

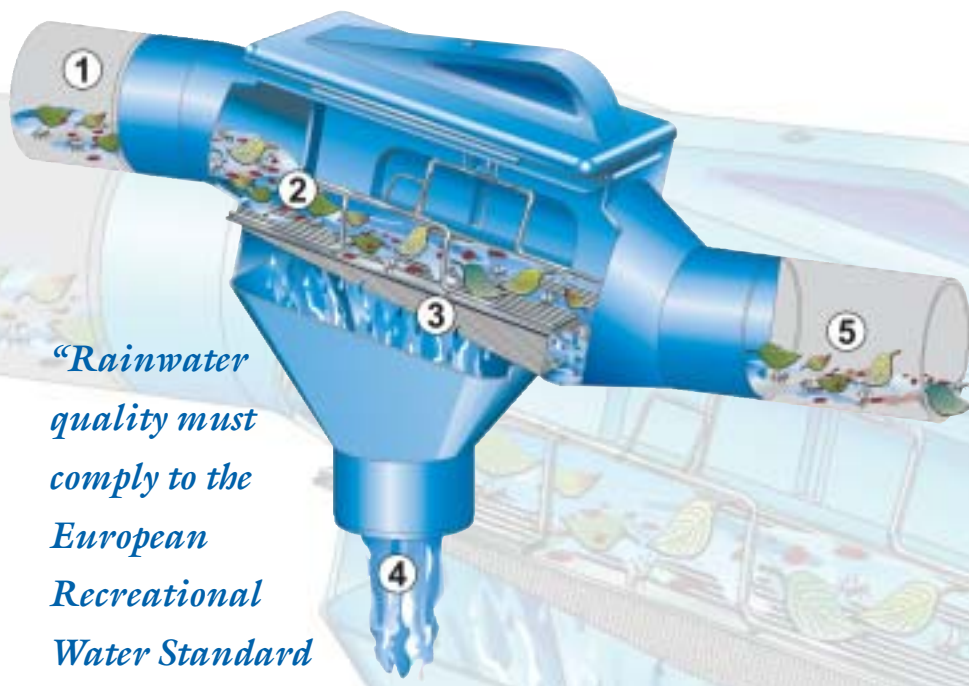
SYSTEM- Operation

Rainwater falling on the roof flows along the gutter through the down pipe into the tank, via the integrated cross flow self cleaning filter, removing unwanted particles from the rainwater. The filtered fast flowing oxygen rich water is directed down through the calmed inlet to the bottom of the tank where it is deflected upwards oxygenating existing tank water, ensuring a further natural biological cleaning process takes place.

On demand the in-tank submersible pump delivers the clean rainwater to toilets, washing machine and outside

tap etc. The system also has an automatic mains water tank top up facility, ensuring a constant water supply is guaranteed even when tank rainwater levels are low. The in-tank filter has many advantages over its competitors. The filter does not obstruct maintenance access and captures almost 100% of the incoming rainwater. The polyethylene holding tank is manufactured specific to purpose, is of robust construction and ready fitted out, has push fit connections and telescopic entry access for adjustment to finished levels.

SPECIFICATIONS



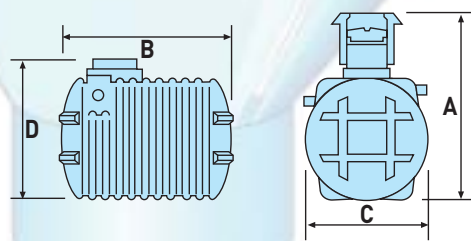
“Rainwater quality must comply to the European Recreational Water Standard No: 76/160 EWG”

- 1 Rainwater flows into filter
- 2 Larger particles are washed over the first coarse step of the S/S filter sieve
- 3 Smaller particles pass through and are washed over the second step of the filter sieve
- 4 Almost all the incoming clean rainwater flows through both steps into the tank
- 5 Coarse and fine particles are washed away into the soak away storm drain

