



RAINWATER HARVESTING

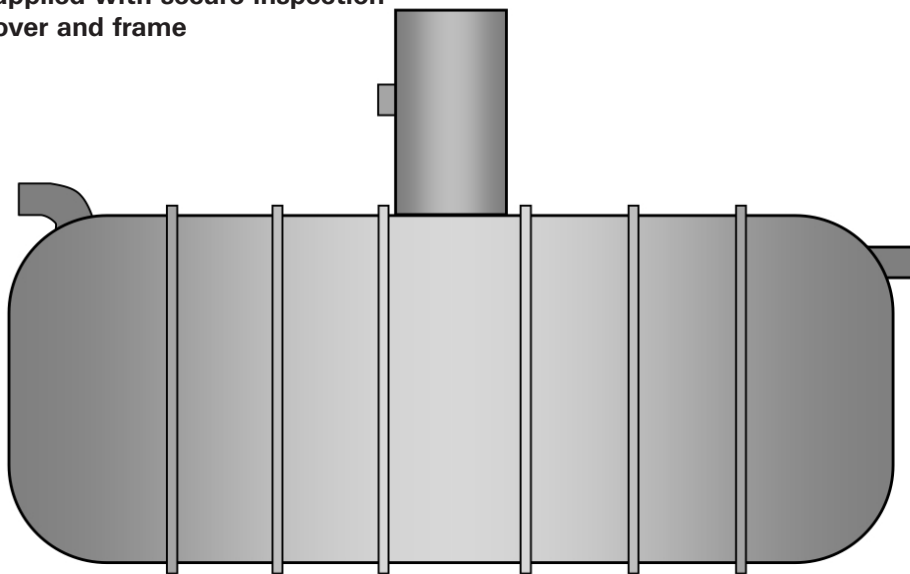
HYDROCORE STORAGE TANKS

- one-piece GRP underground tanks
- numerous sizes available from 1500 to 70,000 litres nominal capacity
- manufactured to BS4994
- supplied with all connections pre-fitted
- calmed inlet, pump platform & overflow trap pre-fitted
- lightweight & easy to handle
- can be tailored to suit specific requirements
- above-ground versions also available
- larger tanks can be fitted with additional access shafts and ladders
- supplied with secure inspection cover and frame

GRP 'submarine' tanks for in-ground installation from a reputable UK manufacturer, designed for use in rainwater harvesting systems. *HydroCore* tanks are manufactured to BS4994 and are available in a variety of sizes to suit most domestic and commercial needs.

The tank is normally supplied with 3 x 110mm spigots for direct connection to standard 110mm drainage pipe:

1. 110mm inlet connection as per drawing.
2. 110mm trapped overflow as per drawing. This is fitted with an integral anti-backflow device to protect the tank from ingress of dirty water from the storm drain. (The overflow trap can also be supplied fitted with an anti-vermin device if required.)
3. Separate 110mm connection in side of shaft to connect to ducting for cables and pump hose. This can be fitted to suit your requirements.



HydroCore tanks are normally supplied pre-fitted with a calmed inlet and a trapped overflow, thereby reducing installation time on site. The vertical shaft can be trimmed on site to suit invert levels. Tanks are supplied complete with a pump platform directly below the shaft and a pedestrian-duty inspection cover.

