS DOORS OVER 8‘6” TALL, CONTACT BLUMCRAFT

HARDWARE IS FABRICATED FROM 1-1/4” DIAMETER STAINLESS STEEL OR ARCHITECTURAL BRONZE TUBING IN SATIN OR HIGHLY POLISHED FINISHES. STATUARY BRONZE AND POWDER COATED FINISHES ALSO AVAILABLE.

INTERIOR OPERATING PANIC DEVICE H-100 OR FIXED DEADBOLT HOUSING DB-100

EXTERIOR FIXED PULL HANDLE STYLE "B"
H-100C PANIC DEVICE (SHOWN)
The top latchbolt is retracted by pushing the interior “L” shaped crash bar. A conveniently located built-in dogging device keeps the latchbolt in the retracted position and the crash bar becomes fixed. Exterior key cylinder for entry is optional. For electric strike applications see pages D30 and D31.

DB-100C DEADBOLT HOUSING (SHOWN)
The upper deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

DH-100C DUMMY HANDLE
This matches the H-100C panic device and the DB-100C deadbolt housing, but has no locking mechanism.

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.

INTERIOR OPERATING PANIC
DEVICE H-100 OR FIXED
DEADBOLT HOUSING DB-100

EXTERIOR FIXED PULL
HANDLE STYLE "C"

FOR TEMPERED GLASS
DOORS OVER 8’6” TALL,
CONTACT BLUMCRAFT

HARDWARE IS FABRICATED FROM 1-1/4” DIAMETER STAINLESS STEEL OR ARCHITECTURAL BRONZE TUBING IN SATIN OR HIGHLY POLISHED FINISHES. STATUARY BRONZE AND POWDER COATED FINISHES ALSO AVAILABLE
H-100D PANIC DEVICE (SHOWN)
The top latchbolt is retracted by pushing the interior "L" shaped crash bar. A conveniently located built-in dogging device keeps the latchbolt in the retracted position and the crash bar becomes fixed. Exterior key cylinder for entry is optional. For electric strike applications see pages D30 and D31.

DB-100D DEADBOLT HOUSING (SHOWN)
The upper deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

DH-100D DUMMY HANDLE
This matches the H-100D panic device and the DB-100D deadbolt housing, but has no locking mechanism.

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.

FOR TEMPERED GLASS DOORS OVER 9'6" TALL, CONTACT BLUMCRAFT
H-100F PANIC DEVICE (SHOWN)
The top latchbolt is retracted by pushing the interior "L" shaped crash bar. A conveniently located built-in dogging device keeps the latchbolt in the retracted position and the crash bar becomes fixed. Exterior key cylinder for entry is optional. For electric strike applications see pages D30 and D31.

DB-100F DEADBOLT HOUSING (SHOWN)
The upper deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

DH-100F DUMMY HANDLE
This matches the H-100F panic device and the DB-100F deadbolt housing, but has no locking mechanism.

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.

EXTERIOR FIXED PULL HANDLES STYLE "F" WITH H-100 PANIC DEVICES MAY NOW BE USED ON 1/2" TEMPERED GLASS DOORS UP TO 9'-0" TALL. CRASH BAR MUST BE 42" FROM BOTTOM OF DOOR. STYLE "F" HANDLE MAY BE FULL HEIGHT OR 10" SHORT OF DOOR BOTTOM.

HARDWARE IS FABRICATED FROM 1-1/4" DIAMETER STAINLESS STEEL OR ARCHITECTURAL BRONZE TUBING IN SATIN OR HIGHLY POLISHED FINISHES. STATUARY BRONZE AND POWDER COATED FINISHES ALSO AVAILABLE.
H-110A PANIC DEVICE (SHOWN)
The bottom latchbolt is retracted by pushing the interior inverted “L” shaped crash bar. A conveniently located built-in dogging device keeps the latchbolt in the retracted position and the crash bar becomes fixed. Exterior key cylinder for entry is optional. Threshold is recommended. See pages D30 and D31.

DB-110A DEADBOLT HOUSING (SHOWN)
The lower deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

DH-110A DUMMY HANDLE
This matches the H-110A panic device and the DB-110A deadbolt housing, but has no locking mechanism.

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.
H-110B PANIC DEVICE (SHOWN)
The bottom latchbolt is retracted by pushing the interior inverted "L" shaped crash bar. A conveniently located built-in dogging device keeps the latchbolt in the retracted position and the crash bar becomes fixed. Exterior key cylinder for entry is optional. Threshold is recommended. See pages D30 and D31.

