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.

Hansen Check Valve Flow Chart

<table>
<thead>
<tr>
<th>Product Code</th>
<th>T1 BSPT (DN*)</th>
<th>T2 BSPT (DN*)</th>
<th>a mm</th>
<th>b mm</th>
<th>c mm</th>
<th>d mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV25</td>
<td>25mm (1&quot;)</td>
<td>25mm (1&quot;)</td>
<td>102</td>
<td>69</td>
<td>74</td>
<td>NA</td>
</tr>
<tr>
<td>CV32</td>
<td>32mm (1 1/4&quot;)</td>
<td>32mm (1 1/4&quot;)</td>
<td>122</td>
<td>87</td>
<td>94</td>
<td>NA</td>
</tr>
<tr>
<td>CV40</td>
<td>40mm (1 1/2&quot;)</td>
<td>40mm (1 1/2&quot;)</td>
<td>133</td>
<td>99</td>
<td>106</td>
<td>NA</td>
</tr>
<tr>
<td>CV50</td>
<td>50mm (2&quot;)</td>
<td>50mm (2&quot;)</td>
<td>164</td>
<td>123</td>
<td>132</td>
<td>NA</td>
</tr>
<tr>
<td>CV63</td>
<td>63mm (2 1/2&quot;)</td>
<td>63mm (2 1/2&quot;)</td>
<td>186</td>
<td>152</td>
<td>NA</td>
<td>178</td>
</tr>
</tbody>
</table>

Hansen Check Valve Dimensions and Available Sizes

Lugs on 63mm valves only

Technical Specifications

Standards & Approvals

AS/NZS 4020

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

Available From:
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

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.