Backflow Prevention Devices

DCDA / RPZD / RPDA

Product Features

- 12 barC
- cold water, not exceeding 60°C.

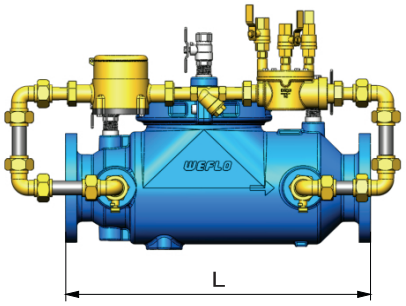
Double Check Detector Assembly (DCDA)

- **Description**

DCDA have two check modules as DCV, and add a DN20 bypass line with a water meter to allow monitoring of small draw-offs of water.
Multiple Ends Types: Flange by Flange, Flange by Groove, Groove by Groove.

- **Dimensions**

DN	80	100	150	200
L	508	508	616	895



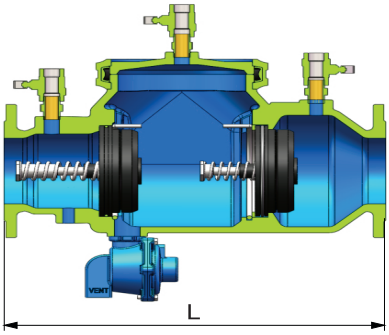
Reduced Pressure Zone Device (RPZD)

- **Description**

A reduced pressure zone device is a testable device designed for use in 'high hazard' conditions to prevent backflow caused by back-siphonage or backpressure. It is intended for use under continuous pressure conditions.
The first check is designed to maintain 40 kpa across the check valve. The second check is designed to maintain 10 kpa across the check valve during normal operation. Supply pressure on the upstream side of the first check valve acts against the diaphragm to close the relief valve during normal operation. The relief valve will open to maintain the pressure in the "zone" at least 14 kpa less than the upstream pressure.
Multiple Ends Types: Flange by Flange, Flange by Groove, Groove by Groove.

- **Dimensions**

DN	80	100	150	200
L	400	400	432	635



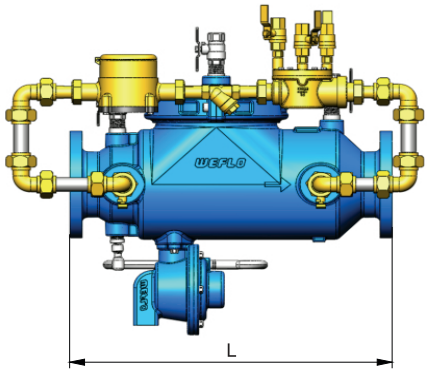
Reduced Pressure Detector Assembly (RPDA)

- **Description**

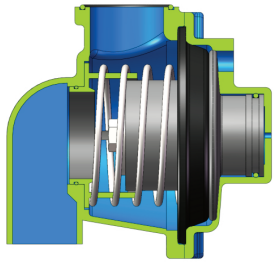
RPDA have two check modules as RPZD, and add a DN20 bypass line with a water meter to allow monitoring of small draw-offs of water.
Multiple Ends Types: Flange by Flange, Flange by Groove, Groove by Groove.

- **Dimensions**

DN	80	100	150	200
L	508	508	616	895



Relief Valve (RV)



Model No.	Apply to RPZD & RPDA
RV-01	3", 4" and 6"
RV-02	8" and 10"

- **Material Specifications (RV)**

Part	Material
Body	Stainless Steel 316
Bonnet	Stainless Steel 316
Disc	Nylon
Seat	Nylon
Diaphragm	NBR
Spring	Stainless Steel

Notes

- ***Designs, materials and specifications shown are subject to change without notice due to the continuous develpoment of our products.***