

BRAND	EMBOSS TYPE		
	SHORT	LONG	FLUSH
CLOPAY	9200, HDP20	9203, HDPL20	9201, HDPF20
IDEAL	8200	8203	8201
HOLMES	7200	7203	7203

DOOR HEIGHT	# OF SECTIONS
UP TO 7'0"	4
7'3" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'3"	7
12'6" TO 14'0"	8
14'3" TO 15'9"	9
16'0"	10

MAX SECTION HEIGHT: 21'

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
04	-	10/02/23	-	JDW	ADDED EXTRA FASTENERS.

NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.

OPTIONAL WINDOW LITE. SSB GLASS, DOUBLE-PANE INSULATED OR 1/8" ACRYLIC AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606. SEE SECTION B-B. SHORT PANEL LITE SHOWN; MAX. LITE SIZE IS 42"x16".

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 OUTSIDE KEYED LOCK POSITION (SHORT PANEL SHOWN)

MAX. WIDTH: 18'0" INSIDE ELEVATION

LOCK POSITION (BOTH SIDES)

SEE END HINGE DETAIL

SEE INTERMEDIATE HINGE DETAIL

(2) #14x5/8 SMS IN THESE LOCATIONS ON EACH STRUT.

END STILE

OUTSIDE HANDLE

LOCK BAR ENGAGES IN TRACK ON EACH SIDE OF DOOR.

OUTSIDE KEYED LOCK LOCK BAR LOCKING

14 GA. END HINGE

18 GA. INTERMEDIATE HINGE

STOP MOULDING BY DOOR INSTALLER (TO SUIT)

20 GA. GALV. STEEL END STILE (END STILES HELD BY HINGE SCREWS)

2x6 YELLOW PINE JAMB

12 GA. GALV. STEEL TRACK BRACKET FASTENED TO WOOD JAMB WITH ONE 5/16"x1-5/8" WOOD LAG SCREW PER BRACKET.

2" GALV. STEEL TRACK FASTENED TO TRACK BRACKETS. EACH BRACKET ATTACHED WITH ONE 1/4"x5/8" BOLT & NUT OR TWO 1/4" RIVETS.

JAMB CONFIGURATION SECTION C-C

18 GA. MIN. GALV. STEEL CENTER HINGE FASTENED TO INSIDE SKIN W/(4) EACH #14x5/8" SHEET METAL SCREWS.

14 GA. GALV. STEEL ROLLER HINGE FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS AND (4) 1/4"x3/4" SELF TAPPING SCREWS

2" 10 BALL SHORT STEM STEEL ROLLER WITH STEEL OR NYLON TIRE

PREPARATION OF JAMBS BY OTHERS.

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN): 3/8"x4" SLEEVE ANCHOR BOLTS ON 18" CENTERS (C-90 BLOCK) OR 23" CENTERS (2,000 PSI MIN. CONCRETE) OR 1/4"x4" TAPCON SCREWS ON 14-3/4" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS, 1" O.D. MIN. REQUIRED WITH TAPCONS. ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS): 1/2"x3" LAG SCREWS ON 16" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

LHR TOP BRACKET

DOUBLE HORIZONTAL TRACK

DOUBLE TRACK LOW HEADROOM OPTION

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

8' TALL DOORS AND UNDER

13 GA. GALV. STEEL FLAG BRACKET. EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-1/2" WOOD LAG SCREW..

TRACK CONFIGURATION

NOTE: DOUBLE TRACK LOW HEADROOM IS AVAILABLE AS AN OPTION

2" GALV. STEEL TRACK, TRACK THICKNESS: .060"

TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. (4) TRACK BRACKET PER SIDE. DISTANCE BETWEEN TRACK BRACKETS NOT TO EXCEED 30" O.C. (FACTORY ATTACHED)

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

OPENING HEIGHT = DOOR HEIGHT

DOORS OVER 8' TALL

13 GA. GALV. STEEL FLAG BRACKET. EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-5/8" LAG SCREWS.

TRACK CONFIGURATION

NOTE: DOUBLE TRACK LOW HEADROOM IS AVAILABLE AS AN OPTION

2" GALV. STEEL TRACK, TRACK THICKNESS: .060" MIN.

TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET. (5) TRACK BRACKETS PER SIDE (UP TO 10' HIGH). (6) TRACK BRACKETS PER SIDE (UP TO 12' HIGH). DISTANCE BETWEEN FLAG AND TOP TRACK BRACKET NOT TO EXCEED 30" O.C.

NOTE: FOR DOORS OVER 12'-0" HIGH, TRACK CONFIGURATION SHALL NOT EXCEED MAXIMUM SPACING PROVIDED. CONSULT FACTORY FOR MORE DETAIL IF RQD.

DOOR HEIGHT	"L"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"

OPENING HEIGHT = DOOR HEIGHT

3-1/2"

2" THICK

SILICONE FILLED CHANNEL SEPARATES FRONT AND BACK SKIN OF DOOR

URETHANE CORE DENSITY 2.4 P.C.F.

12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED W/(4) #14x5/8" SHEET METAL SCREWS.

TONGUE AND GROOVE JOINTS.

SECTION A-A

3" x 20 GA. GALV. STEEL U-BAR. TWO PER SECTION. U-BARS ATTACHED W/(2) 1/4"x3/4" SELF TAPPING SCREWS PER HINGE LOCATION.

27 GA. STEEL INTERIOR GALV. SKIN WITH A BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT.

13 GA. GALV. STEEL BOTTOM BRACKET. ATTACHED WITH (4) #14x5/8" SHEET METAL SCREWS.

ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SNAP LATCH ENGAGES ONTO VERTICAL TRACK. ONE SNAP LATCH ON EACH SIDE OF DOOR.

OUTSIDE KEYED LOCK SNAP LATCH LOCK OPTION

END STILE

INSIDE HANDLE

OUTSIDE KEYED HANDLE

SECTION B-B

FRONT FRAME WITH U.V. COATING ON OUTSIDE SURFACE.

GLAZING

MOLDED INSIDE LITE RETAINER.

#8x3/4" PAN HEAD SCREW (1 SCREW PER EMBOSSED PILOT HOLE).

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +25.0, -25.0 PSF ORIGINAL DRAWINGS ARE SIGNED IN BLUE
TEST LOADS: +37.5, -37.5 PSF INK WITH A RAISED SEAL (EMBOSS).

MANUFACTURING PRODUCT CODE:
MPC: DSIU-1F171

CLOPAY WINDLOAD RATING
W4

DESCRIPTION: 9200 SERIES: 2" RESI PUR ±25.0 PSF UP TO 18'W

DRAWN BY: SH DATE: 05/25/09 SCALE: NTS DWG. NO.: 104260

CHECKED BY: SH DATE: 06/05/09 SHEET 1 OF 1 VER: IBC

SIZE B

Unless Stated Otherwise TOLERANCES are

.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

FLORIDA PRODUCT APPROVAL 47958.15