

PVC SQUARE FLOOR SINK

861 series

Square Max™

SPECIFICATION

Sioux Chief 861 Series Square Max floor sink shall be used where necessary in drainage systems. Drain shall be made with 100% acid/U.V./ impact/bacteria resistant PVC. Sch. 40 hub connection shall conform to ASTM D2665. Drain 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. Drain shall be designed with a concrete 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

ring/strainer: PVC, nickel-bronze, ductile iron

drain body: PVC

STRAINER LOAD RATING

PVC: 1,000 lbs. (light duty, pedestrian traffic)

nickel-bronze: 2,400 lbs. (medium duty)

ductile iron: 7,500 lbs. (heavy duty)

STRAINER FREE-AREA

PVC: 44 in²

nickel-bronze: 40 in²

ductile iron: 42 in²

DIMENSIONS

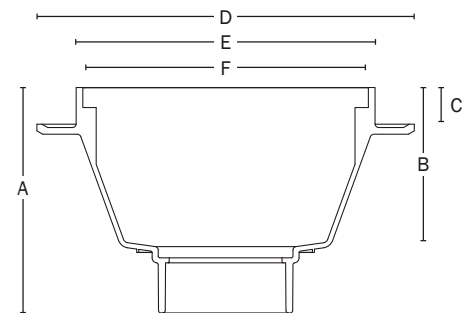
A: overall height*	2"	3"	4"	6"
	7 ⁷ / ₁₆ "	8 ⁵ / ₁₆ "	8 ⁷ / ₁₆ "	9 ¹ / ₂ "
B: sump height	6 ³ / ₈ "			
C: top to flange	1 ¹ / ₂ "			
D: flange diameter	14 ¹ / ₈ "			
E: outside rim	11 ³ / ₁₆ "			
F: inside rim	10 ¹¹ / ₁₆ "			
sump volume	606 in³			

* Add 7/16" for nickel strainer. Add 9/16" for ductile.

Item # Submitted	_____
Job Name	_____
Location	_____
Engineer	_____
Contractor	_____
PO#	_____ TAG _____



861-3P



Create Item Number

861- A B C

e.g. 861-3PW2 = Square Max floor sink with 3" hub connection, PVC open-half strainer, and SS mesh debris screen

A CONNECTION SIZE		C OPTIONS		ACCESSORIES	
☐ 2	2" Sch. 40 hub	☐ D	PVC dome bottom strainer ²	☐ 861-D	PVC dome bottom strainer
☐ 3	3" Sch. 40 hub	☐ U	aluminum dome bottom strainer ²	☐ 863-U	aluminum dome bottom strainer
☐ 4	4" Sch. 40 hub	☐ C	PVC clamping collar	☐ 861-UM	stainless steel mesh debris screen
☐ 6	6" Sch. 40 hub	☐ W	stainless steel mesh debris screen	☐ 861-C	PVC clamping collar
B STRAINER		☐ 2	open-half strainer ³	☐ 863-FN	round nickel condensate funnel
☐ P	PVC strainer with lift handle ¹	☐ 2S	split, open-half strainer ⁴	☐ 863-FA	round aluminum condensate funnel
☐ PN	nickel-bronze ring & strainer ¹	☐ 3	open-quarter strainer ³	☐ 863-FNO	oval nickel condensate funnel
☐ Pi	ductile iron ring & strainer	☐ V	vandal-resistant strainer screws	☐ 861-6	PVC flat bottom strainer
☐ PX	no strainer, drain body only	☐ T	tapped trap primer port - 1/2" FIP	¹ See Options for open-half and open-quarter strainers. ² Not available for 6" drains ³ Not available for ductile strainers ⁴ Available for PVC strainers only	
		☐ F	round nickel condensate funnel		
		☐ FA	round aluminum condensate funnel		
		☐ FO	oval nickel condensate funnel		
		☐ 6	PVC flat bottom strainer ²		