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HW-2010

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TUBULAR ARCHITECTURAL HARDWARE



OVER 80,000 INSTALLATIONS IN THE FINEST BUILDINGS
IN THE WORLD

*THIS CATALOG, SHOWING A VARIETY OF BLUMCRAFT PANIC, DEADBOLT,
AND PUSH/PULL HARDWARE IS PREPARED EXCLUSIVELY
FOR THE ARCHITECTURAL PROFESSION*

INTERIOR OPERATING
PANIC DEVICE H-100 IN COMBINATION
WITH EXTERIOR FIXED PULL HANDLE STYLE "F"

SEE DETAILS ON PAGE 3

3850 SOUTH WATER STREET, BUILDING SIX
PITTSBURGH, PA 15203-2375
TELEPHONE 412-681-2400 • FAX 412-681-6840

GENERAL INQUIRIES: info@blumcraft.com • ENGINEERING DEPARTMENT: eng@blumcraft.com

VISIT OUR WEBSITE AT: www.blumcraft.com



For **H-100-A, H-100-B, H-100-D** and **H-100-F** Panic Devices, 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 **DB-100-A, DB-100-B, DB-100-D** and **DB-100-F** Deadbolt Housings, the upper deadbolt is operated by key cylinders on both sides or with an interior thumbturn.

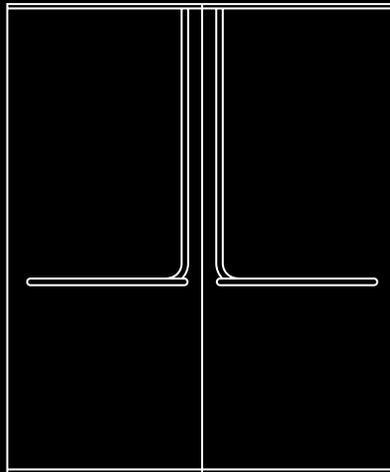
Dummy Handles **DH-100-A, DH-100-B, DH-100-D** and **DH-100-F** match the **H-100** Panic Devices and the **DB-100** Deadbolt Housings but have no locking mechanism.

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

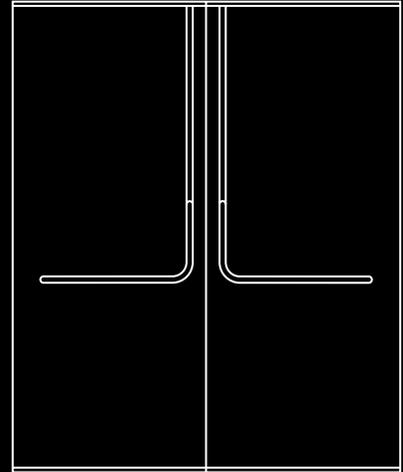
EXTERIOR FIXED PULL HANDLE STYLE "A"



