

600140

antiscald device



altecnic

600140 antiscald device



Dangers of Hot Water

Hot water can be extremely dangerous especially for young and elderly people, with limited mobility and slower reflexes.

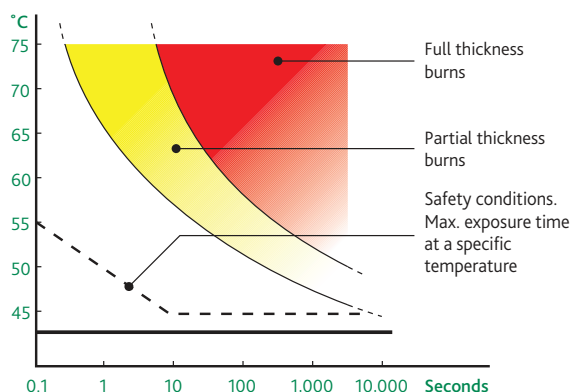
The diagram illustrates how temperatures above 50°C can scald and cause burns very quickly.

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.

For the young and elderly these times on average can be halved.

A risk assessment should be conducted to determine the most appropriate antiscald device to be used for the various applications to limit the temperature of hot water from taps and showers.

Temperature - Exposure time



Function

The Altecnic antiscald device is used to cut off the flow of water when the temperature exceeds the cut off temperature of 48°C.

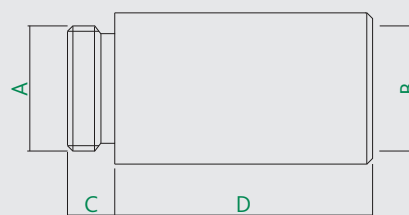
Designed for use in domestic hot water systems, the antiscald device should be installed adjacent to the water outlet to prevent the user being scalded.

Supplied with a parallel threaded end complying with BS EN ISO 228-1

Construction Details

Component	Material	Grade
Body	Brass - chrome plated	BS EN 12164 CW614N
Spring	Stainless Steel	AISI 304

Dimensions



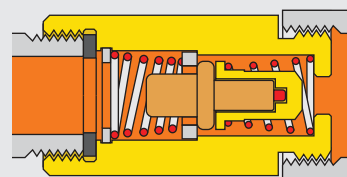
Code	A	B	C	D
600140	G1½B	G½	8	38

Technical Specification

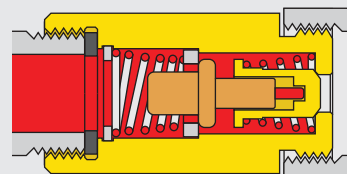
Max. working pressure (static):	10 bar
Max. working pressure (dynamic):	5 bar
Set temperature:	48 ± 1°C
Inlet connection:	½" female
Outlet connection:	½" male
Kv value:	0.8 m³/hr

Operation

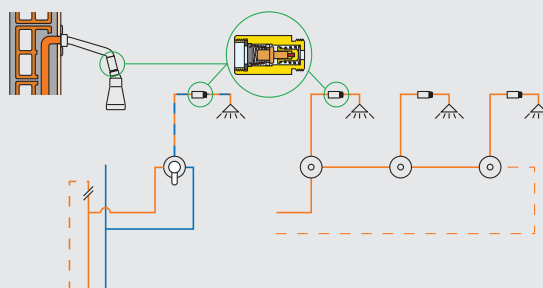
Open - Water temperature below 48°C



Closed - Water temperature above 48°C



Typical Applications



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