

# AMERICAN SECURITY PRODUCTS CO.

## WFS149 & WES149 FIRE-WALL SAFE INSTALLATION INSTRUCTIONS

The American Security Products WFS149 & WES149 Fire wall safe is designed to be mounted flush between the studs of the wall in your home or business. Installation is quick and simple and requires no repainting or putty work to complete.

The Installation Kit	Qty	Part No.	Description
Includes:	1	FS149 or ES149	Safe, FS149 or ES149
	2	3585077	Body Flange
	2	3585083	Wall Mounting Bracket Assy
	1	3585078	Dressing Ring Assy
	2	3585082	Trim Ring Mounting Bracket
	1	4305253	Template
	8	P0424	3/8" Flat Washer
	8	2440001	3/8" x 1-1/2" Lag Bolts
	4	2385005	1/4-20 x 1" Tamper Resistant Screws
	4	P0771	1/4" Flat Washers
	4	2425000	#8 x 1" Sheet Metal Screw, Black
	12	2425001	#8 x 1/2" Sheet Metal Screw, Black

- STEP 1** Choose a suitable location where the safe can be mounted such that the rear of the safe will be in an area like a closet. Caution: Try to choose a location away from electrical switches, fixtures and plumbing or drain piping. The overall installed depth of the safe is approximately 16-1/2" from the wall face. On a Standard 2 x 4 wall with 1/2" Drywall on both sides, the safe will protrude approximately 13" into a closet from the inner wall face.
- STEP 2** Locate the studs between which the safe will be mounted. The studs must be 16" on center and must have a minimum of 14-3/8" open space between them. The rough opening will be a minimum of 22-3/8" x 14-1/4".
- STEP 3** Mark a light horizontal line between the studs at the desired height of the bottom of the safe. Now Draw a light horizontal line 22-38" above the bottom line. Drill a hole just above the bottom line in the center and just below the top line for starting the above the line in the center for starting the saw.
- STEP 4** Using a small saw, slowly cut along these line toward the studs left and right until contact is made with the stud. If you hit any obstruction before reaching the stud, stop and investigate.
- STEP 5** With a straight edge, mark a light line between the ends of the horizontal cuts. Drill a saw starting hole and then carefully cut vertically to the horizontal cuts top and bottom following the stud as you cut. Remove the piece of drywall and insulation. Check the measurement to be sure it's height is 22-3/8" and it's width is 14-3/8".
- STEP 6** With a square, transfer the top and bottom cuts to the inside of the opposite wall drywall. Mark a horizontal line 1-1/16" down from the top and up from the bottom on the back wall. Then mark lines parallel to the studs 3/16" in from either side.
- STEP 7** Drill a Saw starting hole just inside the four corners of the rectangle marked on the inside back wall.
- STEP 8** From inside the cavity or closet, mark light lines connecting the outside of the four holes. The rectangle should be approximately 14-1/8" wide by 20-1/4" high. Carefully saw from the corner holes to make the rear opening and remove the drywall.
- STEP 9** Place the Template in position with the front edge flush to the surface of the opening in the wall. Drill 1/4" pilot holes in the studs per the Template. Bolt the Mounting Bracket to the studs with the (8) 3/8" lag bolts with a 3/8" washer under the head of each.
- STEP 10** Remove the Rubber feet from the bottom of the safe.
- STEP 11** Place Body Flange on the safe 1/2" from front of safe and mark center of holes. Punch holes in safe with a Center Punch (6 holes per Body Flange). Screw the Body Flanges to the safe with fourteen #8 x 1/2" Sheet Metal Screw (Black).

- STEP 12** Remove the door from the safe by lifting it off of its hinge pins, set it aside.
- STEP 13** Lift the body of the safe into the opening, slide it back into position such that the four mounting holes line up. You may need to lift the safe from the inside roof to help position it.
- STEP 14** Place the Dressing Ring Mounting Bracket in position and with the (4) 1/4-20 x 1" tamper resistant screw and 1/4" washers, bolt the safe in place securely.
- STEP 15** Re-hang the door on the hinge pins.
- STEP 16** Place the Dressing Ring in the opening such that the inner nose of the collar fits over the body of the safe. Align the holes in the Dressing Ring and the holes in the Dressing Ring Mounting Bracket and fasten with the (4) #8 x 1" sheet metal screws. If you open the door, you can get better access to the screws to tighten them.

