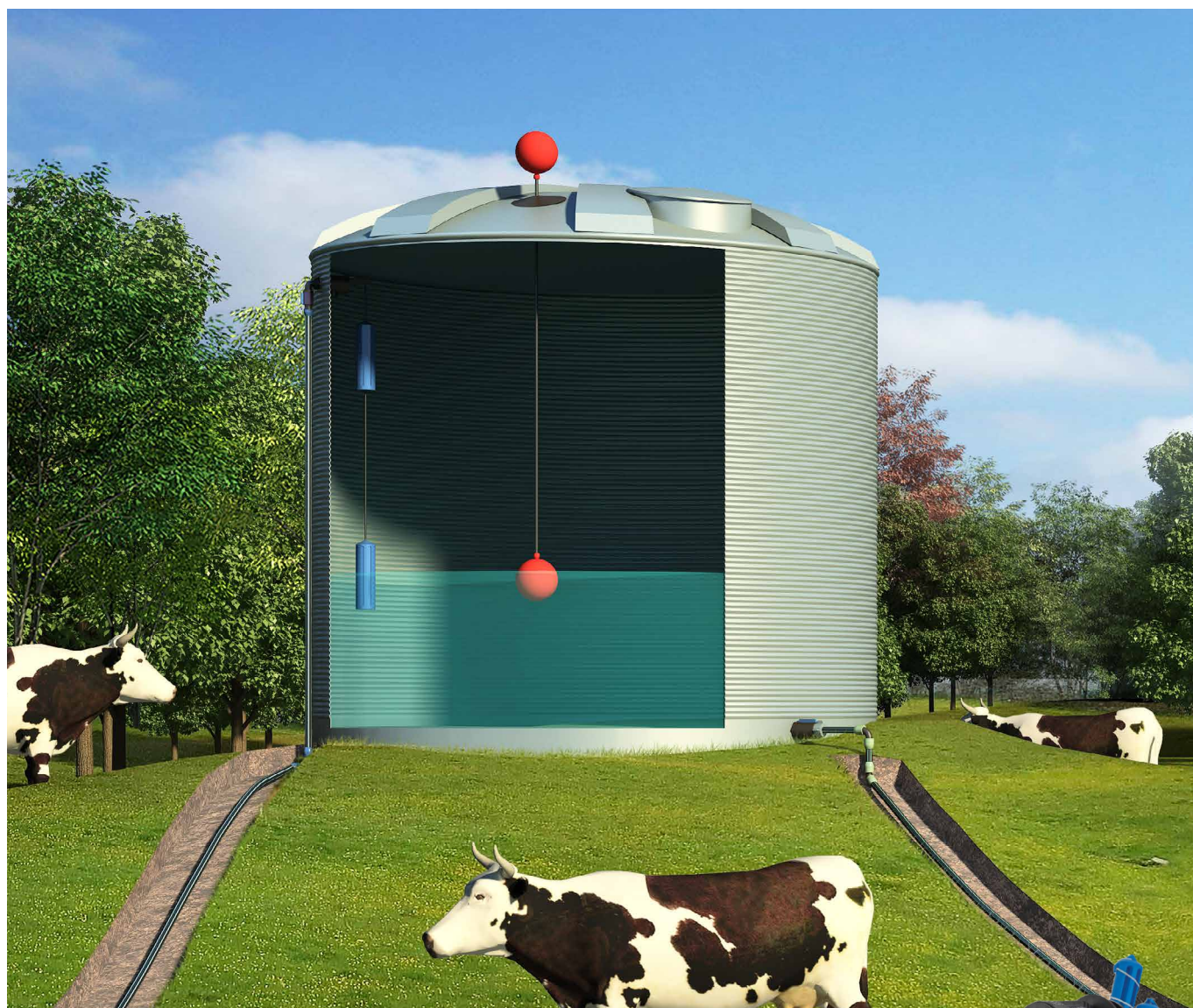


# Float Valves

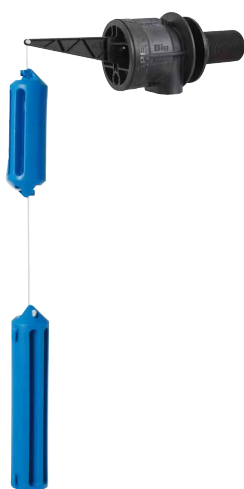
## Apex BigBoy® Differential Valve



## Apex BigBoy® Differential Valve

The Apex BigBoy® Valve is a differential valve designed for mains, gravity or pump-feed large reservoir applications. The BigBoy Valve has an enormous flow rate and soft closing prevents water hammer which results in less stress on pipe joints and pumps seals.

