



Z899-100 Stainless Steel Elevator Drain System

Meets code. Keeps the path clear.

When safety comes down to seconds, you want an elevator trench drain system that puts compliance first with every built-in feature.

The Z899-100 Stainless Steel Elevator Trench Drain System provides a 100 gpm flow rate to prevent water from cascading into the elevator shaft – ultimately allowing fire personnel access and egress in the case of an emergency.

Designed to fit in front of any elevator door or bank, the Z899-100 installs seamlessly, adds aesthetics, and adheres to the latest building and fire codes.



Z899-100

PAT. NO. U.S. 9,777,489 U.S.
10,975,583 Patents Pending

Clear the Way

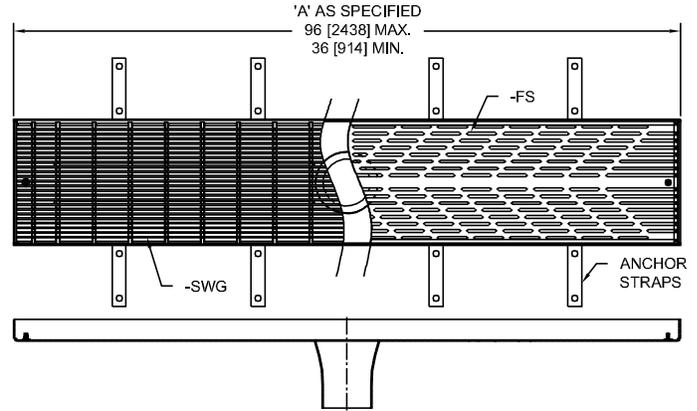
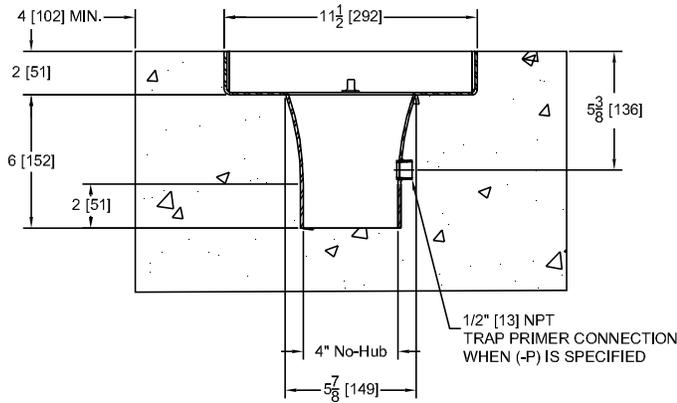
- Heel-proof grating keeps foot traffic moving
- Throat ensures fast 100 gpm water evacuation
- Depth allows for proper drainage, yet shallow installation
- Stainless steel construction withstands wear and tear of everyday use

Comply with All Codes

- Complete system meets 2013 California Building Code 403.6.1, 403.6.2, 3007.4, 3008.4
- Additionally complies with 2013 San Francisco Fire Code, Section 511.1.4
- Grating fits securely and follows ADA compliance
- Adaptive design is positioned to meet emerging code adoption
- Expert assistance on hand to verify plans, specs, and code requirements

Customize Your Solution

- Design your system to meet installation requirements, while providing pleasing aesthetics
- Available in lengths from 36" to 96" with bottom center outlet
- Easy-to-remove grating provides accessible cleaning and maintenance



Z899-100 Elevator Trench Drain System with Center Outlet Engineering Specification

Overall channel width is 11-1/2" [292 mm] and includes 5-7/8" [149 mm] throat. Fabricated stainless steel channel meets ASTM A-240 (type 304) and features anchoring straps. The outlet on each channel is centered. Custom SWG stainless steel wire grate conforms to ASTM A-240 (type 304) and locks down to the channel with vandal-proof flathead machine screws.

This grate is designed to comply with Class A per the DIN EN1433 load classification, in addition to being tested to 2,500 lbs per ASME A112.6.3, and has an open area of 83.74 sq. in./linear foot [1,1771.94 sq. cm/linear meter]. Optional FS fabricated slotted grate has an open area of 34.13 sq. in./linear foot [722.19 sq. cm/linear meter] and also complies with ADA and heel-proof requirements. System design complies with SFFC Code, Section 511.1 for a 100 gpm flow rate. (Replaces Z895-94 and Z899)

NOTE: Minimum dimensional requirements must be met to satisfy 100 gpm flow rate specification.

Grate Options

- FS Fabricated Stainless Steel Slotted Grate (open area = 34.13 sq-in/linear foot)
- SWG Stainless Wire Grate (open area = 83.74 sq-in/linear foot)

