

# **SERIES F1K ACCESS COVER**

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**VENDOR DATA**

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## **MATERIAL DATA SHEET**

### Access Frames and Covers

1. Door leaf shall be 3/16-in. thick type 316 stainless steel diamond pattern plate, reinforced with a ¼-in. stainless steel flat bar to attain a 625 lb/ft<sup>2</sup> (3051.52 kg/m<sup>2</sup>) live load.
2. Frame members shall be ¼-in. thick mill finish Type 316 stainless steel.
3. The following items shall be Type 316 Stainless Steel: hinges, hold-open arm and all attaching hardware.
4. Units shall carry a Lifetime Guarantee against defects in material and/or workmanship.

## Series F1K Access Covers

### **STANDARD FEATURES:**

Stainless steel compression spring assist  
T-316 stainless steel hold-open arm with positive locking  
T-316 stainless steel hinges and attaching hardware  
Stainless steel pressure locks  
¼-in. EPDM compression gasket  
Single leaf construction  
625 lb/ft<sup>2</sup> (3051.52 kg/m<sup>2</sup>) live load  
Lifetime guarantee

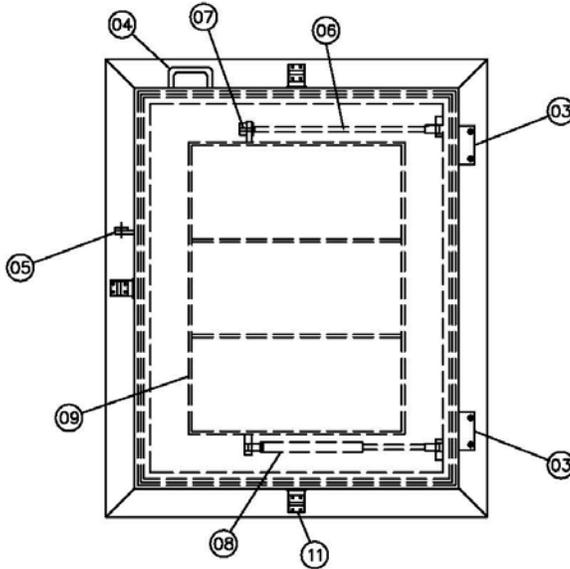
### **SPECIFICATION:**

The F1K series access frames and covers as manufactured by Halliday Products, Inc. of Orlando, Florida shall have a ¼-in. thick mill finish, type 316 stainless steel frame designed for surface mounting. Door panel shall be 3/16-in. stainless steel diamond plate, reinforced to withstand a 10-foot column of stationary water, or approximately 625 lb/ft<sup>2</sup> (3051.52 kg/m<sup>2</sup>) live load. Door shall incorporate a 90 degree return flange around the perimeter. Stainless steel pressure locks shall be provided to work in conjunction with a ¼-in. thick EPDM compression gasket, mounted to the underside of the door, to insure minimal water intrusion. Door shall open to 90 degrees and automatically lock with a T-316 stainless steel hold-open arm with an anodized aluminum release handle. For ease of operation the hold-open arm shall incorporate enclosed stainless steel compression spring assists. Hinges and all fastening hardware shall be T-316 stainless steel. Unit shall lock with padlock lugs. Unit shall carry a Lifetime guarantee against defects in material and/or workmanship.

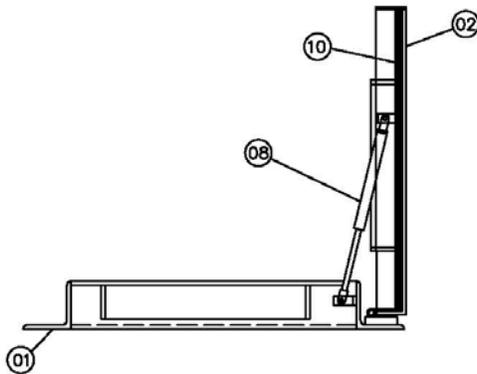


**SERIES FIK ACCESS COVER**

**STANDARD COMPONENT PARTS**



- ① ANGLE FRAME
- ② DIAMOND PLATE COVER
- ③ HINGES W/ HARDWARE
- ④ LIFTING HANDLE
- ⑤ PADLOCK LUG
- ⑥ HOLD-OPEN ARM
- ⑦ POSITIVE LOCKING LATCH
- ⑧ SPRING ASSIST
- ⑨ COVER REINFORCEMENT
- ⑩ GASKET
- ⑪ PRESSURE LOCK

