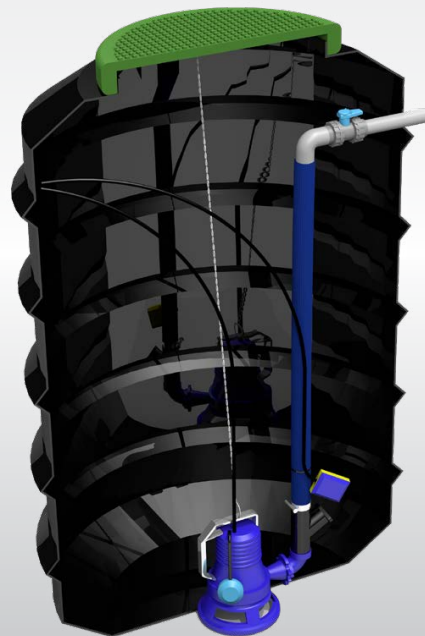




Aquate Pump Stations

Technical Guide WW 6

Aquate offer a wide range of pump stations for most domestic or commercial applications.



05.20 | WASTEWATER | WW06 AQUATE PUMP STATIONS

Applications

Domestic houses

Commercial buildings

Schools

Campgrounds

Stormwater pump stations

Product Attributes

Adaptable design

Large capacity chambers

Watertight – eliminating infiltration into the sewer network

Easy and economical to install

Lightweight for easy handling – no special lifting equipment is required

Approvals/Standards

Tanks certified to AS/NZS1546:1

Quality

ISO 9001:2008 Quality Management Standard

We are the supply partner of choice for New Zealand's civil construction industry, specialising in water and infrastructure based solutions.

Aquate offer a wide range of prefabricated pump stations for most domestic or commercial applications.

Manufactured in either polyethylene or concrete, the Aquate range comes complete with an electrical controller, either one or two high quality pumps, alarms and all internal pipework. Aquate Pump Stations are delivered to site ready to be installed, keeping site work to a minimum. From raw sewage through to clean rainwater, a wide range of products are available to suit most applications.

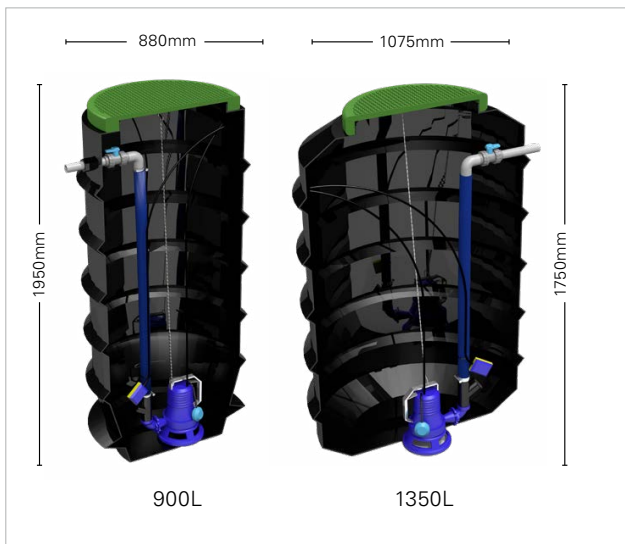


FIG. 1

Features

- **Easy to install**
Aquate Pump Chambers come complete with all internal pipework ready for connection. The controller is supplied as part of the unit. Installation is quick and easy, saving time and money.
- **Lightweight**
The polyethylene chamber is light and easy to handle. No special lifting equipment is required.
- **Flexible design**
Custom designed systems are available to suit all applications.
- **Watertight**
Eliminates infiltration into the sewer network.
- **Large capacity**
The chambers have a volume of at least 900 litres giving 24 hour emergency storage in most applications. (1350 L, 2750 L and above available on request).

Note: Also refer to R7.2 Pressure Sewer System Technical Guide.

What system do you need?

The right system for your site will depend on the type of water being pumped and the layout and geography of your site. This design will need to be completed by a suitably qualified engineer.

A range of grinders, cutters, vortex or drainage pumps are available to suit all applications.

Codes	Description
PSAS1050G18H	Pump Station 1350 L, Grinder Pump Max 18m Head
PSAS1050G21H	Pump Station 1350 L, Grinder Pump Max 21m Head
PSAS1050V10H	Pump Station 1350 L, Vortex Pump Max 10m Head
PSAS1050V12H	Pump Station 1350 L, Vortex Pump Max 12m Head
PSAS900G18H	Pump Station 900 L, Grinder Pump Max 18m Head
PSAS900G21H	Pump Station 900 L, Grinder Pump Max 21m Head
PSAS900V10H	Pump Station 900 L, Vortex Pump Max 10m Head
PSAS900V12H	Pump Station 900 L, Vortex Pump Max 12m Head
PSASLPS900G42H	Pump Station 900 L, Grinder Pump Max 42m Head
PSASLPS900G72H	Pump Station 900 L, Grinder Pump Max 72m Head

Note: Only Polyethylene tanks shown. Pump stations in concrete are also available. See your local Hynds branch for details.

Control Panels

All Aquate Pump Stations come complete with an electrical controller that can be located on the pump chamber or installed at a nearby dwelling. The controllers are simple and easy to install. Standard controllers feature audio and visual alarms for pump failure and high water situations.

For larger systems, additional features can be included if required.



FIG. 2 Controller – manufactured to AS/NZS 3000:2007

Branches Nationwide Support Office & Technical Services 09 274 0316

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.