

# ABOVE-GRADE FLOOR DRAIN

## 863 SERIES

### SPECIFICATION

Sioux Chief 863 series adjustable above-grade floor drain shall be used where necessary in drainage systems. Floor drain shall have an adjustable finish fixture, invertible flashing collar with openings to allow secondary drainage. ABS/PVC base adapter shall include a Sch. 40 hub connection, which conforms to ASTM D2665 (PVC) or D2661 (ABS). Strainer shall be heel-resistant and meet applicable load requirements for intended use. Designed in accordance with ASME A112.6.3-2001.

### MATERIALS

**Ring/strainer:** Nickel-bronze, 304 Stainless steel

**Head adapter/Clamping collar:** ABS

**Base adapter:** PVC, ABS

### STRAINER LOAD RATING

|                  | Large Top:              | Std. Top                |
|------------------|-------------------------|-------------------------|
| Nickel-Bronze:   | 750 lbs. (light duty)   | 1,650 lbs. (light duty) |
| Stainless Steel: | 1,000 lbs. (light duty) | 2,000 lbs. (light duty) |

### STRAINER FREE AREA

|                 | Large Top:           | Std. Top              |
|-----------------|----------------------|-----------------------|
| Round pattern:  | 13.4 in <sup>2</sup> | 8.5 in <sup>2</sup>   |
| Square pattern: | 16.4 in <sup>2</sup> | 12.75 in <sup>2</sup> |

### DIMENSIONS

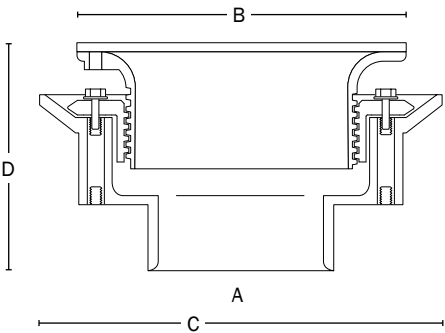
|                                          |                        |
|------------------------------------------|------------------------|
| <b>A:</b> Connection size                | 2", 3", 4" Sch. 40 hub |
| <b>B:</b> Ring/strainer diameter         |                        |
| Round (Std.   Large)                     | 5-1/2"   6-1/2"        |
| Square (Std.   Large)                    | 5-7/8"   7"            |
| <b>C:</b> Flange diameter                | 8-1/2"                 |
| <b>D:</b> Adjustable height <sup>1</sup> | 4-1/2" - 6-3/8"        |

<sup>1</sup> Max height noted with flashing collar inverted.

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



863-43NR



### Create Item Number

## 863-ABCD

e.g. **863-435NQV:** 3" PVC Sch. 40 hub floor drain with square vandal-resistant nickel-bronze ring/strainer

#### CONNECTION TYPE A

- 3 = ABS Sch. 40 hub
- 4 = PVC Sch. 40 hub

#### CONNECTION SIZE | TOP SIZE B

- 2 = 2" connection | Large top
- 25 = 2" connection | Std. top
- 3 = 3" connection | Large top
- 35 = 3" connection | Std. top
- 4 = 4" connection | Large top

#### RING/STRAINER TYPE C

- NR = Round Nickel-bronze
- SR = Round Stainless steel
- NQ = Square Nickel-bronze
- SQ = Square Stainless steel

#### OPTIONS D

- V = Vandal-resistant strainer screws
- H = Hinged Strainer<sup>2</sup>
- Y = Iron head adapter in place of ABS
- D = Iron clamping collar in place of ABS
- T = Tapped 1/2" FIP trap primer port
- E = 1-1/4" Extended strainer rim<sup>3</sup>
- B = Complies with Buy American Act<sup>3</sup>
- M = Medium-duty strainer (3,000 lb. load)<sup>4</sup>

#### Accessories - Available Separately:

- 835-2: TrapShield™ for 2" drain outlet
- 835-3: TrapShield™ for 3" drain outlet
- 835-35: TrapShield™ for Std. Top drain head
- 835-4: TrapShield™ for 4" drain outlet
- 842-UM: Stainless steel mesh debris basket for Large Tops
- 863-FA: Round aluminum condensate funnel
- 863-FN: Round nik-brz condensate funnel
- 863-FNO: Oval nik-brz condensate funnel

<sup>2</sup> Available for Large Tops only | <sup>3</sup> Available for round nickel-bronze strainers only | <sup>4</sup> For large, round, SS strainers only