



DrainAce

Polyethylene pump chambers

The DrainAce range of polyethylene pump chambers is a comprehensive range of heavy duty chambers with sizes ranging from small domestic applications through to units suitable for larger commercial and municipal projects. Chambers are available in a range of depths and diameters, allowing the flexibility of shallow installations in rock or high-water table areas, or deep narrow chambers to pick up low invert drains.

Chambers are also available in above ground configuration for use as pump chambers or as chemical storage or mixing tanks. The strong top chamber design allows for mounting of equipment like mixers. Multiple customised inlet and outlet connections are available to suit specialist applications.

The pump chambers are manufactured under the strict quality control parameters of ISO9001:2015 and are certified as compliant to AS/NZS 1546.1 on a yearly basis.

Each tank design has been subject to FEA modelling and the wall thickness engineered to comply with all load requirements. The standard composite resin gas-tight cover complies with the 510 kg requirement of the standard, without any additional support.

A wide choice of alternative cover options are available including foam-filled poly, light or heavy duty cast iron, and hot-dip galvanised grades.

Features

- Largest range of poly pump chambers in Australia
 - diameters to 1950 mm
 - depths to 5.2 m
 - capacities from 175 L to 10,500 L
- Chambers comply to AS/NZS 1546.1
- Flexibility of on-site inlet penetrations
- Corrosion-free linear low-density polyethylene (LLDPE) construction
- NSW and SA Department of Health approved
- Low carbon footprint and fully recyclable
- High impact resistance
- Ultrasonic wall thickness tested
- 510 kg top load tested
- Above ground units available
- Customised inlet and outlet fitting options.

Applications

- Domestic and commercial sewage or septic effluent
- Industrial waste/buffer pits
- Stormwater
- Trade waste treatment
- Rainwater harvesting
- Solids settling
- Emergency storage/overflow.



DrainAce

Polyethylene pump chambers

Pit specifications

Pit model	Capacity (L)	Diameter (mm)	Depth (mm)	Weight (kg)	Cover size (mm)
DAP01*	175	710 ²	660	8	600 x 600
DAP02*	280	710 ²	960	16	600 x 600
DAP02A*	250	615	960	19	600 x 600
DAP05*	500	700	1400	28	Ø560
DAP06A [†]	590	800	1260	33	Ø600
DAP09	950	1000	1440	60	600 x 600
DAP10A	1050	1000	1600	73	600 x 600
DAP15	1460	1000	2100	97	600 x 600
DAP19	1880	1400	1525	128	900 x 600
DAP22	2180	1000	3150	235	600 x 600
DAP31	3150	1400	2385	210	900 x 600
DAP32	3200	1950	1400	190	900 x 600
DAP41	4100	1400	3020	310	900 x 600
DAP52	5200	1950	2100	355	900 x 600
DAP61	6100	1950	2400	471	900 x 600
DAP71 [‡]	7100	1400	5120	633	900 x 600
DAP81	8100	1950	3180	545	900 x 600
DAP105	10500	1950	4050	770	900 x 600

* Does not comply with AS/NZS 1546.1 and not Department of Health approved

[†] Department of Health approved (NSW only).

All other models are approved by NSW and SA Department of Health.

[‡] AS/NZS 1546.1 certification and Department of Health approval pending.

Cover types

Reference code	Loading	Type
LSP	No traffic	Poly cover
LSGC	Foot traffic	Galv. cover – gas-tight
LSCR	Light duty – 510 kg	Composite cover – gas-tight
LSCI	Class B	Cast iron cover – gas-tight*
HSCI	Class D	Cast iron cover – gas-tight*
LSGG	Light duty	Galvanised grate
HSGG	Class D	Galvanised grate*

*Requires load-bearing concrete surround



