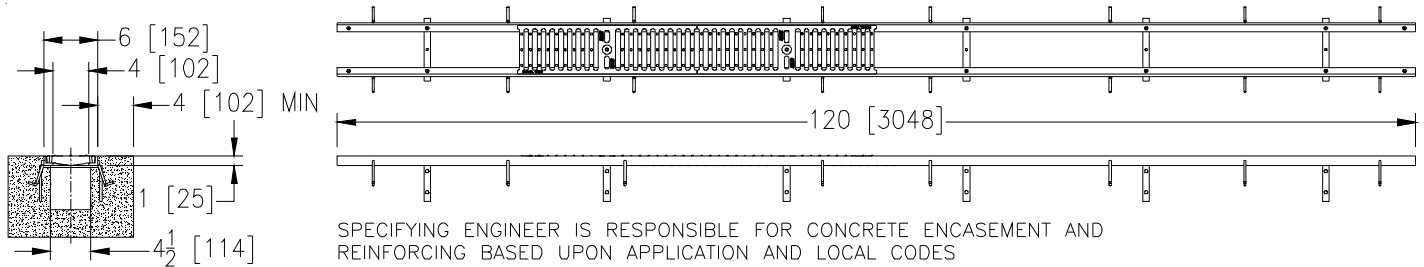


Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice



ENGINEERING SPECIFICATION: Zurn Z706

Frame and Grate System shall be 120 [3048] long, 6 [152] wide and have a 4 [102] clear opening. Frame shall mechanically lock into the concrete surround every 10 [254]. Shall be provided with standard DGC grates that lock down to frame. Zurn 6 [152] wide reveal Ductile Iron Slotted Grate conforming to ASTM specification A536-84, Grade 80-55-06. Ductile Iron grate is rated class C per the DIN EN1433 top load classifications. Supplied in 20 [508] nominal lengths with 1/2 [13] wide slots, and 3/4 [19] bearing depth. Grate has an open area of 18.57 sq. in per ft. [39,307 sq. mm per meter]. The 1/4 [6] thick Heavy-Duty Carbon Steel Frame Assembly conforms to ASTM specification A36 with 12 - 4 [102] long concrete anchors per 120 [3048]. Grate lockdown bars are to be integral to the frame. The frame is supplied with a powder coated finish. All welds must be performed by a certified welder per ASTM standard AWS D1.1. Frames Shall be produced in the U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

- Z Ten-foot, Heavy Duty Carbon Steel Frame with Anchor Studs*

SUFFIX OPTIONS (Check/specify appropriate options)

Frame Options

- CBF Black Acid Resistant Coated Frame
- GFA Galvanized Frame Assembly
- SF Type 304 Stainless Steel Top Frame

Grate Options (Load Classifications are per DIN EN1433)

- BDC Black Acid Resistant Epoxy Coated Ductile Grate - Class C
- BDE Black Acid Resistant Epoxy Coated Ductile Grate - Class E
- BG Galvanized Ductile Iron Bar Grate - Class C
- DBG Ductile Iron cast Bar Grate - Class C
- DC Ductile Iron Solid Cover - Class C
- DGC Ductile Iron Slotted Grate - Class C *
- DGE Ductile Iron Slotted Grate - Class E
- GDC Galvanized Ductile Slotted Grate - Class C
- GDE Galvanized Ductile Slotted Grate - Class E
- GG Fiberglass Grate - Class A
- GHPD Galvanized Heel-Proof Ductile Grate - Class B
- GHPDE Galvanized Heel-Proof Ductile Grate - Class E
- HPD Heel-Proof Ductile Slotted Grate - Class B
- HPDE Heel-Proof Ductile Slotted Grate - Class E
- HPP Heel-Proof Polyethylene Grate - Class A
- RFG Reinforced Galvanized Steel Slotted Grate - Class B
- RFGC Reinforced Slotted Galvanized Grate - Class C
- RFSC Reinforced Slotted Stainless Steel Grate - Class C
- RPG Reinforced Galvanized Perforated Grate - Class B
- RPGC Reinforced Perforated Galvanized Grate - Class C
- RPGR Reinforced Galvanized Perforated Reverse Punch Anti-Slip Grate - Class B
- RPGRC Reinforced Perforated Galvanized Reverse Punch Grate - Class C
- RPSC Reinforced Perforated Stainless Steel Grate - Class C
- RPSRC Reinforced Perforated Stainless Steel Reverse Punch Grate - Class C
- SC Fabricated Stainless Solid Cover - Class A

Miscellaneous Options

- VP Vandal-Proof Lockdown
- RC Rebar Clip

Decorative Grate Options (Load Classifications are per DIN EN1433)

- BCD Bronze Circular Decorative Grate - Class A
- BDD Bronze Diagonal Decorative Grate - Class A
- DCD Ductile Iron Circular Decorative Grate - Class C
- DDD Ductile Iron Diagonal Decorative Grate - Class A
- DOG Ductile Iron Decorative Grate - Class A
- DTW Decorative Tidal Wave Grate, Ductile Iron - Class C
- DWV Ductile Wave Decorative Grate - Class A
- HPB Heel-Proof Bronze Slotted Grate - Class A
- HPS Heel-Proof Stainless Steel Slotted Grate - Class A
- SBG Stainless Steel Bar Grate - Class E
- SCD Stainless Steel Circular Decorative Grate - Class B
- SDD Stainless Steel Diagonal Decorative Grate - Class B
- SMG Stainless Steel Mesh Screen Grate - Class B
- SOG Stainless Steel Decorative Grate - Class B

MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- AWG Aluminum Wire Grate - Class A
- BDE-USA Black Acid Resistant Epoxy Coated Ductile Grate - Class E
- DCE-USA Solid Cover, Dura-Coated Ductile Iron - Class E
- DGC-USA Ductile Iron Slotted Grate - Class C
- DGE-USA Ductile Iron Slotted Grate - Class E
- FG Fabricated Galvanized Steel Slotted Grate - Class A
- FS Fabricated Stainless Steel Slotted Grate - Class A
- GDC-USA Galvanized Ductile Slotted Grate - Class C
- GDE-USA Galvanized Ductile Slotted Grate - Class E
- GHPDE-USA Galvanized Heel-Proof Ductile Grate - Class E
- GMG Galvanized Mesh Screen Grate - Class B
- HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
- PPC Plastic Perforated Grate - Class A
- PG Perforated Galvanized Steel Grate - Class A
- PGR Galvanized Perforated Reverse Punch Anti-Slip ADA Grate - Class A
- PS Perforated Stainless Steel Grate - Class A

Decorative MADE in the U.S.A. (Load Classifications are per DIN EN1433)

- BZ Bronze Decorative Grate - Class A
- NBZ-USA Nickel Bronze Decorative Grate - Class A
- PDE-USA Ductile Iron Perforated ADA Grate - Class E
- PSR Perforated Stainless Steel Raised Grate - Class A
- SWG Stainless Steel Wire Grate - Class A

* Regularly furnished unless otherwise specified.