



T431C - T29C

*Angle valve and lockshield valve for towel-dryer
in brilliant chrome finish*

T431C - T29C Angle valve and lockshield valve for towel-dryer in brilliant chrome finish

The micro-adjustable angle valve (with thermostatic option) T431C and the angle lockshield valve T29C have been designed with particular attention to the aesthetic aspects of the products. The smooth shape of the designs, added to the mirror finish chromium plating, lead to a product which is functional and attractive. They are mainly used in heating systems for the control of towel-dryers and where a particularly attractive valve is required and standard components do not meet the aesthetic requirements. In standard valves the most important aspects are the function combined with the ability to produce them in large numbers. The T431C and the T29C are far more highly finished than standard components and, in order to obtain this superior level of finish, the parts are individually polished and chromium plated on special jigs to

avoid accidental contact which might damage the surface. During final assembly the valves are protected to keep all the components clean and the assembly of the valves is carried out with the greatest care in order to avoid scratching and other surface damage. The attention paid to aesthetics does not detract from the valve performance which uses recently developed technology. The T431C valve has a bonnet with a one piece stainless steel spindle with the facility for micrometric pre-adjustment (for manual use). Thermostatic control is also possible using the thermostatic control heads R470, R456 or R452. The chromium plated hand-wheel is protected against damage and dirt during installation, after which the protection may be removed. The valve and the lockshield valve are both provided with copper tube adaptors.

Use

Max working temperature 110°C
Max. working pressure 1 MPa (10 bar)
Max. differential pressure 0.14 Mpa (1.4 bar)
Valve body components made of forged

brass, polished and chromium plated
Valve fitted with chromium plated ABS hand-wheel
BSP tail with special PTFE seal

Technical data

T431CX032	1/2"x 12
T431CX033	1/2"x 14
T431CX034	1/2"x 15
T431CX035	1/2"x 16

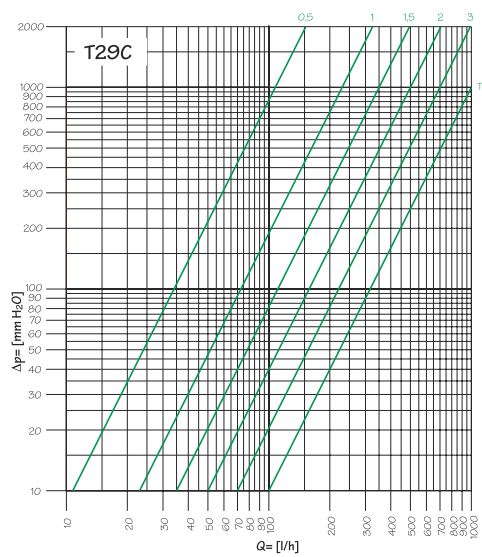
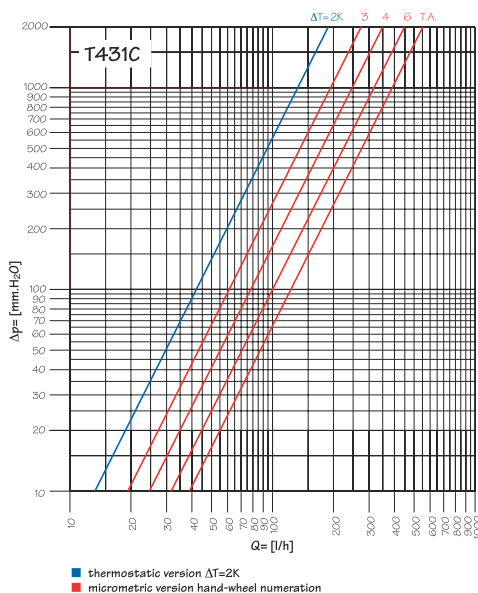
T29CX032	1/2"x 12
T29CX033	1/2"x 14
T29CX034	1/2"x 15
T29CX035	1/2"x 16

The diagrams show the pressure loss for T431C valves and T29C lockshield valves. The internal geometry is similar in both

valves and pressure loss is independent of the size of the copper tube adaptor.

Pressure loss

n°	Kv
ΔT 2K	0,42
3	0,62
4	0,80
6	1,02
T.A.	1,26



n°	Kv
0,5	0,34
1	0,73
1,5	1,11
2	1,6
3	2,21
T.A.	3,16