The BigBoy will close when both weights are submerged at the maximum water level. The valve will remain closed until the bottom weight is exposed at the minimum water level. It will then open and remain open until the maximum level is reached again.



### Mains Water Top Up

- Constant supply of water.

### Economical

- The dual level system reduces the cycles of a pump.

### Innovative Design

- Capable of providing extremely high volumes of water.

### Soft Closing

- Will reduce the amount of water hammer.

### UV Stabilised

- Will continue to perform, even in harsh sunlight conditions.

### Full Flow

- Minimum head loss to installation.

## Specifications

- Minimum operating pressure: 15kPa.
- Maximum operating pressure: 1200kPa.
- Temperature range: 1° to 60°C.

## Standards & Approvals

- New Zealand Pat. 328862.
- AS 1910 Watermarked Lic. 20368.
- Australian Patent No. 736446.
- RSA Patent No. 98/877.
- SAI Global Lic. 20368.
- Apex is a Quality Endorsed Company ISO 9001. Lic. 4886.



## Applications

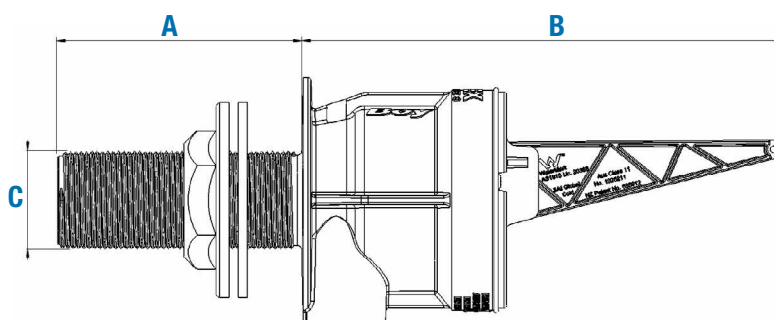
- Rainwater harvesting.
- Mains water / gravity.
- Pump.

### Parts & Materials

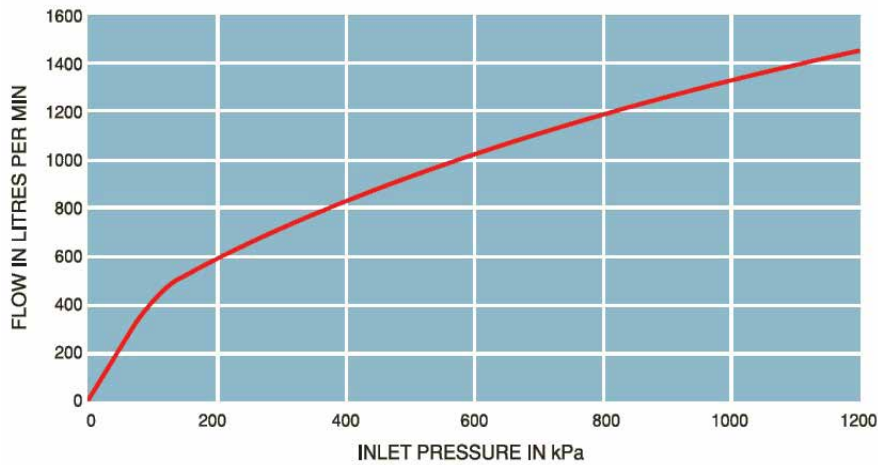
|                    |                                |
|--------------------|--------------------------------|
| Body               | Polyphenylene Sulphide Fortron |
| Weights            | PE                             |
| Cord and Diaphragm | Nylon                          |
| Pins & Screws      | Stainless Steel                |

## Dimensions

| PART NUMBER | A     | B     | C            |
|-------------|-------|-------|--------------|
| BB 32       | 106mm | 209mm | 1 1/4" taper |
| BB 40       | 106mm | 209mm | 1 1/2" taper |
| BB 50       | 106mm | 209mm | 2" taper     |



