

SERIES S1K & S2K ACCESS COVERS

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L i m i t e d W a r r a n t y

VENDOR DATA

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MATERIAL DATA SHEET

Access Frames and Covers

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 300 lb/ft² (1462 kg/m²) live load.

1. Frame members shall be ¼-in. thick mill finish type 316 stainless steel.
2. The following items shall be Type 316 Stainless Steel: hinges, hold-open arm and all attaching hardware.
3. Units shall carry a Lifetime Guarantee against defects in material and/or workmanship.

Series S1K and S2K Access Frames and Covers

STANDARD FEATURES:

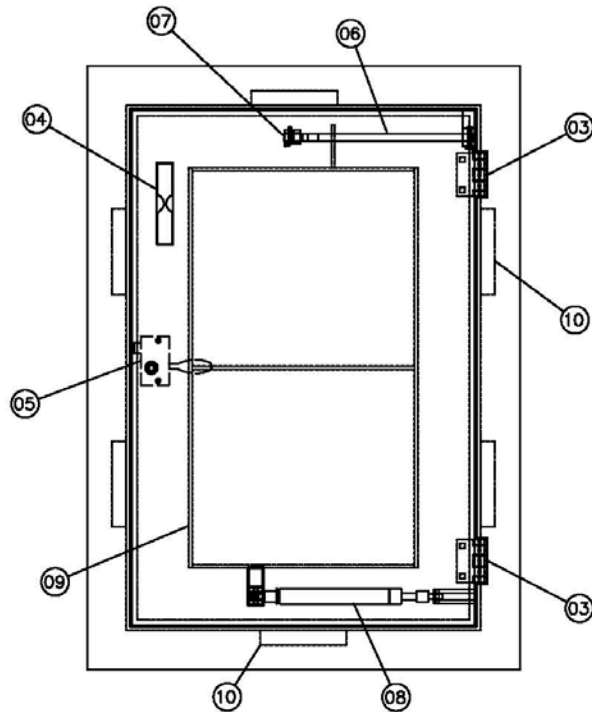
Stainless steel compression spring assist
Auto-Lock T-316 stainless steel hold-open arms with release handle
T-316 stainless steel hinges and attaching hardware
T-316 stainless steel slam lock with removable key
Single or double leaf construction
300 lb/ft² (1462 kg/m²) live load.
Lifetime guarantee

SPECIFICATION:

The S1K (single leaf) and S2K (double leaf) series access frames and covers as manufactured by Halliday Products, Inc. of Orlando, Florida shall have a ¼-in. thick one-piece, mill finish, type 316 stainless steel frame, incorporating concrete anchor plates 18-in. on-center. Door panel(s) shall be 3/16-in. stainless steel diamond plate, reinforced to withstand a 300 lb/ft² (1462 kg/m²) live load. Door(s) shall open to 90 degrees and automatically lock with T-316 stainless steel hold-open arm(s) with anodized aluminum release handle(s). For ease of operation the hold-open arm shall incorporate enclosed stainless steel compression spring assists. Door(s) shall close flush with the frame. Hinges and all fastening hardware shall be T-316 stainless steel. Unit shall lock with a T-316 stainless steel slam lock with removable key and have a stainless steel lifting handle. Unit shall carry a Lifetime guarantee against defects in material and/or workmanship.

