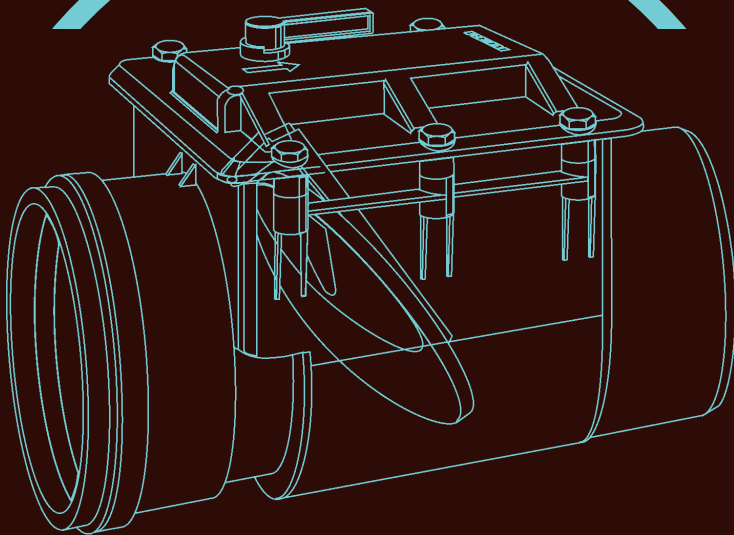


# BACKFLOODING PREVENTION

## REDI



# CERTIFICATIONS

Redi anti-flooding valves DN 100 ÷ 200 are certified by German Institute LGA and kitemarked LGA.




Certified anti-flooding valves grant the following performances:

- Regular flow granted by the opening of the flap also in presence of minimum pressure rates (0.005 bar)
- Non-deformability and tightness of the product after 600 test cycles at variable temperature (60 seconds at 75° / 60 seconds at 15°)
- Effectiveness of Redi anti-flooding device after 35 cycles of backflow of variable duration from 5 up to 10 minutes and pressure rate from 0,01 up to 0.5 bar
- Water tightness of the entire valve's body, subjected to a pressure rate of 0.5 bar
- Inlet and outlet of the valves are in accordance with EN 1401 and EN 1329



LGA - TESTED

Redi anti-flooding valves DN 100÷200 are also characterized by the presence of  marking

# NON-RETURN VALVE / ANTI-FLOODING SYSTEM

## REDI

The newly restyled **REDI** valve is a simple and effective way to eliminate flood risk by backflow through drainage channels. National Building Regulations require provision to be made to protect a building where surcharge may occur.

Particularly suitable for:

- Low - lying coastal, lake or valley areas, especially where rain water is channelled downstream to the main sewer, making it liable to flash-floods after heavy rainfalls.
- Under-dimensioned sewage networks with recent or scheduled new dwellings being connected on a previous main sewer operating at a high flowrate.
- Private discharge systems channelled to public sewers equipped with pumping stations.
- Commercial and industrial installations where non-pressure flow control is required (i.e. fish - farming) or where PVC performance is required (salt water).
- Rodent ingress reduction.



Ø 100 (solvent cement)  
Ø 140 (solvent cement)



