

## Product Details



### HSFPV2520 Superflo 25/20

**Supplied with:** Complete Plastic Valve Body, 15, 20 & 25mm Standard Adaptors, Brass Arm, 700mm Cord and Nuts



### HSFPV2520L Superflo 25/20 Long

**Supplied with:** Complete Plastic Valve Body, 20 & 25mm Long Tail Adaptors, Brass Arm, 700mm Cord and Nuts



### HSFPV2015L Superflo 20/15 Long

**Supplied with:** Complete Plastic Valve Body, 15 & 20mm Long Tail Adaptors, Brass Arm, 700mm Cord and Nuts



### HSFPV2520S Superflo 25/20 Short Arm

**Supplied with:** Complete Plastic Valve Body, 15, 20 & 25mm Standard Adaptors and Short Brass Arm



### HSFPV2520LS Superflo 25/20 Long/Short Arm

**Supplied with:** Complete Plastic Valve Body, 20 & 25mm Long Tail Adaptors and Short Brass Arm



### HSFPV2015LS Superflo 20/15 Long/Short Arm

**Supplied with:** Complete Plastic Valve Body, 15 & 20mm Long Tail Adaptors and Short Brass Arm



### HSFPV2520B Superflo Brass 25/20

**Supplied with:** Complete Brass Valve Body, 15, 20 & 25mm Standard Adaptors, Brass Arm, 700mm Cord and Nuts



### HSFPV2520BL Superflo Brass 25/20 Long

**Supplied with:** Complete Brass Valve Body, 20 & 25mm Long Tail Adaptors, Brass Arm, 700mm Cord and Nuts



### HSFPV2015BL Superflo Brass 20/15 Long

**Supplied with:** Complete Brass Valve Body, 15 & 20mm Long Tail Adaptors, Brass Arm, 700mm Cord and Nuts



### HSFPV2520BS Superflo Brass 25/20 Short Arm

**Supplied with:** Complete Brass Valve Body, 15, 20 & 25mm Standard Adaptors and Short Brass Arm



### HSFPV2520BLS Superflo Brass 25/20 Long/Short Arm

**Supplied with:** Complete Brass Valve Body, 20 & 25mm Long Tail Adaptors and Short Brass Arm



### HSFPV2015BLS Superflo Brass 20/15 Long/Short Arm

**Supplied with:** Complete Brass Valve Body, 15 & 20mm Long Tail Adaptors and Short Brass Arm

## Frequently Asked Questions

**Q My troughs have both 20mm & 25mm threaded inlets, does your Hansen Super-Flo Valve come in both sizes?**

**A** Yes, each Hansen Super-Flo Valve comes with the required components to install in 20mm or 25mm threaded inlets. This of course means you only have to buy one valve for all sized inlets. Also available in 15 & 32mm short and long thread adaptors.

**Q Will the higher flow cost me more to run my pump?**

**A** No, because the Hansen Super-Flo Valve is more efficient than what you are used to. The reduced operating pressure required will equate to higher flows at lower pressures at your pump which in turn will reduce pumping time and cost.

**Q At present I get valve bounce in my troughs, will your valve stop this?**

**A** Yes, valve bounce is created from high flows at high pressures, because our Hansen Super-Flo Valve delivers higher flows than other valves it will effectively reduce line pressure which in return will reduce the incidences of this problem also reducing water hammer. Furthermore the Super-Flo Valve allows you to fit a diffuser pipe.

**Q I have problems with having to forever clean my valves as my water supply can get dirty at times, how will the Hansen Super-Flo Valve handle these conditions?**

**A** We have designed the Hansen Super-Flo Valve to work in either clean or dirty water situations.

**Q What pressure can I run my Hansen Super-Flo Valve at?**

**A** The Hansen Super-Flo Valve will operate from 0 bar to 12 bar.

**Q The valves I have at present have a tendency to jam open or closed costing me time and either a bog around my trough or no available water for my stock, will your valve stop this problem?**

**A** Yes, the Hansen Super-Flo Valve has a new patent pending "Slipper Fit Piston" design seal assembly to minimise this problem.

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**HANSEN**

Best Installed Value



**HANSEN**<sup>™</sup>

*Super-Flo Valves*



HD0806 2205

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



# Reliable High Performance Trough 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 Hansen *Super-Flo* valve began its development using customer feedback as a springboard for what they felt were the main problematic issues with other piston & sleeve valves on the market. The resulting brief was a valve that does not "stick" open or closed, is more "user friendly" and can deliver high volumes of Clean/Dirty fluids at High/Low pressures. The *Super-Flo* valve's rapid rise in popularity & uptake since its release in 2011 is living proof those goals have been achieved, with a proven reliable, super low maintenance valve that leaves users freed up to focus on other more important aspects of their daily work activities.

