

Vertical Rainwater Harvesting Tanks

With both domestic and commercial sizes and capacities available, our range of Rainwater Harvesting Tanks provides the water storage element for Rainwater Harvesting Systems. Available in sizes from 150 litres to 30,000 litres our collection tanks allow rainwater to be stored and used at your convenience.



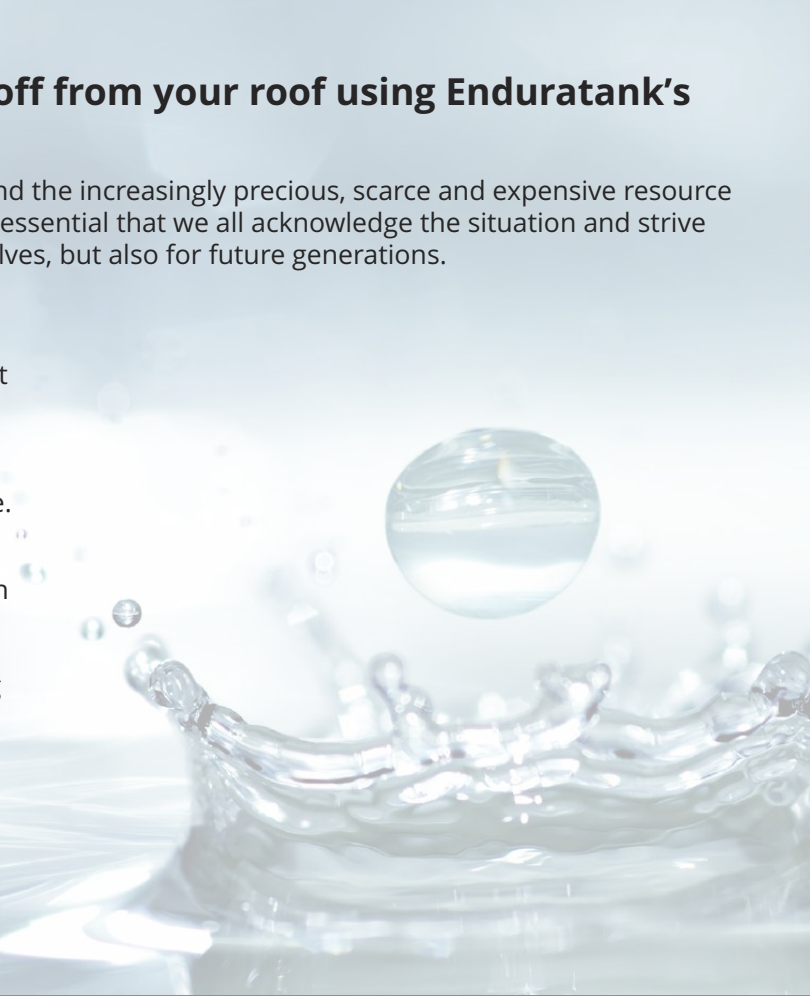
Capture and store rainwater run-off from your roof using Endurataank's Rainwater Harvesting System

With the ever present spectre of global warming and the increasingly precious, scarce and expensive resource of fresh water affecting the whole planet, it is now essential that we all acknowledge the situation and strive to develop a sustainable society for not only ourselves, but also for future generations.

It is well known that much of the water we use does not have to be purified (potable/of drinking water quality). Conservative estimates indicate that in domestic applications, 55% of water used could be substituted for rainwater. This figure increases to 85% of water when considering the amount of water used for commerce, industry and agriculture.

Rainwater is free and by harvesting this resource for our own use we not only provide ourselves with an independent water supply during drought conditions or times of regional water restrictions, but also supplement the mains supply, thus saving money. Collecting rainwater can also assist in mitigating the flooding of low-lying areas.

Harvested rainwater is suitable for many applications across all sectors, including toilet flushing, wash down/pressure washing of yards and vehicles, irrigation, dust suppression, agricultural spraying and the watering of livestock.



HOW DOES RAINWATER HARVESTING WORK?

A storage tank is fitted to your stormwater drain from your roof and falling rain enters the tank through a filter which removes leaves and other debris.

HOW CLEAN IS THE WATER?

In order to remove particles and other matter Rainwater is filtered when entering your storage tank. It is kept in the dark and oxygenated to discourage algal growth. Inbuilt calming inlets ensure that any sediment at the bottom of the tank does not get stirred up.

