

TECHNICAL CATALOGUE

Pressure reducing valves EUROPRESS





> THE COMPANY

ITAP SpA, founded in Lumezzane (Brescia) in 1972, is currently one of the leading production companies in Italy of valves, fittings and distribution manifolds for plumbing and heating systems.

Thanks to fully automated production processes, with 72 tooling machines and 51 assembly lines, we are able to produce 200,000 pieces per day.

Our innate pursuit for innovation and observance of technical regulations is supported by the company certification ISO 9001. The company has always considered its focus on quality as the main tool to obtain significant business results: today ITAP SpA is proud to offer products bearing the approval of numerous international certifying bodies.





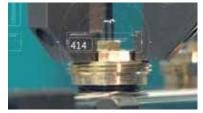


















> ITAP products have obtained approvals by more than 30 certification bodies from all over the world.























































































> GENERAL NOTES:

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems.

It can be installed in any position: vertical, horizontal, oblique.



PRESSURE REDUCING VALVES EUROPRESS

143 EUROPRESS pressure reducing valve



SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	25bar/362.5psi	1430012	1/34
3/4" (DN 20)	25bar/362.5psi	1430034	1/34
1" (DN 25)	25bar/362.5psi	1430100	1/18
1"1/4 (DN 32)	25bar/362.5psi	1430114	1/9
1"1/2 (DN 40)	25bar/362.5psi	1430112	1/9
2" (DN 50)	25bar/362.5psi	1430200	1/8
2"1/2 (DN 65)	25bar/362.5psi	1430212	1/6
3" (DN 80)	25bar/362.5psi	1430300	1/4
4" (DN 100)	25bar/362.5psi	1430400	1/3

> CERTIFICATIONS















> TECHNICAL SPECIFICATIONS:

Compensated piston operation.

Female/female threads.

Body in nickel-plated brass.

Minimum and maximum working temperatures: 0°C, 80°C.

Maximum inlet pressure: 25bar.

Outlet pressure can be adjusted:

1/2" - 3/4" - 1" between 1 and 5,5 bar;

1"1/4" through 4" between 1 and 6 bar.

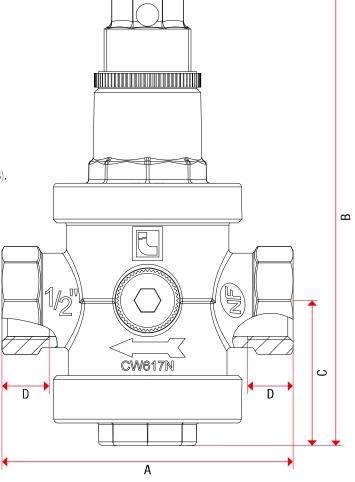
Factory preadjustment 3 bar.

Outlet pressure gauge connection 1/4" on both sides.

Threads ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

Available also with NPT thread in the sizes 2"1/2 - 3" - 4".

> OVERALL DIMENSIONS

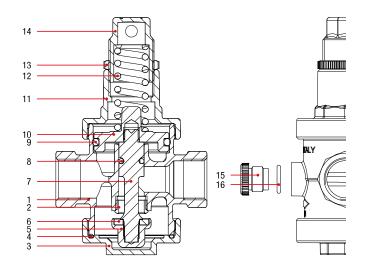


	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
DN	15	20	25	32	40	50	65	80	100
Α	77	85	91	118	126	142	147	179	188
В	127	124	159	220	220	248	267	290	331
С	38,5	38,5	56	68	68	86	87,5	96,5	103,5
D	12	12	13	18	18	20	20	22	23,5
Kg/cm ² bar	25	25	25	25	25	25	25	25	25
LBS - psi	362,5	362,5	362,5	362,5	362,5	362,5	362,5	362,5	362,5



> MATERIALS From 1/2" to 1"

POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Nickel-plated brass CW617N
2	Seat	1	Stainless steel AISI 303
3	Bottom plug	1	Nickel-plated brass CW617N
4	O-ring	1	EPDM
5	Shutter	1	Brass CW614N
6	Flat seat washer	1	EPDM
7	Stem	1	Brass CW614N
8	O-ring	1	EPDM
9	O-ring	1	EPDM
10	Diaphragm	1	Brass CW617N
11	Upper cover	1	Nickel-plated brass CW617N
12	Spring	1	EN 10270-1 DH
13	Nut	1	Polymer
14	Spring regulator	1	Nickel-plated brass CW617N
15	Plug	2	Polymer
16	O-ring	2	EPDM



> MATERIALS From 1"1/4 to 4"

POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Nickel-plated brass CW617N
2	Bottom plug	1	Nickel-plated brass CW617N
3	O-ring	1	NBR
4	O-ring	1	NBR
5	Shutter	1	Brass CW614N
6	Stop washer	1	Brass CW614N
7	Flat seat washer	1	NBR
8	Stem	1	Stainless steel AISI 303
9	Seat	1	Stainless steel AISI 303
10	O-ring	1	NBR
11	Fastening ring	1	Brass CW625N
12	O-ring	1	NBR
13	Diaphragm	1	Brass CW617N
14	Upper cover	1	Nickel-plated brass CW617N
15	Spring	1	EN 10270-1 SM/SH
16	Nut	1	Polymer
17	Spring regulator	1	Nickel-plated brass CW617N
18	Plug	2	Polymer
19	O-ring	2	EPDM

