

# HS108601

HP Anti-freeze valve 1"



## Technical Specification

### Materials

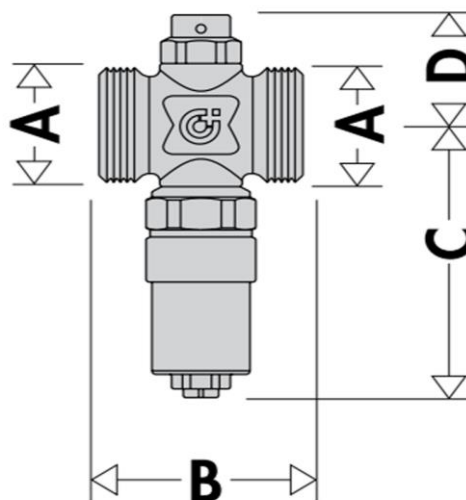
- Tee Body: brass EN 12164 CW617N
- Thermostatic cartridge body: brass EN 12165 CW724R
- Springs: stainless steel
- Seals: EPDM
- Connections: 1" flat face



### Performance

- Medium: water
- Maximum working pressure: 10bar
- Working temperature range: 0–65°C
- Ambient temperature range: -30–60°C
- Medium temperature (opening): 3°C
- Medium temperature (closing): 4°C
- Accuracy: ±1°C
- Kv (straight path): 33m3/h

**108601**



Code	A	B	C	D
108601	1"	52	79	32

## Application

The HP Anti-freeze valve 1" is used in heating & cooling systems to provide a safety function and is installed mostly outside the plant room.

## Warranty

[Download the latest warranty statement](#)

## Features

The antifreeze valve allows the circuit medium to be drained when its temperature reaches an average value of 3°C. This prevents ice forming in the circuit of a system, generally with a heat pump, avoiding potential damage to the machine and to the pipes.

When the temperature of the water in the pipe drops below 3°C, the obturator of the antifreeze valve opens and drains off the water. The obturator closes when the medium temperature returns to 4°C.