

# COMBINATION ROOF DRAIN & OVERFLOW

## 868 SERIES

### SPECIFICATION

Sioux Chief 868 series combination roof drain and overflow shall be used where necessary in drainage systems. Drains shall have U.V. resistant PVC, or aluminum dome strainer, and aluminum gravel guard/flashing clamp. Drains shall have a cast iron body with No-Hub connection. Connection to drainage system shall be made with a No-Hub coupling. Designed in accordance with ASME A112.6.4-2003

For use on flat roofs where an emergency overflow drain is to be used in combination with a standard roof drain. Dual sump receiver plate supports both fixtures and allows for a single opening to be made in the roof. All four sides and middle of sump receiver must be supported adequately, subject to the approval of project engineer.

### MATERIALS

- Dome Strainer: PVC, Aluminum with black e-coat
- Gravel Guard / Water Dam: Aluminum with black e-coat
- Drain Body: Cast iron
- Sump Receiver: Galvanized steel

### STRAINER FREE-AREA

49.5 in<sup>2</sup> (each fixture)

### DIMENSIONS

|                       |           |           |           |
|-----------------------|-----------|-----------|-----------|
| A: Connection         | 3" No-Hub | 4" No-Hub | 6" No-Hub |
| B: Sump Receiver      | 32" x 16" | 32" x 16" | 32" x 16" |
| C: Fixture Centerline | 16"       | 16"       | 16"       |
| D: Elevation          | 5-3/16"   | 5-3/16"   | 5-3/16"   |
| E: Water Dam          | 2-1/4"    | 2-1/4"    | 2-1/4"    |
| F: Drain Flange Dia.  | 11"       | 11"       | 11"       |

ITEM # SUBMITTED \_\_\_\_\_

JOB NAME \_\_\_\_\_

LOCATION \_\_\_\_\_

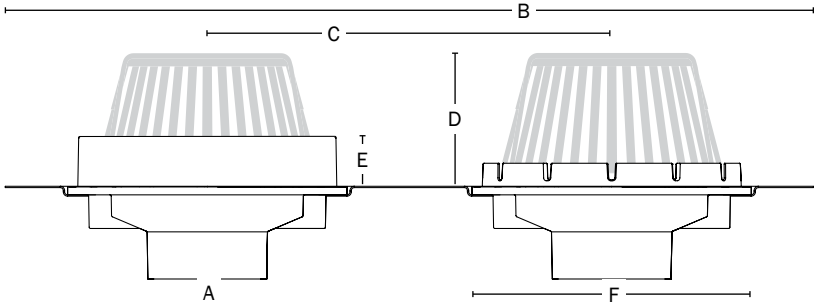
ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

PO# \_\_\_\_\_ TAG \_\_\_\_\_



868-DI4M



### Create Item Number

### 868-AB

e.g. 868-DI4MH: Roof drain & overflow with 4" No-Hub connection, aluminum dome, and top-mount hardware kit

#### CONNECTION SIZE A

- DI3 = 3" No-Hub
- DI4 = 4" No-Hub
- DI6 = 6" No-Hub

#### OPTIONS B

- M = Aluminum dome strainer<sup>1</sup>
- V = Vandal-resistant dome screws
- W = 2-1/4" External water dam
- P = Perforated dome cover<sup>2</sup>
- H = Top-mount hardware kit
- U = Underdeck clamp kit

#### Accessories - Available Separately:

- 868-HDCQ: PVC replacement dome strainer
- 868-MCCQ: Aluminum replacement gravel guard/collar
- 868-MDCQ: Aluminum replacement dome strainer
- 868-WDCQ: Aluminum 2-1/4" external water dam
- 868-SHCQ: Top-mount hardware kit (angle clips + hardware)
- 868-CCQ: Underdeck clamp kit (clamp + hardware)

<sup>1</sup> Aluminum dome strainer in lieu of PVC (standard) | <sup>2</sup> 2 Stainless steel with 0.25" dia. openings