



Garden tap, ball type, with anti-freeze safety device
Series 603

Function

The anti-freeze safety device prevents ice build-up in domestic water circuits, thereby avoiding possible damage to water storages and pipes in domestic, solar and irrigation systems.

The garden tap is operated by a stainless steel lever and a special ball. A purpose-designed thermostatic element means the supply to the garden tap does not have to be shut off in the winter period, and water can be drawn off in outdoor temperatures up to -30°C.

The frost-free outdoor tap with a 1/2" connection is very quick and simple to install.

Product range

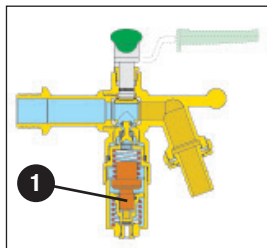
Art. 603450 1/2" M x 3/4" M with hose connection \varnothing 15

Technical specifications

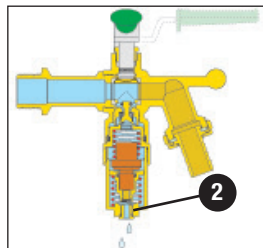
Max. working pressure:	10 bar
Ambient temp. range:	-30÷90°C
Opening temp.:	3°C
Closing temp.:	4°C

Body:	chrome
Operating lever:	stainless steel
Hose connection:	stainless steel

Working principle



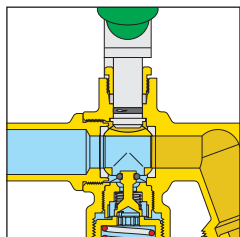
A thermostatic element (1), in contact with the ambient air, controls a shut-off obturator fitted to a passage seat in contact with the water contained in the pipe (2).



At a water temperature of 3°C, the thermostatic element shrinks and the obturator opens. This way a tiny passage is created to drain out a minimum amount of water and water frost inside the pipe is prevented. When the water temperature reaches 4°C again the obturator is closed and normal operation of the circuit resumes.

Advice: when installing the outdoor tap first rinse the circuit to guarantee proper working. Water drips out of the drainage point during operation of the frost protection. The quantity greatly depends on the outdoor temperature, the temperature at the inlet and the pressure of the installation. When the garden tap series 603 is installed in a drinking water system, it should be installed specified by standard EN 1717.

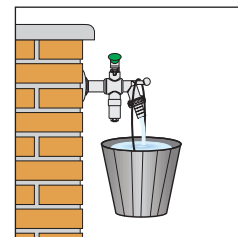
Special features



The tap is equipped with a ball featuring blow-out proof design, double O-ring seal and packing gland to prevent freezing of the tap.



The robust operating lever and fixing nut are made of stainless steel, for total resistance against corrosion in different climatic conditions.



The outdoor tap has a special attachment system to easily hang a bucket or water container on it.