Ø 110 O-RING  
Ø 125 O-RING

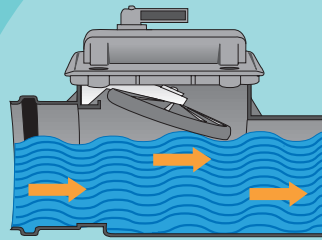
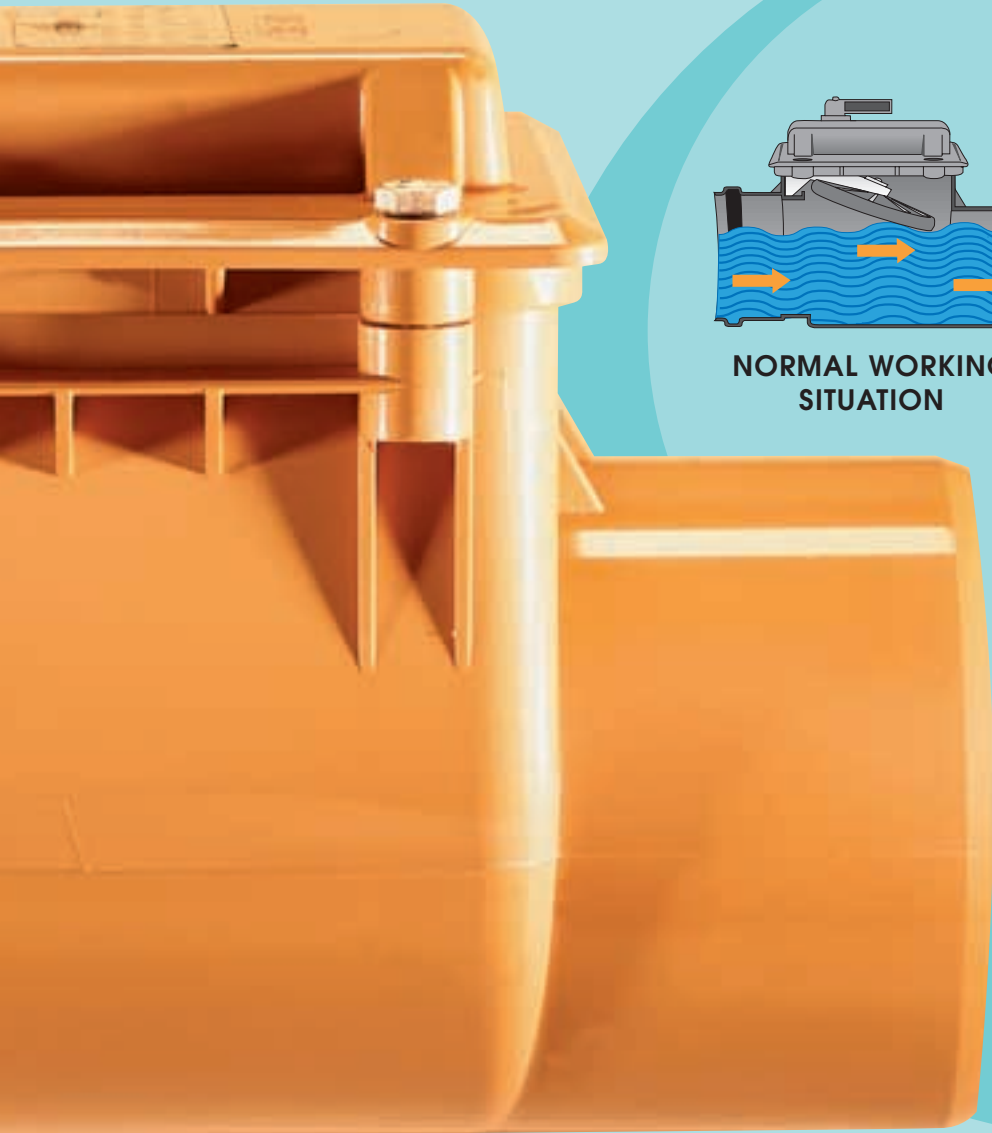


Ø 160 O-RING

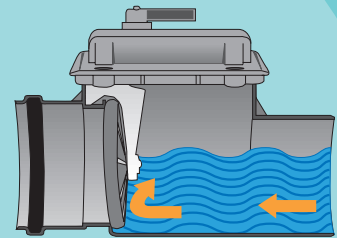


Ø 200 O-RING

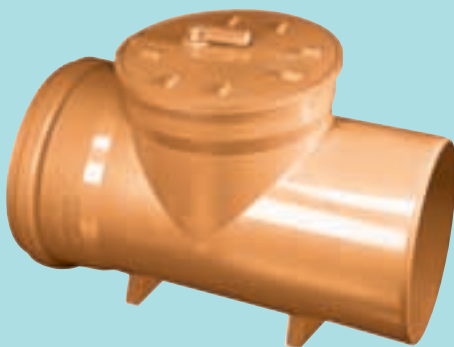
# CHECK VALVE: SIMPLE, EASY and EFFECTIVE



NORMAL WORKING SITUATION



EFFECTIVE ANTI-FLOODING



Ø 250 O-RING  
Ø 315 O-RING



Ø 400 O-RING  
Ø 500 O-RING



### TOP INSPECTION COVER

Fixed with 4 or 6 nuts in stainless steel screw cap in Ø 250 - 315 - 400.  
Leakproof ensured by a flat seal.  
Tested at 5 meters waterheight.

