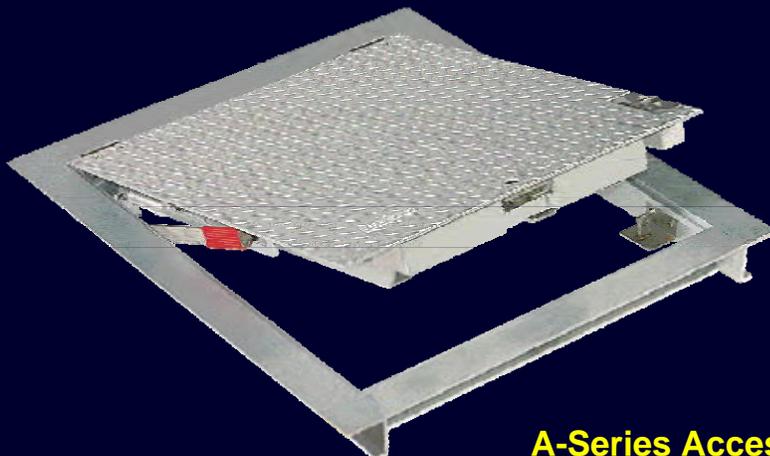


GENERAL PURPOSE



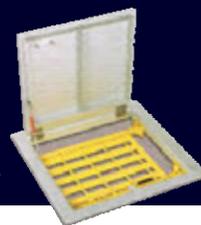
A-Series Access Hatches

Angle Frame, Aluminum, Pedestrian or H-20 Vehicle Load Ratings, Single, Double and Multiple Covers. Model AHS shown with Optional Recessed Padlock Hasp.



Specify A-Series angle frame access hatches as the economical, quality solution for sidewalk, floor and utility applications where rainwater control is not a requirement.

Options include hinged safety grate



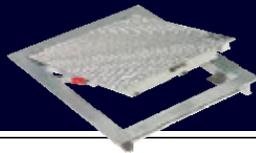
Manufacturing a complete line of engineered metal products for the construction industry, we set the standard for quality, service and innovation. For product specifications and details, visit:



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A-SERIES GENERAL PURPOSE HATCHES

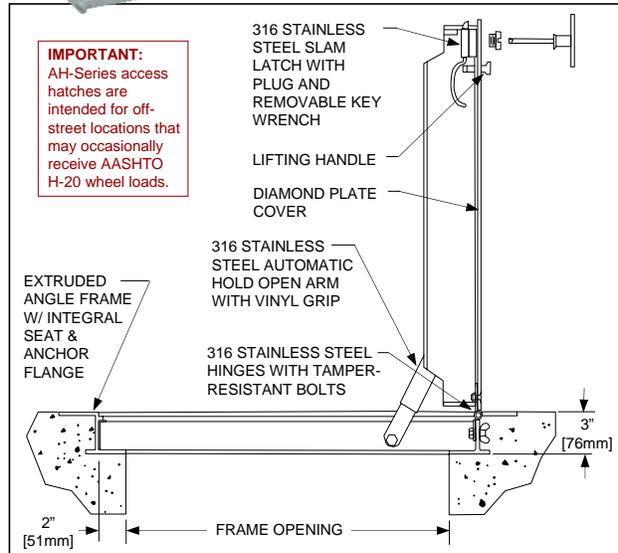
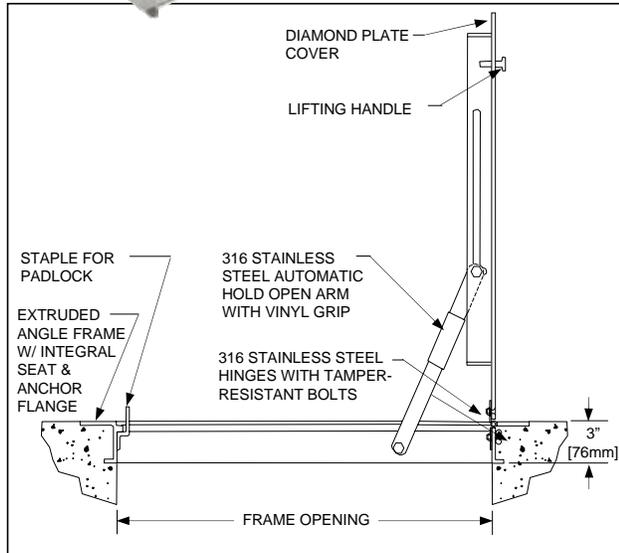
Angle Frame, Aluminum



Model APS & APD
Pedestrian Load Rating



Model AHS & AHD
H-20 Vehicle Load Rating



IMPORTANT:
AH-Series access hatches are intended for off-street locations that may occasionally receive AASHTO H-20 wheel loads.

SPECIFICATIONS

The access hatch shall be Model (select from chart) as manufactured by U.S.F. Fabrication, Inc., Hialeah, Florida with the size being specified on the plans.

Cover: Cover shall be aluminum diamond plate (see chart for plate thickness and load rating). Cover shall be equipped with a flush lifting handle and 316 stainless steel hold-open arm with red vinyl grip that automatically locks the cover in the 90 degree open position.

Frame: Frame shall be extruded aluminum with an integral seat and continuous anchor flange on all four sides.

Hinges: 316 stainless steel hinges with 316 stainless steel tamper-resistant bolts/locknuts.

Latch: AP hatches shall include a staple for user-supplied padlock. AH hatches shall include a 316 stainless steel slam latch with plug and removable key wrench.

Finish: Cover and frame shall be mill finish aluminum. Hardware shall be 316 stainless steel. An adhesive backed vinyl material that protects the product during shipping and installation shall cover the entire top of the frame and cover.

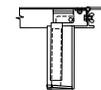
Installation: Installation shall be in accordance with the manufacturer's instructions.

Warranty: The hatch shall be manufactured in the United States. Manufacturer shall guarantee against defects in materials and workmanship for a period of ten [10] years.

OPTIONS



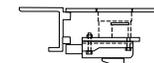
Horizontal Springs
(open or enclosed)



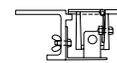
Bolt-on Vertical Springs
(open or enclosed)



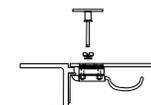
Bolt Lock
(hex or tamper proof)



Recessed Cylinder Lock
(with threaded lid)



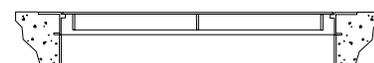
Recessed Padlock Staple



Slam Latch (stainless, standard on all H-20 models)



Nut Rail
(with sliding nuts)



Frame Skirt to match slab thickness for easy precasting



Hinged Safety Grate

Additional Options:

- Bituminous Paint
- Anodized Finish
- Slip Resistant Surface bonded to Cover Plate
- Insulation under Cover
- Safety Chains and Posts

STANDARD SIZES (Custom sizes and load ratings available. Steel units also available.)

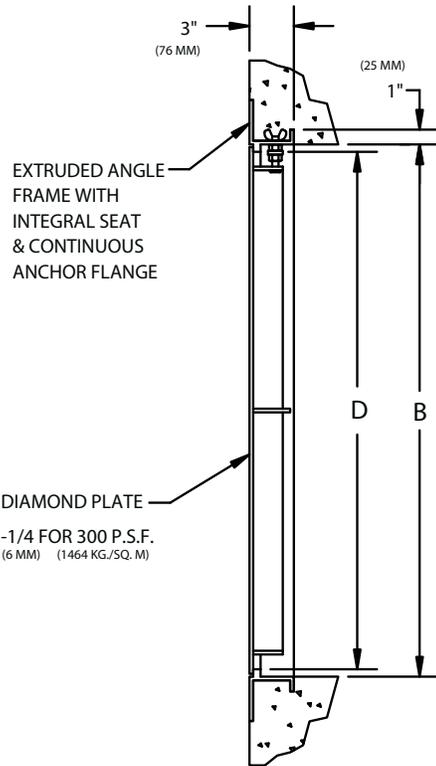
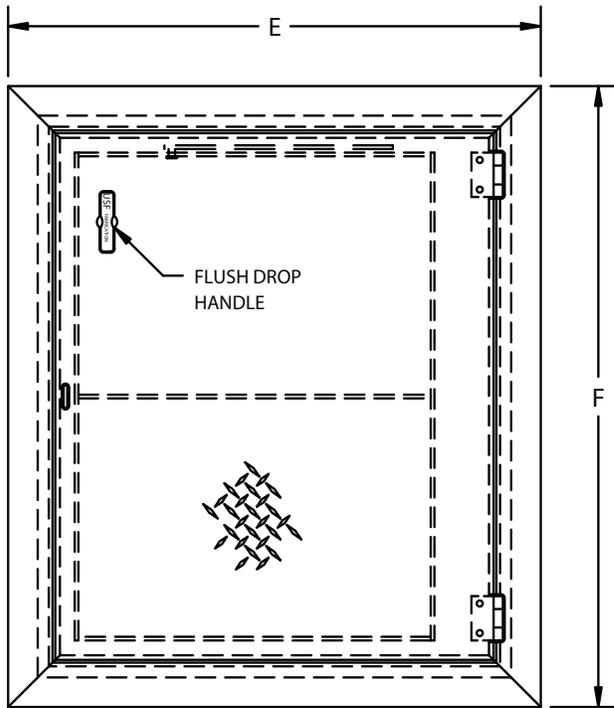
Single Cover				Double Cover			
FRAME OPENING Width x Hinge Side In. [mm]	Model APS150 150 PSF Load Rating 3/16" [4mm] Cover	Model APS300 300 PSF Load Rating 1/4" [6mm] Cover	Model AHS H-20 Load Rating 1/4" [6mm] Cover	FRAME OPENING Width x Hinge Side In. [mm]	Model APD150 150 PSF Load Rating 3/16" [4mm] Cover	Model APD300 300 PSF Load Rating 1/4" [6mm] Cover	Model AHD H-20 Load Rating 1/4" [6mm] Cover
	WEIGHT Lbs. [KG]				WEIGHT Lbs. [KG]		
24 x 24 [610 x 610]	33 [15]	42 [19]	59 [27]	30 x 48 [762 x 1219]	69 [31]	86 [39]	133 [60]
24 x 30 [610 x 762]	39 [18]	49 [22]	n/a	30 x 54 [762 x 1372]	75 [34]	94 [43]	153 [69]
24 x 36 [610 x 914]	43 [20]	55 [25]	82 [37]	36 x 48 [914 x 1219]	78 [35]	98 [44]	157 [71]
30 x 30 [762 x 762]	45 [20]	57 [26]	82 [37]	36 x 60 [914 x 1524]	92 [42]	117 [53]	192 [87]
30 x 36 [762 x 914]	50 [23]	64 [29]	96 [44]	42 x 48 [1067 x 1219]	87 [39]	110 [50]	191 [87]
30 x 48 [762 x 1219]	62 [28]	80 [36]	124 [56]	48 x 48 [1219 x 1219]	96 [44]	123 [56]	213 [97]
36 x 36 [914 x 914]	57 [26]	73 [33]	113 [51]	48 x 54 [1219 x 1372]	107 [49]	133 [60]	249 [113]
36 x 48 [914 x 1219]	71 [32]	92 [42]	n/a	48 x 72 [1219 x 1829]	133 [60]	170 [77]	310 [141]
42 x 42 [1067 x 1067]	73 [33]	94 [43]	n/a	60 x 60 [1524 x 1524]	140 [64]	177 [80]	377 [171]