Note: This water is not fit for human consumption.

HOW MUCH RAINWATER CAN I HARVEST?

It is particularly important to ensure that your system fully meets your requirements and options. In general you should collect as much rainwater as possible. Use the following formula for an initial calculation:

**Roof area (footprint) in square metres
x annual rainfall in cubic metres.**

**(650ml = 0.65m³), divided by 12 = average
monthly rainfall capture.**

**e.g. 450m² x 750ml = 337.5 (m³), divided by
12 = 28.125m³ or 28,125 litres per month
average.**

We recommend storing an average of two to three months' worth of rainfall (bear in mind you may get three months' worth in your wettest month).

In the above example we would recommend two or three 30,000 litre tanks balanced with a 2" balance kit and a type B Rainwater Harvesting Kit (see page 16).

How to get started?

Choosing the right rainwater harvesting system isn't difficult it can be done in **7 simple steps**.



1

HOW MUCH RAINWATER DO YOU REQUIRE?

Decide on the amount of rainwater you will need to have stored in reserve and also the amount of water you will be able to harvest from your roof.



2

CALCULATE YOUR ANNUAL USAGE

Calculate your likely annual usage. This can be done with the aid of your current water bill.



3

WHAT SIZE TANK WILL YOU REQUIRE?

By using the water catchment formula on page 14 you can calculate the tank capacity you will require.



4

WHERE DO YOU WANT TO PUT YOUR TANK?

Identify your preferred tank location and measure the space and height available.



5

CHOOSE YOUR VERTICAL OR HORIZONTAL RAINWATER HARVESTING TANK

See pages 17 to 21.

**6**

CHOOSE FROM THE THREE FILTER KITS BELOW

Kits contain: Siphon Overflow, Calmed Inlet and an Internal Pipe.

**KIT
A**

Will service a 200^m² roof area and is better suited to general use and yard wash-down. This filter should be cleaned several times a year, depending on usage. The kit is commonly used on a tank between 1,250 and 10,000 litres.

CODE 254010

**KIT
B**

Will service a 450^m² roof area and is best suited to WC flush and applications where a better quality of water filtration is required as well as general garden use, vehicle wash-down, dairy and much more. This filter should be cleaned twice a year, depending on usage. The kit is commonly used on a tank between 5,000 and 30,000 litres.

CODE 254020

**KIT
C**

Will service an 800^m² roof area and has exactly the same filter mechanism as Kit B. This filter should be cleaned twice a year, depending on usage. The kit is commonly used on a tank between 5,000 and 30,000 litres.

CODE 254030

**7**

PLACE YOUR ORDER AND ARRANGE DELIVERY

Rainwater Harvesting/Non Potable Tanks

150 Litre to 1250 Litre

Endurataank's Rainwater Harvesting Tanks (also known as a Rainwater Recycling Tanks/ Non Potable Water Tanks) are self-supporting, vertical cylindrical tanks, constructed of UV stabilised MDPE (mid density polyethylene) with a ribbed design for added strength, giving an aesthetic appearance. They are designed to provide rainwater/ grey water storage for our Rainwater Harvesting System.



Code	Description	Standard Colours	Standard Outlet	Standard Lid Size mm	Dimensions dia x H mm
1725011	150 Litre Vertical Tank	Black/Green	1.5"	455	600 x 650
1725031	300 Litre Vertical Tank	Black/Green	1.5"	455	600 x 1200
1725051	500 Litre Vertical Tank	Black/Green	1.5"	455	700 x 1500
1725071	720 Litre Vertical Tank	Black/Green	1.5"	455	700 x 2150
172105	1250 Litre Vertical Tank	Black/Green	1.5"	455	1200 x 1200

Please note: Tank sizes quoted are subject to a +/- 3% variation

Rainwater Harvesting/Non Potable Tanks

2000 Litre to 5000 Litre

Popular uses include:

- Landscape watering for parks and recreational purposes
- Horticultural and Market Garden applications
- Cost effective watering systems for groundskeepers and sporting stadia
- Toilet flushing in industrial, commercial, hospital or school environments
- Equine and agricultural establishments
- Irrigation and/or wash-down facilities
- Agricultural tank and farm sprayer tank
- Civil engineering applications where mains water is unavailable
- Rainwater, being non-chlorinated, is better for plants and gardens



