

# ENVIRODRAINZ

## Anti-infiltration overflow-relief device



**ORC™**  
OVERFLOW RELIEF CAP

- Provides effective venting and overflow relief function
- Eliminates stormwater infiltration into the sewerage system
- Reduces waste water treatment costs
- Reduces likelihood of untreated discharges
- Watermark certified and meets Australian Standard WMTS-501-2016

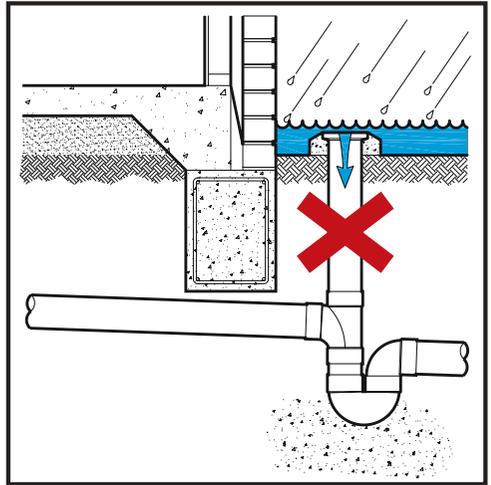
**Part of the environmental product range from EnviroDrainz distributed by Advanced Plumbware**

[www.envirodrainz.com](http://www.envirodrainz.com)

# OVERVIEW

## The Problem...

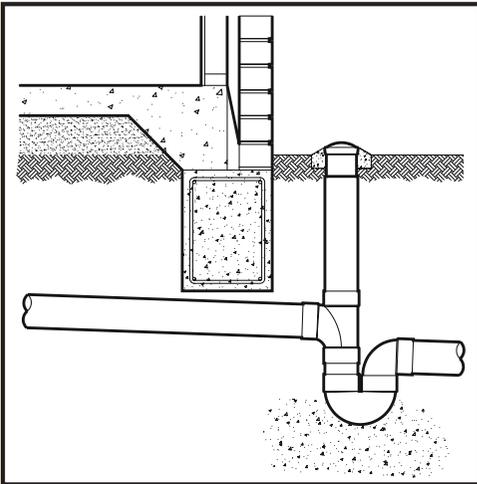
- ➔ Infiltration of stormwater into sewer drains has long been recognised as a problem for sewerage treatment infrastructure.
- ➔ This can have a major impact on the environment if systems fail and untreated sewage is released.
- ➔ It is estimated up to 40% of stormwater infiltration is attributed to non-conforming overflow relief gullies (ORG's).



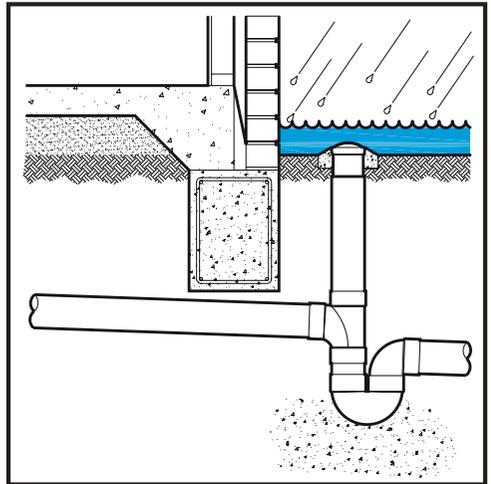
*Typical ORG failing to prevent water ingress.*

## The Solution...

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



*Typical ORG device installation.*



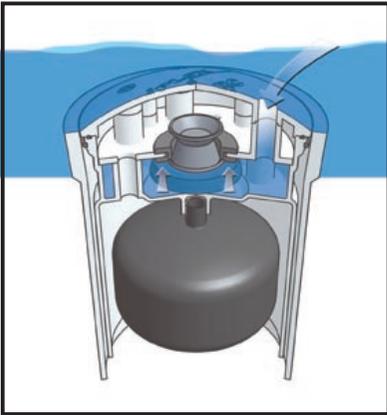
*ORC device sealing against water ingress.*

Note: Installation of ORC device must be undertaken by a licensed plumber in strict accordance with AS/NZS 3500.2 and AS/NZS 3500.5 and local authority regulations.



### **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 infiltration 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

### NZ Product Code:

172XP100

### Colour:

White

### Weight:

515 grams

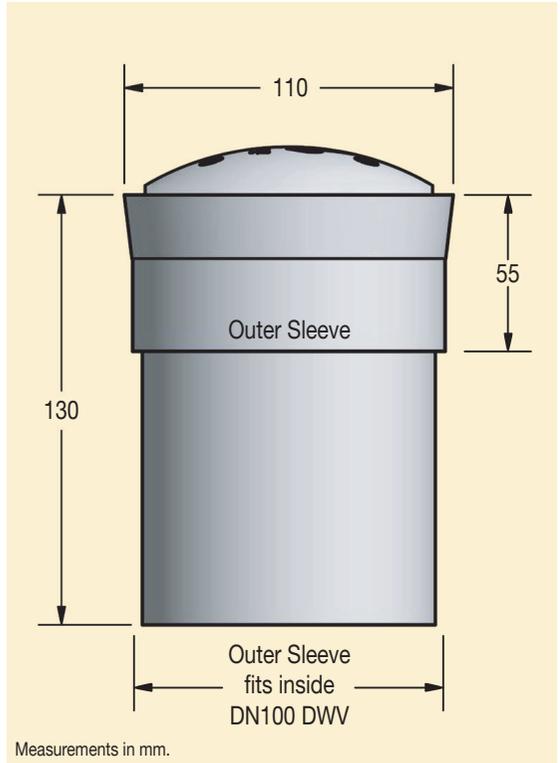
### Compliances and Standards:

WaterMark Licence AGA60136  
for compliance with Australian  
Technical Specification  
WMTS-501-2016



### Patent Application:

PCT/AU2008/000234



## NZ DISTRIBUTION

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