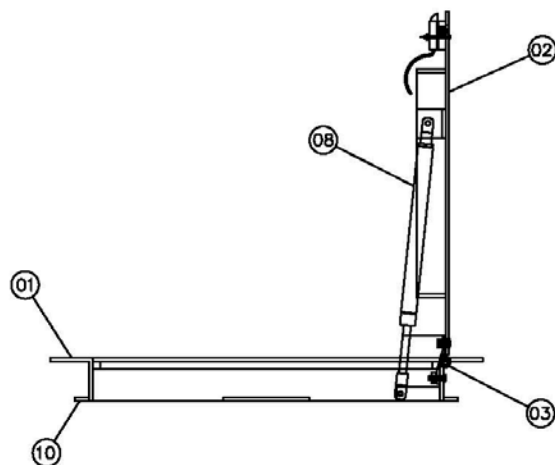


SERIES S1K ACCESS COVER



STANDARD COMPONENT PARTS

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



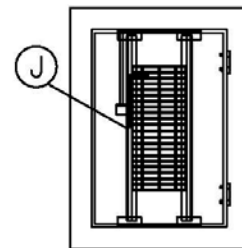
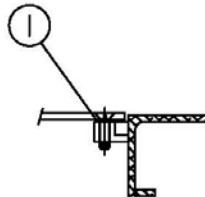
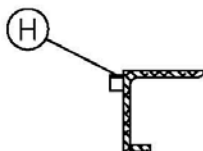
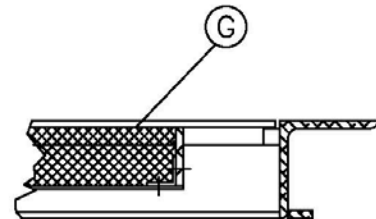
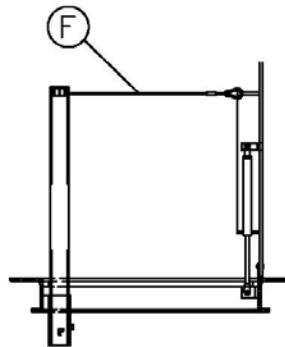
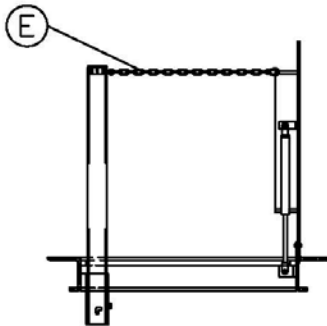
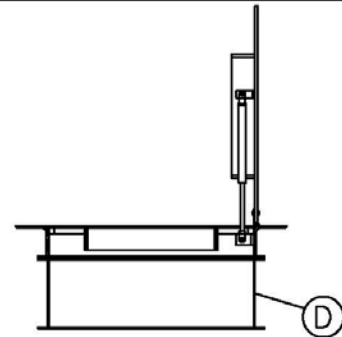
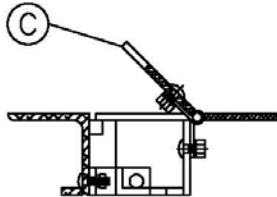
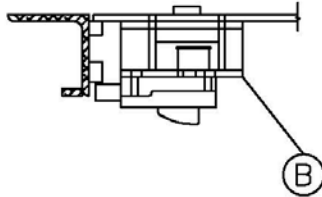
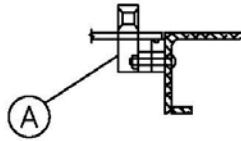
S1K PARTS LIST - R0



