

# ADJUSTABLE FLOOR DRAIN WITH DECK FLANGE

822 SERIES

Halo™

## SPECIFICATION

Sioux Chief 822 series adjustable floor drain shall be used where necessary in drainage systems. Floor drain shall have an 18 gauge stainless steel deck/mounting flange and ABS/PVC body with Sch. 40 hub connection. Floor drain shall allow adjustment of 3/4" above the deck flange. Strainer shall be heel-proof and meet applicable load requirements for intended use. Trap primer port shall be threaded 1/2" FIP for optional connection. Designed in accordance with ASME A112.6.3-2001.

## MATERIALS

**Ring/strainer:** Nickel-bronze, Stainless steel (Cast = 304 / 18 Ga = 430)

**Head adapter:** gray ABS

**Deck Flange:** 430 Stainless steel - 18 Ga.

**Base adapter:** ABS or PVC with brass thread inserts

## STRAINER LOAD RATING

**Nickel-Bronze:** 1,000 lbs. (light-duty, heel-resistant)

**Stainless Steel (Cast):** 2,000 lbs. (light-duty, heel-resistant)

**Stainless Steel (18 Ga):** 500 lbs. (light-duty, heel-resistant)

## STRAINER FREE AREA

**Round (Cast):** 8.5 in<sup>2</sup> (20 GPM)<sup>1</sup>

**Round (18 Ga):** 5.75 in<sup>2</sup> (12 GPM)<sup>1</sup>

**Square (Cast):** 12.75 in<sup>2</sup> (20 GPM)<sup>1</sup>

## DIMENSIONS

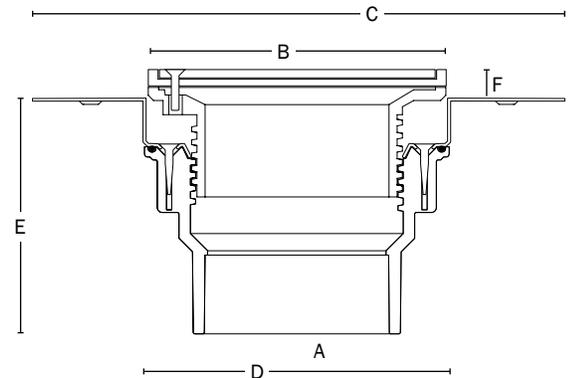
<b>A:</b> Connection size <sup>2</sup>	2x3" or 3x4" Sch. 40 Hub
<b>B:</b> Ring/strainer diameter	
Round (Cast   18 Ga)	5-1/2"   5-3/8"
Square	5-7/8"
<b>C:</b> Flange diameter	9-1/2"
<b>D:</b> Base adapter diameter	5-7/8"
<b>E:</b> Base adapter height	4-3/8"
<b>F:</b> Adjustable finish height <sup>3</sup>	
Round (Cast   18 Ga)	0" – 3/4"   0" – 1/2"
Square	5/16" – 3/4"

<sup>1</sup> Observed flow rate under test conditions at 0.625" head.

<sup>2</sup> Connections fit over 2" and inside 3" or over 3" and inside 4" pipe

<sup>3</sup> When using optional clamping collar, min dimension is 1/2" for cast ring/strainers

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



## Create Item Number

### 822-ABCD

e.g. **822-3PNRV:** Halo floor drain with 3x4" PVC connection and round nickel-bronze ring/strainer with vandal-resistant screws

#### CLAMPING COLLAR A

**M** = Cast iron No-Hub  
(No collar is standard, unless otherwise specified)

#### CONNECTION TYPE/SIZE B

**2A** = ABS, 2x3" Sch. 40 Hub  
**2P** = PVC, 2x3" Sch. 40 Hub  
**3A** = ABS, 3x4" Sch. 40 Hub  
**3P** = PVC, 3x4" Sch. 40 Hub

#### RING/STRAINER TYPE C

**NR** = Round Nickel-bronze ring/strainer  
**SR** = Round Stainless steel ring/strainer  
**NQ** = Square Nickel-bronze ring/strainer  
**SQ** = Square Stainless steel ring/strainer  
**S** = Round 18 ga Stainless steel strainer<sup>4</sup>

#### OPTIONS D

**V** = Vandal-resistant strainer screws  
**B** = Complies with Buy American Act<sup>5</sup>  
**E** = 1-1/4" Extended strainer rim<sup>5</sup>

#### Accessories - Available Separately:

822-CKIT: Clamping collar kit (stainless steel collar/screws)  
822-EX3: Cast iron extension adapter<sup>6</sup>  
822-TB: Thread bushing for Halo head extension  
835-2: TrapShield™ for 2" drain outlet  
835-3: TrapShield™ for 3" drain outlet  
835-35: TrapShield™ for Halo drain head  
863-FA: Round aluminum condensate funnel  
863-FN: Round nik-brz condensate funnel  
863-FNO: Oval nik-brz condensate funnel

<sup>4</sup>: Drain head creates plastic rim around strainer | <sup>5</sup>: Available only for round nickel-bronze ring/strainer | <sup>6</sup>: Extends head 1-3/4" (min) to 3-3/8" (max) above deck flange