DB-110B DEADBOLT HOUSING (SHOWN)
The lower deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

DH-110B DUMMY HANDLE
This matches the H-110B panic device and the DB-110B deadbolt housing, but has no locking mechanism.
TUBULAR DOOR HARDWARE

INTERIOR DEADBOLT HOUSING DB-130

4-1/8"

HARDWARE IS FABRICATED FROM 1-1/4" DIAMETER STAINLESS STEEL OR ARCHITECTURAL BRONZE TUBING IN SATIN OR HIGHLY POLISHED FINISHES. STATUARY BRONZE AND POWDER COATED FINISHES ALSO AVAILABLE

DB-130F DEADBOLT HOUSING (SHOWN)

This versatile hardware can have top AND bottom bolts simultaneously operated by key cylinders on both sides or by interior thumbturn. Locking bolts also can be at TOP only or at BOTTOM only.

NEW DEVELOPMENT
Patent Pending

Blumcraft's top locking deadbolt hardware, DB-100, DB-130, DB-160, and DB-170 now has the capability of self-latching with key cylinders or thumbturns that spring-back when turned. This hardware is similar to the H-100 panic device except there is no crash bar for immediate exit. This new function allows entry or exit by key cylinders without the relocking requirement of previous models, i.e. the top bolt is always ready to re-latch into a standard strike or an electric strike. This hardware also incorporates a unique feature similar to a panic dogging device that can retract the top bolt and retain it, making the deadbolts ordinary push/pull handles. These deadbolts with the new feature are called DBL-100, DBL-130, DBL-160, and DBL-170 having the same look as the previous models. This hardware can be used in combination with Blumcraft exterior pull handles designated by letters. Local building codes should be reviewed for compliance. Contact Blumcraft for additional information.

DH-130F DUMMY HANDLE (SHOWN)

This matches the DB-130F deadbolt housing but has no locking mechanism.

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.

DB-130F DEADBOLT HOUSINGS ARE AVAILABLE 10" SHORT OF THE DOOR BOTTOM WITH A TOP BOLT ONLY
TUBULAR DOOR HARDWARE

HARDWARE IS FABRICATED FROM 1-1/4" DIAMETER STAINLESS STEEL OR ARCHITECTURAL BRONZE TUBING IN SATIN OR HIGHLY POLISHED FINISHES. STATUARY BRONZE AND POWDER COATED FINISHES ALSO AVAILABLE

DEADBOLT HOUSINGS
DB-140-K-S AND DB-150-P
MATCHING DUMMY HANDLES
DH-140-K-S AND DH-150-P
WITHOUT LOCKING MECHANISMS

DEADBOLT HOUSINGS
DB-160-H AND DB-170-J-S
MATCHING DUMMY HANDLES
DH-160-H AND DH-170-J-S
WITHOUT LOCKING MECHANISMS

ALL DEADBOLT HOUSINGS ARE OPERATED BY KEY CYLINDERS ON BOTH SIDES OR WITH AN INTERIOR THUMBTURN

NOTE: See pages D28 and D29 for complete visual illustrations of all INTERIOR and EXTERIOR hardware.
**PANIC DEVICES**
 WITH OPERATING HANDLES ON INTERIOR SIDE OF DOOR

**DEADBOLT LOCK HOUSINGS**
 WITH LOCKING MECHANISM ON INTERIOR SIDE OF DOOR

**MAXIMUM DOOR HEIGHTS FOR H-100 ONLY**
With Crash Bar at 42" High

<table>
<thead>
<tr>
<th>DOOR HEIGHT</th>
<th>GLASS THICKNESS</th>
<th>EXTERIOR HANDLES APPLICABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'-6&quot;</td>
<td>1/2&quot;</td>
<td>All</td>
</tr>
<tr>
<td>9'-0&quot;</td>
<td>1/2&quot;</td>
<td>&quot;F&quot; Full Height</td>
</tr>
<tr>
<td>9'-0&quot;</td>
<td>1/2&quot;</td>
<td>&quot;F&quot; 10&quot; Short of Door Bottom</td>
</tr>
<tr>
<td>9'-0&quot;</td>
<td>3/4&quot;</td>
<td>All</td>
</tr>
</tbody>
</table>

PANIC DEVICES, DEADBOLT HOUSINGS AND DUMMY HANDLES AVAILABLE IN STAINLESS STEEL OR ARCHITECTURAL BRONZE

**DBL DEADBOLT HARDWARE**
 WITH LATCHING MECHANISM ON INTERIOR SIDE OF DOOR

FOR COMPLETE DESCRIPTION SEE PAGE D26

**DUDDY HANDLES**
 WITH NO LOCKING MECHANISM ON INTERIOR SIDE OF DOOR

MAXIMUM DOOR HEIGHTS FOR H-100 ONLY
With Crash Bar at 42" High

<table>
<thead>
<tr>
<th>DOOR HEIGHT</th>
<th>GLASS THICKNESS</th>
<th>EXTERIOR HANDLES APPLICABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'-6&quot;</td>
<td>1/2&quot;</td>
<td>All</td>
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<tr>
<td>9'-0&quot;</td>
<td>1/2&quot;</td>
<td>&quot;F&quot; Full Height</td>
</tr>
<tr>
<td>9'-0&quot;</td>
<td>1/2&quot;</td>
<td>&quot;F&quot; 10&quot; Short of Door Bottom</td>
</tr>
<tr>
<td>9'-0&quot;</td>
<td>3/4&quot;</td>
<td>All</td>
</tr>
</tbody>
</table>

