



Z706-HDS

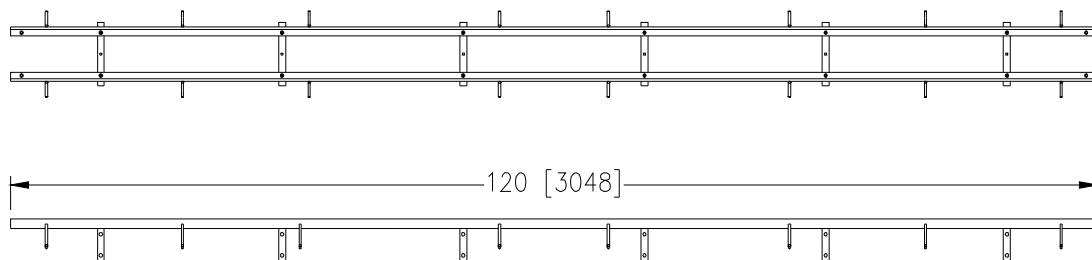
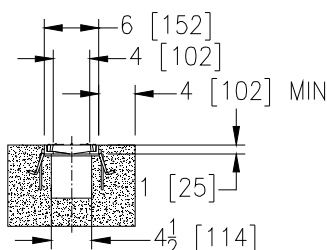
6 [159] WIDE REVEAL FRAME AND GRATE SYSTEM WITH TYPE 304 STAINLESS STEEL FRAME

SPECIFICATION SHEET

TAG _____

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

SPECIFYING ENGINEER IS RESPONSIBLE FOR CONCRETE
ENCASEMENT AND REINFORCING BASED UPON APPLICATION
AND LOCAL CODES



ENGINEERING SPECIFICATION: Zurn Z706-HDS

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 SBG grates that lock down to frame. Zurn 6 [152] wide reveal Stainless Steel cast Bar Grate conforming to ASTM specification A351, Grade CF8 (type 304), cast grate is rated class E per the DIN EN1433 top load classification. Supplied in 20 [508] nominal lengths with 5/16 [8] wide slots, and 3/4 [19] bearing depth. Grate has an open area of 23.93 sq. in per ft. [50,651 sq. mm per meter]. The 0.105 [2.66] thick Heavy-Duty Stainless Steel Frame Assembly conforms to ASTM specification A-240 (type 304), with 12 - 4 [102] long concrete anchors per 120 [3048]. Grate lockdown bars are to be integral to the frame. All welds must be performed by a certified welder per ASTM standard AWS D1.6. Frames Shall be produced in the U.S.A.

PREFIX OPTIONS (Check/specify appropriate options)

___ Z Ten-foot, Type 304 Stainless Steel Frame with Anchor Studs*

SUFFIX OPTIONS (Check/specify appropriate options)

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
- ___ -DC Ductile Iron Solid Cover - Class C
- ___ -DGC Ductile Iron Slotted Grate - Class C
- ___ -HPD Heel-Proof Ductile Slotted Grate - Class B
- ___ -HPDE Heel-Proof Ductile Slotted Grate - Class E
- ___ -HPP Heel-Proof Polyethylene Grate - Class A
- ___ -SBG Cast Stainless Steel Bar Grate - Class E *
- ___ -RFSC Reinforced Slotted Stainless Steel Grate - Class C
- ___ -RPSC Reinforced Perforated Stainless Steel Grate - Class C
- ___ -RPSRC Reinforced Perforated Stainless Steel Reversed Punch Grate - Class C

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
- ___ -DWV Ductile Wave Decorative Grate - Class A
- ___ -HPB Heel-Proof Bronze Slotted Grate - Class A
- ___ -HPS Heel-Proof Stainless Steel Slotted Grate - Class A
- ___ -SCD Stainless Steel Circular Decorative Grate - Class B
- ___ -SDD Stainless Steel Diagonal Decorative Grate - Class B
- ___ -SOG Stainless Steel Decorative Grate - Class B

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

- ___ -BDE-USA Black Acid Resistant Epoxy Coated Ductile Grate - Class E
- ___ -DGC-USA Ductile Iron Slotted Grate - Class C
- ___ -DGE-USA Ductile Iron Slotted Grate - Class E
- ___ -FS Fabricated Stainless Steel Slotted Grate - Class A
- ___ -GG Fiberglass Grate - Class A
- ___ -HPDE-USA Heel-Proof Ductile Slotted Grate - Class E
- ___ -PPC Plastic Perforated 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 Nickel Bronze Decorative Grate - Class A
- ___ -PSR Perforated Stainless Steel Raised Grate - Class A
- ___ -SWG Stainless Steel Wire Grate - Class A

* Regularly furnished unless otherwise specified.

Zurn Industries, LLC | Specification Drainage Operation

1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 • Ph. 855-663-9876, Fax 814-454-7929

In Canada | Zurn Industries Limited

3544 Nashua Drive, Mississauga, Ontario L4V 1L2 • Ph. 905-405-8272, Fax 905-405-1292

www.zurn.com

Rev. E

Date: 07/23/14

C.N. No. 131263

Prod. | Dwg. No. Z706-HDS