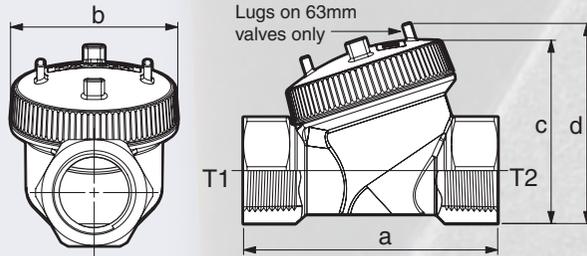


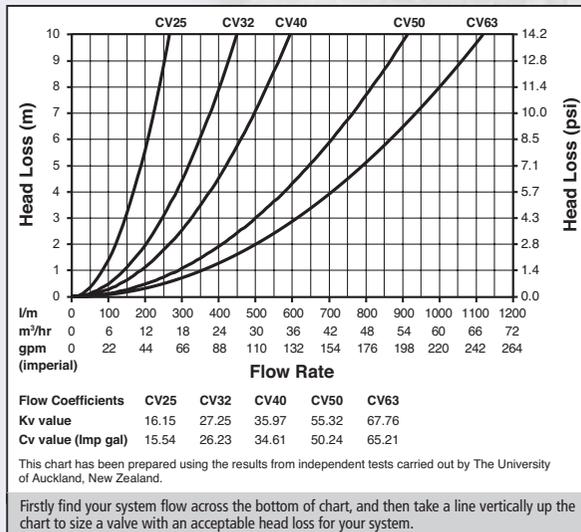
## Technical Specifications

### Hansen *Check Valve* Dimensions and Available Sizes



Product Code	T1 BSPT (DN*)	T2 BSPT (DN*)	a mm	b mm	c mm	d mm
CV25	25mm (1")	25mm (1")	102	69	74	NA
CV32	32mm (1 1/4")	32mm (1 1/4")	122	87	94	NA
CV40	40mm (1 1/2")	40mm (1 1/2")	133	99	106	NA
CV50	50mm (2")	50mm (2")	164	123	132	NA
CV63	63mm (2 1/2")	63mm (2 1/2")	198	152	NA	178

### Hansen *Check Valve* Flow Chart



### Standards & Approvals

**AS/NZS 4020** Hansen *Foot Valves* have met the requirements of AS/NZS 4020 Australia & New Zealand drinking water test standard. See our website for details.

For further technical information, including chemical & temperature specifications, please visit our website: [www.hansenproducts.com](http://www.hansenproducts.com)

## Frequently Asked Questions

- Q** I find my check valves too often not sealing, I've been told I should have a filter upstream of the valve, is this the same with the Hansen *Check Valve*?
- A** All check valves should be screened upstream. The advantage of the Hansen *Check Valve* is that they can be serviced in-line if your water is dirty.
- Q** How do I know what size valve to use?
- A** Work out the flow rate of your pump (your pump supplier / installer can help you here) then refer to the Hansen *Check Valve* Flow Chart on the previous page.
- Q** I have noticed the Hansen *Check Valve* has a screw top, does this mean it can be serviced inline?
- A** Yes the Hansen *Check Valve* can be serviced in-line and any parts replaced if required.
- Q** I have an existing water line with a 40mm valve on it and I want to replace the valve with a Hansen valve. Do I use the same size valve as my existing one?
- A** You may find you will be able to use a smaller sized Hansen *Check Valve* than the one you have at present. The Hansen *Check Valve* packaging carries a printed Flow Chart of all sizes. All you need to know is your flow in the line and the headloss you can afford to choose the correct size valve.
- Q** Can the Hansen *Check Valve* be used with salt water passing through them?
- A** The spring in the valves is made of 302 grade stainless steel, and may eventually corrode in the salt water. The spring is available as a replacement part if required. All other parts of the valve are fully resistant to salt water.