- H-100-A PANIC DEVICE
- DB-100-A DEADBOLT HOUSING
- DH-100-A DUMMY HANDLE



- H-100-B PANIC DEVICE
- DB-100-B DEADBOLT HOUSING
- DH-100-B DUMMY HANDLE



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

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

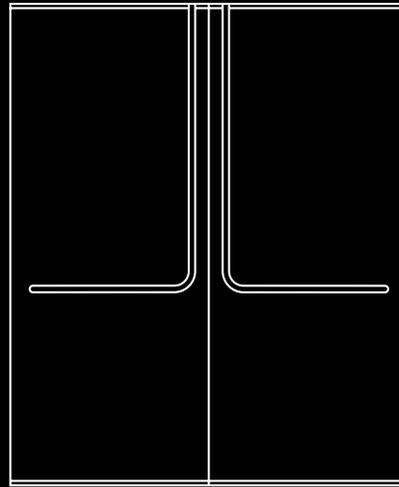
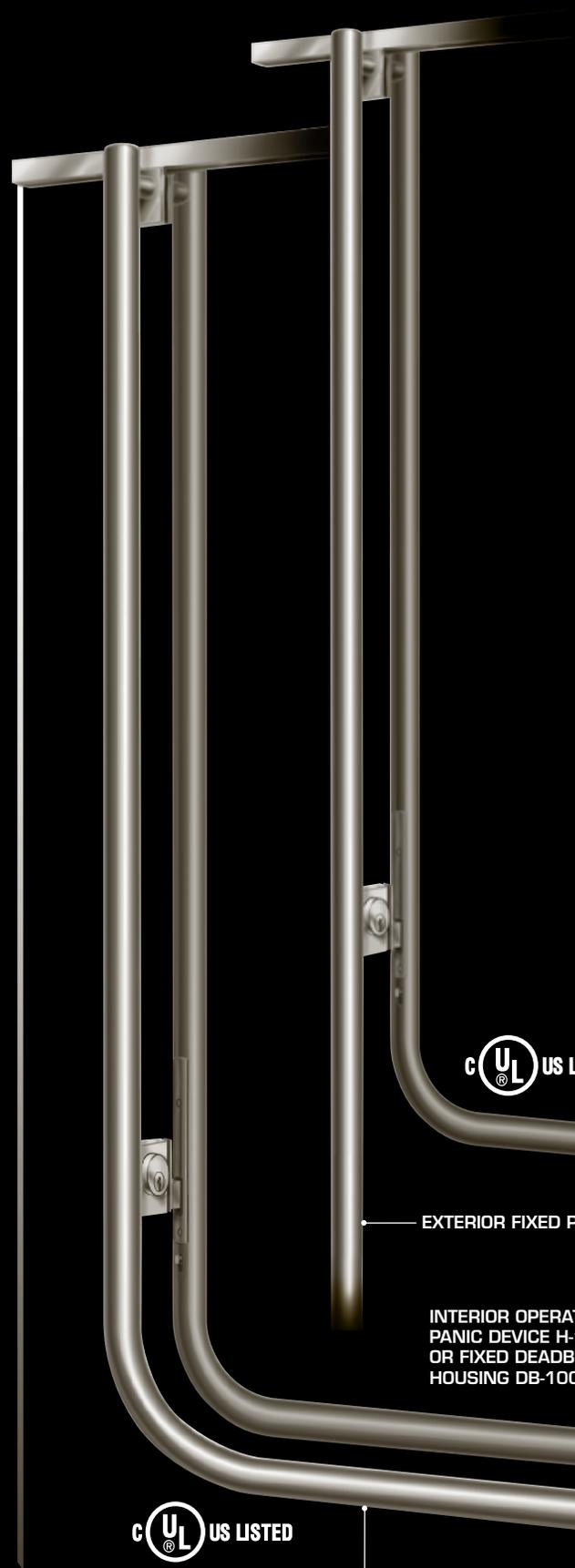
EXTERIOR FIXED PULL HANDLE STYLE "B"

HARDWARE APPLICATIONS

BLUMCRAFT H-100 PANIC DEVICES LATCH AT THE TOP OF DOORS, INTERFACING WITH DOORSTOP/STRIKES OR ELECTRIC STRIKES. THE S-100 DOORSTOP/STRIKES ARE SOLID STAINLESS STEEL OR BRONZE AND FABRICATED TO INSURE SMOOTH OPERATION. THE ES-100 MOUNTING BARS ARE MACHINED TO ACCEPT FOLGER-ADAM 310-1 ELECTRIC STRIKES AND OFFER ADJUSTMENTS TO MAXIMIZE SECURITY.

THE H-100 PANIC DEVICES CAN ALSO LATCH INTO STANDARD OR ELECTRIC STRIKES MOUNTED TO B-1250 FLOATING TRANSOM BARS. THE WIRING REQUIRED FOR ELECTRIC STRIKES IS CONCEALED IN THE TRANSOM BAR AND EXITS NEAR THE SUPPORT RODS. THE WIRES ARE THEN SILICONED IN THE CLEARANCE SPACE BETWEEN THE SIDELIGHT AND THE TRANSOM GLASS.

