



The DrainAce Sump Pump Station is designed for applications that require a flow rate up to 3 L/s and combines either a precast glass reinforced concrete (GRC) or a polyethylene sump with a range of compact automatic sump pumps.

The lightweight polyethylene sump option is available 660 mm and 960 mm deep and is both robust and economical.

GRC is a combination of glass fibre and cement mortars to give a superior quality material. Its extreme toughness and rigidity has a strength-to-weight ratio far beyond other cement based materials. The sumps can also be used as silt traps or collection sumps for stormwater systems.

Lid options available are light service aluminium, galvanised grates and cast iron covers.

The Global Water GP range of submersible sump pumps provide a dependable solution for pumping drainage water, stormwater and mildly contaminated wastewater. The package comes standard with flexible hose, check valve and isolating valve, all pre-plumbed for easy on-site installation. All pump units have in-built overload protection.



Available in either drainage or vortex-style pumps, they have the capacity to handle grey water with temperatures up to 40 °C and soft solids up to 40 mm in diameter. Larger units are available for special applications.

## Applications

- Sullage
- Septic effluent
- Stormwater
- Sub-soil drainage
- Industrial waste
- Condensate drainage

## The GRC advantage

Cost	Less expensive than the other precast pits.
Weight	Over 80% lighter than precast concrete pits.
Handling	No costly cranes or lifting equipment required.
Installation	Versatility for pipe inverts.  Holes may be cut, drilled or hammered out where required.  No expensive patching of unused knockout sections.
Labour	Faster installation, less time on site.
Transport	Easy and inexpensive.

To specify or order a DrainAce Sump Pump Station, simply quote pit and pump model number and cover or grate type. Example: DAG04.GPD32-25.LSCI

# DrainAce

## Sump Pump Station

### Pit specification

Model	Material	Int. width (mm)	Int. length (mm)	Int. depth (mm)	Capacity (L)	Weight (kg)
DAP01	Poly	710	710	660	175	8
DAP02	Poly	710	710	960	280	16
DAG02A	GRC	600	600	500	180	73
DAG04	GRC	600	900	750	400	132
DAG06	GRC	900	900	750	610	180
DAG07	GRC	900	900	925	750	210

Note: risers available for GRC pits on request

### Pump specification

Model	Solid size (mm)	Volts (V)	Power (kW)	Amps (A)	Outlet (mm)
GPD32-25	10	240	0.25	1.9	32
GPD32-55	10	240	0.55	3.6	32
GPV40-75*	40	240	0.75	4.8	40

\*Only for high head applications. 900 mm deep sumps only

### Cover/grate types

Reference no.	Loading	Type
LSHA	Pedestrian	Aluminium – gas-tight cover
LSDC	Light service	Drop-in galvanised checker plate cover
LSCI	Light service	Cast iron – gas-tight cover*
HSCI	Heavy service	Cast iron – gas-tight cover*
LSGG	Light service	Galvanised grate
MSGG	Medium service	Galvanised grate
HSGG	Heavy service	Galvanised grate*

\*Requires load-bearing concrete surround

### Specification drawing