Code	Description	Standard Colours	Standard Outlet	Standard Lid Size mm	Dimensions dia x H mm
172108	2000 Litre Vertical Tank	Black/Green	1.5"	455	1200 x 1900
172110	2500 Litre Vertical Tank	Black/Green	1.5"	455	1400 x 1800
172111	3000 Litre Vertical Tank	Black/Green	2"	455	1400 x 2135
172112	4000 Litre Vertical Tank	Black/Green	2"	620	1900 x 1875
172155	5000 Litre Vertical Tank	Black/Green	2"	620	1900 x 2300

Please note: Tank sizes quoted are subject to a +/- 3% variation

Rainwater Harvesting/Non Potable Tanks

6000 Litre to 10000 Litre



Features

- 100% rust proof
- UK manufactured
- 2 Year guarantee
- Supplied direct from stock for fast delivery

Code	Description	Standard Colours	Standard Outlet	Standard Lid Size mm	Dimensions dia x H mm
172116	6000 Litre Vertical Tank	Black/Green	2"	620	1900 x 2500
172114	6500 Litre Vertical Tank	Black/Green	2"	620	2600 x 1500
172117	7000 Litre Vertical Tank	Black/Green	2"	620	2400 x 1820
172118	8500 Litre Vertical Tank	Black/Green	2"	620	2600 x 2063
172122	10000 Litre Vertical Tank	Black/Green	2"	620	2400 x 2500

Please note: Tank sizes quoted are subject to a +/- 3% variation

Rainwater Harvesting/Non Potable Tanks

12500 Litre to 20000 Litre



Enduratank...
 providing simple,
 reliable and affordable
 rainwater systems all
 backed by a solid
 guarantee

Code	Description	Standard Colours	Standard Outlet	Standard Lid Size mm	Dimensions dia x H mm
172125	12500 Litre Vertical Tank	Black/Green	2"	620	2600 x 2650
172128	14000 Litre Vertical Tank	Black/Green	2"	620	2600 x 2900
172129	15000 Litre Vertical Tank	Black/Green	2"	620	2400 x 3550
172130	16800 Litre Vertical Tank	Black/Green	2"	620	2600 x 3410
172138	20000 Litre Vertical Tank	Black/Green	2"	620	2850 x 3600

Please note: Tank sizes quoted are subject to a +/- 3% variation

Rainwater Harvesting/Non Potable Tanks

20800 Litre to 30000 Litre



172135



172150



172160

Code	Description	Standard Colours	Standard Outlet	Standard Lid Size mm	Dimensions dia x H mm
172135	20800 Litre Vertical Tank	Black/Green	2"	620	2600 x 4150
172150	22000 Litre Vertical Tank	Black/Green	2"	620	3450 x 2600
172140	25000 Litre Vertical Tank	Black/Green	2"	620	2700 x 4650
172155	26000 Litre Vertical Tank	Black/Green	2"	620	3450 x 3200
172160	30000 Litre Vertical Tank	Black/Green	2"	620	3450 x 3650

Please note: Tank sizes quoted are subject to a +/- 3% variation

Rainwater Harvesting Kits

A blue-tinted photograph of rain falling on a field of tall grass. The rain is captured as numerous vertical streaks, creating a sense of motion. The grass is dense and appears to be blowing in the wind, adding texture to the scene.

All our Rainwater Harvesting Kits are supplied with filters that are easily removable for cleaning and are available in a variety of filtration and connector configurations.

Rainwater Harvesting Kits, Filters and Pipe Seals

KIT A



Rainwater harvesting kit A - 200m2 filter, calmed inlet and siphon overflow.
CODE: 254010

KIT B



Rainwater harvesting kit B - 450m2 filter, calmed inlet and siphon overflow.
CODE: 254020

KIT C



Rainwater harvesting kit C - 800m2 filter, calmed inlet and siphon overflow.
CODE: 254030

Code	Description
252020	Filter collector (70m2 roof)
2521201	Filter collector (70m2 roof)
252010	Garden filter - 200m2



Code	Description
177705	Pipe seal for 2" pipe
177710	Pipe seal for 4" pipe
177715	Pipe seal for 6" pipe
177725	Pipe seal for 10" pipe