

CLOPAY	MODEL
STANDARD	906, AZ6
INSULATED	906U, AZ6U

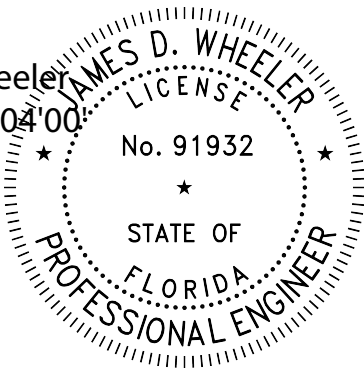
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
01	-	09/17/24	ER1428	JDW	RELEASED FOR PRODUCTION

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
HOLLOW BLOCK WALL	1/4" x 1-1/4" MIN. EMBED CARBON STEEL CONCRETE SCREW	10-3/4"	1" O.D.
GROUT FILLED BLOCK WALL	1/4" x 1-3/4" MIN. EMBED CARBON STEEL CONCRETE SCREW	22"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	24"	1" O.D.
4000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	24"	1" O.D.
2500 PSI MIN. CONCRETE	3/8" x 3" NOMINAL EMBED HILTI KWIK BOLT TZW CONCRETE ANCHOR	24"	1-1/2" O.D.
WOOD FRAME (SYP 0.55 SG)	1/2" x 1-1/2" EMBED LAG SCREW (ASTM A307, GRADE A)	24"	1-3/8" O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

Digitally signed by Jim Wheeler
Date: 2025.04.24 16:09:20 -0400



DSB OR BETTER GLAZING.
ALUMINUM ANGLES ON
DOORS WITH HEAVY WEIGHT
GLAZING (GREATER THAN
1/8" THICK) WILL BE
2" x 2" x 1/8".

1-1/4" x 1-1/4" x 1/8"
(MINIMUM) ALUMINUM ANGLE
ON TOP SECTION AND BOTTOM
OF BOTTOM SECTION
ATTACHED WITH (1)
1/4"x3/4" SELF-TAPPING
SCREW PER STILE LOCATION.

SECTION 1 - 1

ADJUSTABLE TOP ROLLER
BRACKET OF 12 GA. GALV.
STEEL FASTENED WITH (4)
#14 x 5/8" SHT MTL
SCREWS.

ADJUSTABLE END HINGES
ATTACHED WITH STS AS
SHOWN IN DETAIL VIEW.

LONG-STEM NYLON 10B
ROLLERS.

1-1/4" x 1-1/4" x 1/8"
(MINIMUM) ALUMINUM ANGLE,
(1) ATTACHED TO EACH
REINFORCING RIB, WITH (2)
1/4" HEX BOLTS AND FLANGE
NUTS AT EACH HINGE
LOCATION AND (1) 3/8" HEX
BOLTS AND FLANGE NUTS AT
EACH END.

BOTTOM ROLLER BRACKET
OF 12 GA. GALV. STEEL,
FASTENED WITH (4) #14 x
5/8" SHEET METAL
SCREWS.

BOTTOM SECTION REINFORCED
WITH A TEMPERED ALUMINUM
EXTRUSION WITH INTEGRAL
RETAINER FOR FLEXIBLE
VINYL ASTRAGAL.

FLEXIBLE VINYL ASTRAGAL.

1/4"x3/4" SELF
TAPPING SCREWS
(6) PER HINGE.

ADJUSTABLE END HINGES

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

7/16" PUSH-NUT,
ONE PER ROLLER.

1/4"x3/4" SELF
TAPPING SCREWS

CENTER COMBO HALF HINGES

CENTER STILES FASTENED TO RAILS
WITH FULL LENGTH 1/4" STEEL
RODS AND FLANGE NUTS.

CENTER HINGES
ATTACHED TO INTERM. BOTTOM RAIL
WITH (2) #14x5/8" SMS AND TO
FIN WITH (2) 1/4-20x1/2" HEX
HEAD MACHINE SCREWS AND NUTS.

SECTION 2 - 2

REINFORCING FIN
ON INTER. TOP
RAILS ANGLE CUT
AT END STILES.

END STILES FASTENED TO RAILS
WITH FULL LENGTH 1/4" STEEL
RODS AND FLANGE NUTS.

OPTIONAL 1" OVERLAP (NOT SHOWN).
MAX. 16'0" OPENING WIDTH.

HORIZONTAL TRACK
SUPPORT BY DOOR
INSTALLER (TO SUIT).

2" TRACK CONFIGURATION.

DOOR COUNTERBALANCE SYSTEM
13 GA GALV. STEEL FLAG BRACKET ATTACHED
TO JAMB WITH (3) 5/16" X 1-5/8" LAG
SCREWS AND TO TRACK WITH (2) 1/4" RIVETS
(BRACKET MOUNT TRACK ONLY).

AS RQD: SPACING NTE 30" O.C.

62"±4" 2" GALV. STEEL TRACK,
TRACK THICKNESS: 0.60".

36"±2" VERTICAL TRACK TO BE BRACKET
MOUNT OR ANGLE MOUNT
(CONTINUOUS OR REVERSE ANGLE,
1-3/4"x2-1/4"x12 GA MIN.). ALL
BRACKETS/TRACK CLIPS ARE 12 GA.
GALV. STEEL. BRACKETS/CLIPS ARE
ATTACHED TO TRACK WITH EITHER
TWO 1/4" RIVETS OR ONE 1/4"
BOLT AND NUT.

2" ANGLE MOUNT AND BRACKET MOUNT, AND 3" ANGLE MOUNT TRACK ARE APPROVED.
TRACK CONFIGURATION ABOVE THE OPENING DOES NOT AFFECT THE WIND LOAD RATING.

PREPARATION OF JAMBS BY OTHERS

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.

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.

DESIGN LOADS: +25 & -25 P.S.F.
TEST LOADS +37.5 & -37.5 P.S.F.

Clopay
Building Products Company

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

MPC: C-ALSLK-1F999

CLOPAY WINDLOAD RATING
W4

DESCRIPTION: M/N 906 16'2" WIDE DES. +25/-25 PSF

DRAWN BY: JDW

DATE: 9/17/24

SCALE: NONE

DWG.

CHECKED BY: JDW

DATE: 9/17/24

SHEET 1 OF 1

SIZE

DWG. NO.: 105787

VER: -