

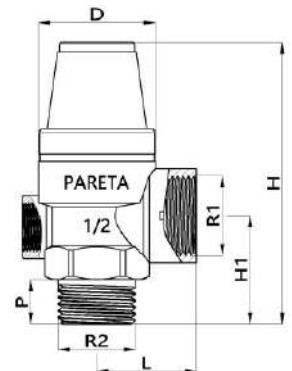
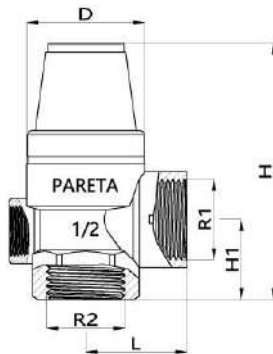
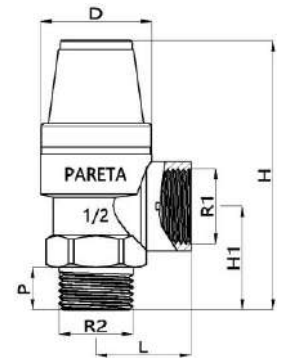
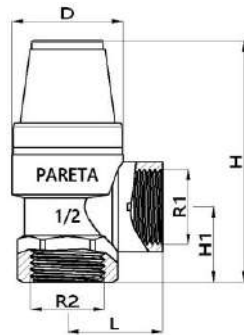
## BOILER SAFETY VALVE (for 3bar, 6bar and 7bar)

### OBJECT

The objective of this product is to guarantee the correct operation of the boiler in case overpressure, displacing to outside the necessary quantity of fluid to balance the internal pressure of the equipment.

### APPLICATIONS

The application for which it has been designed is as an equipment safety valve, installed directly to the heating boiler. For any other application, please consult to our technical department.



Code	Pressure	D	H	H1	R1	R2	L	P	Inner box	Box	EAN
5408120300	3 Bar	Ø31	68	21	1/2" H	1/2" H	26,5	--	1 unit	50 units	8435085523403
5408120600	6 Bar	Ø31	68	21	1/2" H	1/2" H	26,5	--	1 unit	50 units	8435085523410
5409120300	3 Bar	Ø31	75	29	1/2" H	1/2" M	26,5	12	1 unit	50 units	8435085523427
5409120600	6 Bar	Ø31	75	29	1/2" H	1/2" M	26,5	12	1 unit	50 units	8435085523434
5404120300	3 Bar	Ø31	68	21	1/2" H	1/2" H	26,5	--	1 unit	50 units	8435085524066
5405120300	3 Bar	Ø31	75	29	1/2" H	1/2" M	26,5	12	1 unit	50 units	8435085524073
5409123430	3 Bar	Ø31	75	29	3/4" H	1/2" M	26,5	12	1 unid.	50 units	8435085524738
5409123470	7 Bar	Ø31	75	29	3/4" H	1/2" M	26,5	12	1 unid.	50 units	8435085524745

NOTE: dimensions are mentioned in millimetres.

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### TECHNICAL FEATURES

- Maximum working pressure: 10 Bar
- Maximum working temperature: 110° C.
- Shutter material (obturator): EPDM
- Membrane material: EPDM
- Spring material: AISI-304
- Body material: Forged brass

### OPERATION

- To open the flow or the displacement system, turn the handle anticlockwise.
- To ensure the correct valve operation, it is absolutely necessary that the valve does not remain NEVER in intermediate positions of opening or closing under any reason.
- It is recommended to carry out the opening and closing movements of valve evacuation system, at least once a month.

### INSTALLATION

- For correct operation, water or fluids must be free of lime and solid particles that may obstruct or damage the leak-tight parts of the valve.
- It is mandatory to clean installation's pipes prior to the valve connection, guaranteeing inside the absence of strange elements which could damage the cutting off, leak-tightness and displacement system of the valve.
- Always respect the flow direction marked with an arrow on the valve body surface to ensure proper operation.
- Assemble the valve to network device or pipe using always suitable sealing elements and fittings for each type of valve. These fittings must carry out with regulations and standards required by the directives and current legislation.
- In case the fittings used require welding operations, DO NOT make such operations with the fitting connected to the valve, an excess of temperature could damage its vital parts of the sealing system. Also, be sure to remove all the fitting's parts that are rubber or liable to be damage in the welding process.
- Always assemble the valve to its connection ends designed for this purpose. DO NOT do it for the body, neck or handle.
- Check that connections are free of tensions, whether traction, compression, torque, bending or shearing.
- NEVER hit any part of the valve under any circumstances.
- DO NOT alter or modify any part of the valve or its components.
- Once the installation is finished, it is mandatory to carry out leaking tests required by the current regulations. These tests must always be prior to putting on service of the device or network.

### PERIODIC TESTS

- Maintenance operations are not required. It is only recommended realising opening and closing movements of the valve or its displacement system, once a month at least, as described in the OPERATION section.
- During the life of the valve, leaking tests required by the current regulations must be carried out.
- Periodically check that the valve has a proper operation, mainly the opening and closing movements or its displacement system.
- Also periodically check the general appearing of the valve, ensuring that there is not any damaged part.

### CAUTIONS

- Any deterioration or breakage of the valve or part of it requires complete replacement of the same one.
- Deterioration of any part of the valve means non-compliance of with the requirements of the Standards.
- Ensure that the valve is the suitable for the device or network to which we install and allows the flow and performances required for the intended use.
- All the installation must be done in accordance with the existing code of good practice, local laws, regulations, directives and approved national legislations.
- To check lacking of leaks in the installation, NEVER USE flames or any substance or product that is flammable or susceptible to fire or explosion.
- Do not use this valve for any other purpose than that one that the valve has been designed and manufactured, under any circumstance.