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

The Z899 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 installs seamlessly, adds aesthetics, and adheres to the latest building and fire codes.

Clear the Way
- Heel-proof grating keeps foot traffic moving
- 9-3/8” throat ensures fast 100 gpm water evacuation
- 2-1/4” to 3-1/4” 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 or end outlet configurations
- Easy-to-remove grating provides accessible cleaning and maintenance
Z899 Elevator Trench Drain System with Center Outlet Engineering Specification

Overall channel width is 11-1/2” [292mm] and includes 9-3/8” [238mm] 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 rated for Class A per the DIN EN1433 top load classification, complies with both ADA and heel-proof requirements, and has an open area of 64.9 sq. in/ft. [1373.7 sq. cm/m]. Optional FS fabricated slotted grate has an open area of 35.91 sq. in/ft [760.1 sq. cm/m] 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)

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

Z899-EO Elevator Trench Drain System with End Outlet Engineering Specification

Overall channel width is 11-1/2” [292 mm] and includes 9-3/8” [238 mm] throat. Fabricated stainless steel channels meet ASTM A-240 (type 304) and feature anchoring straps. The outlet on each channel is located 6” [152 mm] from the end. Channels include custom -SWG stainless steel wire grate, per ASTM A-240 (type 304), that locks down to the channel with vandal-proof flathead machine screws.

This grate is rated for Class A per the DIN EN1433 top load classification, complies with both ADA and heel-proof requirements, and has an open area of 64.9 sq. in/ft. [1373.7 sq. cm/m]. Optional -FS fabricated slotted grate has an open area of 35.91 sq. in/ft [760.1 sq. cm/m] 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)

NOTE: Minimum Dimensional requirements must be met to satisfy 100 GPM flow rate specification.