

iplex

Pipelines

Anti-infiltration overflow-relief device

**NEW
PRODUCT**

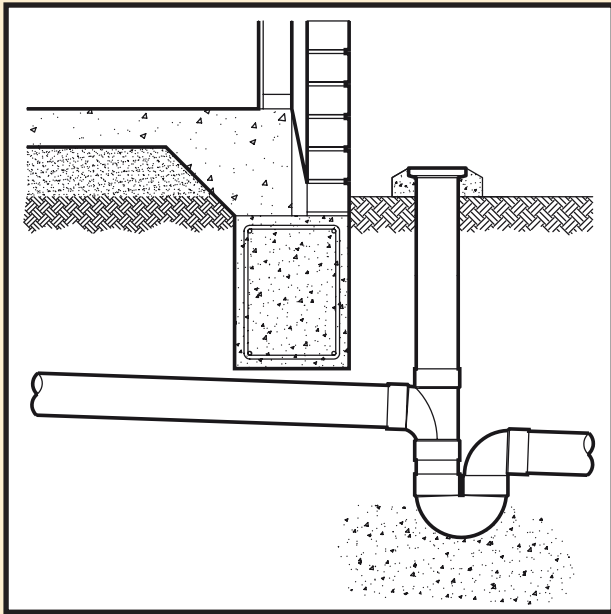


- ✓ Eliminates infiltration through conventional ORG
- ✓ Reduces waste water treatment costs
- ✓ Minimises entry of pests
- ✓ Reduces likelihood untreated discharges

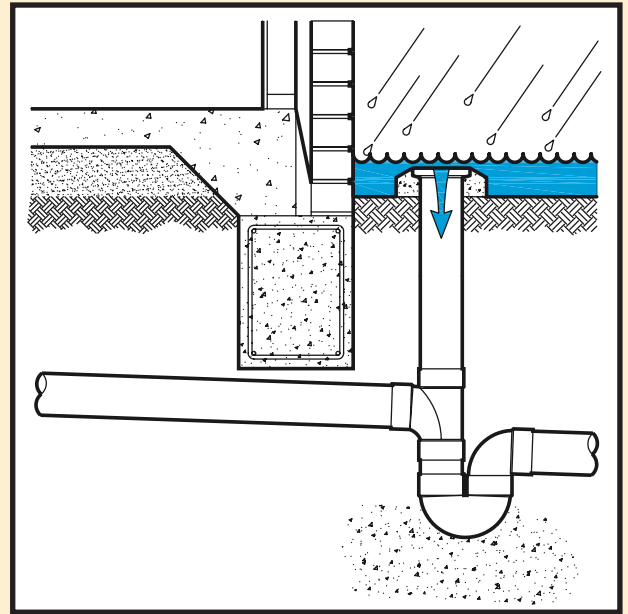
 **ORC**[™]
OVERFLOW RELIEF CAP

THE PROBLEM...

Infiltration of stormwater into sewer drains has long been recognised as a problem for sewerage treatment infrastructure. This can have a major impact on estuarine environments if systems fail and untreated sewage is released. It has been determined, that as much as 40% of this infiltration is attributed to non-confirming overflow relief gullies (ORG's).



