

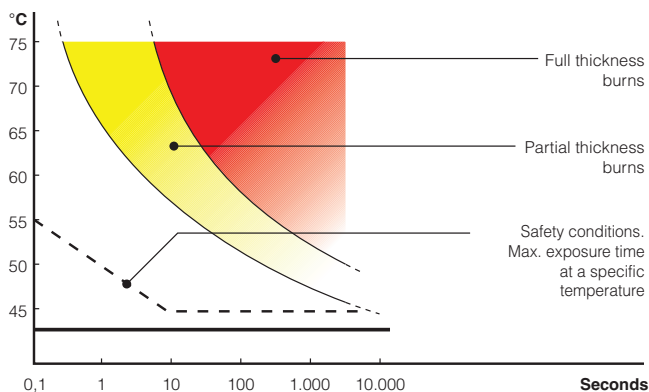


Safety in use

As shown in the diagram opposite, temperatures of more than 50°C can cause burning very quickly. For example, at 55°C partial burning will occur in approximately 30 seconds, while at 60°C partial burning will occur in approximately 5 seconds. These times are, on average, halved for children and elderly people.

Depending on the type of system and its intended use, together with the relevant risk assessment, various devices can be installed to safeguard users from scalding caused by hot tap water.

Temperature - Exposure time



Anti-scald device for domestic hot water use, code 600140



Function

The purpose of the device is to cut off the flow of water if its temperature reaches the set value. Designed for use in domestic hot water systems with electronic mixing valves with programmable thermal disinfection. Installed directly at the point of use outlet, it prevents the hot water from scalding the user during the thermal disinfection period ($T > 50^\circ\text{C}$).



Technical Specifications

Materials: - body: brass EN 12164 CW614N, chrome plated
- springs: stainless steel

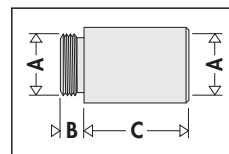
Max working pressure (static): 10 bar
Max working pressure (dynamic): 5 bar
Set temperature: $48 \pm 1^\circ\text{C}$

Connections: 1/2" F inlet
1/2" M outlet

Hydraulic characteristics

$K_v = 0,8 \text{ (m}^3/\text{h)}$

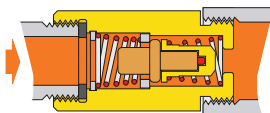
Dimensions



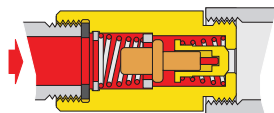
| Code | A | B | C |
|--------|------|---|----|
| 600140 | 1/2" | 8 | 38 |

Operation

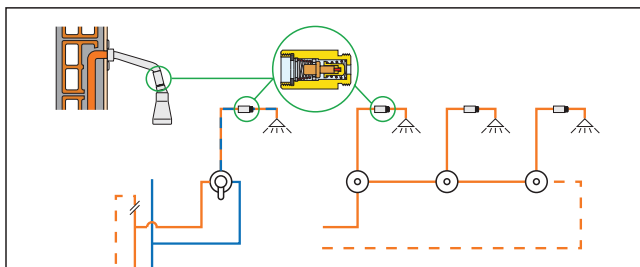
Open



Closed



Application diagram



SPECIFICATION SUMMARIES

Code 600140

Anti-scald device for domestic hot water use. 1/2" F inlet x 1/2" M outlet connections. Chrome plated brass body. Stainless steel springs. Maximum working pressure 10 bar. Set temperature $48^\circ\text{C} \pm 1^\circ\text{C}$.

We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice.



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