



## PRODUCT BROCHURE



Contact us at: [sales@cubicm3.com](mailto:sales@cubicm3.com)

CubicM3 has been providing innovative and sustainable solutions for stormwater management internationally for over 20 years. We have designed and installed thousands of attenuation tanks and stormwater management systems across three continents.

Now we have brought all our experience and engineering expertise to bear in developing **RainSafe**, our own range of attenuation chambers. We have collaborated with leading international experts in Geotechnical Engineering, Structural Analysis, Design for Manufacture and Testing and Certification.

We used state of the art Finite Element modelling to optimize the structural efficiency of our chambers. **RainSafe** was developed specifically to meet or exceed European and National performance requirements and guidelines including Eurocode, ASTM and CIRIA. Our product has been independently assessed and subjected to rigorous material and product testing to international standards in order to achieve CSTB certification.

RainSafe chambers are manufactured in Europe by injection moulding using advanced to ensure uniform wall-thickness and product quality.

**RainSafe** chambers by CubicM3 provide:

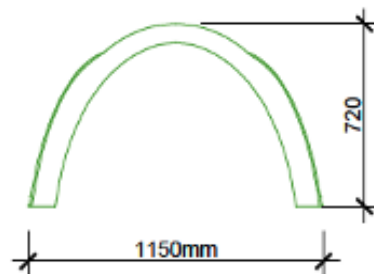
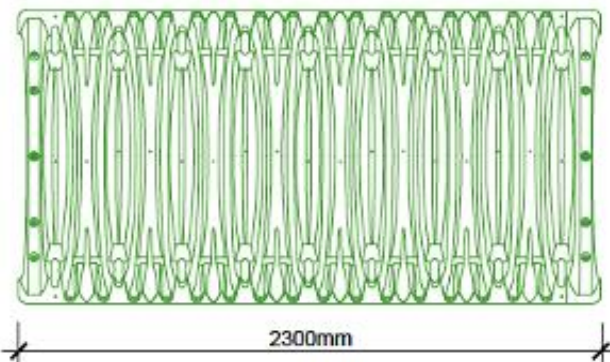
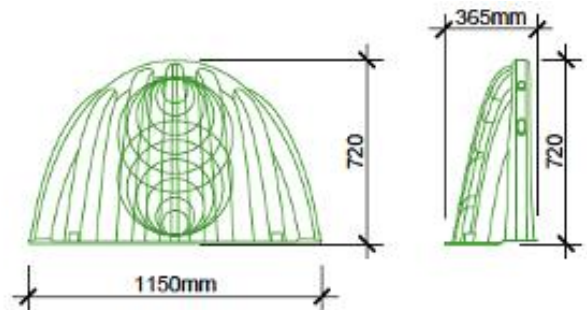
- **Industry-leading structural performance** both for live traffic loading and long term dead loading in deep cover applications.
- **Compliance with relevant European** and local codes.
- **Rapid and flexible deployment** ensured through modular design and button-tab features to facilitate assembly on site.
- **Reduced Carbon footprint** by European based manufacture and sizing to optimize containerized transport and reduced footprint for storage.
- **Compliance with European Health and Safety** legislation for manual handling. RT-1140 weights <50kg and has built in handles allowing a safe lift by two operatives.
- **Separator Row** captures suspended solids and provides quick and easy access for low-cost maintenance ensuring tank performance and enhancing quality of discharge water.
- **In-built vents** ensure trapped air never reduces chamber storage capacity
- **Reduced Lead Times** Delivery in as little as a week from placement of order.

Designed by CubicM3 to exceed the most stringent industry standards, RainSafe RT-720 chambers combine market-leading structural performance with cost-efficiency and ease of use. Capability of supporting HGV traffic and deep cover loads requirements make RainSafe chambers the ideal solution for managing stormwater in virtually all scenarios faced by developers, engineers and contractors.

### RainSafe RT-720 Nominal Specifications:

Dimensions (L x W x H)	2175 x 1150 x 720 mm
Chamber Capacity	1.16 m <sup>3</sup>
Weight	25.2 kg
Min. Base Stone*	150 - 300 mm
Min. Stone Above	150 mm
Min. Row Spacing	150 mm
Min. Total Cover	460 mm
Max. total Cover	4500 mm

\* Base stone depth varies with total cover depth

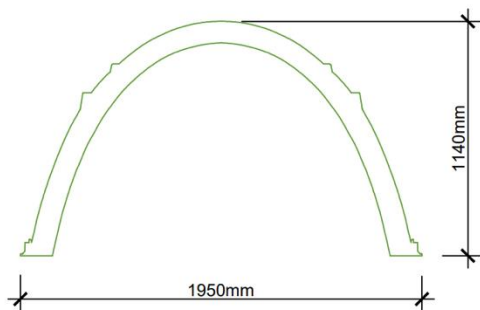
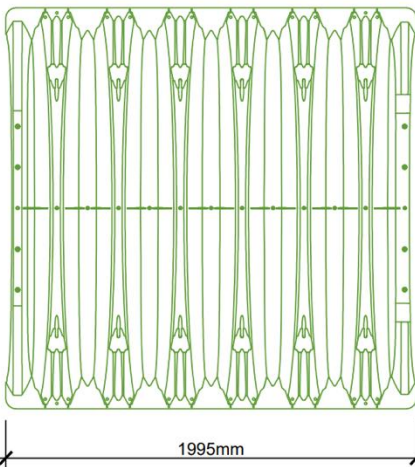
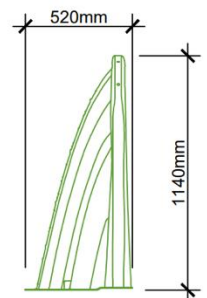
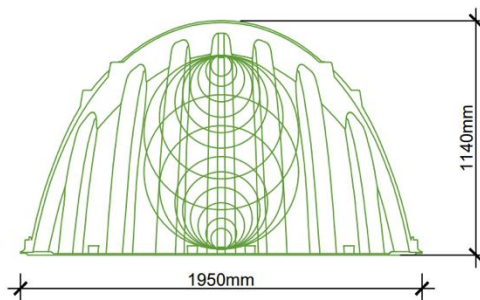
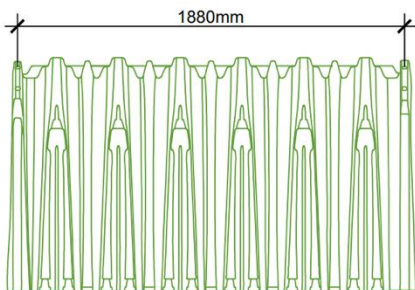


Designed by CubicM3 to exceed the most stringent industry standards, RainSafe RT-1140 chambers combine market-leading structural performance with cost-efficiency and ease of use. Capability of supporting HGV traffic and deep cover loads requirements make RainSafe chambers the ideal solution for managing stormwater in virtually all scenarios faced by developers, engineers and contractors.

## RainSafe RT-1140 Nominal Specifications:

Dimensions (L x W x H)	1880 x 1950 x 1140 mm
Chamber Capacity	2.67 m <sup>3</sup>
Weight	48.75 kg
Min. Base Stone*	150 - 300 mm
Min. Stone Above	150 mm
Min. Row Spacing	300 mm
Min. Total Cover	460 mm
Max. total Cover	4500 mm

\* Base stone depth varies with total cover depth





**The Future is Green**

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