

# ANGLE FRAME, PEDESTRIAN LOADING, SINGLE DOOR RETROFIT

## ALUMINUM

The retrofit angle frame floor access door is designed for interior and exterior applications where watertightness is not required and the frame is to be placed into an existing opening.

**SPECIFICATIONS:** The retrofit floor access door shall be Model APS300 RETROFIT as manufactured by U.S.F. Fabrication, Inc. with the size being specified on the plans. Door leaf shall be 1/4-inch thick aluminum diamond plate reinforced for a 300 p.s.f. live load. The extruded aluminum angle frame shall have a horizontal flange with 9/16-inch diameter holes for bolting to the existing floor and an integral door seat on all four sides. The horizontal leg of the frame will have a beveled edge that slopes to the floor surface. The floor access door shall be equipped with a flush lifting handle that does not protrude above the cover, and a 316 stainless steel hold open arm with red vinyl grip that automatically keeps the cover in its upright, open position. The door shall have 316 stainless steel hinges and 316 stainless steel tamper resistant bolts/locknuts. A staple for a padlock shall be supplied for security. The door shall be manufactured and assembled in the United States. Manufacturer shall guarantee the door against defects in materials and workmanship for a period of ten years.

### OPTIONAL FEATURES

- Stainless steel horizontal springs or gas shocks for easy opening
- 316 Stainless steel watertight slamlock and other locking devices
- Bituminous coating on frame surface in contact with concrete
- Cushion for noise dampening
- Nut rails with stainless steel sliding nuts for attaching cable holders, brackets & other hardware
- Fiberglass insulation with metal liner
- Custom lettering
- Anodized finish
- Stainless steel safety chains with aluminum support posts
- Fall Through Protection Systems
- Slip resistant surface bonded to cover plate
- All steel or stainless steel material (no beveled edge)
- Mounting holes on vertical/inside frame wall for security
- Reading Lid

### 300 P.S.F. LOADING

MODEL	COVER THK	FRAME OPENING***		CLEAR OPENING**		EXISTING OPENING		WEIGHT*
	in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	G in. (mm)	H in. (mm)	
APS300	1/4 (6)	23 (584)	23 (584)	20 (508)	22 (559)	24 (610)	24 (610)	41 (19)
APS300	1/4 (6)	23 (584)	29 (737)	20 (508)	28 (711)	24 (610)	30 (762)	48 (22)
APS300	1/4 (6)	23 (584)	35 (889)	20 (508)	34 (864)	24 (610)	36 (914)	54 (24)
APS300	1/4 (6)	29 (737)	29 (737)	26 (660)	28 (711)	30 (762)	30 (762)	56 (25)
APS300	1/4 (6)	29 (737)	35 (889)	26 (660)	34 (864)	30 (762)	36 (914)	63 (29)
APS300	1/4 (6)	29 (737)	47 (1194)	26 (660)	46 (1168)	30 (762)	48 (1219)	79 (36)
APS300	1/4 (6)	35 (889)	35 (889)	31 (787)	34 (864)	36 (914)	36 (914)	72 (33)
APS300	1/4 (6)	35 (889)	47 (1194)	31 (787)	46 (1168)	36 (914)	48 (1219)	91 (41)
APS300	1/4 (6)	41 (1041)	41 (1041)	37 (940)	40 (1016)	42 (1067)	42 (1067)	93 (42)

\* Weight shown is of our standard hatch only, and does not include any optional features. \*\*Also referred to as "Actual Opening" which can vary to suit application. \*\*\*Also referred to as "Concrete Opening" when door is cast into concrete.

**CUSTOM SIZES READILY AVAILABLE**