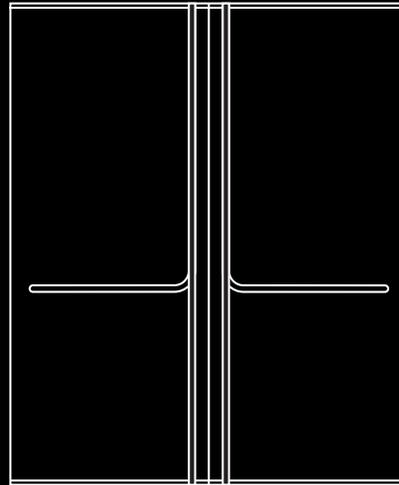
BLUMCRAFT OF PITTSBURGH TAKES GREAT PRIDE IN PROVIDING THE INDUSTRY WITH THE FINEST TUBULAR DOOR HARDWARE. WITH OVER 140 AVAILABLE COMBINATIONS OF PANIC DEVICES, DEADBOLT HOUSINGS, AND EXTERIOR PULL HANDLES, THE ARCHITECT CAN CHOOSE FROM A WIDE VARIETY OF OPTIONS. SEE PAGES 6 AND 7.



- H-100-D PANIC DEVICE
- DB-100-D DEADBOLT HOUSING
- DH-100-D DUMMY HANDLE

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

FOR TEMPERED GLASS DOORS OVER 8'6" TALL, CONTACT BLUMCRAFT.



- H-100-F PANIC DEVICE
- DB-100-F DEADBOLT HOUSING
- DH-100-F DUMMY HANDLE



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

EXTERIOR FIXED PULL HANDLE STYLE "F"

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

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 DOOR BOTTOM.



EXTERIOR FIXED PULL HANDLE STYLE "D"

INTERIOR OPERATING PANIC DEVICE H-110
OR FIXED DEADBOLT HOUSING DB-110

EXTERIOR FIXED PULL
HANDLE STYLE "A"



For **H-110-A** and **H-110-B** Panic Devices, 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.

For **DB-110-A** and **DB-110-B** Deadbolt Housings, the bottom bolt is operated by key cylinders on both sides or with an interior thumbturn.

Dummy Handles **DH-110-A** and **DH-110-B** match the **H-110** Panic Devices and the **DB-110** Deadbolt Housings but have no locking mechanism.

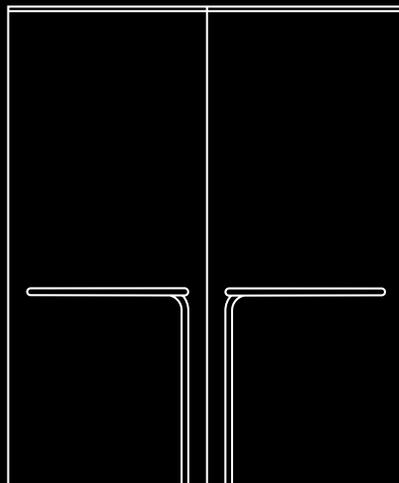
H-110 PANIC DEVICES LATCH AT THE BOTTOM OF THE DOOR EITHER INTO FLOOR OR THRESHOLD MOUNTED RAMP STRIKES. THRESHOLD RAMP STRIKES ARE RECOMMENDED TO MINIMIZE ANY TRIPPING HAZARD. DEADBOLT HOUSINGS THAT LOCK AT THE BOTTOM OF THE DOOR REQUIRE A RECESSED FLOOR STRIKE OR A CUT-OUT IN THE THRESHOLD.

INTERIOR OPERATING PANIC DEVICE H-110
OR FIXED DEADBOLT HOUSING DB-110

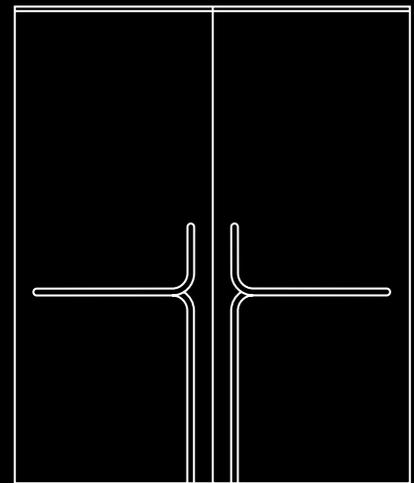


EXTERIOR FIXED PULL HANDLE STYLE "B"

- H-110-A PANIC DEVICE
- DB-110-A DEADBOLT HOUSING
- DH-110-A DUMMY HANDLE



- H-110-B PANIC DEVICE
- DB-110-B DEADBOLT HOUSING
- DH-110-B DUMMY HANDLE



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

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

DB-130-F 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**.