DEADBOLT DBL-100 DEADBOLT DBL-110 DEADBOLT DBL-130 DEADBOLT DBL-140 DEADBOLT DBL-150 DEADBOLT DBL-160 DEADBOLT DBL-170 DUMMY DH-100 DUMMY DH-110 DUMMY DH-130 DUMMY DH-140 DUMMY DH-150 DUMMY DH-160 DUMMY DH-170
The **EXTERIOR** push/pull handles on this page can be used with any **INTERIOR** panic device, deadbolt housing, or dummy handle shown on page D28. With over 140 combinations available, the architect can select from a wide variety of options.

Push/pull handles available in stainless steel or architectural bronze.

### How to Specify the Interior AND Exterior Hardware Combination

1. **Interior Operating Handle**
   
   (Select Prefix)

   - **H** = Panic
   - **DH** = Dummy
   - **DB** = Deadbolt
   - **DBL** = Latching

   * Applicable only with 100 and 110
   ** Applicable only with 100, 130, 160, and 170

2. **Interior Operating Handle Style**
   
   (Select One)

<table>
<thead>
<tr>
<th>100</th>
<th>110</th>
<th>130</th>
<th>140</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>160</td>
<td>170</td>
<td></td>
</tr>
</tbody>
</table>

3. **Exterior Push/Pull Handle**
   
   (Select One)

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>F</td>
<td>H</td>
<td>J</td>
</tr>
<tr>
<td>J-S</td>
<td>K</td>
<td>K-S</td>
<td>N</td>
</tr>
<tr>
<td>P</td>
<td>X</td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>

Combine the three selections.

**Example:** H - 100 - A

---

**Diagram:**
- Handle A
- Handle B
- Handle C
- Handle D
- Handle E
- Handle F
- Handle G
- Handle H
- Handle J
- Handle J-S
- Handle K
- Handle K-S
- Handle N
- Handle P
- Handle X
- Handle Y
H-100 PANIC DEVICE APPLICATIONS

DOOR STOP/STRIKES FOR H-100 PANIC DEVICES

NOTE: SH-100 SWITCH HOUSINGS, WHILE SIMILAR IN APPEARANCE TO H-100 PANIC DEVICES, HAVE A SWITCHING FUNCTION THAT ONLY OPERATES INDEPENDENT ELECTRIC LOCKS. THESE ELECTRIC LOCKS CAN BE ELECTROMAGNETIC, DROP BOLTS, OR SHEAR LOCKS. CONTACT BLUMCRAFT WITH MODEL NUMBER OF SELECTED LOCK TO INSURE COMPATIBILITY.

DOOR STOP/STRIKES FOR DEADBOLT HOUSINGS ARE SIMILAR TO THE ABOVE, EXCEPT THAT THEY HAVE NO PANIC BOLT RAMP. MOUNTING HOLES ARE IDENTICAL.

ELECTRIC STRIKE APPLICATIONS

THE ES-100-D DOOR STOP/MOUNTING BAR IS ALSO AVAILABLE WITH AN ELECTRIC STRIKE ON ONLY ONE SIDE.
TYPICAL DOOR STOP AND ELECTRIC STRIKE CONDITION
FOR FLOATING TRANSOM BAR

SH-100 SWITCH HOUSING
(TO ACTUATE ELECTRIC LOCK)

HARDWARE APPLICATIONS

TYPICAL DETAIL
AS INDICATED ON PAGE D30.

NOTE: RAILS CAN BE ADAPTED FOR VARIOUS TYPES OF
ELECTROMAGNETIC LOCKS OR ELECTRIC DEADBOLTS,
CONTACT BLUMCRAFT WITH MODEL NUMBER OF
SELECTED LOCK TO INSURE COMPATIBILITY.

