

APPLICATION- PUMP FILLED TANKS

The Pumpbuddy® valve allows for variable minimum and maximum water levels within a water tank. Full-flow operation, the pump runs unrestricted until tank is full. This reduces pump run time, saves electricity and increases pump life.

OPERATING PRINCIPAL

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.

SPECIFICATIONS

WORKING PRESSURE: 55 - 1000 kPa (8 - 150 psi)

Maximum water temperature: 60°C

INSTALLATION

Valve must be installed horizontally, Do NOT install on an angle
 • Do NOT restrict inlet water flow • The PumpBuddy must NOT be fitted to tanks used partially for stormwater detention • NOT to be modified • Overflow and airgap to comply with local standards (air gap of 55mm complies with AS/NZS 3500.)

BENEFITS

- A high volume water inlet control device.
- Variable adjustment between minimum and maximum water levels.
- Reduces pump run time (saves electricity).
- Increases pump life.

PRODUCT CODES

Standard

PB20 - 20mm (3/4" BSP)

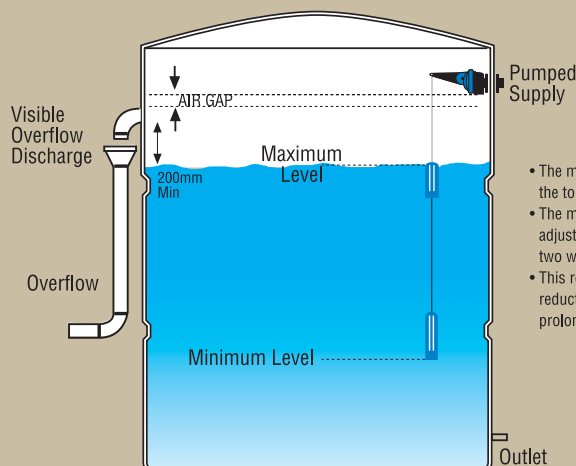
PB25 - 25mm (1" BSP)

PB32 - 32mm (1 1/4" BSP)

Longtail

PBLT20 - 20mm (3/4" BSP)

PBLT25 - 25mm (1" BSP)



- The maximum level is set by adjusting the top weight cord.
- The minimum water level is set by adjusting the length of cord between the two weights.
- This results in fewer pump cycles, a reduction in electricity costs and helps prolong the life of the pump

STANDARDS

- Watermark approved
- New Zealand patent application No. 535912
- Australian Class 11 patent application No. 1025211
- US Patent Application No. 11/604204
- RSA Patent Application No. 2006/09432

