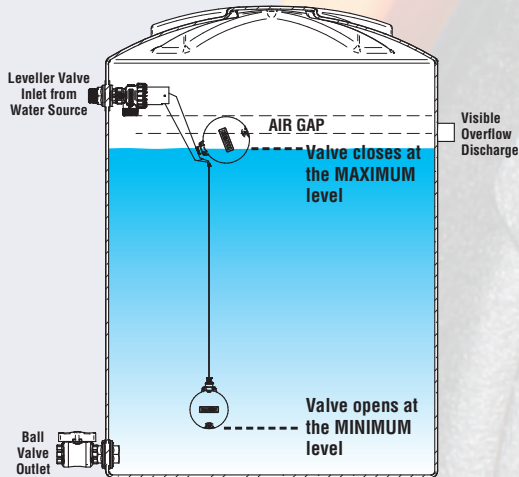


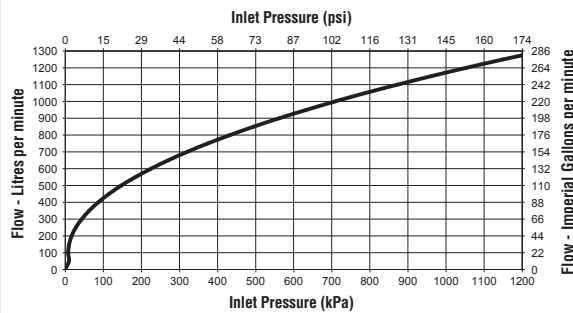
# Technical Specifications

## Hansen *Leveller Valve* Installer Guide



- The maximum level is set by the position of the top float on the valve arm - allowing for maximum use of the tanks height.
- The minimum water level is set by adjusting the length of the cord between the top float and bottom weighted ball.

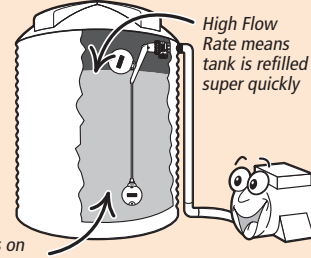
## Hansen *Leveller Valve* Flow Chart



# Protect Your Pump

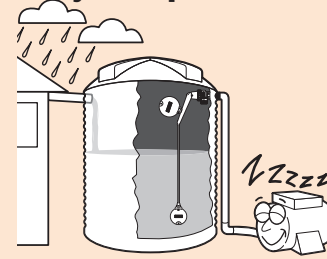
## ✓ Lengthen Your Pumps Life

A well cared for pump is a happy pump! Adding the Hansen *Leveller Valve* to your System means the tank only refills when it gets low. No more on/off cycling of your pump equals less work, less pump maintenance and a more reliable system.



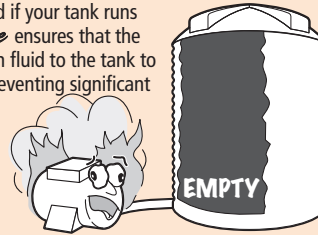
## ✓ Rain Harvest & Only Pump When You Need To

The Hansen *Leveller Valve* is the perfect choice for systems that combine Rain Harvesting with Supplementary Pumping from alternative sources. The Pump only ever needs to work when rain levels are low and the tank needs topping up.



## ✓ Prevent Dry Tank Syndrome

Pumps can be severely damaged if your tank runs dry! The Hansen *Leveller Valve* ensures that the pump can always supply enough fluid to the tank to prevent 'Dry Tank Syndrome', preventing significant repair costs as a result of a lack of supply.