DEADBOLT HOUSING
APPLICATIONS

STRIKES FOR H-110 PANIC DEVICES

THRESHOLD RAMP STRIKE
S-110-T

FLOOR MOUNTED RAMP STRIKE
S-110-F

RECESSED FLOOR STRIKE
(DEADBOLT HOUSING ONLY)
S-110-R

CAUTION: THRESHOLD RAMP STRIKE IS RECOMMENDED. FLOOR MOUNTED RAMP STRIKE COULD BE A TRIPPING HAZARD
All handles shown on pages 32 and 33 can be adapted to glass, wood or metal doors and are available in the following materials and finishes:

Aluminum — satin clear anodized and dark bronze or black duranodic.
Solid Bronze — satin or high buff lustre
Stainless Steel — satin or high buff lustre

P-722 Full Height Push-Pull Handle
Both Sides of Door

Wood — walnut or oak as standard — also available in other wood species.
**CENTER HOUSING INFORMATION AND SPECIFICATIONS**

CH-800 center lock housings are designed to receive mortise latchlocks, mortise deadbolts, or combination latchlock/deadbolts manufactured by Russwin/Corbin, Schlage, Sargent or Best. (Others upon request).

Mortise locks come in a variety of functions such as "classroom," "entrance", "office," "apartment" and others. These locks can be operated by levers, cylinders, or thumbturns. A hold-back feature is optional. Pull handles are available.

To specify center housings, choose a lock manufacturer, lock function, lever or pull handle, finish, and whether electric strikes are required.

CH-800 and CH-802 strike housings are prepared to accept the specified latchbolt or deadbolt. Strike housings can receive Folger Adam 310-1 electric strikes. A raceway connects the center housing and door or sidelight rail to carry wiring to a control station or card reader.

CH-801 full width strike housings are similar to CH-800 and CH-802 but are only mounted to sidelights. These housings internally carry wiring to a control station or card reader for electric strike applications, eliminating the need for vertical raceways.

CH-850 center housings are available with #7385-L deadlocks only. CH-851 center strike housings are available to match the lock housing.

**Caution:**

If center lock and strike housings are applied to a pair of doors, the one door becomes active. For security, the inactive door must be deadlocked. It is suggested that the doors be independently operated. Use of the panic and deadbolt hardware shown on the previous pages provides this convenience. Also, the same hardware has Underwriters Laboratories approval and is in compliance with the American with Disabilities Act (ADA).

**FINISHES**

Aluminum Clear Anodized, Satin or High Buff Luster, Medium or Dark Bronze Duranodic and Black Duranodic (satin finish only).

Bronze 60/40 Satin US10, Polished US9, Statuary US10B.

NOTE: Furnished not lacquered. Contact Blumcraft for suggested maintenance.

Stainless Steel Satin US32D, Polished US32

Mortise locks are generally supplied in satin or polished architectural bronze or stainless steel; statuary bronze is also available.

D34
THRU-GLASS LOCKS
3/4" THROW
1/2", 5/8" OR 3/4" TEMPERED GLASS
AVAILABLE IN STAINLESS STEEL, BRONZE OR ALUMINUM IN A VARIETY OF FINISHES

1351 CENTER HOUSING DEADBOLT LOCK
1352 STRIKE HOUSING

1350 CORNER LOCK

RAIL DEAD LOCKS

THIS BLUMCRAFT DEADLOCK HAS A 5/8" DIAMETER DROP BOLT WITH A 3/4" THROW THAT CAN ENGAGE INTO A STRIKE PLATE, THRESHOLD, OR QUIET-PROOF STRIKE. THE 7385 LOCK CAN BE MOUNTED IN THE BLUMCRAFT 640C DOOR AND MOST TEMPERED GLASS DOORS. STANDARD MORTISE KEY CYLINDERS ARE HELD IN POSITION WITH SET SCREWS THAT ARE ACCESSIBLE FROM THE END OF THE DOOR RAIL.

7385

THIS DEAD LOCK IS THE SAME AS THE STANDARD 7385 EXCEPT THAT IT HAS A FULL 1-1/4" THROW. THE ADDITIONAL ENGAGEMENT CAN ACCOMMODATE CLEARANCES UP TO 11/16" OR SPECIAL FLOOR CONDITIONS.

7385 L

THIS BLUMCRAFT DEADLOCK HAS A CYLINDRICALLY SHAPED BOLT THAT ROLLS RATHER THAN SLIDES. ROLLING REDUCES THE CONTACT AREA SURROUNDING THE BOLT AND THE POSSIBILITY OF FREEZING IN AN OPEN OR CLOSED POSITION. WHEN LOCKED, THE BOLT BECOMES VERY DIFFICULT TO DAMAGE BECAUSE IT REVOLVES ON ITS OWN AXIS. BALL BEARINGS SMOOTH OUT THE OPERATION OF ALL STAINLESS STEEL MOVING PARTS. SIX PIN MORTISE CYLINDERS ARE STANDARD AND CAN BE KEYED ALIKE OR KEYED SEPARATELY.