### SLIDE-INFLAP SUPPORT

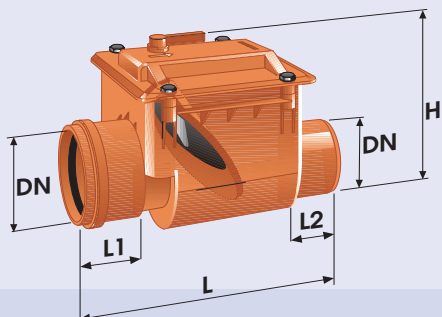
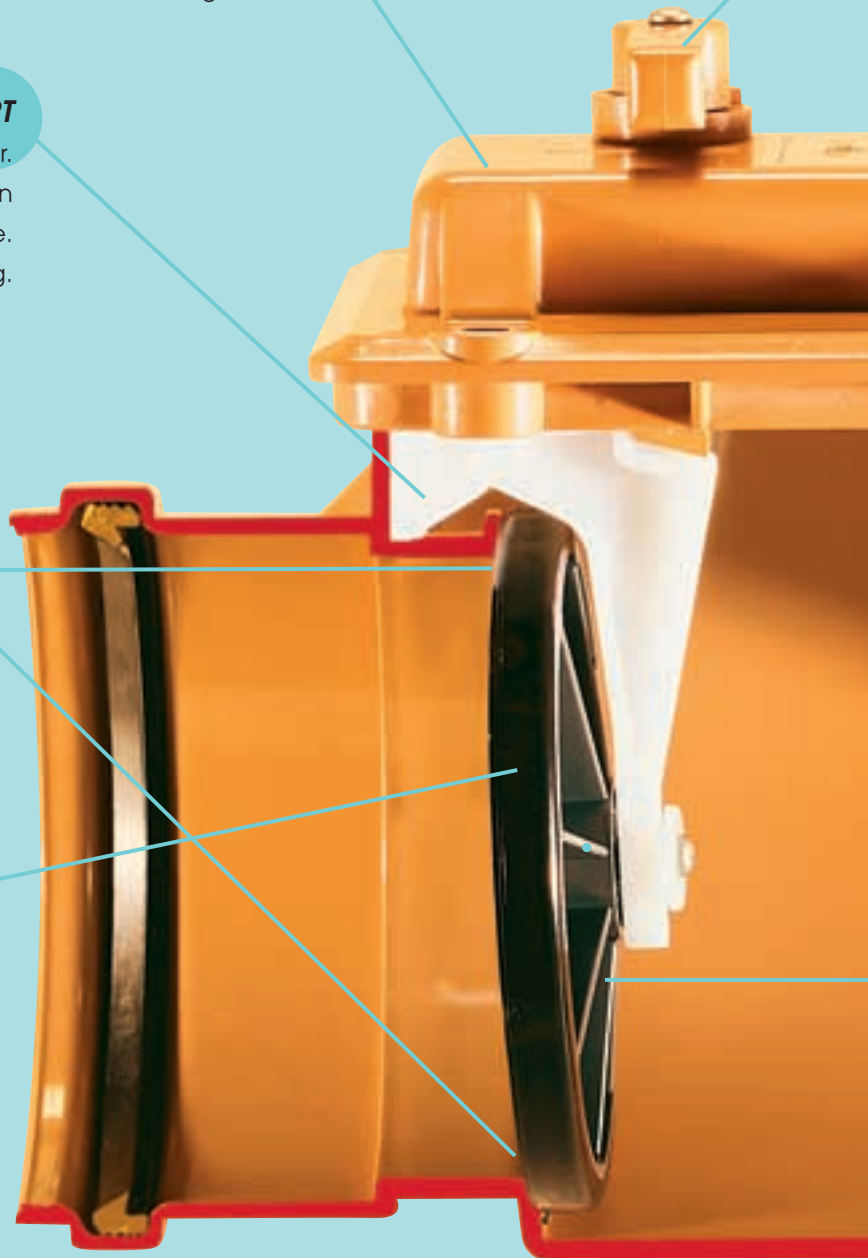
Made from technopolymer.  
Ideal for impact absorption and bending resistance.  
All parts are removable for periodic servicing.

### INTERNAL SHAPE

Built-in waterfall.  
No reduced crossed flow section.

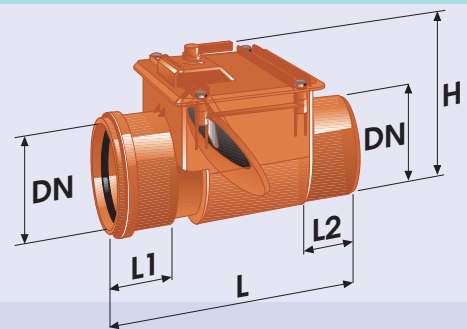
### FLAP GASKET

Twin-lip profile to ensure optimal water tightness.