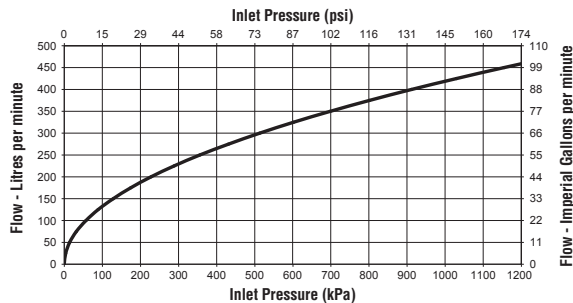
With over 60 years' experience in manufacturing, Hansen Products knows the importance of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best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

## Technical Specifications

### Hansen *Super-Flo* Valve Flow Chart



This chart has been prepared using the H5FPV2520 from independent tests carried out by The University of Auckland, New Zealand.

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



### QUALITY BRASS BODY MANUFACTURING

Brass body poured not forged & manufactured in New Zealand. Mini body design to enable easy installation.



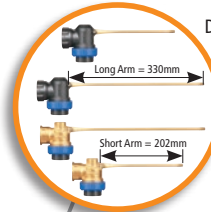
### INTERCHANGEABLE SPARE PARTS

All spare parts can be used on either brass or plastic valves.



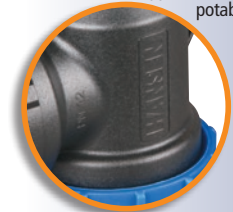
### LONG & SHORT BRASS ARM OPTIONS

D2 Grade & held in with Stainless Steel split pin.  
Long Arm = 330mm  
Short Arm = 202mm



### MATERIALS APPROVED FOR DRINKING WATER

All plastic parts used in the manufacturing of Super-Flo valves have been approved for use with potable water.



### MAXIMUM WORKING PRESSURE

12 Bar (174 psi) @ 20°C



30% BIGGER BODY FOR GREATER FLOWS

### MALE ADAPTORS

O-Ring seal short & long adaptors available in 15-50mm (1/2" - 2"). Manufactured from High Quality Glass Fibre Reinforced Nylon for a weather, termite, fungi & bacteria resistance.



HIGH FLOW RATE  
29 PSI, 188L/PM

Store Packaging



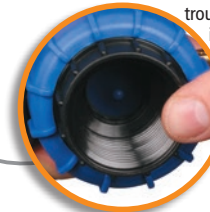
### STRONG LONG LIFE SEAL

Versatile, Tuff, Double Sided Urethane Seals.



### FEMALE BODY CAP

Use to supply portable troughs, washdowns, irrigation systems and other applications.

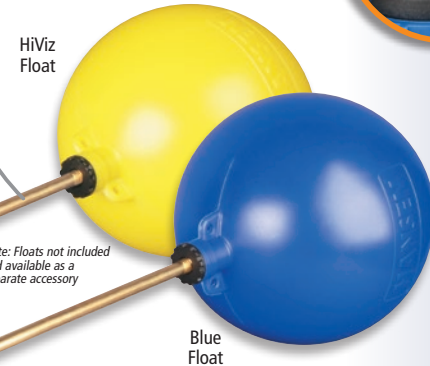


### HELP ELIMINATE VALVE STICKING

Patent Pending Slipper Fit Piston designed to reduce valve sticking and tuned to eliminate turbulence, improving flow characteristics.



Note: Floats not included and available as a separate accessory

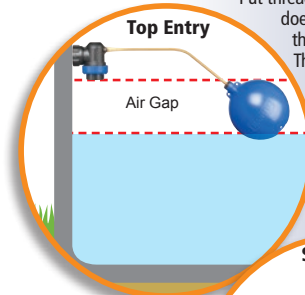


**HAND TESTED**  
All Hansen Super-Flo Valves are rigorously hand tested

### SUITED TO TOP OR SIDE ENTRY

#### Top Entry Installations

Put thread tape on adaptor side that does not have O-ring and start the adaptor into trough inlet. Thread Super-Flo Valve onto adaptor & tighten. Screw the float on to the brass arm. Hold the body of the valve at arm entry point. Bend brass arm to achieve the correct on/off and water level.



#### Side Entry

#### Side Entry Installations

Put thread tape on adaptor side that does not have O-ring and start the adaptor into trough inlet. Thread Super-Flo Valve onto adaptor & tighten. Screw the nut with cord onto the Super-Flo Brass arm. Thread cord through the Super-Flo float. Tie the cord off to achieve the correct on/off and water level. Note: Cord and nuts only supplied with long arm valve.