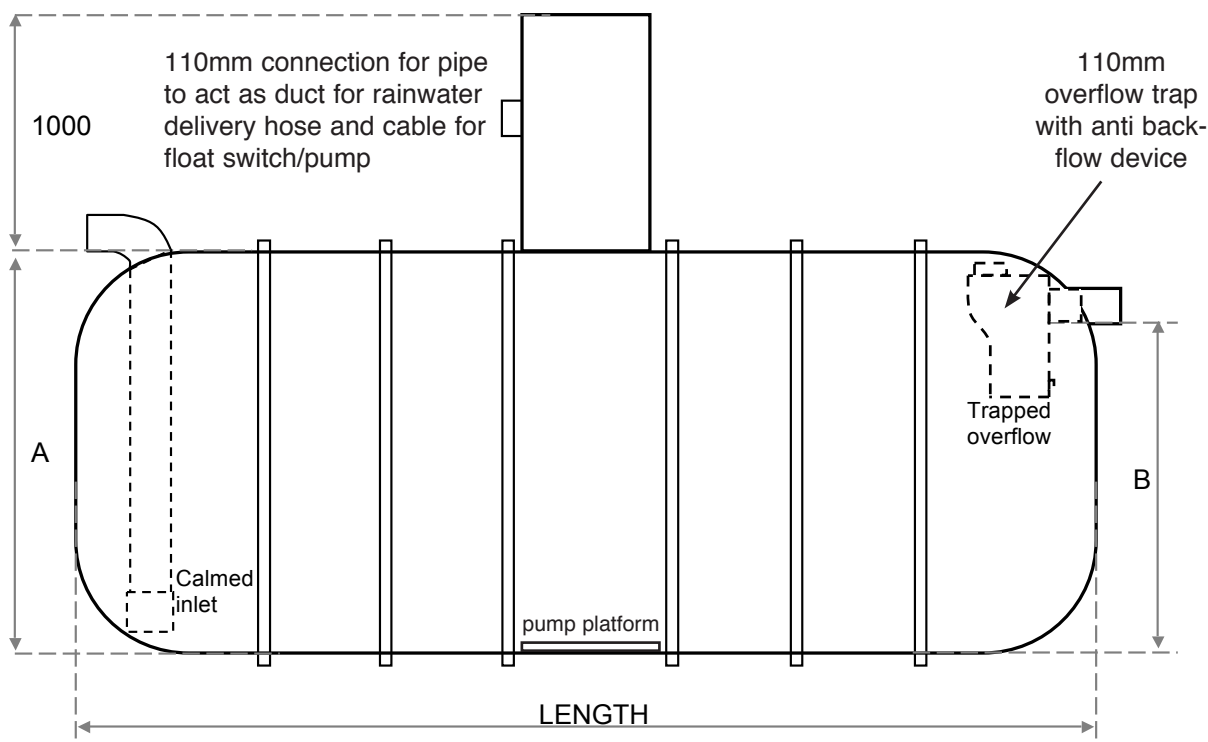
All pipework orientations can be made to suit individual site applications and additional outlets can be fitted upon request.

IMPORTANT:

HydroCore tanks are available in two grades; the standard version must be laid on a 300mm concrete base and then encased in concrete. Where high ground water may be present we strongly recommend that this type of tank is used. For sites where ground water is not an issue, a strengthened version is available which can be back-filled with aggregate. Detailed installation procedure is supplied

with each tank. When installed in areas subject to vehicular traffic, a reinforced concrete slab should be designed to prevent excessive loads being applied to the tank.

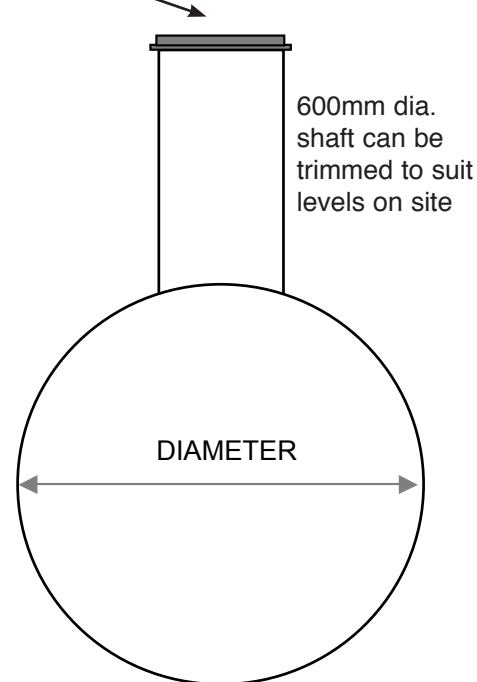
Please note that tanks are suitable for burial up to one metre above the invert level of the inlet pipe. Heavy duty tanks are available for burial at greater depths but are naturally more expensive. Please call if you require further information.



pedestrian duty inspection cover and frame

nom. capacity in litres	diameter mm	overall length mm	A mm	B mm
1,500	1250	1550	1250	1050
2,400	1250	2350	1250	1050
3,000	1250	2850	1250	1050
4,000	1250	3700	1250	1050
5,000	1500	3050	1500	1300
7,500	1850	3170	1850	1650

other sizes can be manufactured to suit requirements



The tank is illustrated in its standard layout, with inlet and overflow pipes at opposite ends and the duct connection in the shaft facing the same direction as the inlet.

Different layouts can be arranged when ordering to suit individual requirements.

Additional connections and access shafts can also be fitted at time of manufacture if required.

If subject to vehicular traffic a heavy duty inspection cover should be used in place of the standard pedestrian duty one supplied and a reinforced slab should be cast over the tank.

Please note that tanks are delivered on a flat-bed vehicle unless otherwise arranged and off-loading is the responsibility of the customer.

NB continuous development may necessitate change in these details without notice E&OE



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