**HANSEN PRODUCTS (NZ) LIMITED**  
 PO Box 809 • Whangarei • New Zealand  
 P: +64 9 430 4140 F: +64 9 430 4141  
 E: [info@hansenproducts.com](mailto:info@hansenproducts.com)  
 W: [www.hansenproducts.com](http://www.hansenproducts.com)

**HANSEN**  
 Best Installed Value



Available From:

# HANSEN™

## Check Valves



HD6088 2210

[www.hansenproducts.com](http://www.hansenproducts.com)

# High Performance Cost Effective Check Valve

## Best Installed Value

Hansen Products *HiFlo* Valves are Strong, Lightweight and Compact and have been designed and manufactured to deliver high volumes of water quickly with smooth, unrestricted, full flow control.

The very first Hansen *Check Valve* began its life cycle in the 1950s when Bert Hansen developed a brass valve with operating features so substantially advanced, it placed it decades ahead of any other similar check valve on the market at the time. With the advent of high quality plastic materials, moving the valves to these new materials was the next logical step. Such was the strength of the original design, the same basic design principles remain intact, and with some enhancements and reintroduction in 1997, the Hansen *Check Valve* continues to outshine competitor check valves in full flow rate, valve jamming resistance and easy in-line serviceability.

With over 60 years' experience in manufacturing, Hansen Products knows the importance of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value".

All Hansen products carry our Limited Lifetime Warranty\*

\*For more information on our warranty, please visit [www.hansenproducts.com/legal.htm](http://www.hansenproducts.com/legal.htm)

## Product Details



**HCV Hansen Check Valve**  
**Available Sizes:** 25mm, 32mm, 40mm, 50mm, 63mm BSPT (1", 1 1/4", 1 1/2", 2", 2 1/2" BSPT)\*



**HVD Diaphragm & Spring Kit**  
 Replacement diaphragm & spring kit for Hansen Check or Foot Valve.  
**Available Sizes:** 25mm, 32mm, 40mm, 50mm, 63mm (1", 1 1/4", 1 1/2", 2", 2 1/2")

\*Also available in NPT thread format. Non-stock item available on request

### WORKS AT ANY ANGLE OR POSITION

up side down, on its side or straight up and down.

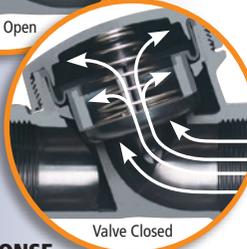


### EXCEPTIONAL FLOW

Exceptional flow rate means shorter pumping times, reducing pumping costs & relieving long term system maintenance



Valve Open



Valve Closed

### FAST RESPONSE

Smooth Operating Valve for High Efficiency

### HIGH QUALITY MATERIALS

Manufactured from strong, non-corrosive UV stabilised materials for a long life.

- Body - High Quality Glass Fibre Reinforced Nylon
- Diaphragms - Durable Long Life Nitrile Rubber
- Spring - High Grade Stainless Steel



All Hansen Check Valves are rigorously hand tested.

### EASY IN-LINE SERVICING

Easy access Screw Cap provides in-line servicing for all moving parts.



### INTERCHANGABLE PARTS

Diaphragm and spring are interchangeable with the same size Hansen Foot Valve



### NO POPPET VALVE TO WEAR OR JAM



**Available Sizes:** 25mm, 32mm, 40mm, 50mm, 63mm BSPT (1", 1 1/4", 1 1/2", 2", 2 1/2" BSPT)

### POTABLE WATER APPROVED

Materials approved for use with Potable (drinkable) Water

AS/NZS 4020:2018



### MAXIMUM WORKING PRESSURE

10 Bar (145 psi) @ 20°C

### FAST AND EASY TO INSTALL

A few simple steps and you're up and running with your new Hansen Check Valve!

1. Visit our website to help determine which sized Check Valve to use; [www.hansenproducts.com/products/valve/CV-flow.htm](http://www.hansenproducts.com/products/valve/CV-flow.htm)



3. When connecting to pump, fittings, or pipe, ensure you use thread sealant or thread tape on all threaded connections. We recommend Loctite 5331

2. Determine the flow direction of your system, then install the Check Valve so that the arrows on the valve face the SAME DIRECTION the system will be flowing.