PVC SQUARE FLOOR SINK

>> 861 SERIES

SPECIFICATION

Sioux Chief 861 Series SquareMax floor sink shall be used where necessary in drainage systems. Floor sink shall be molded from impact-modified PVC with Sch. 40 hub connection which conforms to ASTM D2665. Floor sink shall show no significant distortion at water temperatures up to 180°F. Strainer shall be heel-proof and shall meet all applicable load requirements for intended use. Floor sink shall be designed with a concrete anchor flange for solid installations. Sump area shall have smooth, pitched inner surfaces for quick and complete drainage. Designed in accordance with ASME A112.6.7-01

MATERIALS

Strainer: PVC, Nickel-bronze, stainless steel, ductile iron Body: PVC

STRAINER LOAD RATING

PVC: 1,000 lbs. (Light duty) Nickel-Bronze: 2,400 lbs. (Medium duty) Stainless Steel: 3,500 lbs. (Medium duty) Ductile Iron: 7,500 lbs. (Heavy duty)

STRAINER FREE AREA

PVC: 44 in² Nickel-Bronze: 35 in² Stainless Steel: 35 in² Ductile Iron: 40 in²

DIMENSIONS

Connection (Sch. 40 hub)	2"	3"	4"	6"
Overall height ¹	7-7/16"	8-5/16"	8-7/16"	9-1/2"
Sump depth	6-3/8"			
Top-to-flange	1-1/2"			
Flange diameter	14-1/8"			
Top diameter ²	11-3/16"			
	Overall height ¹ Sump depth Top-to-flange Flange diameter	Overall height17-7/16"Sump depth6-3/8"Top-to-flange1-1/2"Flange diameter14-1/8"	Overall height17-7/16"8-5/16"Sump depth6-3/8"Top-to-flange1-1/2"Flange diameter14-1/8"	Overall height ¹ 7-7/16" 8-5/16" 8-7/16" Sump depth 6-3/8"

1 add 7/16" for nickel-bronze or stainless ring/strainer. Add 9/16" for ductile ring/strainer 2 add 9/16" for nickel-bronze, stainless or ductile ring/strainer

Create Item Number

861-<u>ABC</u>

e.g. 861-3PZ2: SquareMax PVC floor sink with 3" hub connection and open-half, stainless ring & strainer

CONNECTION TYPE A

2 = 2" Sch. 40 hub **3** = 3" Sch. 40 hub **4** = 4" Sch. 40 hub **6** = 4" Sch. 40 hub

STRAINER TYPE B

- PX = No strainer sink only
 P = PVC strainer
 PN = Nickel-bronze ring/strainer
 PZ = Stainless steel ring/strainer
- **Pi** = Ductile iron ring/strainer

INSTALLED OPTIONS C

- \mathbf{D} = ABS dome bottom strainer¹
- \boldsymbol{U} = Aluminum dome bottom strainer^1
- **C** = Clamping collar PVC
- \mathbf{W} = Stainless steel mesh debris basket
- $\mathbf{2} = \text{Open-half strainer}^2$
- **2S** = Open-half strainer Split³
- $\mathbf{3} = \text{Open-quarter strainer}^2$
- \mathbf{V} = Vandal-resistant strainer screws
- **T** = Tapped trap primer port 1/2" FIP
- **F** = Round nik-brz condensate funnel
- **FA** = Round aluminum condensate funnel
- FO = Oval nik-brz condensate funnel
- 6 = ABS flat bottom strainer¹

Available separately:

ABS dome bottom strainer¹: 861-D Aluminum dome bottom strainer¹: 863-U PVC clamping collar with screws: 861-C Stainless mesh debris basket: 861-UM ABS flat bottom strainer¹: 861-6 Round nik-brz condensate funnel: 863-FN Round aluminum condensate funnel: 863-FN Oval nik-brz condensate funnel: 863-FNO

- 1 Not available for sinks with 6" connection
- 2 Not available for sinks with ductile iron strainer
- 3 Available for PVC strainer only

ITEM # SUBMITTED______ JOB NAME______ LOCATION ______ ENGINEER______ CONTRACTOR______ PO#_____TAG _____







SquareMax[™]