SERIES S1K - OPTIONS

- (A) PADLOCK BAR
- (B) KEYED CYLINDER LOCK
- (C) RECESSED LOCK BOX
- (D) SLAB SKIRTING
- (E) SAFETY POST & CHAIN

- (F) SAFETY POST & CABLE
- (G) INSULATION W/ CAPTIVE PAN
- (H) GASKET
- (I) BOLT DOWN
- (J) RETRO-GRADE

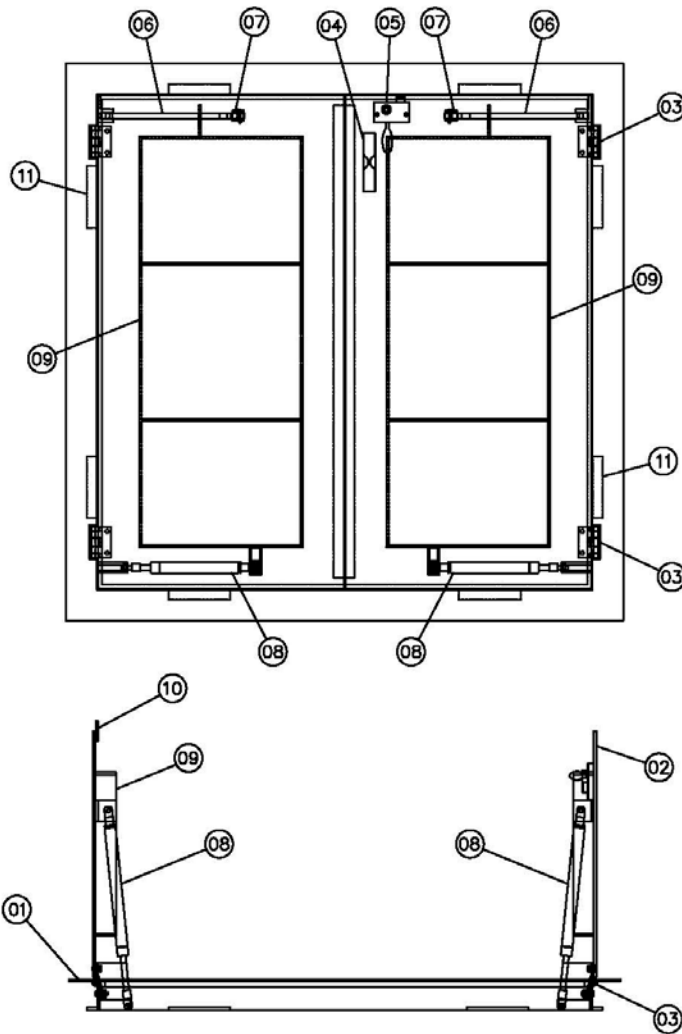


S1K OPTIONS LIST - R0



SERIES S2K ACCESS COVER

STANDARD COMPONENT PARTS



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

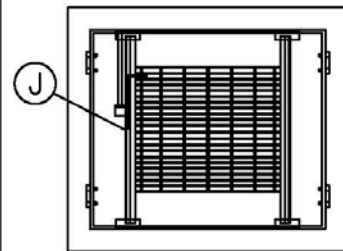
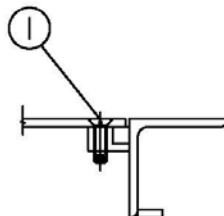
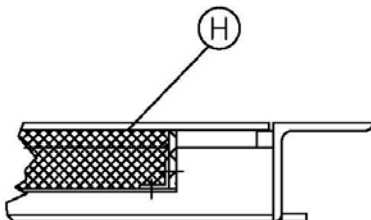
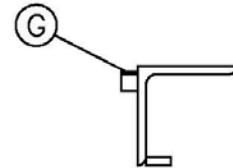
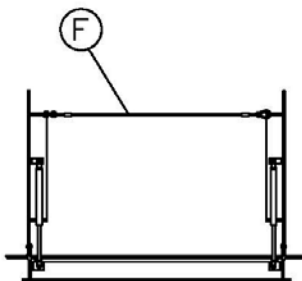
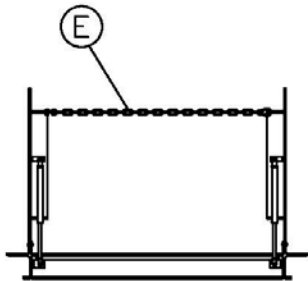
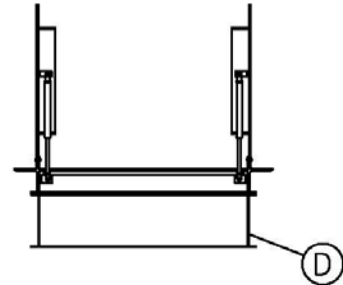
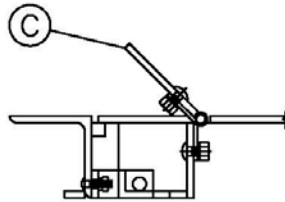
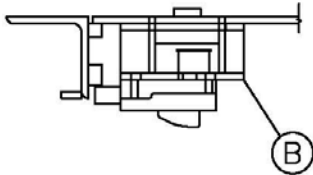
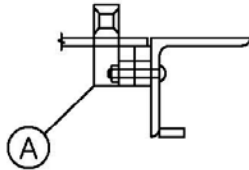
S2K PARTS LIST - R0



SERIES S2K - OPTIONS

- (A) PADLOCK BAR
- (B) KEYED CYLINDER LOCK
- (C) RECESSED LOCK BOX
- (D) SLAB SKIRTING
- (E) SAFETY CHAIN

- (F) SAFETY CABLE
- (G) GASKET
- (H) INSULATION W/ CAPTIVE PAN
- (I) BOLT DOWN
- (J) RETRO-GRATE



S2K 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. Formwork must be flush to the inside of frame.
2. Secure unit to formwork using standard construction practices.
3. When pouring concrete, cover should be in the closed position.
4. Concrete to finish flush with top of unit framework.
5. Unit shall be left in framework for not less than 24 hours.
6. Clean all excess concrete from frame & over seat.

MAINTENANCE:

Because S1K & S2K 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 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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