DN	L	H	L1	L2	Codice	Codice INOX
100	300	230	56	58	1555001*	1555101
110	307	230	61	61	1555551	1555651
125	318	230	65	68	1556051	1556151

\*only solvent cement joint



DN	L	H	L1	L2	Codice	Codice INOX
140	323	255	65	74	1551401*	1551501 <b>NEW!</b>
160	337	255	74	74	1551691	1551791 <b>NEW!</b>

\*only solvent cement joint

### CLOSING LEVER

Check valve control as detector of eventual dirt and deposit.  
Locking device for long periods of non - use (holidays)

### MAIN BODY

Rigid PVC injection moulded with structural ribs.  
Socket inlet with elastomeric lip-ring.  
Spigot outlet.  
Both inlet and outlet comply with international standards for sewage pipe connections.

### INSPECTION CHAMBER

Internal profile specially designed to avoid any interrupted flow (no reduced crossed flow section).  
Full access for pipe cleaning or rodding.

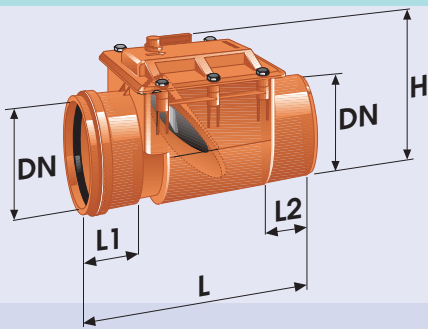
### PLASTIC FLAP

Rigid PVC injection moulded  
Completely removable for servicing.

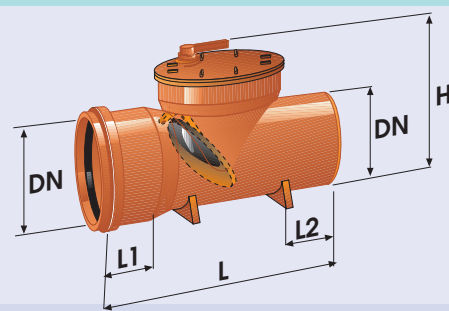
### FLAP

### STAINLESS STEEL

available in  
Ø - 100 - 110 - 125 - 140 - 160  
(rodent stop)



DN	L	H	L1	L2	CODICE
200	451	300	86	100	1552091

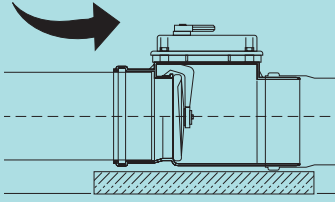


DN	L	H	L1	L2	CODICE
250	520	374	102	130	1552591
315	620	445	115	165	1553091
400	790	490	145	240	1554091*
500	1400	780	420	330	T555191*

\*without closing lever

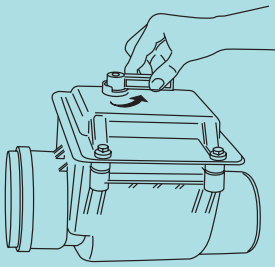
# INSTALLATION DETAILS

Every valve is delivered in single carton box including installation instructions



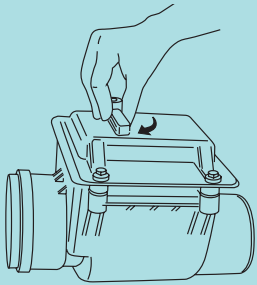
### INSTALLATION

Ensure the valve is set horizontally, as it already has a built-in fall. Beware of the direction of flow as indicated by the arrow on the cover of the valve.



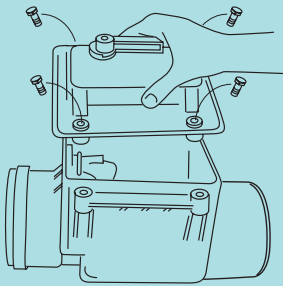
### OPERATION

The Redi anti-flooding device for use in horizontal pipes closes the pipeline automatically when back-flow occurs. Ensure the handle is on the "OPEN"



### EMERGENCY CLOSURE DEVICE

The option exists to lock the valve in the "CLOSED" position for added security (no through drainage allowed)



### MAINTENANCE

The emergency closure device should ideally be tested once every six months. In case of dirt and deposits, remove the cover, clean parts, check gaskets and replace any damaged parts. We strongly recommend a complete servicing at least once every twelve months.

