

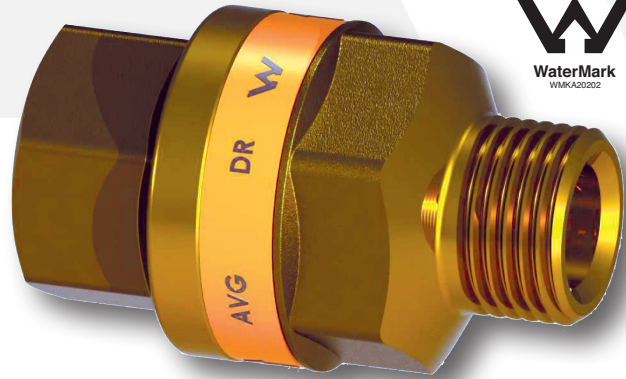
High Temperature Check Valve, HTCV

Suitable for solar hot water systems



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AVG[®]
Australian Valve Group
A **WATTS** Brand



HTCV

HTCV15F-15C and HTCV15C-15F

AVG has developed a range of valves for solar applications and in collaboration with the solar hot water industry has developed a high temperature non return valve.

As solar hot water heaters are becoming more efficient and the stagnation temperatures within the solar collector panels is increasing, damage to pipework and other components is becoming an issue.

The HTC is a high temperature non return valve designed to prevent the back flow of high temperature hot water.

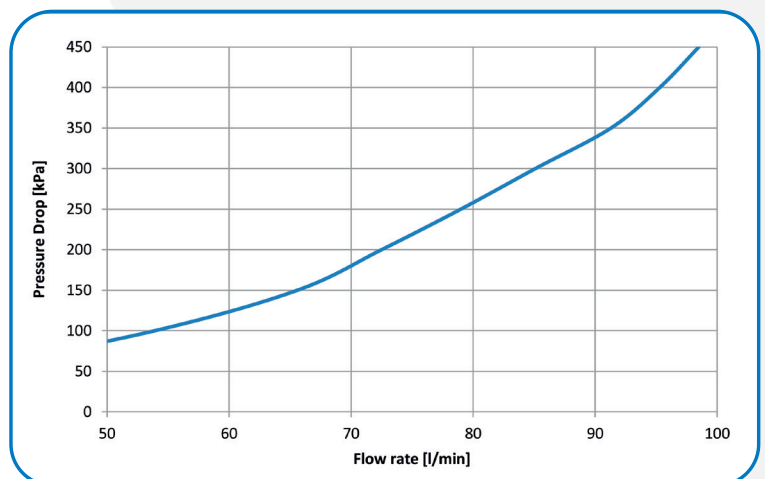
Application

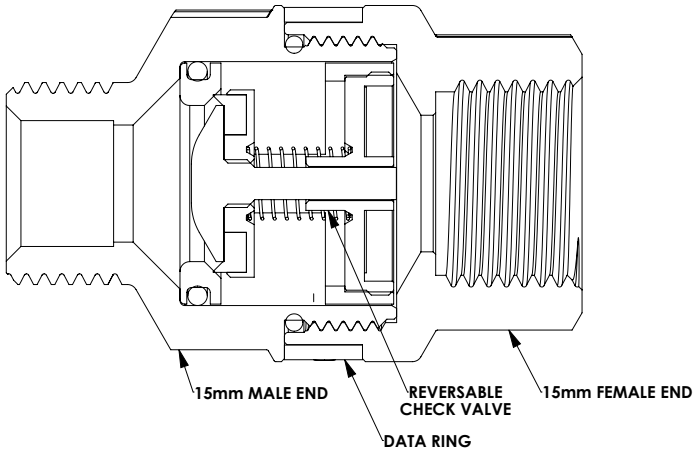
High temperature non return valves need to be installed to prevent high temperature hot water from the solar collector panels damaging plastic water pipes, pumps, valves and other components within the plumbing system.

This valve is suitable for pumped solar flow and return lines to prevent back flow.

