

Pressure reducing valves REDUFIX

New



- Compact, preset adjustable pressure reducing valve.
- Outlet pressure setting range : 1,5 to 5 bar.
- Corrosion preventing DZR brass body.
- Female 1/4" pressure gauge connection.
- Maintenance free.
- Ideal for protecting electric hot water storage heaters and household appliances.
- Approvals: WRAS, ACS ; (KIWA: art. no. 2282116 and 2282118).

WRAS
APPROVED
PRODUCT

WATTS
INDUSTRIES

A Division of Watts Water Technologies Inc.



art. no. 2282210:
special for safety group



Use:

REDUFIX is an ideal pressure reducing valve for sanitary water systems. REDUFIX is designed for protecting single appliance like hot water storage heaters and household appliances.

It is directly fitted upstream of the appliance that you want to protect or to water circuit inlets that you want to protect (kitchen, bathrooms, garden piping etc.).

Approvals:

WRAS (UK), ACS (F) ; (KIWA: art. no. 2282116 and 2282118)

Advantages:

- Compact
Takes up less space, easier to fit, it is at present the more unobtrusive underneath hot water storage heaters.
- Ready to install
Factory preset, you can change the setting from 1,5 to 5 bar.
- Any position
The REDUFIX can be fitted in any position.
- Robust
Once fitted you can forget it. The REDUFIX does not require any special maintenance.
- Tried and tested reliability
On the market for over 20 years, the REDUFIX is made at Hautvillers Ouveille in France in our production unit ISO 9001 certified by BVQI.
- Silent
The valve system design and types of seals used ensure operation with no vibration and no banging about.
- Specific discharge
Discharge is appropriate to isolated appliances like washing machines or hot water storage heaters.
It has a part in better thermostatic mixer control and controlled water consumption.
- Practical
Its Female 1/4" pressure gauge outlet is located on the front and not under the valve.

Why 3 bar presetting ?

Because all features introduced by valve manufacturers are measured to 3 bar*.

Too high a pressure over 3 bar would result in accelerating water velocity in pipes with the risk of:

- Creating water hammer,
- Washing off the grease on ceramic inserts making head and lever movement harder,
- Loosening limestone deposits in pipes causing ceramic inserts to break when taps are fitted with them,
- Causing water in electric hot water storage heaters to expand too quickly causing the valve of the safety valve unit to open prematurely leading to significant water consumption.

So the REDUFIX is factory preset at 3 bar.

This safety guarantee has made REDUFIX a market success for over 20 years.

* recommandation of French Association of Pumps and Taps Industries

range REDUFIX	presentation	finish	art. no.
F/F 1/2" (15x21)	single box	nickel plated	2282000
M/F 3/4" free union nut (20x27)	single box	nickel plated	2282210
M/F 3/4" free union nut (20x27)	under hull	nickel plated	2282211
F 3/4" free union nut/M 3/4" (20x27)	single box	nickel plated	2282215
M/M 3/4" (20x27)	single box	nickel plated	2282110
M/M 3/4" (20x27) and F/F 1/2" (15x21) (double threaded)	single box	nickel plated	2282007
kiwa Compression fitting DN 15 for copper pipe	single box	nickel plated	2282116
kiwa Compression fitting DN 22 for copper pipe	single box	nickel plated	2282118

Technical specifications :

- Pressure reducing valve with cloth diaphragm, can be set from 1,5 to 5 bar.
- Corrosion preventing DZR brass body.
- Diaphragm and seals EPDM & NBR.
- Slotted adjusting screw that can be turned with a flathead screwdriver.
- Factory preset (4 bar at zero discharge for 3 bar working).
- Female 1/4" pressure gauge outlet.
- Maintenance free robust appliance.
- Ideal for protecting electric hot water storage heaters and household appliances (washing machine, dischwasher ...).
- Max. inlet pressure: 15 bar.
- Max. temperature: 70°C.

