

# PumpBuddy®

## Water Tank & Reservoir Diaphragm Valve



### APPLICATION

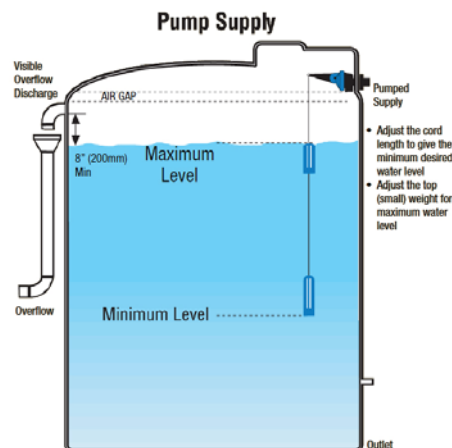
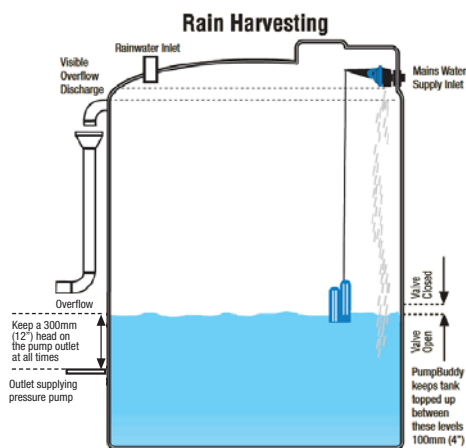
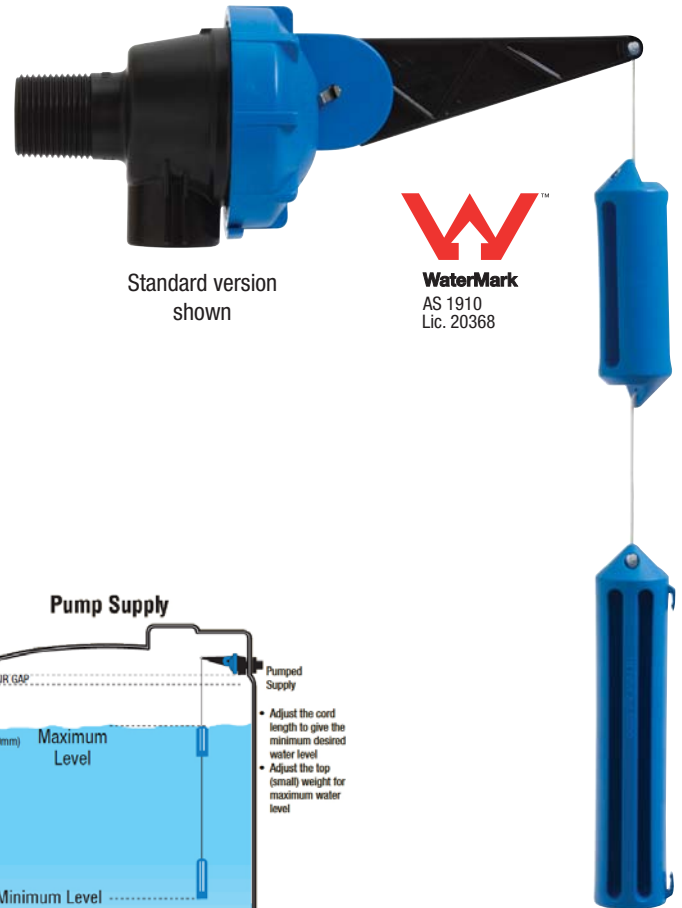
- Pump fed reservoirs - it allows for a single level or variable minimum and maximum levels within a reservoir/tank.
- Rainwater Harvesting - as a backup water supply control valve, providing mains water in the event of demand exceeding rainfall.

### HOW IT WORKS

The PumpBuddy® will be closed when both weights are submerged (maximum water level). The valve will remain closed until the bottom weight is exposed (minimum water level). The valve will then open and remain open until the maximum level is reached.

### FEATURES & BENEFITS

- Adjustable water levels saves electricity & increases pump life
- Full on, full off - diaphragm activated
- No float switches - no power required (pump requires pressure or flow switch)
- Long tail available - removes need for tank fittings on thin walled tanks
- Can be used as a top up rainwater harvesting valve
- Fully serviceable



### SPECIFICATIONS

**Working Pressure:** 55 kPa - 1200 kPa (8 - 175 psi)

**Flow Rate:** 425 L/min (95 gal/min) @ 1200 kPa (175 psi)

**Temperature Range:** 1°C - 60°C (34°F - 140°F)

### AVAILABLE SIZES

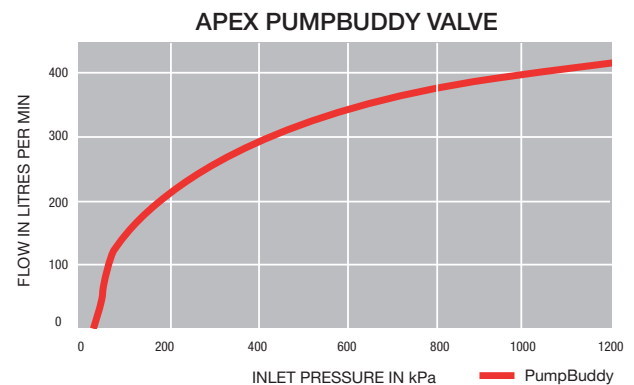
- 20mm (¾") Standard
- 25mm (1") Standard
- 32mm (1¼") Standard
- 20mm (¾") Long Tail
- 25mm (1") Long Tail

### SPARES & ACCESSORIES

- Service Kit (contains diaphragm, jet assembly, backing plates, cotter pin, spring & silicone grease)

### PATENTS

- New Zealand Pat. No. NZ535912B and NZ560561B
- Australian Pat. No. AU2005220285B2 and AU2007205772B2



GRAPH CONVERSIONS  
 1kPa = 0.145psi = 0.01 bar    1 L/min = 0.22 Imperial gpm