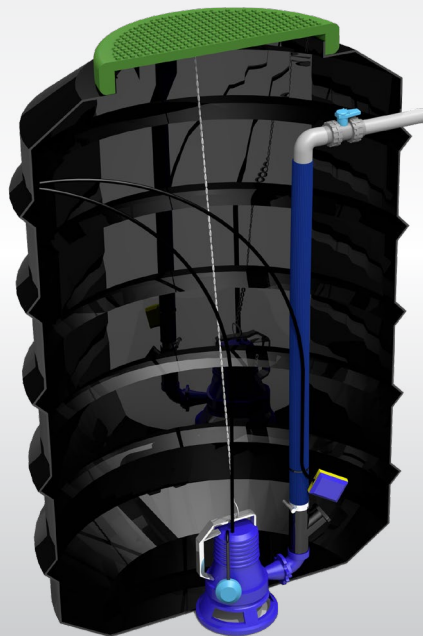


Aquate Pump Stations

Technical Guide PS1.2

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



07.25 | PUMP STATION | PS1.2 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/Environment/Health & Safety

Hynds management systems are certified to ISO 9001:2015, 45001:2015, and 14001:2018 standards

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.

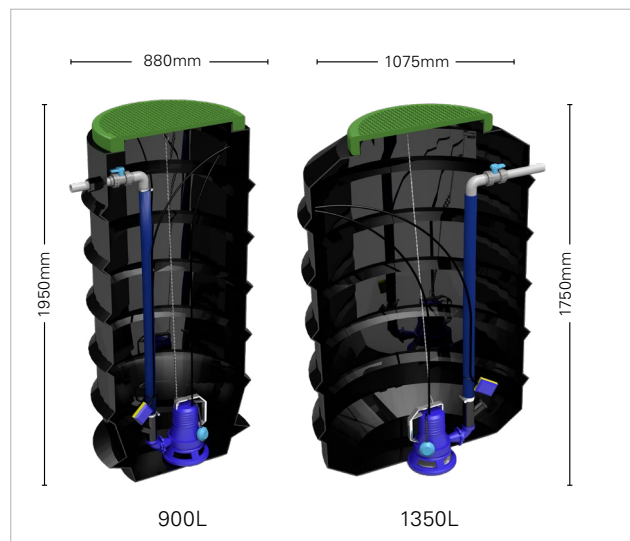


FIG. 1

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, Zenit GR100 grinder pump, 0.75 kW
PSAS1050G21H	Pump Station 1350 L, Zenit GR150 grinder pump, 1.1 kW
PSAS1050G26H	Pump Station 1350 L, Unilift APG.40.10 grinder pump, 1.0 kW
PSAS1050V09H	Pump Station 1350 L, FEKA VS750 vortex pump, 0.75kW
PSAS1050V12H	Pump Station 1350 L, Zenit DG150 vortex pump, 1.1 kW
PSAS1050V14H	Pump Station 1350 L, FEKA VS1200 vortex pump, 1.2 kW
PSAG105032H	Pump Station 1350 L, Bianco B42 drainage pump, 0.55 kW
PSAS900G18H	Pump Station 900 L, Zenit GR100 grinder pump, 0.75 kW
PSAS900G21H	Pump Station 900 L, Zenit GR150 grinder pump, 1.1 kW
PSAS900G26H	Pump Station 900 L, Unilift APG.40.10 grinder pump, 1.0 kW
PSAS900V09H	Pump Station 900 L, FEKA VS750 vortex pump, 0.75kW
PSAS900V12H	Pump Station 900 L, Zenit DG150 vortex pump, 1.1 kW
PSAS900V14H	Pump Station 900 L, FEKA VS1200 vortex pump, 1.2 kW
PSAG90032H	Pump Station 900 L, Bianco B42 drainage pump, 0.55 kW

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 0800 93 7473

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.