7350 ROLLING LOCK
SERIES 1301 DOORS

SERIES 1301 DOORS ARE AVAILABLE IN 1/2”, 5/8”, AND 3/4” TEMPERED GLASS. THE TOP AND BOTTOM RAILS ARE FURNISHED IN 3/4” HIGH SOLID ARCHITECTURAL BRONZE OR STAINLESS STEEL TO BE USED WITH BLUMCRAFT CEILING CHANNELS OR TRANSOM BARS WHERE THE TOP PIVOT RECEPTACLES ARE RECESSED AND ADJUSTABLE. SPECIAL REMOVABLE SPINDLE FITS DORMA BTS-80 FLOOR CLOSERS. WHEN OVERHEAD CLOSERS ARE USED, A CIRCULAR ADAPTER FITS THE CLOSER PINTEL. RECESSED BOTTOM PIVOT IS BP-13.

IMPORTANT: THE SERIES 1301 TOP AND BOTTOM RAILS CAN VARY IN SIZE TO ACCOMMODATE ELECTRO-MAGNETIC LOCKS, ELECTRIC DROP BOLTS, AUTOMATIC OPERATORS, OVERHEAD CLOSERS, WALKING BEAM TOP PIVOTS, AND TO ALIGN WITH ADJACENT MATERIALS. CONTACT FACTORY FOR DETAILS.

FINISHES FOR SERIES 1301 DOORS

STAINLESS STEEL: SATIN US32D, POLISHED US32, POWDER COAT
BRONZE: SATIN US10, POLISHED US19, STATUARY US10B
ALUMINUM: NOT AVAILABLE

FLOOR/OVERHEAD CLOSERS FOR SERIES 1301 DOORS

DORMA BTS-75V FLOOR CLOSERS
DORMA BTS-80 FLOOR CLOSERS
JACKSON 900 FLOOR CLOSERS
DORMA RTS-80 OVERHEAD CLOSERS

WEATHERSTRIPPING

PILE WEATHERSTRIPPING CAN BE APPLIED TO EDGES OF GLASS. IT IS REPLACEABLE WITHOUT REMOVING DOORS FROM THEIR OPENINGS.

SIDELIGHTS

SIDELIGHTS TYPICALLY HAVE TOP/BOTTOM RAILS TO MATCH THE DOORS, BUT A VARIETY OF OPTIONS ARE ALSO AVAILABLE. THEY CAN BE RECESSED INTO CEILING OR BASE CHANNELS FOR AN ALL GLASS LOOK AND ARE GENERALLY FURNISHED COMPLETELY BY BLUMCRAFT.

OTHER DOOR SERIES

SERIES 250 DOORS

HORIZONTAL TOP AND BOTTOM RAILS ARE FURNISHED IN SOLID ALUMINUM SECTIONS 1-1/4” THICK FOR 1/2” GLASS. FOR 5/8” AND 3/4” GLASS, THE RAILS ARE 1-1/2” THICK. VERTICAL STILES MUST BE THE EXACT SHAPE AND SIZE TO MATCH THE RAILS. THESE STILES ARE BONDED TO THE GLASS IN BLUMCRAFT’S FACTORY AND MAY HAVE PILE WEATHERSTRIPPING APPLIED. HOLLOW SHAPES OR CHANNEL SECTIONS WILL NOT BE ACCEPTABLE. THESE RAILS CONTAIN ADJUSTABLE TOP AND BOTTOM PIVOT BLOCKS WITH ADAPTERS TO FIT OPERATING FLOOR CHECKS SPECIFIED. THESE BLOCKS ARE TO BE SOLID AND BUILT TO THE DIMENSIONS AS DETAILED. THE PIVOT BLOCKS HAVE ADJUSTABLE FEATURES FOR ALIGNMENT OF DOOR AND HAVE REMOVABLE COVER PLATES TO HIDE ADJUSTMENT SCREWS. WHEN OVERHEAD CLOSERS ARE USED, THE PIVOT BLOCK CONTAINS A HEAVY DUTY TAPERED ROLLER BEARING WHICH IS ADJUSTABLE IN HEIGHT. THE UPPER PIVOT BLOCK CONTAINS AN ADJUSTABLE PIVOT ARM TO FIT THE PINTEL OF THE SPECIFIED OVERHEAD CLOSER. SERIES 250 DOORS CAN ACCEPT #7350 RAIL LOCKS.

SERIES 640 DOORS

THE SERIES 640C, 640CH, 640S, AND 640SH DOORS ARE AVAILABLE IN 1/2”, 5/8”, OR 3/4” TEMPERED GLASS. STANDARD TOP AND BOTTOM RAILS ARE 3-3/8” HIGH OR 3-1/2” HIGH WHEN CLAD, BUT CAN BE FABRICATED UP TO 12” HIGH. RAILS AND STILES (640S AND 640SH) ARE FURNISHED IN ALUMINUM, BRONZE, OR STAINLESS STEEL AND CAN ACCEPT #7385 RAIL LOCKS. THESE DOORS ARE ADAPTABLE TO MOST OVERHEAD/FLOOR CLOSERS, AUTOMATIC OPERATORS, ELECTRIC DROP BOLTS, ELECTROMAGNETIC LOCKS, AND DOOR POSITION SWITCHES.

