



Code	Nominal size (mm)	Connection size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)
DR450	100	110	213	50	170	130	193	255	148	70	217

## Product description

Comprehensive range of roof, balcony and car park outlets offering market leading flow rate performance and a life expectancy of 50 years or more

- Functional life expectancy of 50+ years with minimal maintenance
- Made from marine grade aluminium for ultimate protection against corrosion, even in coastal or polluted environments
- Industry leading flow rate performance across the range
- Near zero maintenance, grates prevent debris entering the outlet
- Durable and strong, made from heavy grade cast aluminium for ultimate strength and durability
- Can be used horizontally or vertically
- Aluminium is a sustainable material, infinitely recyclable and responsibly sourced

## Physical properties

<b>Material</b>	Marine grade Aluminium alloy to BS EN1559:1997, BS EN 1676:1997 and BS EN 1706:1998
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## Flow rate performance

Codes	Horizontal l/s	Vertical l/s
DR450	2.38	7.83

## Functional Life Expectancy

Under normal UK atmospheric conditions, Marley Alutec systems if correctly installed have a life expectancy of 50 years or more. This may be marginally reduced in highly polluted or coastal areas.

- Clause:** R10/365  
**Product:** Aluminium roof outlet  
**Type:** Two way outlet (parapet)  
**Grate type:** Flat grate  
**Manufacturer:** Marley Alutec, Unit 1 (G-H), Hudson Road, Elms Farm Industrial Estate, Bedford MK41 0LZ.

## Product information

Visit [www.marleyalutec.co.uk](http://www.marleyalutec.co.uk) or click on the individual links below.

## Technical Services Department

Marley Alutec Technical Services Department has many years' experience in assisting specifiers with all aspects of drainage design and installation. For advice, contact them on [technical@marleyalutec.co.uk](mailto:technical@marleyalutec.co.uk), 01234 344108

## Standards

All Marley Alutec systems are manufactured to and in excess of the appropriate BS or EN Standards. For a full list download the range brochure in the **Product information** section.

## Environmental

Marley Alutec is committed to continually reducing its environmental impact and is accredited to ISO 14001:2004.



## Handling & storage

Outlets are delivered to site packaged and ready for installation. Outlets should be stored on a flat level surface and protected from mechanical damage.



**evolve** RAINWATER SYSTEMS



**traditional** RAINWATER SYSTEMS



**allegator** RAINWATER SYSTEMS



**evolve** FASCIA, SOFFIT & COPING



**elite** ROOF OUTLET SYSTEMS

# ALUTEC

ALUMINIUM RAINWATER SYSTEMS

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