

To efficiently store as much heat as possible the water temperature in a boiler or combo-vessel is higher than 60 °C. At this temperature level, there is a risk of scalding within a few seconds. To prevent this, a thermostatic mixing valve is used between the vessel and the draw-off point or several draw-off points. The Flamcomix limits the maximum output temperature of the draw-off points. This permits the input temperature to be maintained at a high level thus preventing the growth of Legionella bacteria. The output temperature can be set to a safe and comfortable level.

Inclusion of a Flamcomix valve will improve safety in the hot water system. In addition, the comfort of the system is increased by the constant output temperature. Furthermore, you avoid wasting water by an immediate supply of water at the correct temperature.

For application with potable water according to Guideline 98/83/EG.

Advantages

- **Stable output**

The output temperature is maximum ± 3 °C of the set temperature. This way the Flamcomix is very capable of absorbing sudden temperature fluctuations.

- **No calcification**

In the functional area: polished surfaces to prevent limescale deposits.

- **Setting accuracy**

The multi-turn setting control permits fine adjustment of output temperature.

- **Locking cap**

The locking cap prevents accidental adjustment of the output temperature.

- **Little pressure resistance**

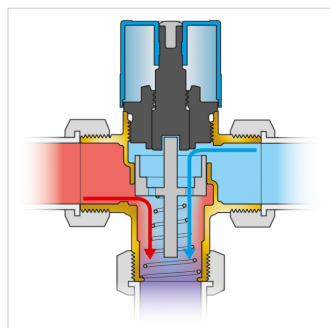
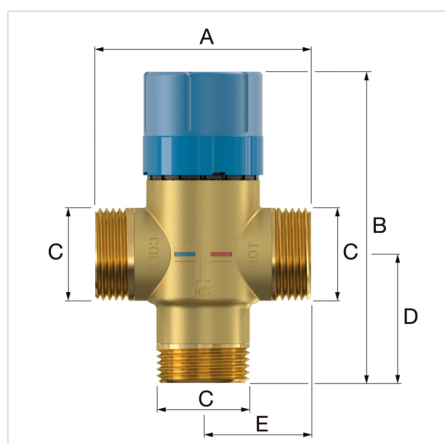
Minimal pressure drop is achieved by the optimised design of the internal parts and the back-flow preventor that was developed especially for this purpose.

Technical Specifications

- Adjustable temperature range: 45 – 65 °C, 35 – 70 °C (especially suitable for legionella flushing and low temperatures) or 20 °C – 70 °C (high capacity).
- Maximum working temperature: 100 °C (including back-flow safeguard 90 °C).
- Pressure range (static): 0.5 - 10 bar.
- Working pressure (dynamic): 0.5 - 5 bar.
- Maximum constant pressure differential of hot / cold supply: 2 bar.
- Stable output temperature: 3 °C at 15 °C hot water change.
- Noise category: 2.
- Installation position: any position.
- Housing: dezincification resistance brass.
- Internal parts: high quality synthetics.
- Seals: EPDM.
- Spring: stainless steel.
- Brass housing with anti-lime coating (PTFE).
- For application with potable water according to Guideline 98/83/EG.



Description	Flamcomix G¾"M DN15 35-70C°	
Order Code	28773	
GTIN	08712874287730	
Model	<u>Flamcomix Mixing Valve</u>	
DN (syst.)	DN15	
Connection (C)	¾"	
Adjustable temperature range [°C]	35 - 70	
Back flow preventer	no	
Dimensions	A [mm]	76
	B [mm]	max. 122
	D [mm]	46
	E [mm]	38



Classification General Data

Etim Group	Flow control valves
Etim Class	Thermostatic flow control valve, hot tap water
Product Name	Flamcomix 35-70°C DN15 G¾"M
Brand	FLAMCO
Product Type	Flamcomix
Order Code	28773
GTIN	08712874287730

Attributes

Housing material	Brass
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Nominal diameter	DN 15
Outer pipe diameter	26.9 Millimetre
Connection 1	External thread cylindrical BSPP-G (ISO 228-1)
With coupling connection 2	No
Article compression class	Pressureless
Temperature setting range	35 - 70 °C
Min. flow	No
Disinfection function	None
With drain valve	No
With position indicator	No
Setting can be locked	Yes
With measuring nipples	No
With thermometer	No
With thermometer connection	No
With measuring connector	No
KIWA certified	No
Kvs value	1.6
Length of connection 1	46 Millimetre
Working length connection 1	46 Millimetre
Length of connection 2	38 Millimetre
Working length connection 2	38 Millimetre
Handle/hand wheel height	122 Millimetre

Find more information online:
[Installation and operating instruction](#)
[Certificate PZH](#)
[Flamcomix ADSK](#)
[Flamcomix DWG](#)
[Flamcomix IPT](#)
[Flamcomix STEP](#)
[Flamcomix Brochure](#)
[Packaging data](#)

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