

Triton AquaPump Pro Plus Sump Kit



Description

Triton AquaPump Pro Plus is the professional choice pumping station for the removal of groundwater when used in conjunction with the **Platon Cavity Drain system**.

The **AquaPump Pro Plus** is supplied with a pair of Triton EA31 pumps as standard, other higher capacity pumps are available for deep basements or long discharge runs. The **AquaPump Pro Plus** should be the default minimum pumping installation in any basement: industry best practice recommends that two pumps with one powered via a back-up power source should be used, see Powersafe data sheet and below and **AquaPump Pro BBPS**.

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 no. AA/2275 Twin Pump Single Outlet) include:

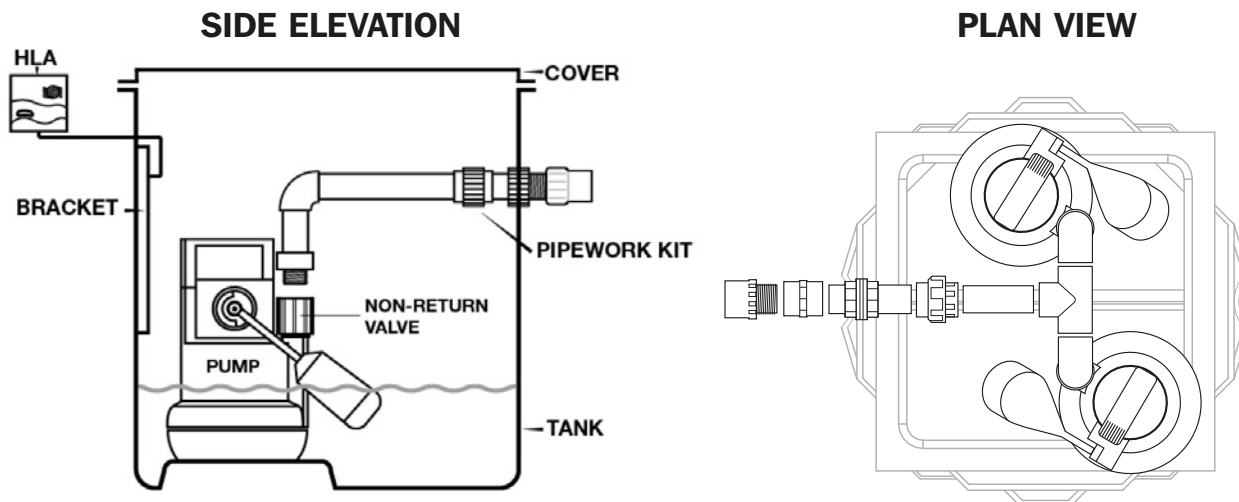
- Moulded sump chamber tank
- Aquasafe high level water alarm (HLA) and mini float switch
- Lockable galvanised steel lid
- Triton EA31 7m head 240v pump with non-return valve x 2
- Pipe kit x 2
- Outlet/discharge line tank connector

Installation

Refer to the separate Installation and Operating Guidelines document and the Aquasafe data sheet which can be downloaded at www.tritonsystems.co.uk

Technical Data

Sump chamber size:	550mm max at base, 500mm at shoulders x 600mm plus lid at 40mm. See TWS-061-1
Triton EA31 Pump:	Max head of water: 7M. Capacity at 3M head is 2.2 litres/sec.
Galvanised steel lid:	360mm x 360mm
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 Pro tank c/w steel cover and float bracket	AA/2238
Triton EA31 Pump with NRV x 2	AA/11552
Pipework Kit A	AA/2226T
Pipework Kit B	AA/2221T
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 – one supplied in the kit	AA/17012

Upgrades

Higher capacity pumps are available along with battery power packs. The Powersafe battery pack provides 240v power and also functions as an HLA with 'no-volt' contacts to run to a BMS.

Description	Part Number
Triton EA33 with NRV: 240v, 12M head. Capacity at 6M is 2.8 litres/sec.	AA/11564
POWERSAFE 900.S: 1-hour total pumping time power reserve	AA/37004
POWERSAFE 900.S: 2-hour total pumping time power reserve	AA/37005
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