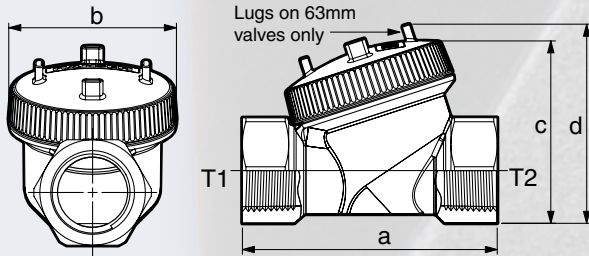


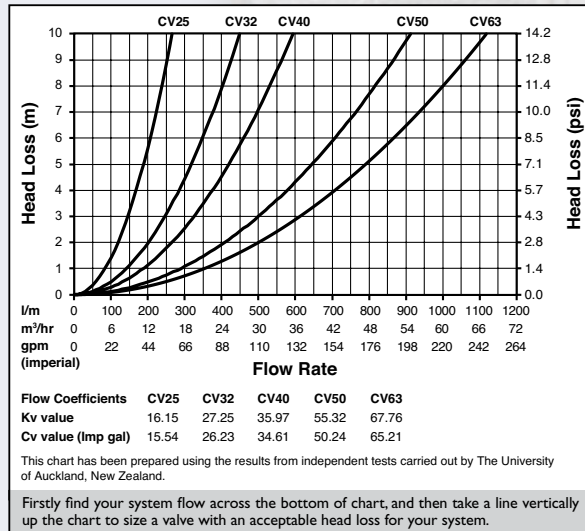
Technical Specifications

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 Check 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

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 inline 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.

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HANSEN
 Best Installed Value

Available From:

HANSEN™

Check Valves



HDB 088 1705

www.hansenproducts.com

Best Installed Value

Hansen's Pipe Fittings and Valves have been working for New Zealanders for over 60 years and are winning a world market. It all started in the 1950's, Bert Hansen was building a house and couldn't find a reliable toilet valve, being an engineer he invented one and from there it all started.

Bert designed the first Hansen *Check Valve* in the late 1960's from Brass, which lead the way in valves. In the late 1980's Hansen Products re-released the range of *Check Valves* in high quality Glass Fibre Reinforced Nylon. The operating concept and principals from the original brass *Check Valve* were carried through into the plastic version ensuring the same features that made the brass *Check Valve* so popular where duplicated.

Hansen *Check Valves* unique design gives you exceptional flow rates, which means you can move more water in less time saving on pumping costs. The screw cap allows for easy access for in-line services, there is no Poppet Valve to wear or jam and the diaphragm and spring are interchangeable and replaceable.

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

Features & Benefits

Used in-line as a non return valve to stop fluids flowing back through your system

- High Performance, Cost Effective *Check Valve*
- Strong Compact Design
- Delivers high volumes of water quickly with unrestricted full flow
- Screw Cap for easy access for in-line servicing
- No Poppet Valve to wear or jam
- Diaphragm and spring are interchangeable with the same size Hansen *Foot Valve*
- Manufactured from strong, non-corrosive UV stabilised materials for a long life
- Materials approved for use with Potable (drinkable) Water
- Fast Response when opening and closing
- Smooth operating valve for high efficiency
- All connecting threads are BSPT and NPT



HANSEN *Check Valves*
are rigorously hand tested

The Check Valves are protected by intellectual property rights owned by the Hansen group of companies in New Zealand, Australia and other countries, including NZ patents 286543 and 331955, Australian patent 708382, United States patent 6,374,855 and registered design 426617, United Kingdom registered design 2079841, Malaysian patent MY-0119324-A, Israeli patent 126944 and Canadian patent 2253848.

Hansen *Check Valves* are Hand Tested



When Hansen Products decided to re-release the Hansen *Check Valve* in the early 1980's the design brief was simple for our R&D team. Firstly it must follow the same operating design and principals that made the brass *Check Valve* so popular and secondly it must follow Bert Hansen's original principle of "Keeping It Simple".

R&D Manager Phil Collins said "we knew that we had a winning operating design we just needed to transfer that design to a different material as that was the way the market was heading. As the rest of our product range is made from high quality Glass Fibre Reinforced Nylon, which we are extremely happy with, deciding to make the Hansen *Check Valve* from this was obvious. The original operating principals were transferred to the new material along with some added features. Customers said that flow rates were of the utmost importance, as they wanted to be able to move more water in less time. They also said they wanted to be able to service the valve in-line instead of having to disconnect it first and they didn't want a valve that would wear or jam easily".

We believe we have met all of these requirements and made the transition from brass to Glass Fibre Reinforced Nylon a success without having to make any compromises. What you have today is a high quality Hansen *Check Valve* that you can rely on, is easy to install and maintain, and is made by real people for real people.

We also decided that Hansen Valves will go through rigorous testing procedures to keep our promise of "Best Installed Value" to our customers.

