

CLOPAY 3717W4, 3718W4 (1.75"); 3720W4 3722W4, 3724W4 (2"); 3730W4 (3")
EX3717W4, EX3718W4 (1.75"); EX3720W4, EX3722W4, EX3724W4 (2")
CORNELL EX3717LW4, EX3718LW4 (1.75"); EX3720LW4, EX3722LW4, EX3724LW4 (2")
COOKSON EX3717NW4, EX3718NW4 (1.75"); EX3720NW4, EX3722NW4, EX3724NW4 (2")
HOLMES 240UW4, 244UW4 (2")
IDEAL C7X17W4, C7X18W4 (1.75"); C7X20W4, C7X22W4, C7X24W4 (2")

10'-2" WIDE (MAX) X 18'-0" HIGH (MAX)

HORIZONTAL TRACK END HANGER BRACKET
(SUPPLIED BY DOOR INSTALLER) CLOSES
ROLLER CHANNEL. INTERMEDIATE HANGER
REQUIRED FOR DOORS 12'-0" AND HIGHER

NOTE: DOUBLE TRACK LOW
HEADROOM, HI-LIFT TRACK,
FOLLOW-THE-ROOF TRACK,
AND VERTICAL LIFT TRACK
ARE AVAILABLE OPTIONS.

DOOR HEIGHT 'A'	NUMBER OF SECTIONS
UP TO 8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9

GALV STEEL TRACK
SECTIONS-
HORIZONTAL - 0.075 MIN.

GALVANIZED STEEL
TRACK SECTIONS
VERTICAL - .060 MIN

VERTICAL TRACK CAN BE
EITHER BRACKET MOUNT,
CONTINUOUS ANGLE OR
REVERSE ANGLE TRACK.
ALL TRACK BRACKETS AND
TRACK CLIPS ARE 12 GA.
GALV. STEEL. BRACKETS AND
CLIPS ARE ATTACHED TO TRACK
WITH EITHER TWO 1/4" RIVETS
OR ONE 1/4" TRACK BOLT AND NUT.

EX MODELS REQUIRE DOUBLE END STILES AND DOUBLE
END HINGES. SEE DETAIL A ON SHEET 1.

HINGE DETAIL

#14 X 5/8" SHEET METAL
SCREWS QTY (4) ALONG
CENTER OF EACH HINGE

14 GAGE
END HINGES

1/4" X 3/4" SELF
TAPPING SCREWS. QTY.
(4) ALONG CORNERS
OF EACH HINGE

14 GA. HINGE
INTERMEDIATE

SIDE ELEVATION STANDARD-LIFT TRACK DETAILS

3/16" MIN.
STEEL JAMB
MAY BE BACK-
FILLED WITH
CONCRETE, BUT
NOT REQUIRED.
1/8"x1" LONG
FILLET WELD (E60XX
ELECTRODE MIN.). WELD
TO BE LOCATED VERTICALLY
ON ANGLE AT 24"
CENTER AND TACK
WELD TOE OF ANGLE AT
SAME SPACING.
12 GA. GALV. REVERSE
OR CONTINUOUS ANGLE
MOUNT TRACK FASTENED
DIRECTLY TO STEEL JAMB.

STEEL JAMBS

16 GAGE MIN. GALV. END STILE
2" 10 BALL SHORT
STEM STEEL ROLLER
WITH STEEL OR
NYLON TIRE
14 GA. GALV.
CENTER HINGE
SECTION 2-2
14 GA. GALV.
END HINGE

WOOD JAMB ON CONCRETE

2,000 PSI MIN CONCRETE OR
C-90 CONCRETE BLOCK
1/2" DIA. x 1-1/4"
MIN. EMBED SLEEVE
ANCHOR BOLT. WASHER
INCL'D. 22" MAX. O.C.
TO SECURE 2x6 JAMB
TO CONCRETE.
BRACKET MOUNT OR CONTINUOUS
ANGLE MOUNT TRACK FASTENED
TO 2x6 #2 OR BETTER
YELLOW PINE JAMB WITH
ONE 5/16"x1-5/8" LG.
LAG SCREW PER BRACKET
OR TRACK CLIP LOCATION.

CONCRETE JAMBS

2,000 PSI MIN
CONCRETE
1/4"x1-3/4"
MIN. EMBED TAPCON
CONCRETE FASTENER.
1" WASHER REQ'D.
18" MAX. O.C.
TO SECURE ANGLE
TO CONCRETE.
REVERSE OR CONTINUOUS
ANGLE MOUNT TRACK
FASTENED DIRECTLY

STEEL JAMBS

3/16" MIN. STEEL
JAMB
MAY BE BACK-FILLED
WITH CONCRETE, BUT
NOT REQUIRED FOR
SELF TAPPING SCREW.
1/4"x3/4" LG.
SELF TAPPING
SCREW.
24" MAX. O.C.
TO SECURE
ANGLE TO
STEEL JAMB.
REVERSE OR CONTINUOUS
ANGLE MOUNT TRACK
FASTENED DIRECTLY

WOOD JAMBS

3/8"x1-1/2" MIN.
EMBED LAG SCREW.
1-1/8" DIA. WASHER
REQ'D. C'SINK IF
NEEDED. 24" MAX. O.C.
TO SECURE 2X6 WOOD
JAMB TO WOOD
STRUCTURE.
BRACKET MOUNT TRACK
OR CONTINUOUS ANGLE
TRACK FASTENED TO
2X6 #2 OR BETTER
YELLOW PINE JAMB
WITH (1) 5/16"x1-5/8"
LAG SCREW PER BRACKET
OR TRACK CLIP LOCATION.