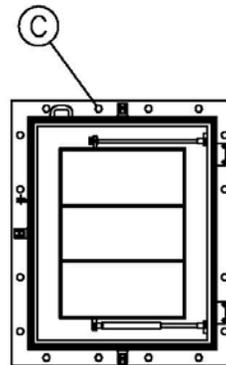
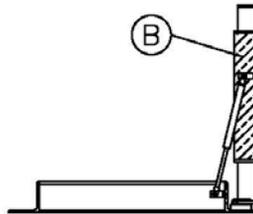
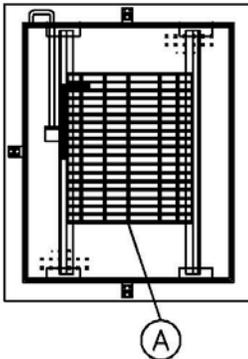


F1K PARTS LIST - R0



**SERIES F1K - OPTIONS**

- (A) RETRO-GRATE
- (B) 2" INSULATION W/ CAPTIVE PAN
- (C) SHOP DRILLED MOUNTING HOLES



F1K OPTIONS LIST - R0

## **STORAGE, HANDLING, INSTALLATION and MAINTENANCE**

### **STORAGE:**

Prior to installation, access covers should be stored in a dry area on the original shipping pallets.

### **HANDLING:**

Standard practice precautions should be taken whenever handling or moving palletized access covers by forklift.

### **INSTALLATION:**

For proper installation, Halliday Products, Inc. recommends the following:

1. Assure slab at opening must be level and free of all debris.
2. Place unit in bed of suitable construction adhesive and attach to surface with ½” diameter stainless steel expansion or hex head bolts of sufficient length to secure unit in place.
3. Remove excess construction adhesive from surrounding concrete.
4. Close cover and employ padlock.

### **MAINTENANCE:**

Because F1K access covers manufactured by Halliday Products, Inc. are of all stainless steel construction, they require minimal maintenance. For optimum product life the manufacturer recommends the following procedures be performed annually:

1. Apply graphite to the interior of all locking devices.
2. Apply a light coating of machine oil to all hinges and hardware.
3. Remove all debris from the cover seat and around hinges.
4. Check and tighten any loose hardware.



## LIMITED WARRANTY

Halliday Products, Inc., a Florida Corporation (“Company”) warrants to the original customer the stainless steel access frame and cover will be free from defective material or faulty workmanship for the life of the unit. In the event of malfunction or other indication of failure attributable directly to defective material or faulty workmanship, Company will, upon receipt of a written notification from customer of such defective material or faulty workmanship, at its option and expense, repair or replace the defective frame and cover, or a component thereof, to whatever extent Company shall deem necessary to restore the frame and cover, or a component thereof, to proper operating condition. Company may replace the defective frame and cover, or a component thereof, with either a new or remanufactured, functionally equivalent frame and cover or component thereof at the Company’s option. **THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER OR NOT STATUTORY, OR EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE EXCLUSIVE REMEDY FOR DEFECTIVE FRAME AND COVER SHALL BE ONLY IN CONTRACT, WHETHER OR NOT CAUSED BY A DEFECTIVE FRAME AND COVER, OR NEGLIGENCE. COMPANY’S LIABILITY FOR LOSS OR DAMAGES SHALL NOT EXCEED THE PRICE PAID BY CUSTOMER FOR THE FRAME AND COVER, REGARDLESS OF THE FORM OF ANY CLAIM. IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, OR PUNITIVE DAMAGES WHATSOEVER RESULTING FROM ANY DEFECTIVE FRAME AND COVER OR COMPONENT THEREOF. IF MODIFICATION OR ALTERATION IS MADE TO THE FRAME AND COVER OR COMPONENT THEREOF BY OTHER THAN COMPANY AUTHORIZED PERSONS, OR IF IT IS INSTALLED IMPROPERLY, OR MISUSED, ABUSED AND/OR NEGLECTED, THIS LIMITED WARRANTY IS NULL AND VOID AND OF NO EFFECT. THIS LIMITED WARRANTY DOES NOT APPLY AND THE COMPANY WILL HAVE NO RESPONSIBILITY HEREUNDER FOR NORMAL WEAR AND TEAR.**

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