

BA-FA-H20

FLOOR DOOR

H20 loading

Application

- Designed for interior and exterior applications where watertightness is not required

Product Features

- Angle frame construction with integral anchor flange is designed to be cast into concrete
- Diamond plate door panel is equipped with a flush aluminum drop handle and an automatic hold open arm, along with stainless steel compression spring & stainless steel slamlock
- Designed for off-street locations that may occasionally receive AASHTO H-20-44 wheel loads



Double Leaf

FA-H20 Floor Door Specifications:

Material: Aluminum door and frame; stainless steel hinges and hardware

Door: 1/4" aluminum diamond plate reinforced to meet AASHTO specification H20-44 for traffic loading (16000 lb. wheel load with 30% added for impact)

Hinge: Stainless steel butt hinges with tamperproof stainless steel bolts and nuts

Frame: Angle frame fabricated from aluminum extrusion with an integral 1" anchor flange

Opening Device: Automatic hold open arm with red vinyl grip allows door panel to open to 90 degrees, locking door in open position, and allowing for easy control when closing door panel. Stainless steel compression springs provide lift assistance.

Standard Latch: Flush aluminum drop handle, stainless steel slamlock with a fixed inside handle, removable outside handle, and removable threaded plug

Finish: Mill finish, with bituminous coating applied to exterior of frame

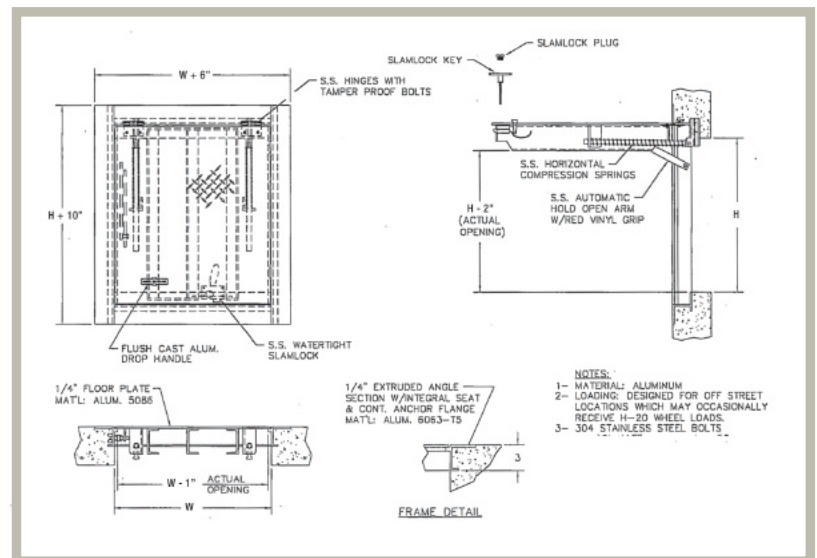
FA-H20 STANDARD SIZES

(other sizes available upon request)

Nominal Door Size W&H		Weight per Door	
inches	mm	lbs.	kg.
24 x 24	610 x 610	55	25
24 x 30	610 x 762	65	29.5
24 x 36	610 x 914	75	34
30 x 30	762 x 762	80	36.4
30 x 48	762 x 1220	125	56.8
36 x 36	914 x 914	110	49.9
36 x 48	914 x 1220	150	68.1
42 x 42	1067 x 1067	170	77.2
48 x 48*	1220 x 1220	200	90.8
48 x 72*	1220 x 1829	295	133.9
60 x 60*	1524 x 1524	330	149.8