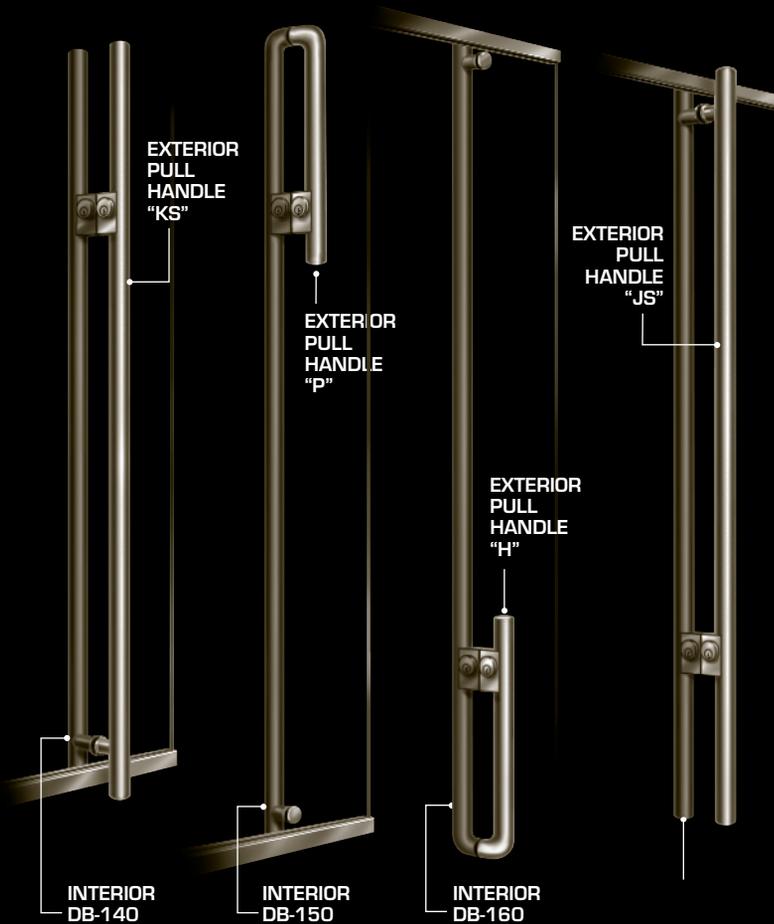
DB-130-F DEADBOLT HOUSINGS ARE AVAILABLE 10" SHORT OF THE DOOR BOTTOM WITH A TOP BOLT ONLY

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 relatch 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.

DH-130-F DUMMY HANDLE

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



INTERIOR DB-140

INTERIOR DB-150

INTERIOR DB-160

EXTERIOR PULL HANDLE "JS"

EXTERIOR PULL HANDLE "H"

EXTERIOR PULL HANDLE "KS"

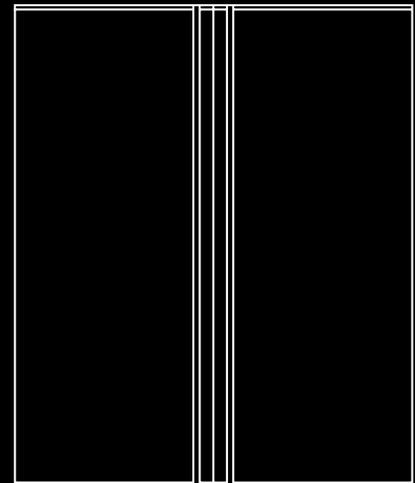
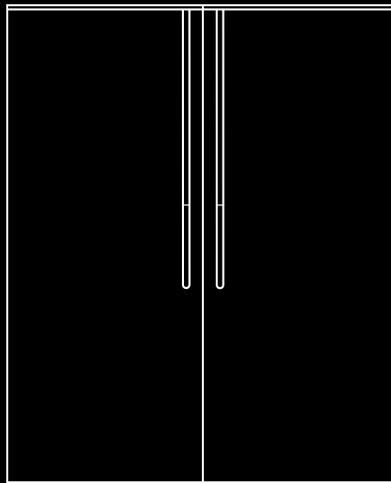
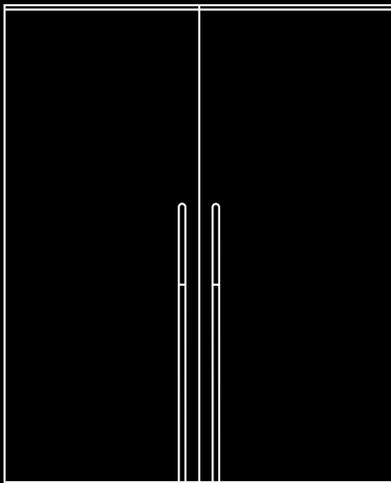
EXTERIOR PULL HANDLE "P"

DEADBOLT HOUSINGS DB-140-KS AND DB-150-P
MATCHING DUMMY HANDLES DH-140-KS AND DH-150-P WITHOUT LOCKING MECHANISM

DEADBOLT HOUSINGS DB-160-H AND DB-170-JS
MATCHING DUMMY HANDLES DH-160-H AND DH-170-JS WITHOUT LOCKING MECHANISM

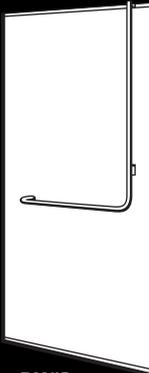
EXTERIOR FIXED PULL HANDLE STYLE "F"

INTERIOR DEADBOLT HOUSING DB-130



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

**PANIC
DEVICES**
WITH
OPERATING
HANDLES ON
INTERIOR
SIDE OF DOOR



PANIC
H-100



PANIC
H-110

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

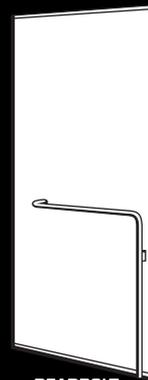
DOOR HEIGHT	GLASS THICKNESS	EXTERIOR HANDLES APPLICABLE
8'-6"	1/2"	All
9'-0"	1/2"	"F" Full Height
9'-0"	1/2"	"F" 10" Short of Door Bottom
9'-0"	3/4"	All