SERIES 860 DOORS

A SMALLER VERSION OF THE SERIES 1200 DOOR, THE SERIES 860 DOOR IS ALSO DESIGNED TO USE 1/2” TEMPERED GLASS, BUT ONLY UP TO 8’-6” HIGH. THE DOOR FEATURES SAFETY JAMB PROTECTION AND ELIMINATION OF THE TOP AND BOTTOM RAILS.

GUIDELINES

EXTERIOR USE 8’-0” HIGH FOR 1/2” THICK GLASS
8’-6” HIGH FOR 5/8” OR 3/4” THICK GLASS
INTERIOR USE 8’-6” HIGH FOR 1/2” THICK GLASS
9’-0” HIGH FOR 5/8” OR 3/4” THICK GLASS

SINCE INCREASED SIZES MAKE THE DOORS HEAVIER AND MORE FLEXIBLE, CONSIDER THE FOLLOWING:

• WINDLOAD, STACK ACTION, AND VENTILATION LOADS
• PANIC DEVICE AND DEADBOLT HOUSING LIMITATIONS
• MOUNTING CONDITIONS OF DOORS TO BUILDING STRUCTURE
• FLOOR CLOSER OR OVERHEAD CLOSER CHARACTERISTICS
• HEAVY USAGE AND FREQUENCY OF OPERATION
• COMFORTABLE FEEL OF THE DOOR DURING OPERATION

FINAL DETERMINATION SHOULD BE MADE BY THE ARCHITECT’S STRUCTURAL ENGINEER

SPECIFICATIONS

1/2” THICK FULLY TEMPERED GLASS IS AVAILABLE IN CLEAR, SOLARBRONZE, SOLARGRAY, STARPHIRE LOW-IRON, SATIN ETCH, AND SATIN ETCH/LOW IRON.
5/8” AND 3/4” GLASS AVAILABLE IN CLEAR AND STARPHIRE LOW-IRON ONLY.
FINISHES FOR SERIES 250, 640, AND 860 DOORS
ALUMINUM: SATIN CLEAR ANODIZED, MEDIUM OR DARK BRONZE DURANODIC AND BLACK DURANODIC, PAINTED AND POWDER COATED FINISHES AVAILABLE UPON REQUEST.
BRONZE 60/40: SATIN US10, POLISHED US9, STATUARY US10B.
NOTE: FURNISHED NOT LACQUERED. CONTACT BLUMCRAFT FOR SUGGESTED MAINTENANCE.

FLOOR CLOSERS FOR SERIES 250, 640, AND 860 DOORS
BLUMCRAFT DOES NOT RECOMMEND OVERHEAD CLOSERS FOR GENERAL EXTERIOR USE OR FOR LARGE DOORS OR DOORS MADE OF EXCESSIVELY HEAVY GLASS OR HARDWARE. SELECTION OF CLOSERS SHOULD BE DETERMINED BY THE ARCHITECT AND THE HARDWARE CONSULTANT.
RIXSON: 608, 700, 800
DORMA: RTS-88
JACKSON: 20-330

SERIES 1200 DOORS
SERIES 1200 DOORS ARE DESIGNED TO USE 1/2" THICK TEMPERED GLASS UP TO 12'-0" HIGH. THESE TALL DOORS ARE CONTROLLED BY SERIES 1200 DOORS ARE DESIGNED TO USE 1/2" THICK TEMPERED FLOATING TRANSOM BARS LOOK AND ARE GENERALLY FURNISHED COMPLETELY BY BLUMCRAFT.

WEATHERSTRIPPING
PILE WEATHERSTRIPPING CAN BE APPLIED TO EDGES OF GLASS OR IN SERIES 250 AND 640 SERIES 640 IN 640HS VERTICAL STILES. IT IS REPLACEABLE WITHOUT REMOVING DOORS FROM THEIR OPENINGS.

SIDELIGHTS
SIDELIGHTS TYPICALLY HAVE TOP/BOTTOM RAILS TO MATCH THE DOORS, BUT A VARIETY OF OPTIONS ARE ALSO AVAILABLE. THEY CAN BE RECESSED INTO CEILING OR BASE CHANNELS FOR AN ALL GLASS LOOK AND ARE GENERALLY FURNISHED COMPLETELY BY BLUMCRAFT.

