

CG3S

Sliding Flood Barrier with Mechanical Seals

This flood barrier stays at the opening but is tucked away behind a wall or covered enclosure when not in use. And with a flush bottom sill, the CG3S is ideal for high traffic environments.

Because these doors are engineered with mechanical seals, no air pressure or power is needed and maintenance requirements are minimal.

Every CG3S is custom built to your exacting dimensions. For existing openings, the frame is mounted to the face of the building with expansion anchors; a trench is cut into the existing concrete floor and the sill is cast in place. For new construction, the track and frame are poured in place.

COMPLETE FLOOD PROTECTION IN UNDER ONE MINUTE

When floodwaters threaten, simply open the hinged sill and jamb cover plates and roll the aluminum barrier into place. Simply turn the compression handles and the opening is secured.

APPLICATIONS — THE CG3S AT WORK...

The CG3S is ideal for environments where heavy traffic requires a flush floor sill but fast and easy deployment is desired with minimal aesthetic impact. Because the barrier is hidden from view when not in use, remote storage and deployment logistics are eliminated.

- ▶ Flood barrier is stored at site like a "pocket door"
- ▶ A flush bottom sill makes the CG3S ideal for high traffic openings
- ▶ Compression gaskets provide maximum protection with minimum maintenance
- ▶ No need for power or compressed air
- ▶ Appropriate for either new or existing construction



PRODUCT SPECIFICATIONS

CG3S

Size	Custom built to match opening size
Panel	6061-T6 Aluminum plate
Frame & Track	Low carbon steel (stainless steel & aluminum optional)
Seals	Presray type 25 durometer, fully-molded neoprene (other materials are available for special environments)
Hardware	Shrouds: 6061-T6 Aluminum (other materials available) Compression Handles: Presray type handles with stainless steel rollers
Finish	Panel: Bright 6061-T6 Aluminum Plate Conversion Frame: Primed with rust inhibitive, lead free, red primer.

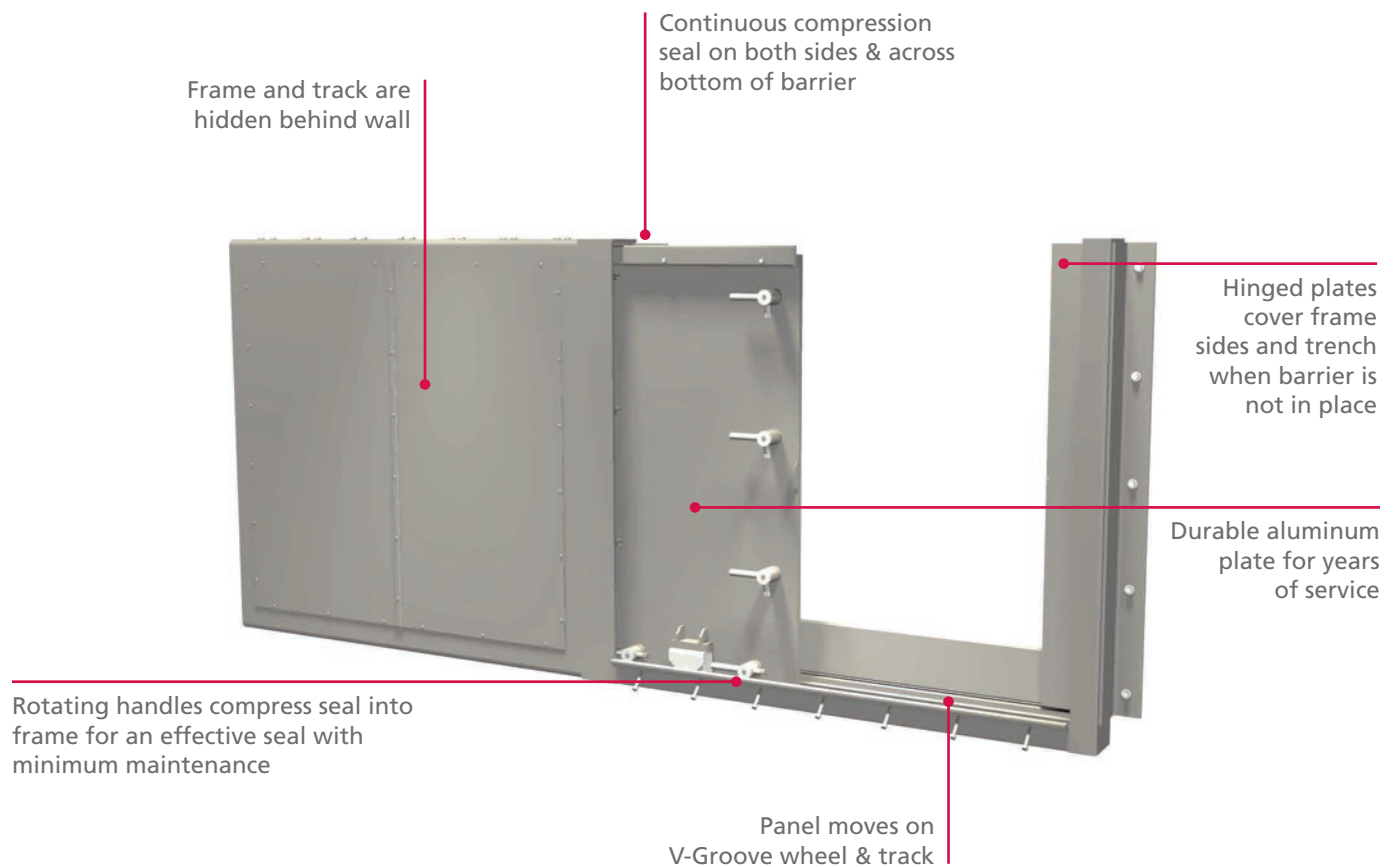
AVAILABLE OPTIONS

- ▶ Conversion Frame and Track available in stainless steel & aluminum
- ▶ Compression Gaskets available in Viton® and other materials
- ▶ Hinged cover plates for jamb sides and floor sill available in a variety of materials

CUSTOM BUILT TO MEET YOUR REQUIREMENTS

Every CG3S Flood Barrier is custom built from shop drawings to ensure that it meets the special needs of your building or facility.

Barrier is designed with a minimum of a 2:1 factor of safety based on material yield strength, and will provide an effective seal against the flood level for which it is designed.



FOR MORE INFORMATION

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