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

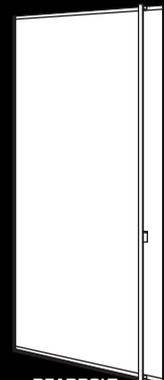
**DEADBOLT
LOCK
HOUSINGS**
WITH LOCKING
MECHANISM ON
INTERIOR
SIDE OF DOOR



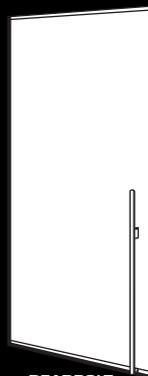
DEADBOLT
DB-100



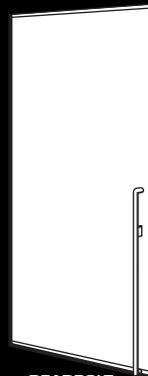
DEADBOLT
DB-110



DEADBOLT
DB-130



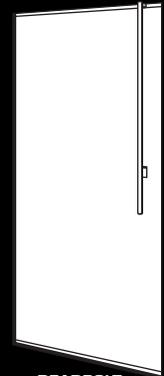
DEADBOLT
DB-140



DEADBOLT
DB-150



DEADBOLT
DB-160



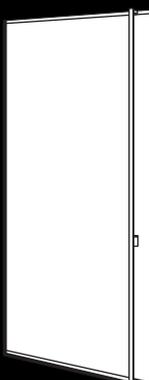
DEADBOLT
DB-170

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

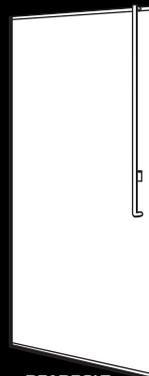
FOR COMPLETE
DESCRIPTION
SEE PAGE 5



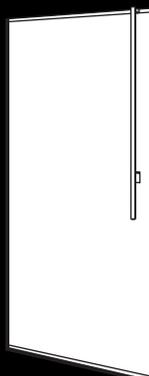
DEADBOLT
DBL-100



DEADBOLT
DBL-130

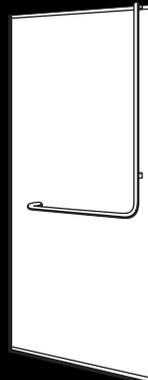


DEADBOLT
DBL-160

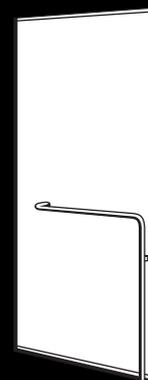


DEADBOLT
DBL-170

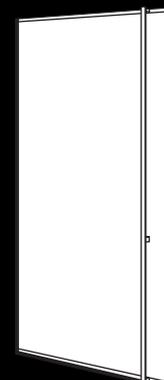
**DUMMY
HANDLES**
WITH NO
LOCKING
MECHANISM
ON
INTERIOR
SIDE OF DOOR



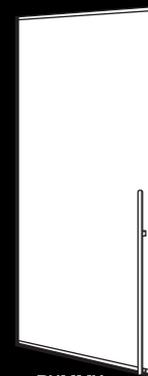
DUMMY
DH-100



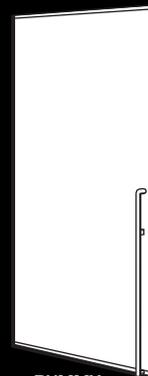
DUMMY
DH-110



DUMMY
DH-130



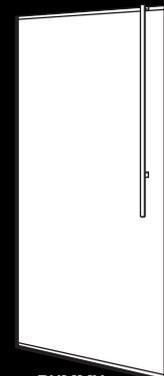
DUMMY
DH-140



DUMMY
DH-150



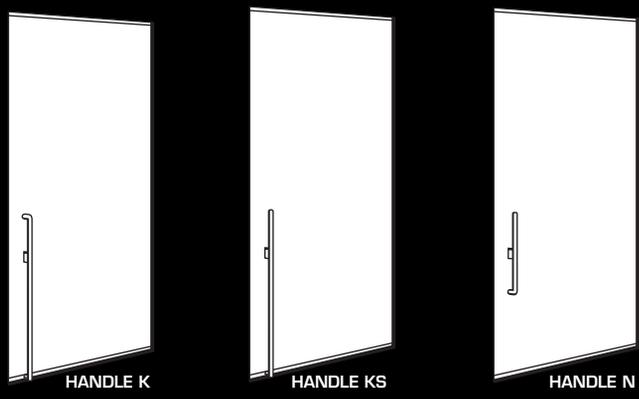
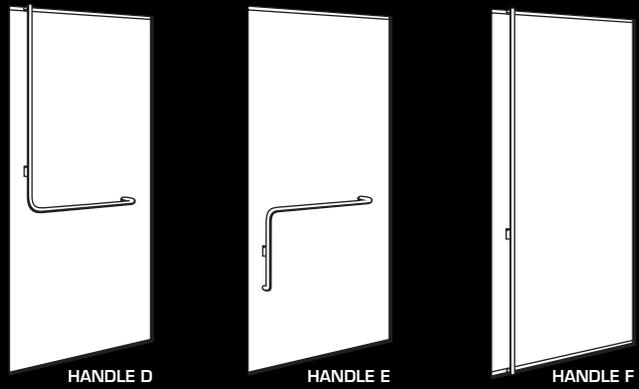
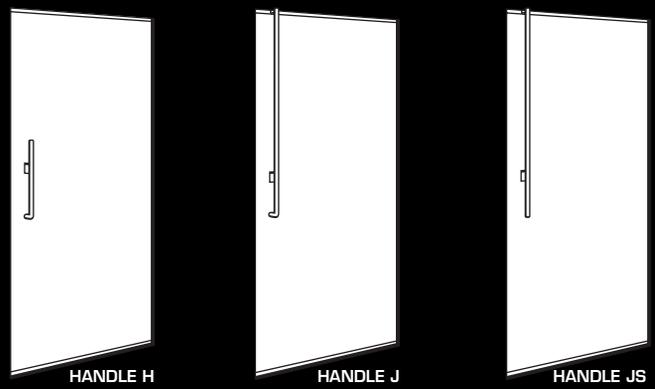
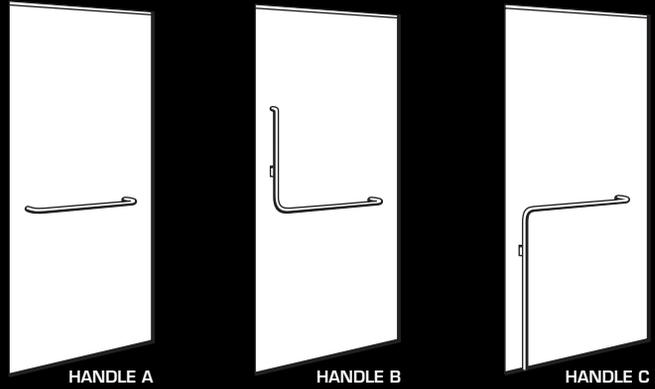
DUMMY
DH-160



