

M2

TECHNICAL DATA

Operating pressure: 0.05-1Mpa

Recommended pressure: 0.1-0.5Mpa

> 0.5Mpa installation of a flow reducer is recommended

Cold water supply temperature: 5-23°C

Hot water supply temperature: 50-80°C

Temperature range: 20-50°C

Security stop: 38°C (Under the condition of cold water 18-23°C and hot water 60-68°C, at 0.35Mpa)

Manual diverter

Cold water supply failure test: Within 5 seconds after cold water supply fails,

outflow rate automatically drops to 1.9L/Min.

Outflow quantity: < 150ml, outflow temperature: < 49°C

Test under EN817 GB/T18145-2000 (70,000 cycles)

Test under CSA B125-98 (> 100,000 cycles)

Outflow temperature Auto-aligning sensitivity:

When inlet water temperature is constant and pressure varies by 20%, water temperature change will be less than $\pm 1.5^\circ\text{C}$:

When inlet water pressure is constant and hot water temperature varies from 50% to 80%, outlet water temperature change will be less than $\pm 1.75^\circ\text{C}$.

The influence of water supply pressure on outflow temperature (See Fig.1);

Inlet water: cold 16.8°C, hot 64.2°C Adjusted temperature: 38°C

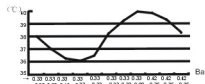
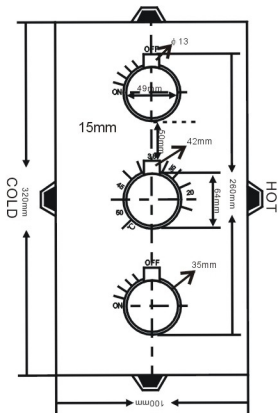


Fig.1

The relationship angle the temperature outlet water and the angle of temperature

control knob (See Fig.2):

inlet water: cold 17°C, hot 64.7°C Adjusted temperature: 38°C, 3.8°C

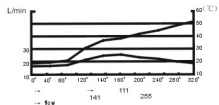


Fig.2

Applicable Standard: CSAB125-98 ASSE 1016 EN1111\AS-4032-1998