In our efforts for continuous improvement, U.S.F. Fabrication, Inc. reserves the right to change product specifications without notice.

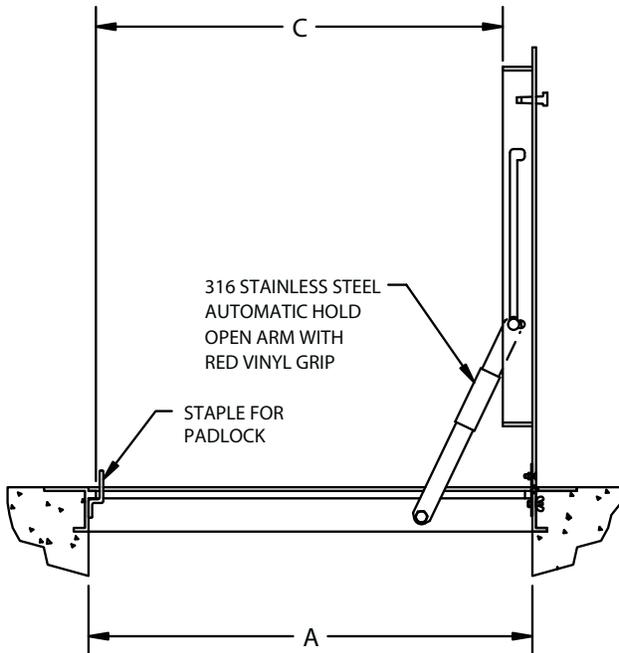
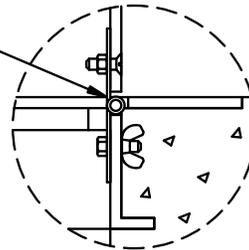


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316 STAINLESS STEEL HINGES WITH TAMPER PROOF BOLTS



NOTE:
 -MATERIAL: ALUMINUM WITH 316 STAINLESS STEEL NUTS & BOLTS, HINGES, AND HOLD OPEN ARM.
 -LOADING: 300 LBS. PER SQ. FOOT. (1464 KG. PER SQ. M)

OPTIONAL FEATURES	
<input type="checkbox"/>	S.S. HORIZONTAL SPRINGS
<input type="checkbox"/>	S.S. SLAMLOCK
<input type="checkbox"/>	BITUMINOUS PAINT ON AREA IN CONTACT WITH CONCRETE
<input type="checkbox"/>	OTHERS: _____
U.S.F. FABRICATION, INC. HIALEAH, FLORIDA	
APS <u>300</u> (LOADING)	X <u> </u> (A) (B)

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