

Triton AquaPump XL Dual Sump Kit



Description

Triton AquaPump XL Dual is the professional choice pumping station for the removal of groundwater in large and/or deep basements where extra capacity is required when used in conjunction with the **Platon Cavity Drain system**. **AquaPump XL Dual** is used in multi-depth basements where the large tank capacity can cope with the risk of significant water ingress rates.

The **AquaPump XL Dual** is supplied with pairs of AMA 301/303 or RS55 pumps as standard, depending on capacity requirements and usage. **AquaPump XL Dual** is intended for high risk installations such as large deep basements or where water flow is expected to be high, industry best practice recommends that two pumps with one powered via a back-up power source be used in most basements – **Triton AquaPump XL Dual Sump** paired with **Triton Powersafe** is recommended.

The sump chamber tank is moulded in high density polyethylene, shaped and contoured for maximum versatility and security in use. The 'waisted' moulding at the base stops floatation and secures the chamber when backfilled with concrete. Inlets from Aquachannel are easily cut with a hole saw through any of the flat panels.

Items supplied with the kit (Part Nos. AA/2250, AA/2251 or AA/2252 for 301, 303 or RS-55 kits respectively) include:

- Moulded sump chamber tank
- Lockable galvanised steel lid
- 2 x AMA 301 7m head 240v pump with non-return valve or 2 x AMA 303 12m head 240v pump with non-return valve or 2 x RS-55 14m head high flow 240v pump with 2" outlet and non-return valve
- Pipe kits
- Outlet tank connector(s)

Option at extra cost:

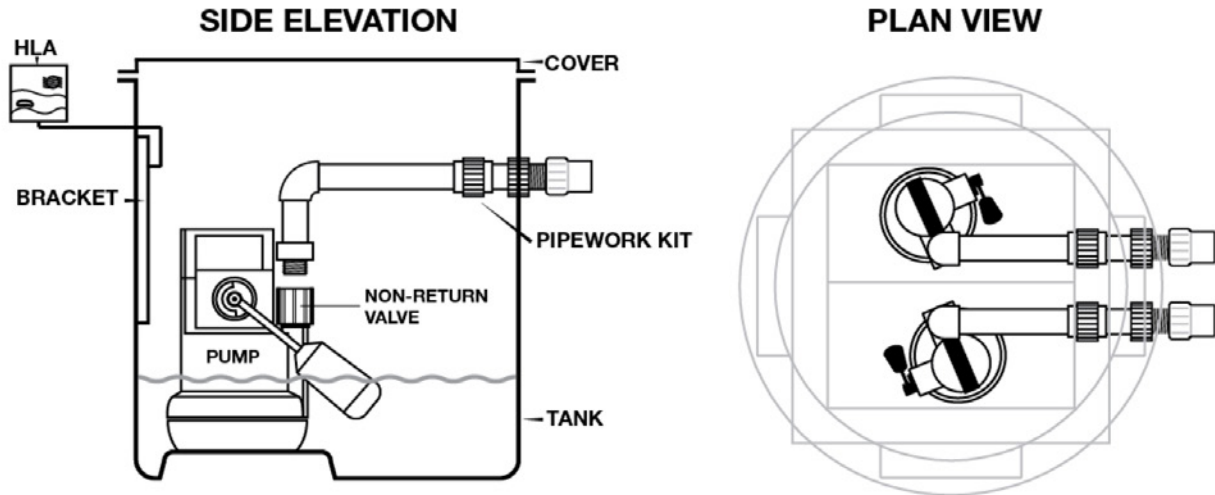
- Aquasafe alarm

Installation

Refer to the separate AquaPump XL Installation and Operating Guidelines documents which can be downloaded at www.tritonsystems.co.uk

Technical Data

Sump chamber size:	750 mm max at base and shoulders x 1000mm plus lid at 40mm. See TWS-060-1
301 pumps:	Max head of water: 6.8M. Capacity at 3M head is 2.2 litres/sec.
303 pumps:	Max head of water: 12.5M. capacity at 3M head is 3.5 litres/sec.
RS-55 pumps:	Max head of water: 14M. capacity at 3M head is 4.2 litres/sec.
Galvanised steel lid:	450mm x 450mm
Optional Aquasafe Alarm:	240v and internal battery. Alerts to high water level, power failure to the alarm, BMS via 'no-volt' contacts and a service light. See separate data sheet.



Single or dual outlets/discharge can be specified

Part Numbers

Parts and components can be ordered separately:

Description	Part Number
AquaPump XL tank c/w steel cover and float bracket	AA/2273T
2" Tank connector	AA/8054
2" Plain/Threaded external coupling	AA/8051
1 1/4" Tank connector	AA/8028
1 1/4" Plain/Threaded external coupling	AA/8072
301 pump with NRV	AA/11008
303 pump with NRV	AA/11009
RS-55 Auto with NRV (2" outlet)	AA/11219
Pipework Kit A and B for 301 and 303 Single outlet	AA/2264T and AA/2221T
Pipework Kit A and B 2" for RS-55 Single outlet	AA/2276T and AA/2280T
Pipework kit A and C for 301 and 303 Dual outlet	AA/2264T and AA/2265T
Pipework Kit A and C 2" for RS-55 Dual Outlet	AA/2267T and AA/2268T
Aquasafe HLA Mini c/w mini float switch	AA/22070T
110mm rubber seal for inlet pipe – not supplied in the kit	AA/17010
50mm rubber seal for cable conduit – not supplied in the kit	AA/17012
Standard pipework is 1 1/4" solvent weld waste pipe.	

Upgrades

Power back-up is provided by the Powersafe battery pack and charger panel, this produces 240v power and also functions

as an HLA with 'no-volt' contacts to run to a BMS. All Powersafe require a Mini float switch: AA23020.

Description	Part Number
POWERSAFE 900.S: 1-hour total pumping time power reserve for 301	AA/37004
POWERSAFE 900.S: 2-hour total pumping time power reserve for 301	AA/37005
POWERSAFE 1300.S: 1-hour total pumping time power reserve for 303	AA/37008
POWERSAFE 1300.S: 2-hour total pumping time power reserve for 303	AA/37009
POWERSAFE 1700.S: 1-hour total pumping time power reserve for RS-55	AA/37012
POWERSAFE 1700.S: 2-hour total pumping time power reserve for RS-55	AA/37013
Access cover 450mm x 450mm inlay, steel	AA/18011

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