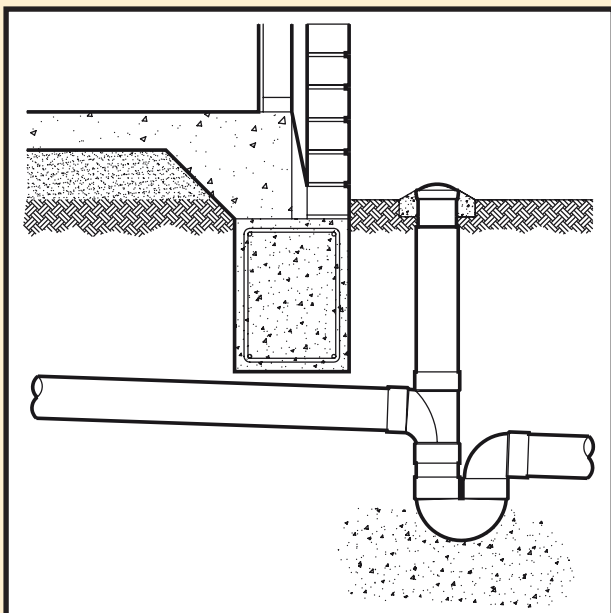
Conventional ORG installation



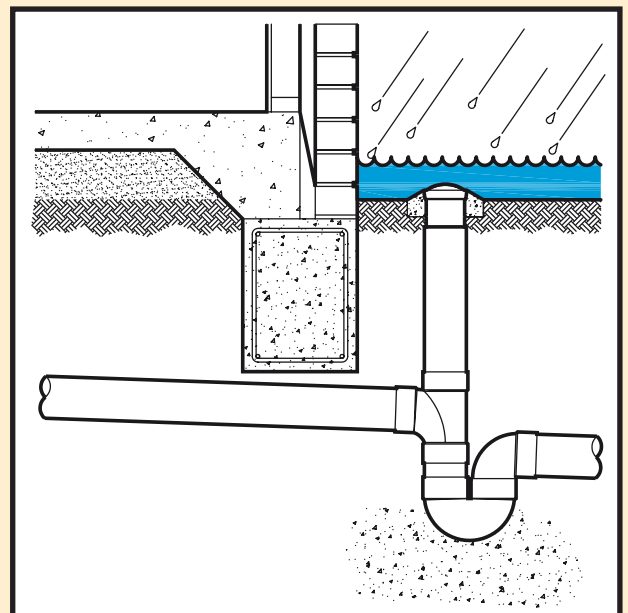
ORG allowing water ingress

THE SOLUTION...

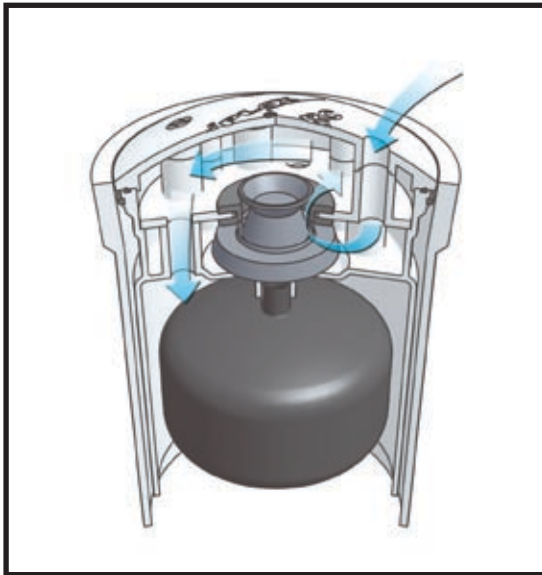
The Iplex Overflow Relief Cap is an anti-infiltration device (ORC), which seals against stormwater infiltrating sewer drains during flood conditions, whilst providing effective vent and overflow relief functions.