FLOATING TRANSOM BARS
THE B-1250 FLOATING TRANSOM BARS ARE MADE OF SOLID STEEL AND CLAD TO MATCH THE SPECIFIED FINISH. THEY HAVE BOTH VERTICAL AND LATERAL ADJUSTMENTS. INSTALLATION IS ACCOMPLISHED BY STAINLESS STEEL SUPPORT RODS HANGING FROM CEILING CHANNELS AND PRESSURE PADS TO THE SIDELIGHT GLASS. ELECTRIC STRIKES CAN BE USED WITH TRANSOM BARS IN COMBINATION WITH BLUMCRAFT PANIC DEVICES OR DEADBOLT HOUSINGS. TRANSOM BARS CAN BE MOUNTED TO WALLS OR FRAMING.

AUTOMATIC OPERATORS
SERIES 250 AND SERIES 640 DOORS ARE READILY ADAPTABLE TO MOST OVERHEAD AUTOMATIC OR POWER ASSISTED OPERATORS SUCH AS BESSAM, HORTON, LCN, OR NORTON. SERIES 1201 DOORS ARE ADAPTABLE TO THESE SAME OPERATORS WITH MODIFICATIONS TO THE TOP RAILS. SERIES 640 DOORS ARE ALSO ADAPTABLE TO TORMAX FLOOR AUTOMATIC OPERATORS. TO INSURE COMPATIBILITY, CONTACT BLUMCRAFT.

TUBULAR HARDWARE
PANIC DEVICES
PANIC DEVICES H-100 OR H-110 WITH INTERIOR OPERATING PANIC HANDLES CAN BE USED IN COMBINATION WITH EXTERIOR FIXED PULL HANDLES DESIGNATED BY LETTERS. THE PANIC MECHANISM IS CONCEALED WITHIN THE 1-1/4" DIAMETER ARCHITECTURAL BRONZE OR STAINLESS STEEL TUBING. ENTRANCE FROM EXTERIOR BY KEY CYLINDER IS OPTIONAL.

ELECTRIC STRIKES
ELECTRIC STRIKES ARE FOLGER ADAM 310-L WITH 3/4" STRAIGHT KEEPERS WITHOUT SIGNAL SWITCHES USING H-100 PANIC DEVICES. THEY ARE MOUNTED IN THE HEADER OR TRANSOM BAR.

DEADBOLT HOUSINGS
DEADBOLT HOUSINGS DB-100, DB-110, DB-130, DB-140, DB-150, DB-160, OR DB-170 WITH INTERIOR FIXED HANDLES CAN BE USED IN COMBINATION WITH ANY OF THE FIXED EXTERIOR PULL HANDLES DESIGNATED BY LETTERS. THE OPERATING MECHANISM IS CONCEALED WITHIN THE 1-1/4" DIAMETER ARCHITECTURAL BRONZE OR STAINLESS STEEL TUBING. THERE IS A KEYED CYLINDER ON BOTH SIDES OR A THUMBTURN ON THE INTERIOR SIDE WHERE INDICATED. THE LOCKING MECHANISM IS ON THE INTERIOR SIDE OF THE DOOR.

DEADBOLT HOUSINGS (SELF-LATCHING)
DEADBOLT HOUSINGS DB-1-100, DB-130, DB-160 OR DB-170 WITH INTERIOR FIXED HANDLES CAN BE USED IN COMBINATION WITH ANY OF THE FIXED EXTERIOR PULL HANDLES DESIGNATED BY LETTERS. THIS NEW SELF-LATCHING FUNCTION IS FULLY DESCRIBED ON PAGE D26.

DUMMY HANDLES
DUMMY HANDLES DH-100, DH-110, DH-130, DH-140, DH-150, DH-160, OR DH-170 WITH INTERIOR FIXED HANDLES CAN BE USED IN COMBINATION WITH ANY OF THE FIXED EXTERIOR PULL HANDLES DESIGNATED BY LETTERS. THIS HARDWARE MATCHES THE PANIC OR DEADBOLT HARDWARE BUT HAS NO LOCKING MECHANISM.

CONSTRUCTION AND TESTING
DOORS ARE COMPLETELY BUILT WITH TOP/BOTTOM RAILS AND VERTICAL STILES BONDED TO GLASS. PUSH/PULL HANDLES ARE MOUNTED TO DOORS. TUBULAR PANIC DEVICE, DEADBOLT HOUSING, AND DUMMY HANDLE HARDWARE IS ALWAYS MOUNTED TO DOORS. THIS ASSEMBLY MUST BE DONE IN BLUMCRAFT’S FACTORY UNDER CONTROLLED CONDITIONS. EACH DOOR IS THEN PHYSICALLY TESTED IN OUR FACTORY FOR ALL OPERATING FUNCTIONS AND MADE READY FOR INSTALLATION.