### 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:

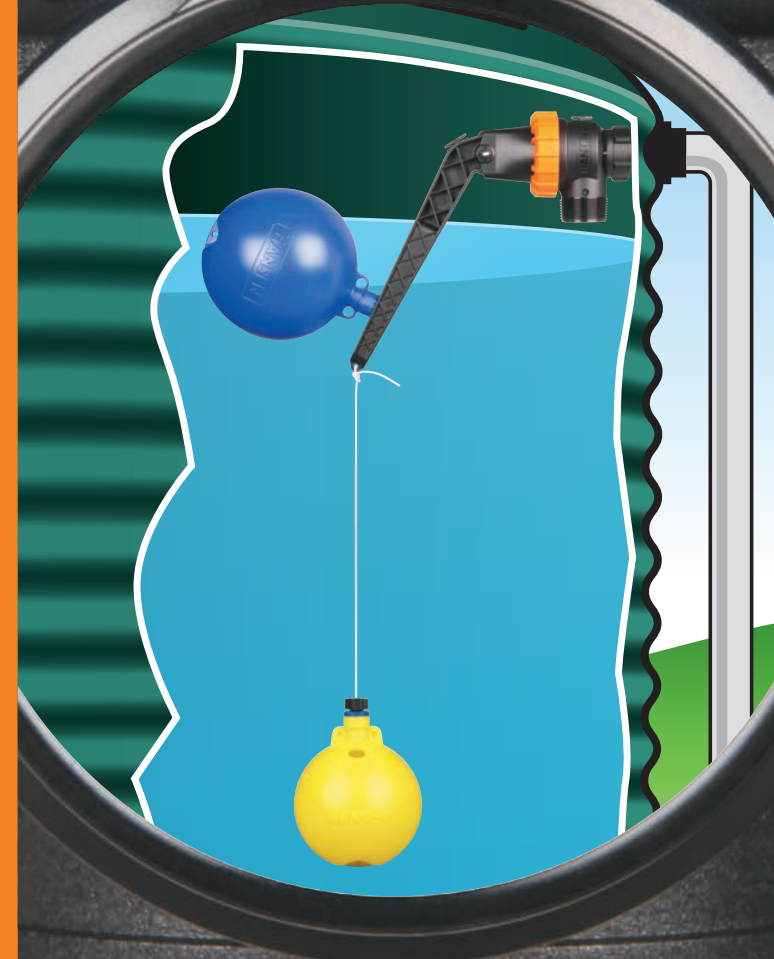
**HANSEN**

Best Installed Value



**HANSEN**<sup>™</sup>

*Leveller Valve*



**HIGH PERFORMANCE  
 RESERVOIR/TANK VALVE**

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

HD6139 2209

## 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 *Leveller* Valve has been designed to optimise tank storage by allowing users to set a minimum and maximum level for refilling the tank. This action prevents pump 'cycling' (continually switching the pump on and off) which substantially reduces wear and tear on the pump and extends the pumps life. Incorporating many of the highly successful technologies from the Hansen *Max-Flo* Valve, the Hansen *Leveller* Valve also incorporates features to help prevent system wide damage such as soft open and close to reduce water hammer, and operating reliably in both clean and dirty water. The massive flow rate makes it ideal where high volume water on demand is essential, but with capacity to function with ease at both high and low pressure, ensures it will perform reliably in virtually any environment requiring its services.

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



### HLEVELLERS Leveller Valve 32/40/50

**Supplied with:** Complete Valve Body, 32, 40 & 50mm Standard Adaptors, Leveller Control, 115mm Weighted HiViz Threaded Ball, 140mm Blue Threaded Float, 2.4 metre Cord

# Reliable HiFlo Reservoir/Tank Valve

**CLEAT**  
The Cleat is to lock the valve open or shut.

**ARM VERTICAL**  
To ensure valve operates correctly arm must be in a vertical position.

**SELF FLUSHING PILOT HOLE**  
Leveller Valve has been designed to ensure reliable operation at low and high pressures. Note: pressurised water will pass through the pilot hole when opening and closing. Water will stop passing through the pilot hole when fully closed.

**MALE ADAPTORS**  
O-Ring seal short and 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**  
1275 L/PM @ 12 BAR

**MAXIMUM WORKING PRESSURE**  
12 Bar (174 psi) @ 20°C

**ANTI-SYPHON HOLES**  
When the valve body outlet is submerged in water or has an extension outlet tube attached, the anti-siphon holes have been designed to be knocked out to prevent the valve from back flowing as long as the anti-siphon holes are above water level.

**WEIGHTED BALL**  
The Hi Viz Weighted Ball has a stainless steel weight and must be filled with water.

**LOW PARTS COUNT**  
Less working parts results in a more efficiently operating valve for better overall performance. Less parts to remove, lose or break.

**SLOW CLOSE ACTION**  
The Leveller internals have been designed with a built in delay in closing, this helps to minimise water hammer. Note the Leveller arm may be in the closed position but the valve may take up to 8 seconds to fully close. **Do not force arm closed.**

**INLET**

**OUTLET**

**Front View**

**Top Down View**  
Align Arm with arrow on valve body

**Short**

**Long**

**Air Gap**

**Store Packaging**

**HAND TESTED**  
All Hansen Leveller Valves are rigorously hand tested.