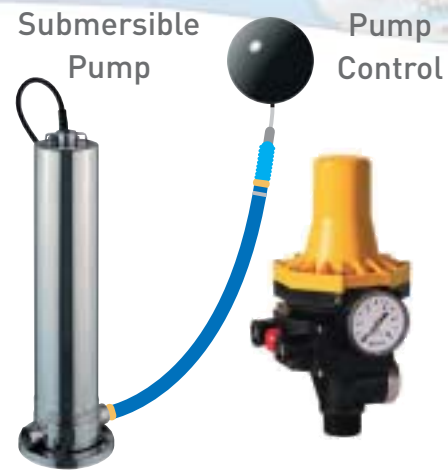
Filter does not obstruct access into tank



Tank Size Table



Tank Type	ET 3000	ET4500	ET 6000
A height mm	2230	2610	2840
B length mm	2400	2400	2400
C width mm	1400	1750	2080
D height mm	1745	2125	2355
weight kg	150	200	270
volume L	3300	4700	6500



RAINMAN™ STANDARD T

High Quality Simple System

complete systems solutions for every application



RAINWATER SYSTEM SPECIALISTS

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FreewaterUK intelligent rainwater systems have

been created to cater for the specific requirements of the

UK market, providing

complete system solutions for every application.

Developed in response to water supply, demand and disposal problems, which face both homeowners and business alike.

“Rainman™ Standard T” has an in-tank submersible pump, automatically switched on and off by the pump control on demand. The in-tank 2 step cross-flow self-cleaning filter removes dirt particles from the incoming rainwater. When the tank level is low the float switch opens the solenoid valve allowing mains water to flow back into the tank.

“Technology made easy to install”

RAINMAN™ STANDARD T

Back plate dimensions

340mm wide x 275mm high x 140mm deep

- 1 Rainwater from roof into tank
- 2 PE tank with telescopic access and 100mm push fit connections
- 3 Integrated two step fine filter
- 4 Overflow siphon with rodent barrier
- 5 Overflow to soakaway/storm drain
- 6 Calmed inlet, incoming rainwater
- 7 Submersible pump with floating ball and filter sieve
- 8 Float switch for maintaining min. tank level
- 9 Service ducting 100mm from house to tank
- 10 Rainwater supply pipe from pump to pump control
- 11 Back plate assembly
- 12 Mains water supply
- 13 Mains water solenoid valve (float switch activated)
- 14 Mains water pipe to service duct
- 15 Pump control switches submersible pump on and off, on demand
- 16 Rainwater connection to toilets, washing machine and outside tap
- 17 Junction box for 230v mains cable, float switch connections