INSTALLATION
INSTALLATION IS MADE IN ACCORDANCE WITH MANUFACTURER’S RECOMMENDATIONS. DOOR FRAMING, JAMBS, AND THRESHOLDS MUST BE SQUARE AND PLUMB. CLEARANCES BETWEEN THE DOORS, HEADER, JAMBS, AND THRESHOLD MUST BE AS RECOMMENDED BY BLUMCRAFT. PIVOT BLOCKS AT TOP AND BOTTOM OF DOORS MUST BE PROPERLY ALIGNED BY INTERNAL ADJUSTMENTS BEFORE PLACING STRIKE PLATES IN FLOOR, THRESHOLD, AND HEADER. THE INSTALLATION CONTRACTOR IS FULLY RESPONSIBLE FOR PROPERLY ALIGNING AND SETTING THE DOORS AND THE SIDELIGHTS IN ACCORDANCE WITH BLUMCRAFT’S DETAILED INSTRUCTION SHEETS INCLUDED WITH EACH SHIPMENT.

PROTECTION
DURING THE INSTALLATION AND AFTER THE INSTALLATION IS COMPLETED, THE GENERAL CONTRACTOR IS FULLY RESPONSIBLE FOR PROVIDING ADEQUATE PROTECTION AGAINST ANY STAINS OR OTHER DAMAGE THAT MAY OCCUR DURING CONSTRUCTION.

SHOP DRAWINGS
BLUMCRAFT’S ENGINEERING STAFF WILL PREPARE ALL SHOP DRAWINGS.
FOR INFORMATION ON DISPLAY CASE DOORS, REFER TO BLUMCRAFT CATALOG D-2009, SEE SWEETS FILE 12 35 59/BLU, OR VISIT OUR WEBSITE AT www.blumcraft.com
FOR INFORMATION ON RAILINGS AND SMOKE BAFFLES REFER TO BLUMCRAFT CATALOG M-2009, SEE SWEETS FILE 05 73 00/BLU, OR VISIT OUR WEBSITE AT www.blumcraft.com
OVER 80,000 BLUMCRAFT INSTALLATIONS CAN BE FOUND IN SOME OF THE MOST PRESTIGIOUS BUILDINGS THROUGHOUT THE WORLD. THE FOLLOWING IS A PARTIAL LISTING OF NOTABLE PROJECTS WHERE BLUMCRAFT ENTRANCE DOORS AND HARDWARE HAVE BEEN INSTALLED.

LOUVRE
Paris, France

HARVARD UNIVERSITY
Cambridge, MA

MILWAUKEE ART MUSEUM
Milwaukee, WI

SUPREME COURT
Jerusalem, Israel

BLOOMBERG
New York, NY

165 CHARLES STREET
New York, NY

DELOITTE HEADQUARTERS
Chicago, IL

INSTITUTE FOR THE STUDY OF THE ANCIENT WORLD
New York, NY

MT. VERNON VISITOR’S CENTER
Mt. Vernon, NY

WOLFGANG PUCK-THE BORGATA NORTH
Atlantic City, NJ

CARLOW COLLEGE
Pittsburgh, PA

CANADIAN EMBASSY
Riyadh, Saudi Arabia

M.M. ROBERTS STADIUM
UNIVERSITY OF MISSISSIPPI
Hattiesburg, MS

MILWAUKEE ART MUSEUM
Milwaukee, WI

STONY BROOK UNIVERSITY HOSPITAL
Stony Brook, NY

PURDUE UNIVERSITY
West Lafayette, IN

RITZ CARLTON
New York, NY

JAMES GALLERY
Pittsburgh, PA

NEWSEUM
Washington, DC

NY JETS TRAINING FACILITY
Florham Park, NJ

NESTLE CULINARY INNOVATION CENTER
Solon, OH

MERCK
Rahway, NJ

BAYER CORPORATION
Pittsburgh, PA

PERFORMING ARTS
St. Louis, MO

YALE UNIVERSITY
New Haven, CT

DUPONT
Wilmingtom, DE

RADISSON WAIIKIKI PRINCE KUHIO HOTEL
Honolulu, HI

ASIAN ART MUSEUM
San Francisco, CA

METROPOLITAN MUSEUM OF ART
New York, NY

DEPARTMENT OF HOMELAND SECURITY
New York, NY

NELSON ATKINS MUSEUM
Kansas City, MO

NEW YORK HISTORICAL SOCIETY
New York, NY

NETFLIX
Los Gatos, CA

XEROX WORLD HEADQUARTERS
Stamford, CT

ROCHESTER INTERNATIONAL AIRPORT
Rochester, NY

CANARY WHARF
London, England

CALVIN KLEIN
Dubai, UAE

VANDERBILT MUSEUM
Centerpoint, NY

BLOOMINGDALE’S
New York, NY

IBM
Toronto, Ontario

BANK ONE HEADQUARTERS
Chicago, IL

NATIONAL BASEBALL HALL OF FAME
Cooperstown, NY

PFIZER
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