Construction:

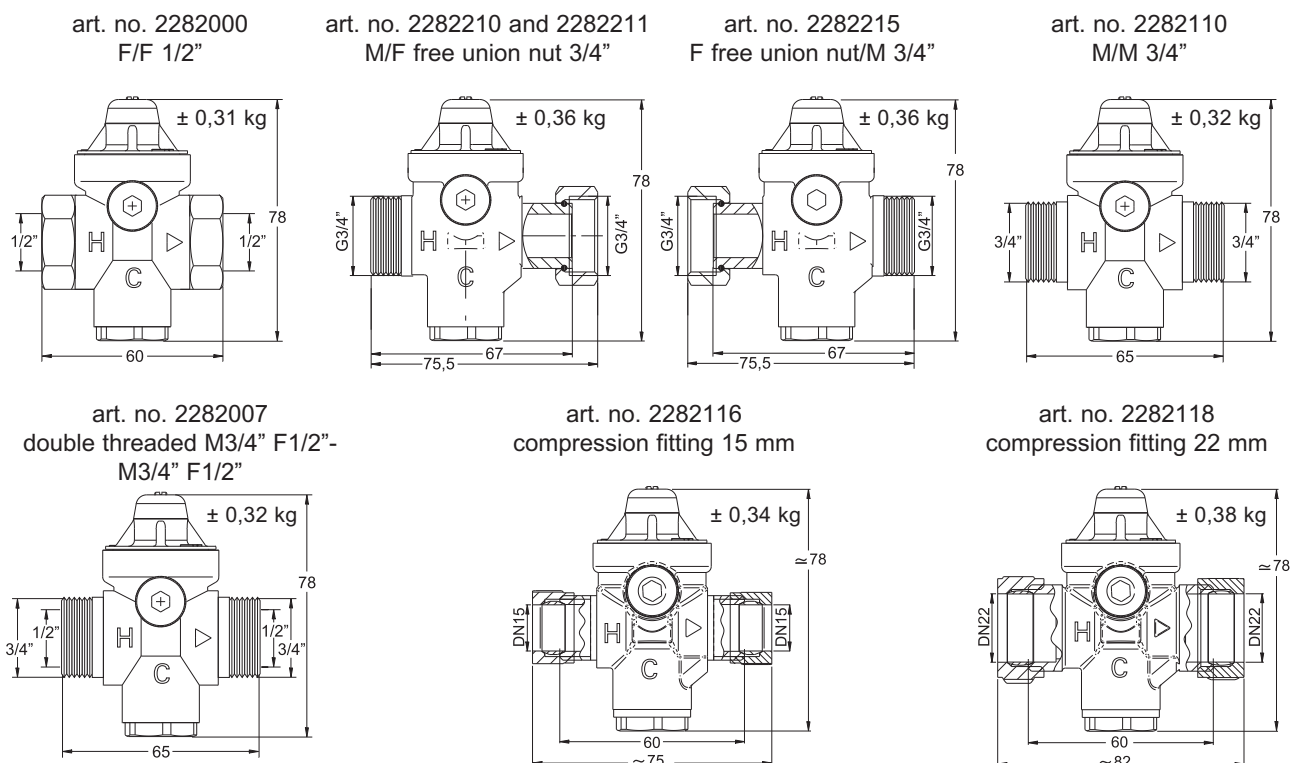
description	material
Body	brass DZR CW602N
Finish	nickel plated
Spring	zinc plated steel
Piston	PSU (polysulfone polymer)
Diaphragm and seals	EPDM & NBR
Head	brass CW617N
Cap	brass CW617N
Plug for gauge connection	P.A.

Recommendations / installation :

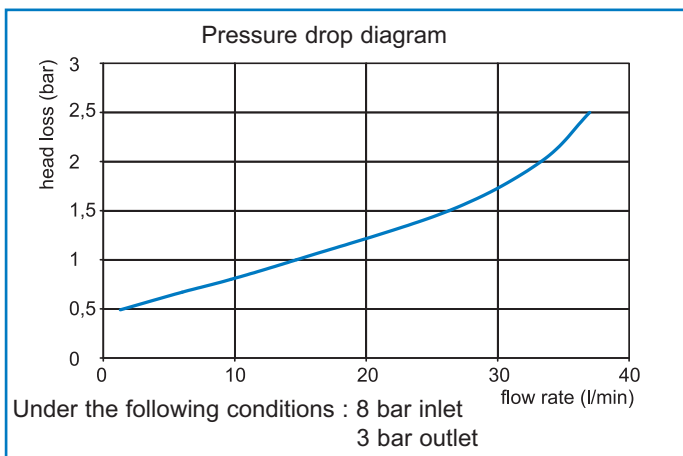
- Rinse the upstream pipes carefully to remove oakum, teflon, weld spatter, grit etc., before fitting the REDUFIX.
- Fit the REDUFIX to the inlet of the water circuit that you want to protect (kitchen, bathrooms, garden piping etc.).
- The setting can be adjusted between 1,5 and 5 bar.
Screw or unscrew the setting screw on the top of the appliance with a screwdriver to raise or lower this setting. After opening then closing a valve on the downstream circuit, check the pressure on the pressure gauge.
- You do not have to comply with any special position.
- The REDUFIX technical specifications do not change whichever operating plan is used.
- The hexagonal plug opposite the head can be taken off for blowing down or draining.

