

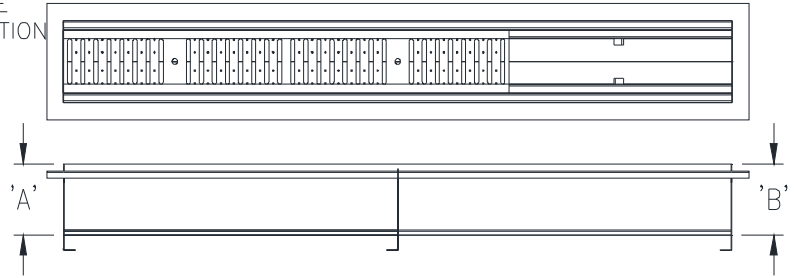
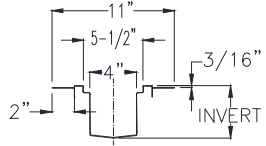


# Z890-87

## 7 [178] WIDE REVEAL TRENCH DRAIN SYSTEM WITH LIQUID MEMBRANE FLANGE

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 Z890-87**

Channels are 60" [1524 mm] long, 7" [178 mm] wide and have a 4" [102 mm] throat. Modular channel sections are made of #16 ga. fabricated Stainless Steel conforming to ASTM A-240 (type 304). Channels have a bolted, flanged connection between channel sections that will not separate during the installation, gaskets available. Channels provided with a welded liquid membrane flange. Channels weigh less than 2.31 lbs. [1.05kg] per linear foot, have a smooth, 1-1/2" [38 mm] radiused self cleaning bottom with a Manning's coefficient of .009 and 1.04% or neutral 0% built in slope. Channels have feet for patty pour or leveling studs standard to secure trench in its final location. All welds must be performed by a certified welder per ASTM standard AWS D1.6. Channels produced in the U.S.A.

**PREFIX OPTIONS (Check/specify appropriate options)**

\_\_\_ Z Five-foot, Type 304 Stainless Steel\*

**SUFFIX OPTIONS (Check/specify appropriate options)**

**Outlet Adapters Add/Each**

- \_\_\_ -E1 Closed End Cap
- \_\_\_ -E2 2 [51] No-Hub End Outlet
- \_\_\_ -E3 3 [76] No-Hub End Outlet
- \_\_\_ -E4 4 [102] No-Hub End Outlet
- \_\_\_ -U2 2 [51] No-Hub Bottom Outlet
- \_\_\_ -U3 3 [76] No-Hub Bottom Outlet
- \_\_\_ -U4 4 [102] No-Hub Bottom Outlet

**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
- \_\_\_ -DGE Ductile Iron Slotted Grate - Class E
- \_\_\_ -DGE-NA Ductile Iron Slotted Grate - Class E - North American
- \_\_\_ -GG Fiberglass Grate - Class A
- \_\_\_ -HPD Heel-Proof Ductile Slotted Grate - Class B
- \_\_\_ -HPDE Heel-Proof Ductile Slotted Grate - Class E
- \_\_\_ -HPP Heel-Proof Polyethylene Grate - Class A
- \_\_\_ -LD Ductile Iron Longitudinal Slotted Grate - Class B
- \_\_\_ -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

**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 B
- \_\_\_ -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 Grate - Class B
- \_\_\_ -SOG Stainless Steel Decorative Grate - Class B

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

- \_\_\_ -BDE 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 \*
- \_\_\_ -PPC Plastic Perforated Grate - Class C
- \_\_\_ -PS Perforated Stainless Steel Grate - Class A

Trench No.	Dimensions in Inches [mm]		Flow		
	'A'	'B'	(cfs)	(gpm)	(lps)
	Shallow Inv.	Deep Inv.			
89001	3.50 [89]	4.13 [105]	0.216	97	6
89002	4.13 [105]	4.75 [121]	0.276	122	8
89002N	4.75 [121]	4.75 [121]	-	-	-
89003	4.75 [121]	5.38 [137]	0.336	151	10
89004	5.38 [137]	6.00 [152]	0.399	179	11
89004N	6.00 [152]	6.00 [152]	-	-	-
89005	6.00 [152]	6.63 [168]	0.461	207	13
89006	6.63 [168]	7.25 [184]	0.524	235	15
89006N	7.25 [184]	7.25 [184]	-	-	-
89007	7.25 [184]	7.88 [200]	0.586	263	17
89008	7.88 [200]	8.50 [216]	0.651	292	18
89008N	8.50 [216]	8.50 [216]	-	-	-
89009	8.50 [216]	9.13 [232]	0.715	321	20
89010	9.13 [232]	9.75 [248]	0.778	349	22
89010N	9.75 [248]	9.75 [248]	-	-	-
89011	9.75 [248]	10.38 [264]	0.842	378	24
89012	10.38 [264]	11.00 [279]	0.907	407	26
89012N	11.00 [279]	11.00 [279]	-	-	-
89013	11.00 [279]	11.63 [295]	0.971	436	28
89014	11.63 [295]	12.25 [311]	1.036	465	29
89014N	12.25 [311]	12.25 [311]	-	-	-
89015	12.25 [311]	12.88 [327]	1.101	494	31
89016	12.88 [327]	13.50 [343]	1.165	523	33
89016N	13.50 [343]	13.50 [343]	-	-	-
89017	13.50 [343]	14.13 [359]	1.230	552	35
89018	14.13 [359]	14.75 [375]	1.295	581	37
89018N	14.75 [375]	14.75 [375]	-	-	-
89019	14.75 [375]	15.38 [391]	1.359	610	39
89020	15.38 [391]	16.00 [406]	1.424	639	40

**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

**Miscellaneous Options**

- \_\_\_ -DB Drop-In Bucket Strainer
- \_\_\_ -VP Vandal-Proof Lockdown

\* Regularly furnished unless otherwise specified.