Z100F-E FLOFORCE™ ROOF DRAIN WITH STATIC EXTENSION INSTALLATION INSTRUCTIONS

Design and Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

1. Install and secure the roof drain body into roof structure as required to prevent any vertical or horizontal movement.
2. Insert the provided threaded rod into the corresponding tappings on the top surface of the drain body. Thread the rods down until they are hand-tight.
3. Align the flat extension gasket so that the bolt holes in the gasket correspond with the threaded rods. Slide each hole over the rod until the gasket is laying flat on the roof drain body.
4. Align the extension so that the bolt holes correspond with the threaded rods. Slide the extension onto the assembly until it rests on the flat gasket. Ensure that the gasket is not pinched or folded, and is visible all around, both on the inside and outside of the extension. The flange of the extension body must be installed so that it is no higher than the roof membrane, to prevent retention of water on the roof and affect flow rate through the drain. Likewise, the flange should not be installed any lower than what is approved by the involved roofing products of the project, to prevent a detrimental effect on the flow rate of the drain.
5. Install roof insulation (as required) to flush with the top outer flange of the extension body.
6. Install roof insulation (as required) and secure a waterproofing membrane to the roof extension body with the clamping collar.
   a. Apply the water proofing membrane fully over the roof drain.
   b. Locate the protruding threaded rods from the drain body and create bolt clearance holes in the membrane at corresponding locations.
   c. Using appropriate manufacturer's sealant seal the membrane to the extension body per manufacturer's instructions.
   d. Align the clamping collar bolt holes with the protruding threaded rods and set the collar onto the membrane and extension.
   e. Apply provided jam nuts onto the threaded rods and hand tighten down in a star pattern progressively.
   f. If reinforced membranes are used or the membrane is suspended above drain, and hardware is used to pull membrane down to extension body, hardware must be tightened in a progressive cross-body pattern (See Form #RD139). **Warning: Forcing membrane down to extension body using only two opposite bolts can break the clamping collar and is not covered under product warranty.**
   g. Tighten the jam nuts securely to compress both the applied roof membrane and the extension gasket below.
7. Cut the membrane as per the roof membrane manufacturer's requirements in the center of the clamping collar. Continue to cut outward until the precast cutting edge in the extension body is located (Fig 1). Once precast edge is found, cut out circular section of membrane by following the cutting edge. **Warning: Failure to properly cut the membrane along the prescribed cut edge of the extension body may result in decreased flow performance of the roof drain.**
8. Align the dome inside of the clamping collar and rotate clockwise until dome is engaged and secured.

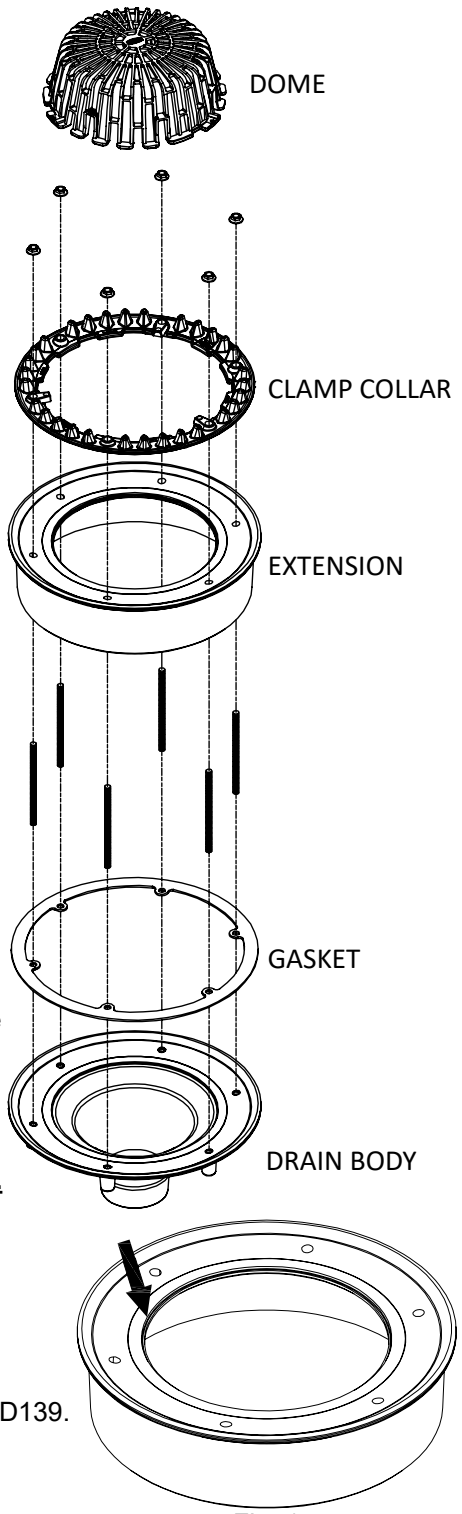

Fig. 1

Note: For additional drain installation instructions, reference Zurn document Form #RD139.

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **ADVERTENCIA:** Cáncer y daño reproductivo - www.P65Warnings.ca.gov
⚠ **AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

Zurn Industries, LLC | Specification Drainage Operation
1801 Pittsburgh Avenue, Erie, PA 16502, Ph. 855.663.9876

In Canada | Zurn Industries Limited
7900 Goreway Drive, Unit 10, Brampton, Ontario L6T 5W6, Ph. 877.892.5216

www.zurn.com

Rev. A
Date: 05/05/2022
C.N. No. 144476
Form No. RD142