

# ON-GRADE ADJUSTABLE FLOOR DRAIN

842 series

## SPECIFICATION

Sioux Chief 842 Series adjustable floor drain shall be used where necessary in drainage systems. Floor drain shall have a Sch. 40 hub connection, which conforms to ASTM D2665 (PVC) or D2661 (ABS). Connection to drainage system shall be made with a solvent weld joint to ABS/PVC pipe. Strainer of floor drain shall fasten into female threaded brass inserts. Strainer shall be heel-proof and meet applicable load requirements for intended use. Trap primer port shall be threaded 1/2" FIP for knockout connection.

## MATERIALS

*ring/strainer:* nickel-bronze, 304 stainless steel, brass  
*top housing:* ABS with threaded brass inserts  
*adapter body:* ABS or PVC

## STRAINER LOAD RATING

*nickel-bronze/brass:* 1,000 lbs. (light duty, pedestrian traffic)  
*stainless steel:* 2,000 lbs. (light duty, pedestrian traffic)

## STRAINER FREE-AREA

2" drain	7.5 in <sup>2</sup>
3" drain (standard top)	7.5 in <sup>2</sup>
3" drain (large top)	11.75 in <sup>2</sup>
4" drain	11.75 in <sup>2</sup>

## DIMENSIONS

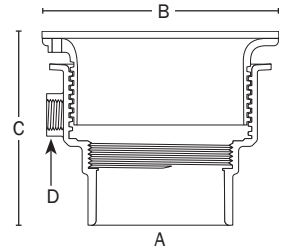
A: connection size	2" x 3", 3" x 4", or 4" Sch. 40 hub *
B: top diameter	
2" drain	5 1/2"
3" drain (standard top)	5 1/2"
3" drain (large top)	6 1/2"
4" drain	6 1/2"
C: overall height	
2" drain	4 3/8" - 5 1/8"
3" drain (standard top)	4 3/8" - 5 1/8"
3" drain (large top)	5 1/8" - 6 1/4"
4" drain	5 3/8" - 6 1/2"
D: trap primer port	1/2" FIP thread for knockout connection

\* Adapters fit over 2"/inside 3" pipe, or over 3"/inside 4" pipe

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



842-3PSR



Create Item Number

**842- ABCD**

e.g. 842-3PNR = 3" PVC drain with round nickel-bronze ring & strainer

### A CONNECTION

- 2 2" Sch. 40 hub
- 3 3" Sch. 40 hub (standard top)
- 36 3" Sch. 40 hub (large top)
- 4 4" Sch. 40 hub

### B ADAPTER

- A ABS adapter
- P PVC adapter

### C RING & STRAINER

- BR round brass
- NR round nickel-bronze
- SR round stainless steel

### D OPTIONS (FACTORY INSTALLED)

- V vandal-resistant strainer screws
- H hinged strainer <sup>1</sup>
- E extended ring <sup>2</sup>

<sup>1</sup> Available for 842-4\_ or 842-36\_ models only

<sup>2</sup> Available for 842-36\_NR and 842-4\_NR models only

### ACCESSORIES

- 863-FA round aluminum condensate funnel
- 863-FN round nickel condensate funnel
- 863-FNO oval nickel condensate funnel
- 842-UM 4 5/8" stainless steel sediment screen <sup>1</sup>

<sup>1</sup> Available for 842-4\_ or 842-36\_ models only