*Double Leaf

For detailed specifications see submittal sheet



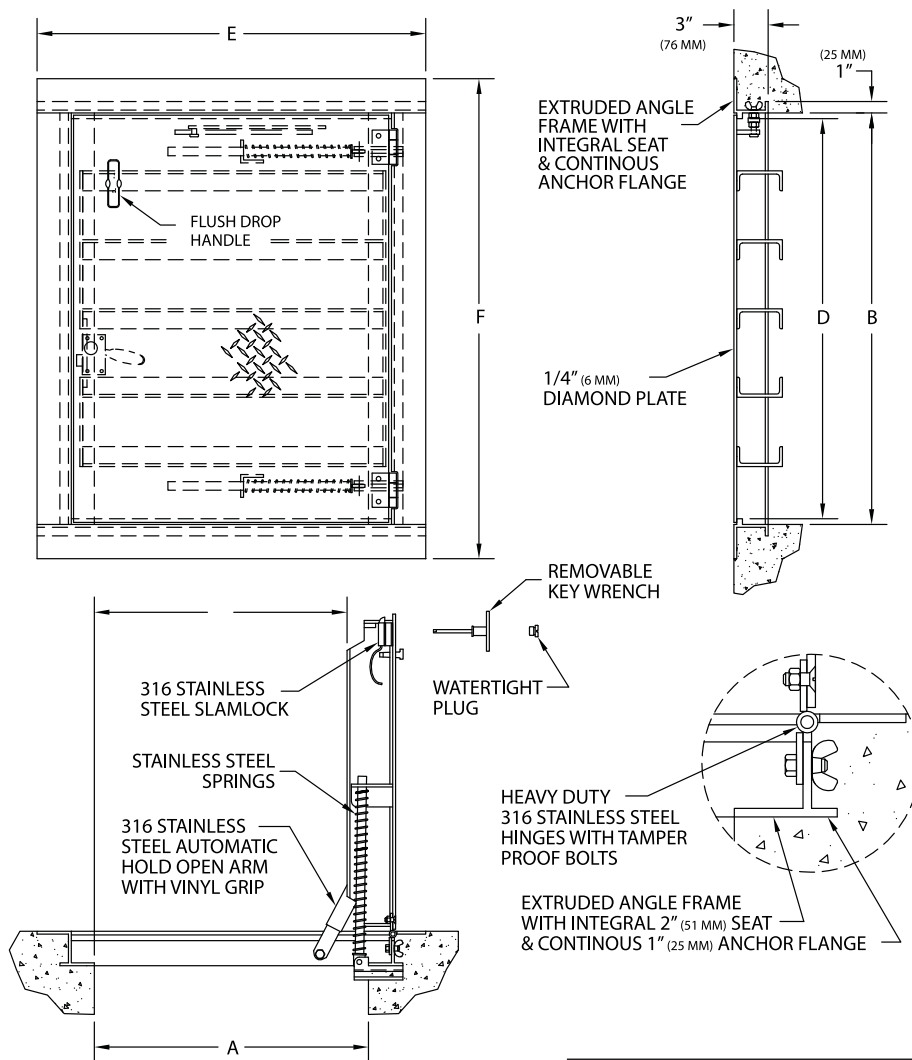


Box 30021 - RPO Upper James St, Hamilton, Ontario, L9B 0E4
For more information, contact BestAccessDoors.
BestAccessDoors
Phone: 1-800-483-0823
Fax: 1-888-828-6021
Email: info@BestAccessDoors.ca

BA-FA-H20

ANGLE FRAME FLOOR DOOR H20 LOADING - SINGLE LEAF

NOMINAL DOOR SIZE	FRAME OPENING		CLEAR OPENING		OVERALL SIZE		WEIGHT
in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	LBS. (KG)
24 x 24 (610 x 610)	24 (610)	24 (610)	22 (559)	23 (584)	34 (864)	30 (762)	62 (28)
24 x 30 (610 x 914)	24 (610)	30 (762)	22 (559)	28 (711)	34 (864)	36 (914)	65 (30)
24 x 36 (610 x 914)	24 (610)	36 (914)	22 (559)	35 (889)	34 (864)	42 (1067)	87 (39)
30 x 30 (762 x 762)	30 (762)	30 (762)	28 (711)	29 (737)	40 (1016)	36 (914)	86 (39)
30 x 48 (762 x 1219)	30 (762)	48 (1219)	28 (711)	47 (1194)	40 (1016)	54 (1372)	133 (60)
36 x 36 (914 x 914)	36 (914)	36 (914)	33 (838)	35 (889)	46 (1168)	42 (1067)	122 (55)
36 x 48 (914 x 1219)	36 (914)	48 (1219)	33 (838)	45 (1143)	46 (1168)	43 (1092)	150 (68)
42 x 42 (1067 x 1067)	42 (1067)	42 (1067)	39 (990)	39 (990)	52 (1320)	52 (1320)	170 (77)



NOTE:

- MATERIAL: ALUMINUM WITH STAINLESS STEEL SPRINGS, 316 STAINLESS STEEL NUTS & BOLTS, HINGES, AND HOLD OPEN ARM.
- LOADING: DESIGNED FOR OFF-STREET LOCATIONS WHICH MAY OCCASIONALLY RECEIVE H-20 WHEEL LOADS.
- BITUMINOUS COATING IS APPLIED TO AREA OF FRAME IN CONTACT WITH CONCRETE

OPTIONAL FEATURES

- ☐ RECESSED STAPLE FOR PADLOCK
- ☐ OTHERS: _____

JOB NAME:
CUSTOMER:

APPROVED BY:
DATE:

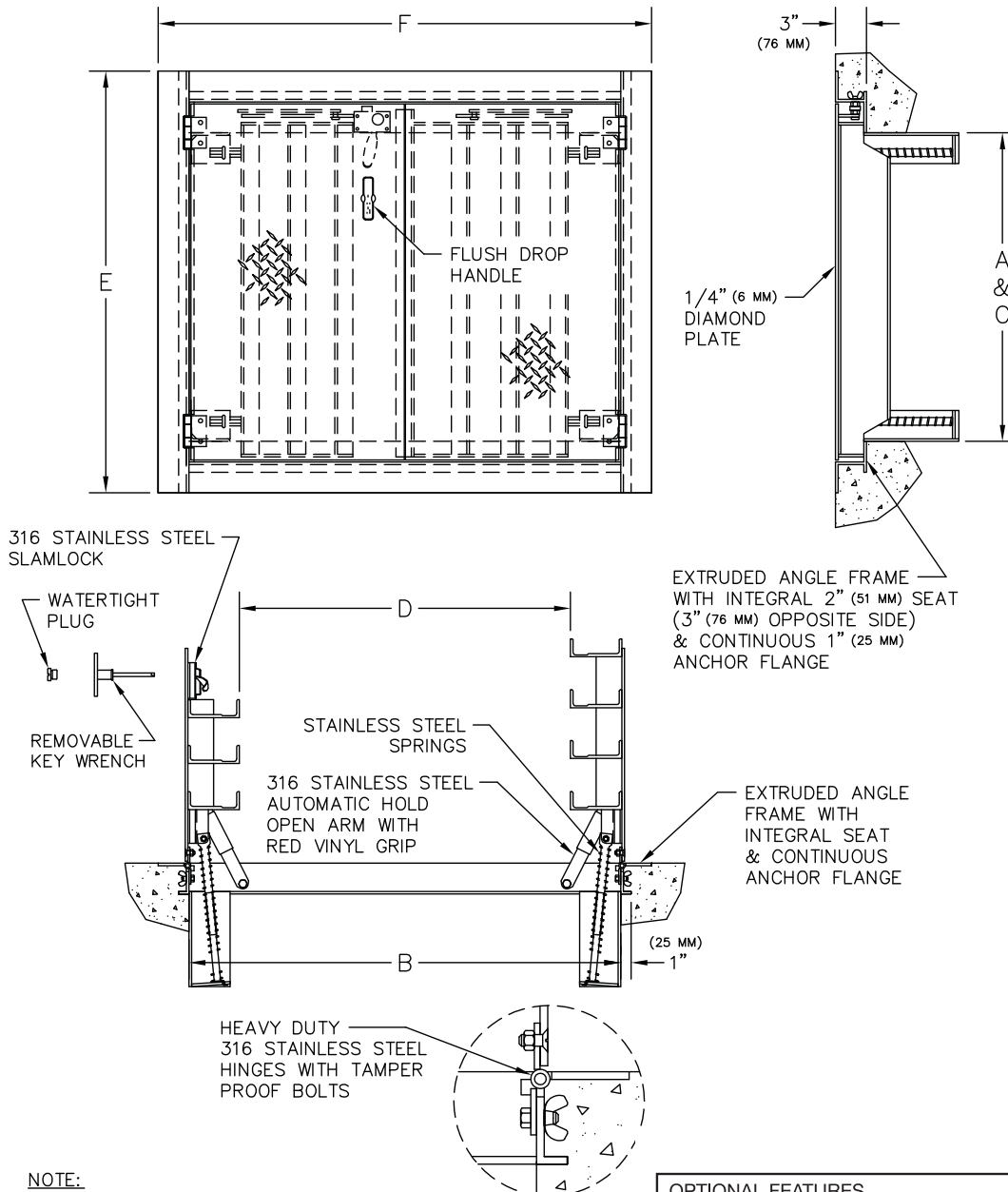


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BA-FA-H20

ANGLE FRAME FLOOR DOOR H20 LOADING - DOUBLE LEAF

NOMINAL DOOR SIZE	FRAME OPENING		CLEAR OPENING		OVERALL SIZE		WEIGHT
in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	LBS. (KG)
48 x 48 (610 x 610)	48 (1219)	48 (1219)	48 (1219)	36 (914)	59 (1499)	54 (1372)	221 (100)
48 x 72 (610 x 1829)	48 (1219)	72 (1829)	48 (1219)	60 (1524)	59 (1499)	78 (1981)	330 (150)
60 x 60 (1524 x 1524)	60 (1524)	60 (1524)	60 (1524)	44 (1118)	71 (1803)	66 (1676)	399 (181)



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- BITUMINOUS COATING IS APPLIED TO AREA OF FRAME IN CONTACT WITH CONCRETE.

OPTIONAL FEATURES

- ☐ RECESSED STAPLE FOR PADLOCK
- ☐ OTHERS: _____

JOB NAME:
CUSTOMER:

APPROVED BY:
DATE: