

Triton AquaPump XL Single Sump Kit



Description

Triton AquaPump XL 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**.

The AquaPump XL can be supplied with a single EA31/EA33 or RS55 pump as standard, depending on capacity requirements and usage. AquaPump XL is intended for very low risk installations such as light wells or where budget restraints are paramount, 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 with 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 kit (Part nos. AA/2247, AA/2248 or AA/2249 for EA31, EA33 or RS-55 kits respectively) include:

- Moulded sump chamber tank
- Lockable galvanised steel lid
- Triton EA31 7m head 240v pump with non-return valve, Triton EA33 12m head 240v pump with non-return valve or RS-55 14m head high flow 240v pump with 2" outlet and non-return valve
- Pipe kit
- Outlet and outlet tank connector

Option at extra cost:

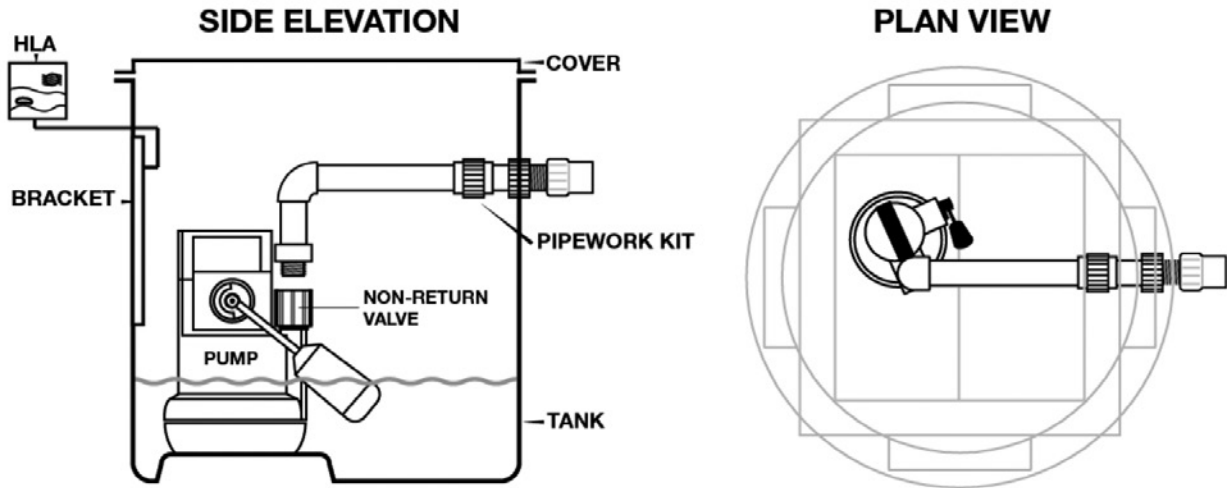
- Aquasafe alarm

Installation

Refer to the separate AquaPump XL Installation and Operating Guidelines document 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
EA31 pumps:	Max head of water: 6.8M. Capacity at 3M head is 2.2 litres/sec.
EA33 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.



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
EA31 pump with NRV (EA31 and EA33 pumps use 1 1/4" solvent weld waste pipe)	AA/11552
EA33 pump with NRV (EA31 and EA33 pumps use 1 1/4" solvent weld waste pipe)	AA/11564
RS-55 Auto with NRV (2" outlet)	AA/11219
Pipework Kit A, EA31 and EA33	AA/2264T
Pipework Kit A 2" for RS-55	AA/2267T
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

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

Triton Contact Details:

Triton Systems
Units 3 – 5 Crayford Commercial Centre, Greyhound Way, Crayford, Kent DA1 4HF

Tel: 01322 318 830
Fax: 01322 524 017
Email: info@tritonsystems.co.uk

www.tritonsystems.co.uk