THE DESIGN OF THE
SUPPORTING STRUCTURAL
ELEMENTS IS THE RESPONSIBILITY
OF THE BUILDING ENGINEER OR

CLOPAY CORP.
ALL RIGHTS RESERVED.

Third Angle
Projection

Unless Stated Otherwise
TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

REVISIONS

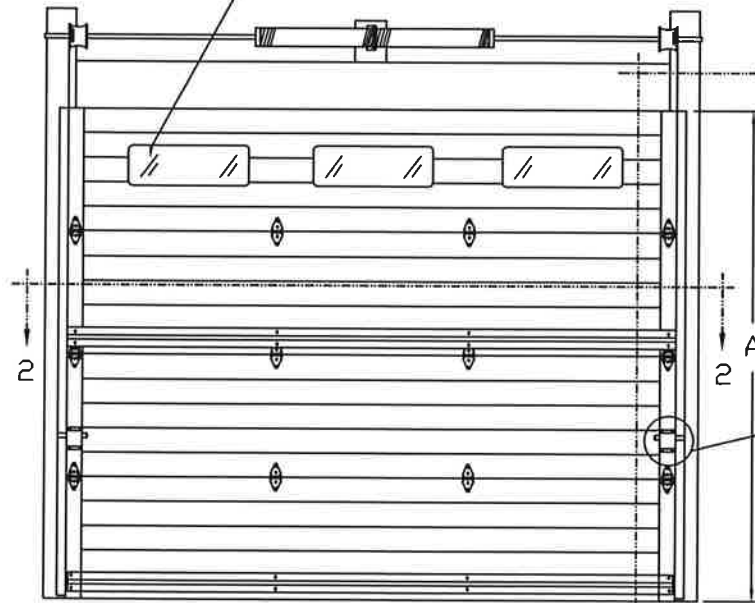
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
02	-	02/2012	-	-	UPDATED WINDCODE CHART
03	-	6/23/17	EN2424	-	ADDED MODELS 3724, C7X24, 244U
04	-	02/2021	EN2836	-	ADDED 3" DOOR MODEL 3730
05	-	10/2021	-	-	ADDED EX MODELS.

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE
WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE
OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE
IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS
REGIONS (REF. CHAPTER 16 FBC/IBC)



OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE (1/8" DSB,
1/8" ACRYLIC, 1/4" WIRE, 1/2" INSUL.). FULL VISION SECTIONS TO HAVE SAME
REINFORCEMENT AS OTHER SECTIONS. OPTIONAL ACRYLIC IS PLASKOLITE OPTIX,
AN APPROVED CC2 PLASTIC IN COMPLIANCE WITH IBC/FBC 2606.

OPTIONAL 24 X 8 DSB OR INSULATED
WINDOW LITES AVAILABLE



MAX DOOR WIDTH: 10'-2"

SECTIONS ARE 1-3/4" THICK (MIN.) PANELS.
EXTERIOR 27 GA. MIN. GALV. STEEL
INTERIOR 27 GA. MIN. GALV. STEEL.
THE STUCCO EMBOSSED STEEL TEXTURE IS
PREPAINTED WITH A BAKED POLYESTER
PAINT. OPTIONAL MINOR RIBS ARE PLACED
EVERY 4 INCHES ALONG THE WIDTH OF THE
EXTERIOR PANELS. URETHANE CORE DENSITY
IS 2.4 PCF.

DETAIL A

EX MODELS REQUIRE
TANDEM ROLLERS AND
DOUBLE END HINGES.
TOP AND BOTTOM
ROLLERS ARE LONG
STEM, SINGLE SHAFT.

TWO POINT
LOCKING

12 GA. GALV. STEEL TOP ROLLER
BRACKET. EACH BRACKET ATTACHED
W/(4) #14x5/8" SHEET METAL SCREWS.
ADJUSTABLE SLIDE ATTACHED TO TOP
BRACKET WITH (2) 1/4"x1/2" BOLTS
AND NUTS PER BRACKET.

(1) 2 1/4" TALL x 20 GA. GALV.
STEEL U-BAR ON THE BOTTOM OF
EVERY OTHER SECTION, STARTING
WITH THE BOTTOM. EACH U-BAR
TO BE ATTACHED WITH TWO
1/4"x3/4" SELF TAPPING SCREWS
PER STILE LOCATION.

INTERMEDIATE ROLLER HINGES.
SEE HINGE DETAIL FOR
SPECIFICATIONS.



BOTTOM SECTION USES
ALUMINUM EXTRUDED RETAINER
ASTRAGAL

SECTION 1 - 1

DESIGN LOADS: +25.0 & -25.0 PSF
TEST LOADS +37.5 & -37.5 PSF

MPC: C-DSIU-10477

Clopay
CORPORATION

8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

WINDLOAD RATING
W4

DESCRIPTION: MODEL 37XX URETHANE INSULATED DOOR

DRAWN BY: BFA

DATE: 11/26/07

SCALE: N/A

DWG. **B**

CHECKED BY: S.HAMILTON

DATE: 11/26/07

SHEET 1 OF 1

DWG. NO.: 104040

VER: IBC

FLORIDA PRODUCT APPROVAL 16761