



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 cement (GRC) or a polyethylene sump with a range of compact automatic sump pumps.

The lightweight polyethylene sump option is available 600 mm and 900 mm deep and is both robust and economical. The sumps can also be used as silt traps or collection sumps for stormwater systems.

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.

Lid options available are light service aluminium, light or heavy service 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.

Silt baskets (model GPT) are available to protect pumps from trash and silt (900 mm deep pits only).

---

### 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.<br>Holes may be cut, drilled or hammered out where required.<br>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: DAG03.GPD32-25.LSCI

# DrainAce

## Sump Pump Station

### Pit specification

| Model | Dimension (mm)         | Materials | Int. depth (mm) | Capacity (L) | Weight (kg) |
|-------|------------------------|-----------|-----------------|--------------|-------------|
| DAP01 | 710 <sup>2</sup> x 600 | Poly      | 660             | 175          | 20          |
| DAP02 | 710 <sup>2</sup> x 900 | Poly      | 960             | 280          | 25          |
| DAG02 | 600 <sup>2</sup> x 600 | GRC       | 600             | 215          | 73          |
| DAG03 | 600 <sup>2</sup> x 900 | GRC       | 900             | 325          | 111         |

### 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       | 3.4      | 32          |
| GPV40-75* | 40              | 240       | 0.75       | 5.4      | 40          |

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

### Cover/grate types

| Reference no. | Loading       | Type                  |
|---------------|---------------|-----------------------|
| LSHA          | Pedestrian    | Aluminium – gas-tight |
| LSGST         | Light service | Grate with silt trap  |
| HSGST         | Heavy service | Grate with silt trap* |
| LSCI          | Light service | Gas-tight cover       |
| HSCI          | Heavy service | Gas-tight cover*      |
| LSGG          | Light service | Galvanised grate      |
| HSGG          | Heavy service | Galvanised grate*     |

\*Requires load-bearing concrete surround

### Specification drawing

All measurements in mm.



