

EnviroLift Fibreglass Pump Stations are specifically designed for applications where a heavy-duty lightweight and corrosion resistant chamber is required.

These units are supplied as a complete one-piece prefabricated unit with internal equipment pre-fitted prior to delivery. This reduces the amount of site work to final plumbing and electrical connections only, making this product perfect for remote townships, mining camps and corrosive effluent applications.

Packaged fibreglass pumping stations have been specifically designed to cater for applications with the need for a lightweight, corrosion resistant and cost effective solution. Fibreglass stations are ideal for remote applications or where limited crane access is available and are fully engineered to handle ground pressures without external support.



Specifications

Internal dimensions

As per charts on following pages.

Method of manufacture

Multi-layer reinforced fibreglass designed and manufactured in accordance with BS 4994 - 1987.

Wall thickness

8 to 10mm with Flo-Coat protection.

Base thickness

10 to 12mm with Flo-Coat protection.

Free standing

Engineered to withstand ground pressures.

Pipework

ø50, 65, 80, 100 or 150mm PVC class 12, HDPE, copper, galvanised steel, DICI or MSCL.

Pumps

Single or dual guiderail mounted submersible pumps.

Level controls (optional)

Ultrasonic level sensor, level probes or mercury float switches, hung from stainless steel support and accessible without entering chamber.

Valves

Mounted inside chamber with Y-piece (dual pumps) or transition piece (single pump) external.

Lifting details

2 x Metal tabs moulded into pump station at manufacture.

Pump controller

Control Panel incorporating dedicated pump controller, circuit breakers, contactors, alarm and monitoring equipment, all in a lockable metal enclosure with lights and switches on internal panel. Free-standing or mounted on galvanised stand or suitable adjacent structure.

NOTE

Pump cables standard at 10m. Specify length if longer required.

Features

- light weight and noncorrosive
- minimum maintenance required
- easy on-site installation – can be ordered pre-assembled
- strong, resilient material – can withstand ground or liquid pressures

Vertical range specifications

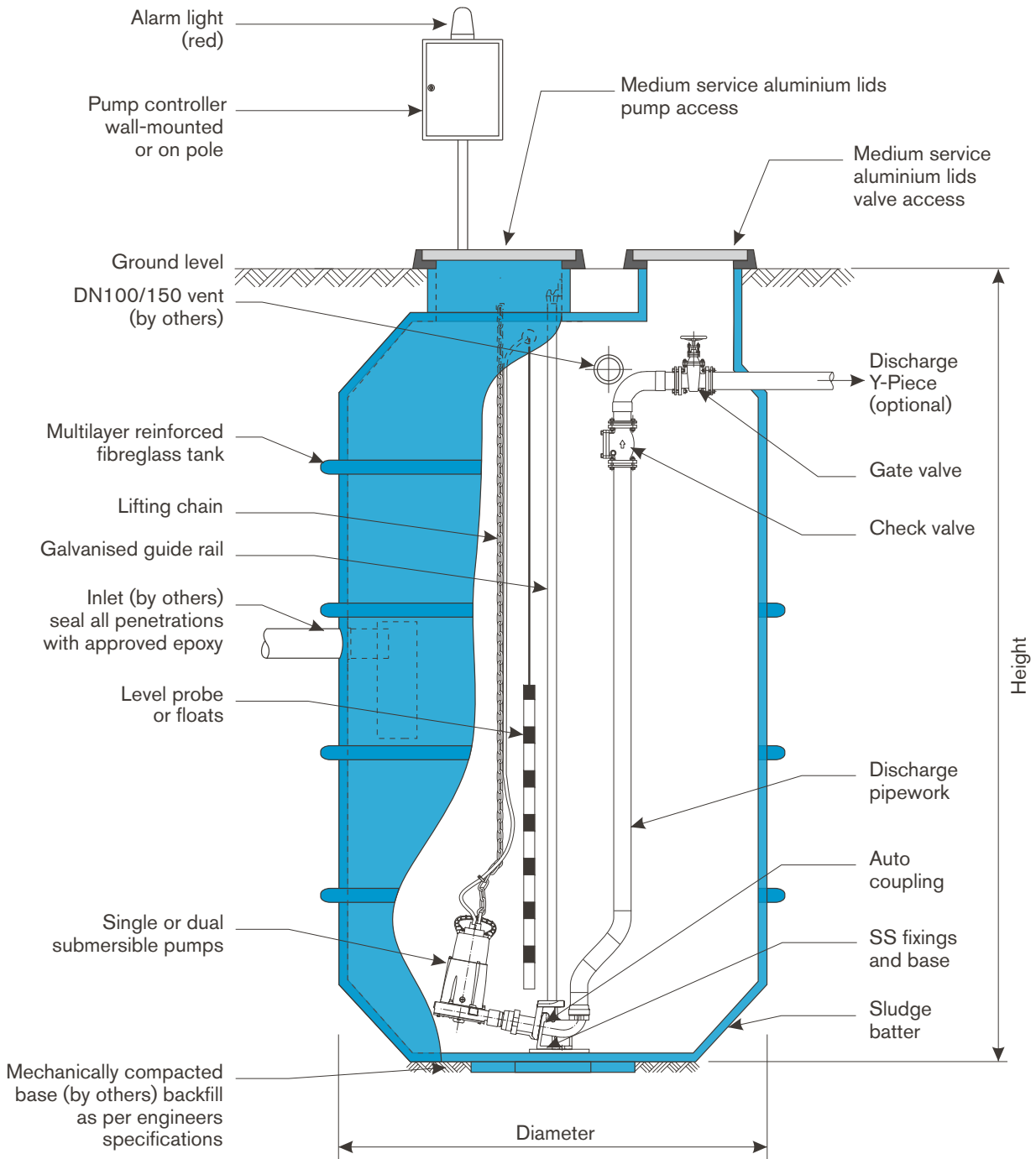
Model	Diameter (mm)	Height (m)	Capacity (m ³)	Access size (mm)
HSVPS150	1500	1.45	2.3	600 x 900
HSVPS150	1500	1.95	3.2	600 x 900
HSVPS150	1500	2.45	4.1	600 x 900
HSVPS150	1500	2.95	5	600 x 900
HSVPS150	1500	3.45	5.9	600 x 900
HSVPS150	1500	3.6	6.1	600 x 900
HSVPS150	1500	4	6.8	600 x 900
HSVPS185	1850	1.95	4.7	600 x 900
HSVPS185	1850	2.45	6	600 x 900
HSVPS185	1850	2.95	7.4	600 x 900
HSVPS185	1850	3.45	8.7	600 x 900
HSVPS185	1850	3.6	9	600 x 900
HSVPS185	1850	4.1	10.3	600 x 900
HSVPS185	1850	4.5	11.3	600 x 900

Access options

Model	Size (mm)	Configuration
HSAR/6	600	Round
HSAR/9	900	Round
HSAS/66	600 x 600	Square
HSAS/69	600 x 900	Rectangle
HSAS/99	900 x 900	Square
HSAS/912	900 x 1200	Rectangle
HSAS/1212	1200 x 1200	Square

Valve pits

Model	Size (mm) (D x W x H)
HSVP/666	600 x 600 x 600
HSVP/969	900 x 600 x 900
HSVP/999	900 x 900 x 900
HSVP/1099	1000 x 900 x 900



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