



## Z100F FloForce® Roof Drain



The Z100F FloForce high-performance roof drain was designed to promote flow efficiency. The efficiency of this new drain is realized through a redesigned system, which optimizes the flow, at lower head depths.

To develop FloForce, we stepped back to the very beginning. Our engineers collaborated with industry partners, calculated possible enhancements, prototyped model after model, and tested and validated each iteration in our US-based facility.

The FloForce parabolical design and enhancements are engineered to flow at a lower head depth. The new drain was designed with the engineer, contractor, building owner, and roofer in mind. Beyond quick and effective evacuation, the unique dome and gravel guard limit debris and roof damage.

Reach your roof's flow potential, from install through torrential rainfall.

### Up to Code

With emerging codes, engineers require real data for every roof drain. So, we determined the ideal specs and demonstrated the data for our go-to-market model.

- More than two years of prototypes paved the way to our FloForce today
- Authentic flow data allows engineers to meet IPC code requirements during specification
- Flow curves provide the data engineers need to calculate roof specification
- Testing process adheres with ASME A112.6.4 testing criteria

### Easy Install

We solved for our contractor customers too. The labor-saving design eliminates pains and costs during installation.

- Optimized storm evacuation that may result in fewer systems required on each roof
- Membrane-cut ridge and site holes ensures proper installation without hindering future performance
- No sharp corners reduce risk of injury on the job
- One-person installation saving time and money on the jobsite

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## Superior Performance

A lot happens on a roof that we don't see. Debris, standing water, unpredictable weather — FloForce keeps up by design, so building owners can have peace of mind.

- Parabolic design creates laminar flow and evacuates water off the roof at lower head depths to create safer environment
- Improved flow performance provides a more efficient system
- Unique dome and gravel guard design increase open area to maximize water drainage while limiting debris
- Lean body and ladder pattern inhibit obstructions to slow things down



- Partially recessed installation depth
- Sculpted waterfall shape
- Bosses moved outside of flow path
- Added circular-cut edge



- Teardrop-shaped gravel guard
- Smooth V-notch openings more than tripled the quantity of openings compared to a traditional design



- Staggered horizontal ribs which reduce isolated flow restrictions
- Greater open area per inch of dome height

*FloForce sets the new standard in roof drainage. Visit [zurn.com/floforce](http://zurn.com/floforce), and never drain the same.*