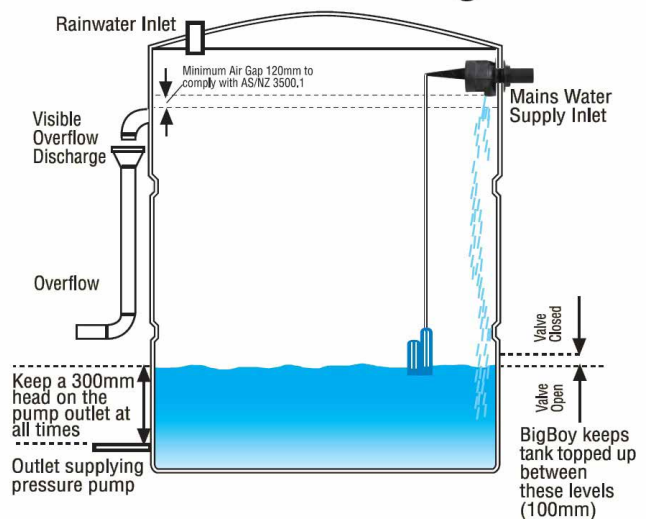
## Flow Rate



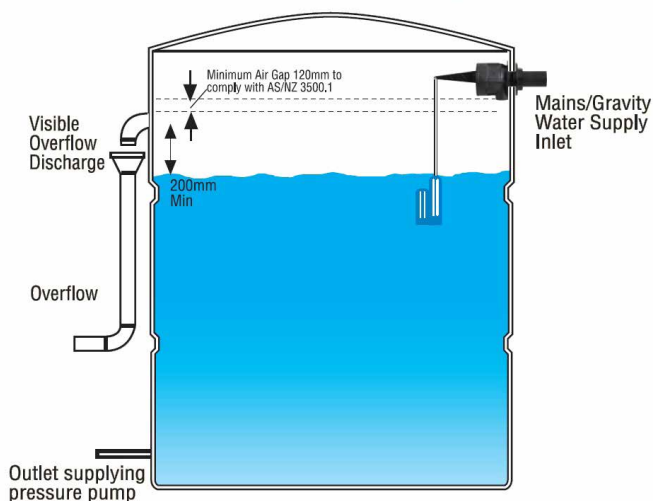
## Installation

- Valve must be installed horizontally.
- Do not install on an angle.
- Not to be modified.
- Not to be used in dual purpose tanks that are used for storm water detention.
- Some Australian states stipulate a minimum water level that must be maintained for fire fighting purposes
- Must be installed with an air gap of 150mm and a visible overflow discharge to comply with AS/NZS 3500 Standards.

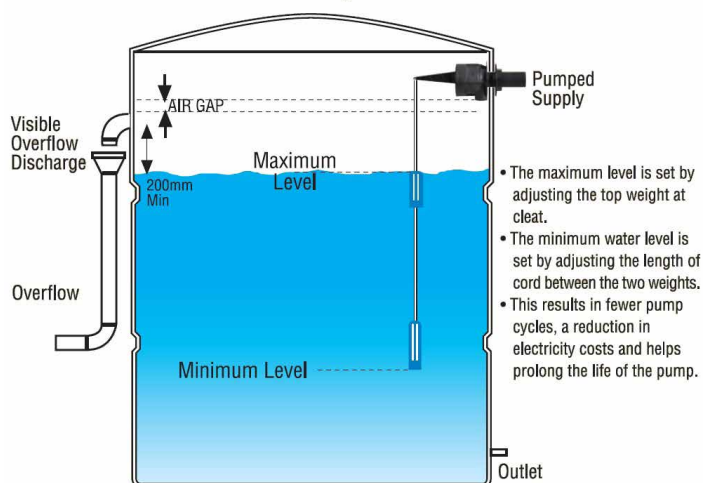
### Rain Harvesting



### Mains/Gravity



### Pump



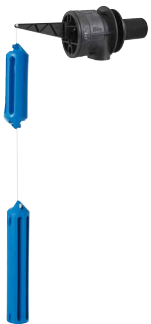


## Video

Please click on the image to the right to view a video on the BigBoy Valve or follow the link below:  
<https://youtu.be/ntCnikc-m0c>



## Range



**Apex BigBoy - Dual Level**

| PART NUMBER | ITEM NUMBER | SIZE   | THREAD |
|-------------|-------------|--------|--------|
| BB 32       | 08372109005 | 1 1/4" | LONG   |
| BB 40       | 08372109010 | 1 1/2" | LONG   |
| BB 50       | 08372109015 | 2"     | LONG   |

## Spare Parts



**Apex BigBoy Repair Kit**

| PART NUMBER | ITEM NUMBER | DESCRIPTION            |
|-------------|-------------|------------------------|
| RKBB        | 08372109030 | DIAPHRAGM & JET CENTRE |

## Related Products



Norma Rural Compression Fittings



Guyco Tank Fittings



Norma Metric Compression Fittings



Apex Pumpbuddy



Jobe Rojo Partfill Valve



Guyco Ball Valves

Customer Value through Innovation



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