

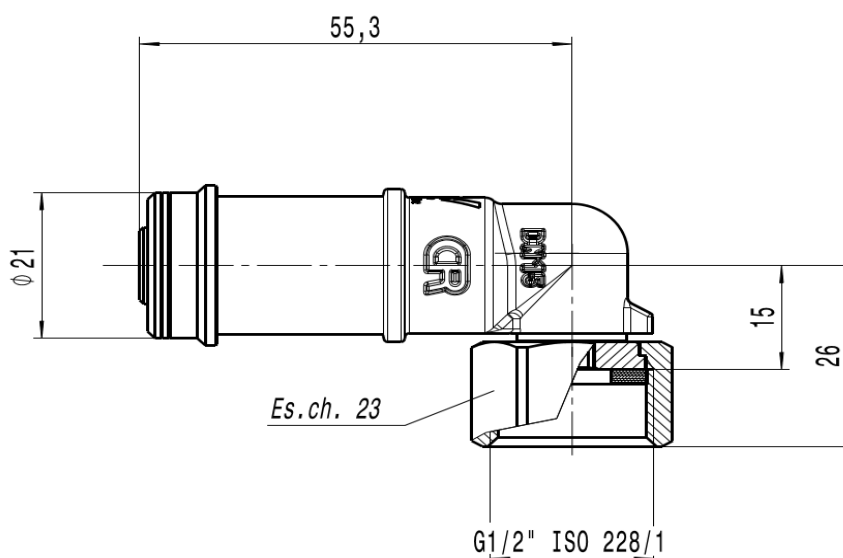
AFV603040

Caleffi Frost Protection Valve For Solar Panels



Technical Specification

- Body: brass EN 12165 CW617N, chrome plated
- Obturator stem: brass UNI EN 12164 CW614N
- Seal seat: stainless steel
- Springs: stainless steel
- Seal elements: NBR
- Strainers: stainless steel
- Medium: water
- Max. working pressure: 10 bar
- Ambient temperature range: -30–90°C
- Opening temperature: 3°C
- Closing temperature: 4°C
- Accuracy: ±1°C
- Connections: - anti-freeze device (603041): 1/2" F with nut



Warranty

[Download the latest warranty statement](#)

Features

The anti-freeze safety device prevents ice build-up in domestic water circuits, avoiding possible damage to water storages and pipes in hydraulic, solar and irrigation systems. When the minimum ambient operating temperature is reached, it automatically opens so that a minimum quantity of water may flow toward the drain, enabling a small continuous inflow of water; this prevents water from freezing inside the pipe. When the ambient temperature increases or in the event of contact with warmer water, the opposite action occurs, causing the device to shut off and circuit normal operating conditions to be restored. Designed to be attached to solar panels this valve is specifically constructed for these installations.