

SEWAGE & STORMWATER PUMP STATIONS FRP PITS



FEATURES

FRP (Fibreglass) pits are structurally engineered to withstand the most difficult ground conditions without failure. The glass filament wound structure provides a one piece lightweight pit for a fast, safe, easy and guaranteed installation.

FRP PIT DESIGN AND CONSTRUCTION STANDARDS:

- > AS/NZS 1546.1 soil loading design requirements
- > AS3500.2 Sanitary Plumbing and Drainage:
 - > Construction section 10.5.2
 - > Authorised materials section 10.5.3
 - > Base design section 10.5.4
- > AS3500.2 Stormwater Drainage:
 - > Construction and Authorised materials section 9.3.2
 - > Base design section 9.3.3
- > AS2634:1983 Chemical Plant equipment made from GRP
- > ASME RTP-1 Reinforced Thermoset Plastic corrosion-Resistant Equipment (design methodology adopted where the scope falls outside of AS2634:1983)

FRP PIT LIFTING POINTS:

- > Lifting points designed with Regulation 1507 Certificate of Compliance to meet the following standards:
 - > AS4100-1998 Steel structures
 - > AS1170.1-2002 Structural design actions

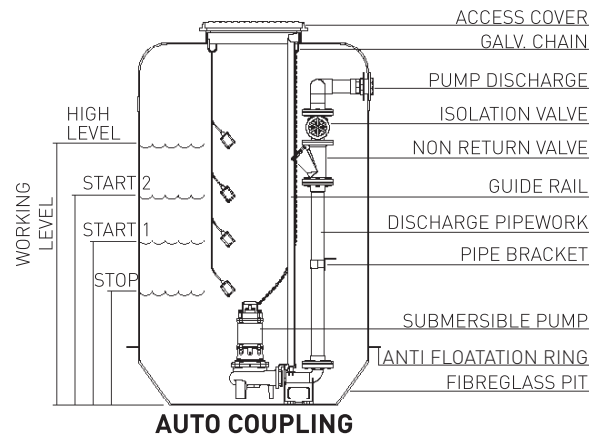
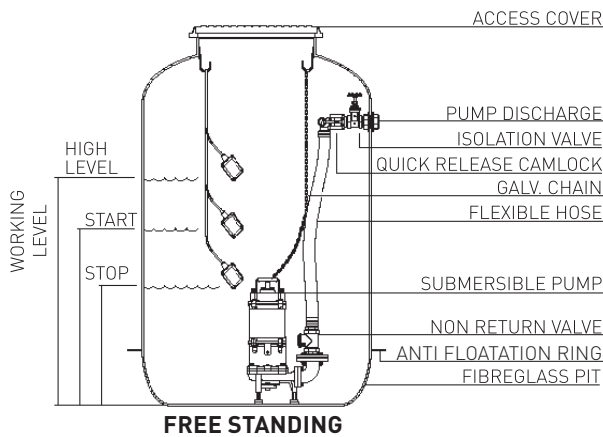
FRP PIT DESIGN LIFE AND WARRANTY:

- > Design life 50 years / Warranty 5 years.



30 YEARS INDUSTRY EXPERIENCE

TYPICAL ARRANGEMENT



ADDITIONAL OPTIONS

SUBMERSIBLE PUMPS	CONTROLLERS	LEVEL SENSORS	COVERS	SAFETY GRATES	AUTO COUPLING
PIPEWORK	MACERATORS	VALVE CHAMBERS	MIXERS	BACKUP POWER	MONITORING AND MANAGEMENT