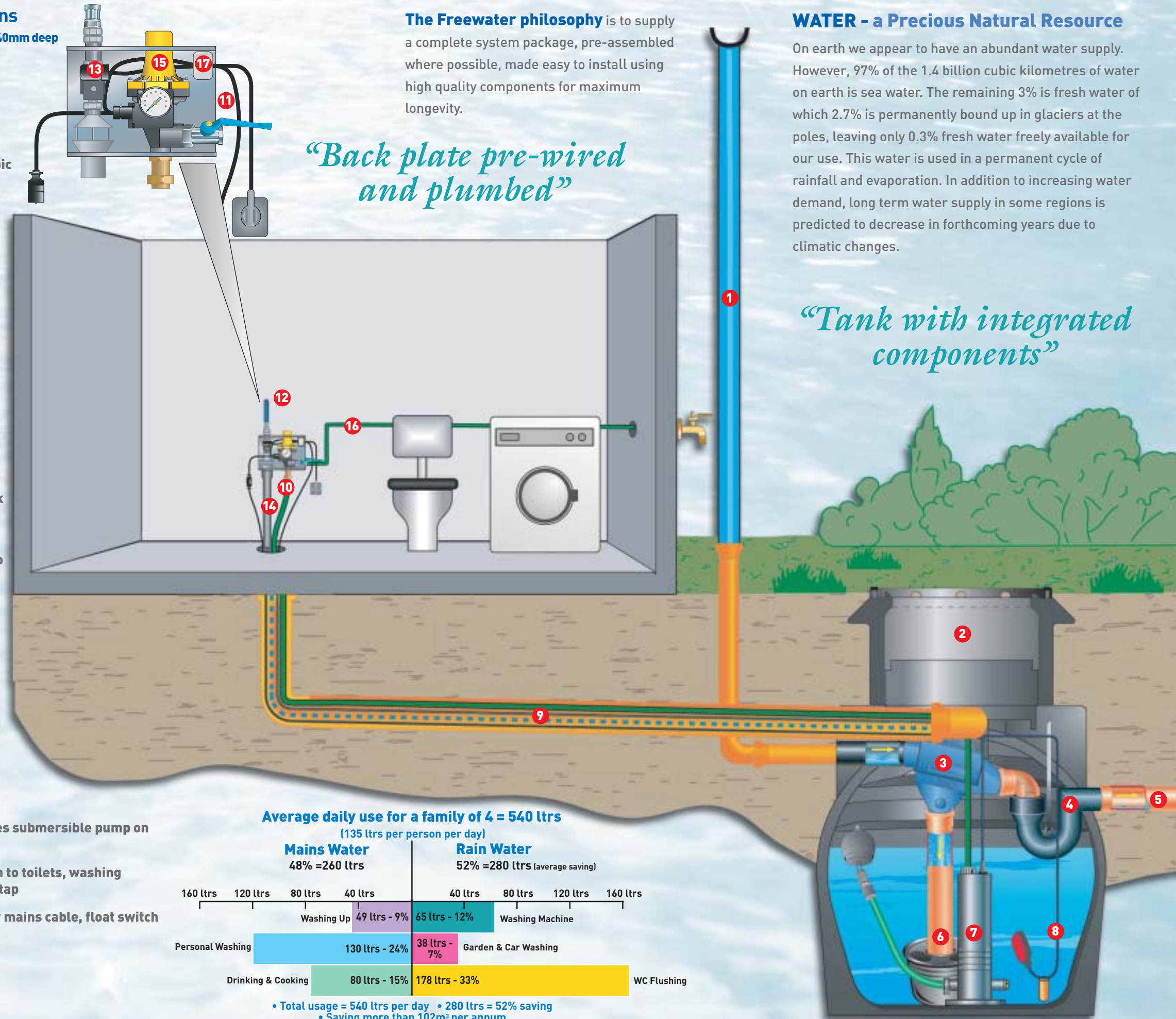
The Freewater philosophy is to supply a complete system package, pre-assembled where possible, made easy to install using high quality components for maximum longevity.

“Back plate pre-wired and plumbed”

WATER - a Precious Natural Resource

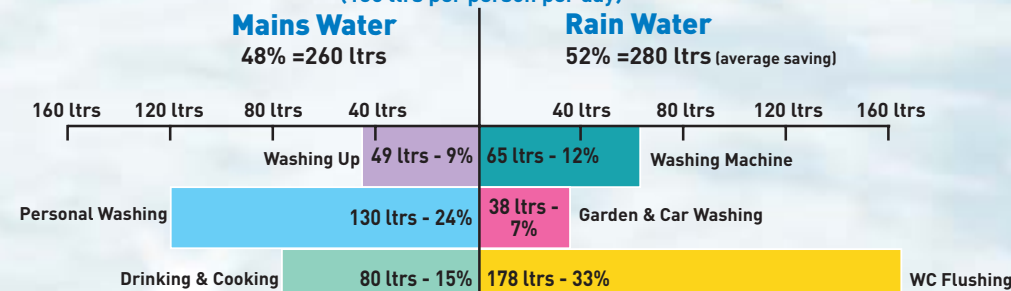
On earth we appear to have an abundant water supply. However, 97% of the 1.4 billion cubic kilometres of water on earth is sea water. The remaining 3% is fresh water of which 2.7% is permanently bound up in glaciers at the poles, leaving only 0.3% fresh water freely available for our use. This water is used in a permanent cycle of rainfall and evaporation. In addition to increasing water demand, long term water supply in some regions is predicted to decrease in forthcoming years due to climatic changes.

“Tank with integrated components”



Average daily use for a family of 4 = 540 ltrs

(135 ltrs per person per day)



• Total usage = 540 ltrs per day • 280 ltrs = 52% saving
• Saving more than 102m³ per annum