To prevent back flow and damage to the plastic cold water pipework the HTC can be installed into the incoming mains supply line to a storage hot water heater.

Pressure Comparison





Specifications

- Max. temperature: 250°C
- Max. supply pressure: 1400kPA
- Flow rate max.: 90 l/min
- End connections: 1/2" male X 1/2" female
- Body: DZR brass
- Seals: Silicone

MODEL NO.	DESCRIPTION	CONNECTIONS
HTCV-15F-15C	High temp. non return valve	Inlet 1/2" female BSP Outlet 1/2" male compression
HTCV-15C-15F	High temp. non return valve	Inlet 1/2" male compression Outlet 1/2" female BSP

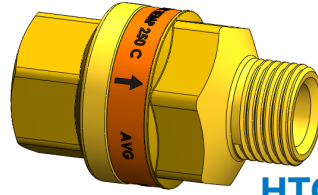
Features

- Robust DZR brass construction
- Designed for high temperature solar installations
- No plastic internal components
- High temperature internal components
- High temperature silicone seals
- Reversible check valve cartridge
- Two HTCVC models are available with alternative flow directions.
- IMPORTANT NOTE: check the flow direction on the data ring before installing
- The HTCVC is suitable for vertical or horizontal installations



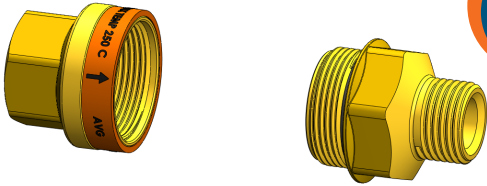
Conversion Instructions

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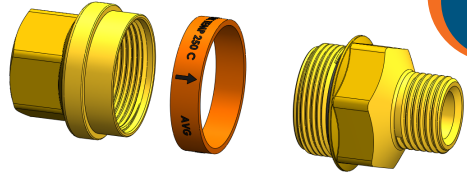


HTCV-15F-15C

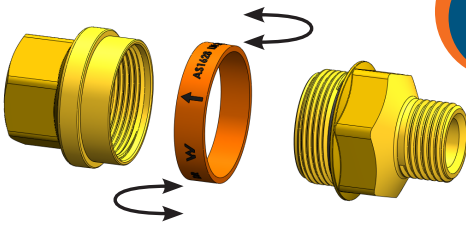
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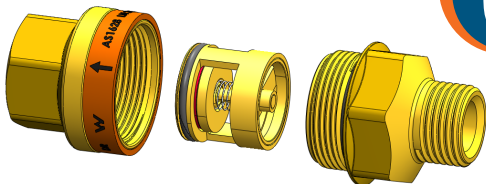
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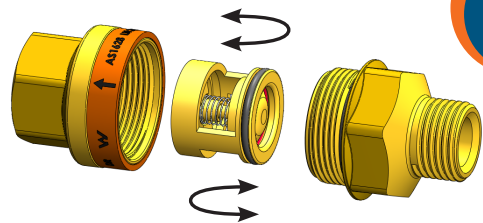
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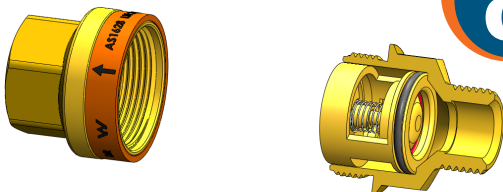
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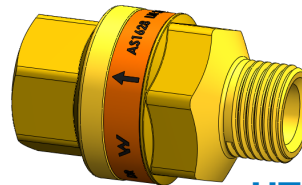
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HTCV-15C-15F

DISCLAIMER: Every care has been taken in the preparation of these instructions, which have been issued as a guide only. Compliance with the requirements of local Authorities is required at all times. These requirements may change from time to time. Always be aware of the local requirements. Subject to any statutory obligations and manufacturers warranties no liability can be accepted for any losses, consequential or otherwise which may arise or be said to have arisen from relying upon the contents of this installation instruction as to the fitness of any particular product for any particular purpose, use or application. The Australian Valve Group Pty Ltd reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.



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