Typical ORC device installation

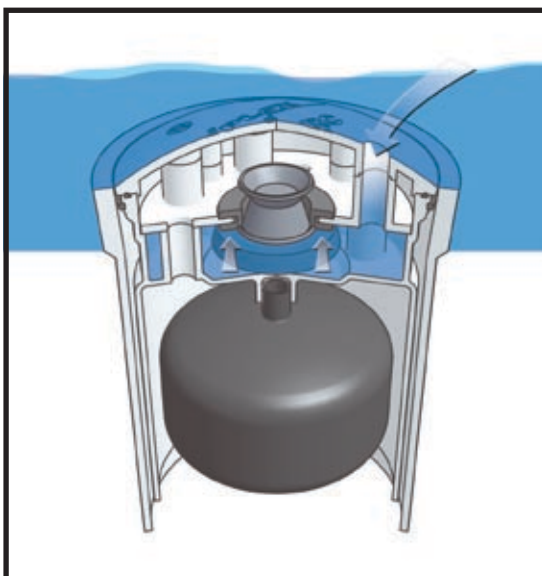


ORC device sealing against water ingress



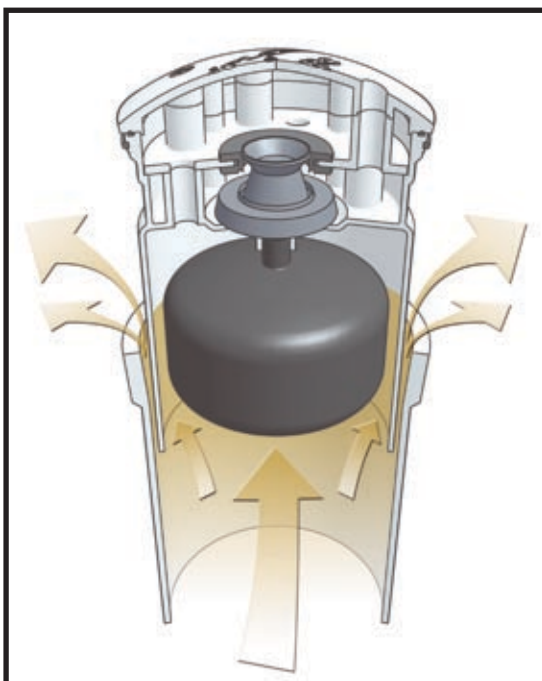
Venting

In normal operation the ORC device acts as a vent to prevent water syphoning out of the trap



Sealing

The ORC device provides a water tight seal against ingress in flood prone areas



Overflow

In the event of a surcharge the ORC device will eject from the gully riser allowing free relief as per a conventional ORG

SPECIFICATION

Iplex NZ Product Code:

173.1000RC

Colour:

White

Weight:

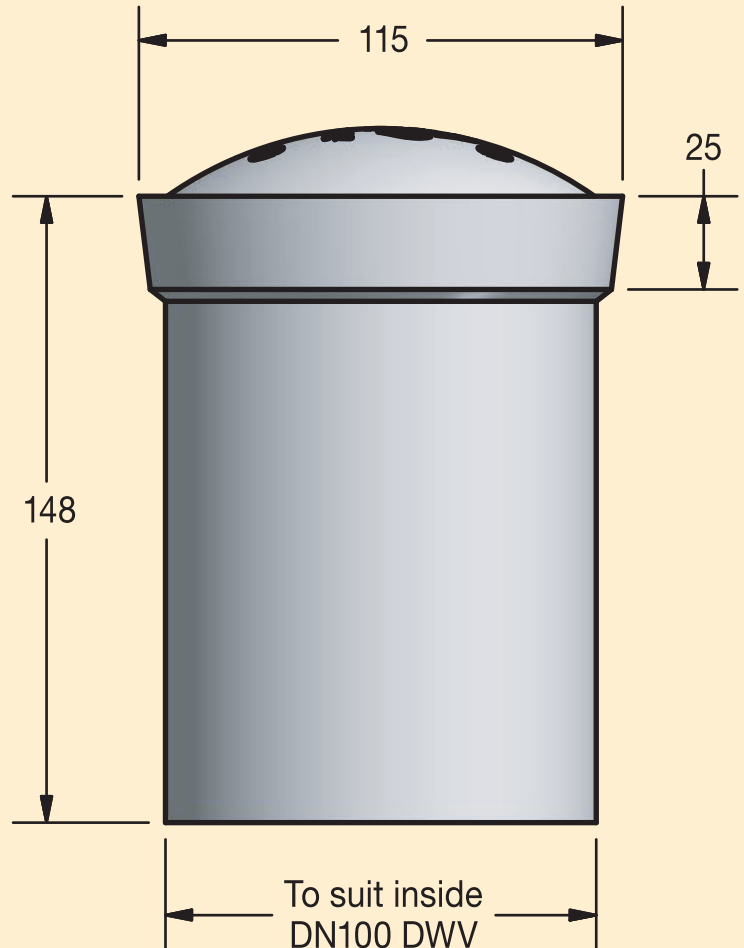
515 grams

Compliances and Standards:

WaterMark Licence 60012 for
compliance with Australian
Technical Specification ATS
5200.501-2011

**Patent Application:**

PCT/AU2008/000234



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CONTACT DETAILS

Iplex Pipelines NZ Limited.

Call Centre - Phone: 0800 800 262

Web site - www.iplex.co.nz

Offices At:

Auckland: Private Bag 92114, Great South Road, Penrose.
Palmerston North: Private Bag 11019, 67 Malden Street.
Christchurch: PO Box 16225, 22 Braeburn Drive, Sockburn.

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