



## OASIS CONCRETE WATER TANKS

- 1500mm diameter pre-cast underground tanks
- numerous sizes available from 1850 to 10,500 litres nominal capacity
- single and twin versions
- manufactured to BS EN 1917:2002
- supplied with all connections pre-drilled and sealed
- calming inlet & overflow trap pre-fitted in one-piece tanks
- one-piece chambers from 1.5 to 2.44 high
- up-stand options to increase capacity

Pre-cast reinforced concrete chambers with pre-formed base. These tanks are available in a range of set sizes in both single and twin arrangement. Each tank effectively has a variable volume, with the actual stored water volume being dictated by the level at which the overflow pipe is located. Each size of tank can be further increased by the addition of an up-stand (extension piece).

Where twin tanks are used, additional connections are provided for linking together.

All tanks are 1500mm ID, 1680mm OD

- delivered anywhere in mainland England & Wales
- can be fitted with double steps or access ladders if required



Interior view showing calmed inlet and trapped overflow

Each Oasis tank is supplied with a cover slab with either 600 x 600 or 600 x 750mm access opening. Tanks up to 2575 litres can be supplied with calmed inlet and trapped overflow pre-fitted; with larger tanks these must be fitted on site. Single tanks are supplied with 3 no. holes with seals suitable for standard 110mm pipe (or larger if required). The overflow invert level must be stated when ordering. All pipework orientations can be made to suit individual site applications and additional outlets can be fitted upon request.

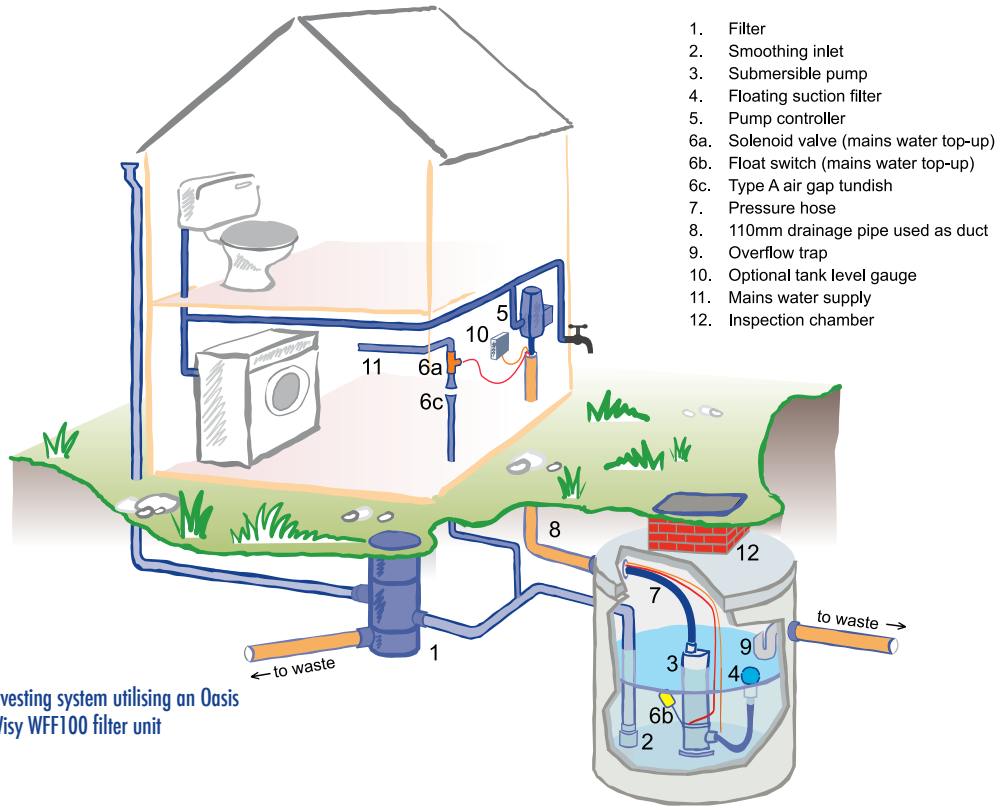


**IMPORTANT:**

Oasis tanks must be laid on a 150mm base of pipe bedding i.e. 10mm shingle. Once the tank is in place and all connections are made, the excavation can simply be backfilled with the excavated material. Detailed installation procedure is supplied with each tank. Oasis tanks are capable of withstanding vehicular traffic so no additional engineering is required, even if

located in a roadway.

Offloading is the customers' responsibility and suitable 3-legged lifting chains will be required. Main Oasis tanks require three EZ-Lifting brackets (available to order); upstands require standard Chamber Ring lifting bolts.



1. Filter
2. Smoothing inlet
3. Submersible pump
4. Floating suction filter
5. Pump controller
- 6a. Solenoid valve (mains water top-up)
- 6b. Float switch (mains water top-up)
- 6c. Type A air gap tundish
7. Pressure hose
8. 110mm drainage pipe used as duct
9. Overflow trap
10. Optional tank level gauge
11. Mains water supply
12. Inspection chamber

Typical domestic rainwater harvesting system utilising an Oasis concrete tank and Wisy WFF100 filter unit

DIMENSIONS AND CAPACITIES - Note all tanks are 1500 diameter (capacities can be increased by adding a raiser section)				
Nominal volume, litres	Overall height including cover slab, mm	Type	Components	Weight, Kg
1850	1635	single	1500 chamber, 135 cover slab	2370
1850 - 2300	1885	single	1750 chamber, 135 cover slab	2650
2300 - 2800	2135	single	2000 chamber, 135 cover slab	2920
2800 - 3200	2385	single	2250 chamber, 135 cover slab	3200
3200 - 3500	2575	single	2440 chamber, 135 cover slab	3400
4600 - 5600	2135	twin	2 x 2000 chambers, 2 x 135 cover slabs	2 x 2920
5600 - 6400	2385	twin	2 x 2250 chambers, 135 cover slabs	2 x 3200
6400 - 7000	2575	twin	2 x 2440 chambers, 2 x 135 cover slabs	2 x 3400
1325	750	raiser	750 raiser section	
1766	1000	raiser	1000 raiser section	

600 square covers & frames, lifting loops, and access steps are also available for all tanks.

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



RAINHARVESTING SYSTEMS

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