The REDUFIX requires no special maintenance, nonetheless we recommend that it is fitted in an accessible place.

Dimensions & weights:



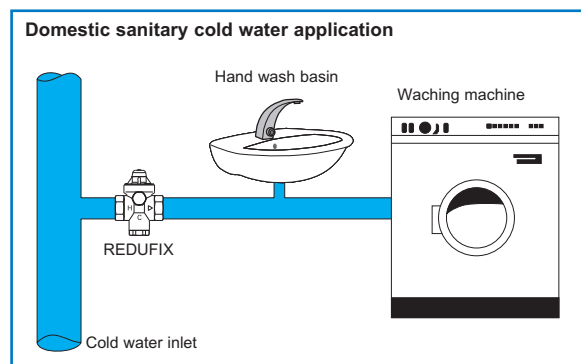
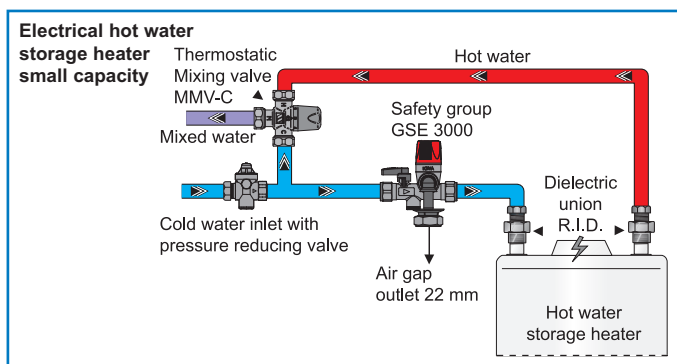
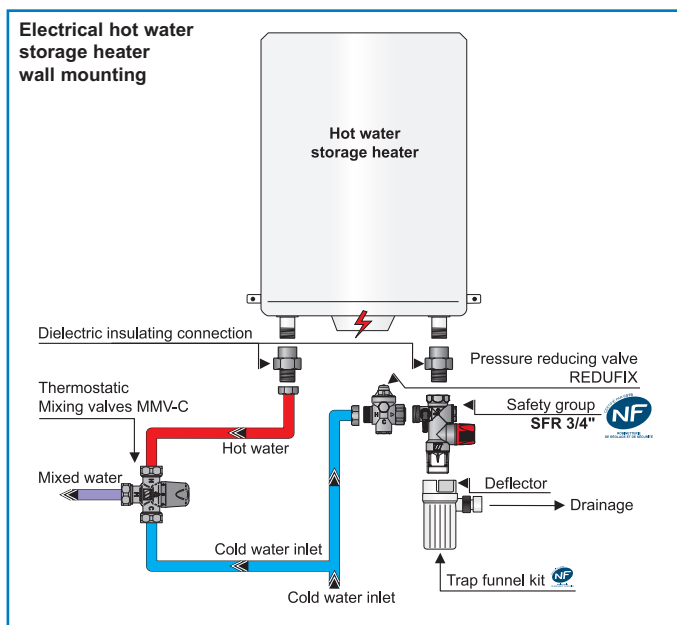
Pressure drop curve / headloss:



Range of use:

- Sanitary cold water.
- Hot water up to 70°C.
- 15 bar max inlet pressure.
- 3 bar (± 0,5) setting pressure (adjustable from 1,5 to 5 bar).

Typical installations:



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