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 6. 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	<input type="checkbox"/>
	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)	100	110	130	140	<input type="checkbox"/>
	150	160	170		

3. EXTERIOR PUSH/PULL HANDLE (Select One)	A	B	C	D	<input type="checkbox"/>
	E	F	H	J	
	JS	K	KS	N	
	P	X	Y		

COMBINE THE THREE SELECTIONS

EXAMPLE: **H** - **100** - **A**
 1. 2. 3.

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 DOOR HARDWARE HAS BEEN INSTALLED.

U.S. EMBASSY
Beijing, China

NY JETS TRAINING FACILITY
Florham Park, NJ

MUSEUM OF FINE ARTS
Boston, MA

NELSON ATKINS MUSEUM
Kansas City, MO

BLOOMINGDALE'S
New York, NY

KROENKE SPORTS ENTERPRISES
Denver, CO

MOMA
New York, NY

SMITH BARNEY
Anchorage, AL

HOWARD HUGHES MEDICAL CENTER
Ashburn, VA

BRANDEIS UNIVERSITY
Waltham, MA

ART INSTITUTE OF CHICAGO
Chicago, IL

STATION PLACE
Washington, DC

FBI VISITOR CENTER
Washington, DC

YESHIVA UNIVERSITY
New York, NY

SEATTLE MARINERS
Seattle, WA

NEW YORK TIMES
New York, NY

AIR FORCE MEMORIAL
Washington, DC

DENVER AIRPORT
Denver, CO

DE YOUNG MUSEUM
San Francisco, CA

UNIVERSITY OF NEBRASKA
Lincoln, NB

MAYO CLINIC
Rochester, NY

UNIVERSITY OF TORONTO
Toronto, Canada

GOLDMAN SACHS TOWER
New York, NY

PFIZER GLOBAL
Chesterfield, MO

CHILDREN'S HOSPITAL OF PHILADELPHIA
Philadelphia, PA

BANK OF AMERICA
Various Locations

RADISSON PRICE HOTEL
Waikiki, HA

AIR FORCE ACADEMY
Colorado Springs, CO

YONKERS RACEWAY
Yonkers, NY

ADIDAS
Las Vegas, NV

FDIC, VIRGINIA SQUARE
Arlington, VA

FOX SPORTS
Charlotte, NC

FOXWOODS RESORT CASINO
Ledyard, CT

FRANKLIN INSTITUTE
Philadelphia, PA

JOHNS HOPKINS UNIVERSITY
Baltimore, MD

MOSCONE CENTER
San Francisco, CA

TWO LIBERTY PLACE
Philadelphia, PA

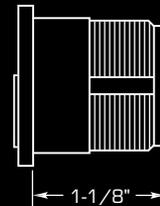


MORTISE CYLINDER EQUIVALENTS
(1-1/8" NOMINAL LENGTH)

MANUFACTURER	MODEL NO.	CAM NO.
ARROW	MC61	001
ASSA	6551	5
BEST	1E64	1EC4
CORBIN/RUSSWIN	1000-118	A02
FALCON	985	4
ILCO (LORI)	7186XX	1
MEDECO	10-0200	CT-Z01
SARGENT	41	13-0660
SCHLAGE*	20-001	B502-191
YALE	2153	1161

* 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 cylinder lengths longer than 1-1/8"



DOOR SWING DIAGRAM

3850 SOUTH WATER STREET, BUILDING SIX
PITTSBURGH, PA 15203-2375
TELEPHONE 412-681-2400 · FAX 412-681-6840

E-mail (general inquiries for quick response):
info@blumcraft.com

E-mail (for drawings/engineering department):
eng@blumcraft.com

Visit our website at www.blumcraft.com