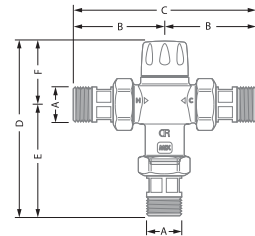


Thermostatic valve

for D.H.W. unvented heaters

This accessory is installed at the hot water outlet of the heater and allows mixing with cold water from the supply network. The resulting mixed water is transported at a lower temperature, achieving energy savings and minimising heat loss through the pipeline.



TECHNICAL INFORMATION

| | |
|---|-----------------|
| Material: anti-acidification chrome alloy | EN 12165 CW602 |
| Shutter | PSU |
| Springs | Stainless steel |

INSTALLATION

| | |
|----------------------------------|---|
| Hot and cold water inlet filters | ✓ |
| Hot and cold water inlet valves | ✓ |

SAFETY

| | |
|--------------------------------|---|
| Regulation lock nut protection | ✓ |
| Anti-scald protection | ✓ |

REGULATIONS & GUARANTEES

| | |
|-------------------|---------|
| NF 079 Regulation | ✓ |
| Guarantee | 2 years |

MODELS

KWVA1814
KWVAL1815

DIMENSIONS

| | KWVA1814 | KWVAL1815 |
|------------|----------|-----------|
| A (inches) | 1/2" | 3/4" |
| B (mm) | 62.5 | 67 |
| C (mm) | 125 | 134 |
| D (mm) | 126.5 | 127 |
| E (mm) | 81.5 | 82 |
| F (mm) | 45 | 45 |

CHARACTERISTICS

| | | |
|---|---------------|---------------|
| Temperature adjustment range | 30÷50°C | |
| Maximum working pressure - static (bars) | 10 | |
| Maximum working pressure - dynamic (bars) | 5 | |
| Maximum temperature input | 85°C | |
| Minimum flow rate for stable temperature | 4 l/min | 6 l/min |
| EAN CODE | 8436045917021 | 8436045917058 |

The thermostatic valve increases the volume of hot water available compared to the capacity of the tank (defined as the equivalent volume).

This equivalent volume represents the litres of water available at 39°C, assuming the water inlet temperature is 15°C and the set temperature is 73°C.

| | | | | | | |
|-----------------------------------|----|----|-------|-----|-----|-----|
| Available water without valve (L) | 30 | 50 | 75 | 100 | 150 | 200 |
| Available water with valve (L) | 51 | 85 | 125.5 | 170 | 250 | 340 |

Installation diagram

NHS Estate's current guidelines recommend a maximum distance of **2m** from the outlet of the mixing valve to the terminal fitting, which the mixing valve is to serve.

