

# WaterGuard Flat (Eco) 3000

The WaterGuard Flat 'Eco' 3000 is a fully automatic rainwater harvesting system used for the collection and supply of rainwater within both domestic and commercial applications.

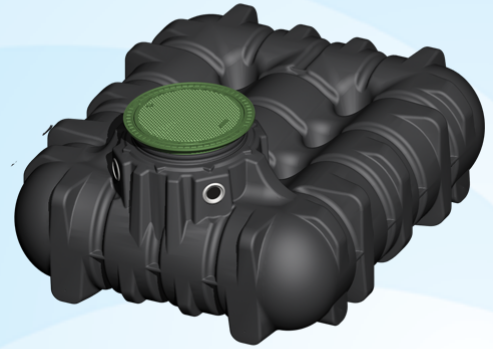
It is designed to accept rainwater from downpipes, which is then filtered into a collection tank ready to be used within buildings to serve all non-potable water appliances (WC, washing machine) and outdoor tap via a submersible pump within the holding tank.

The system consists of a shallow polypropylene tank with locking access cover, connections for all connecting pipework, submersible pump, internal filters, sensors and control module. Mains water top up facilities are provided as standard.

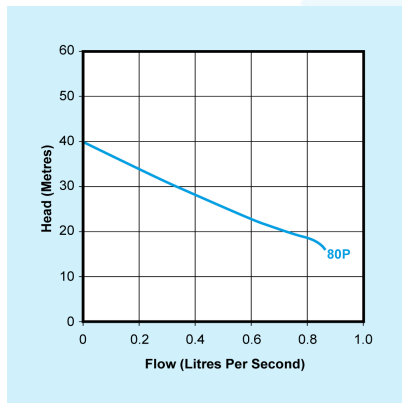
This system offers you unregulated use of your outdoor tap and saves you money through reduced mains water consumption by supplying water to all non-potable appliances. The unique tank design is ideal for installation in high water table areas.

## KEY FEATURES

- Unique shallow tank ideal for high water table areas
- 3000 litre storage capacity
- Offers unregulated use of garden tap as well as serving WCs and Washing Machines
- Mains water top up to ensure water is always available
- Direct/Gravity options available
- Overflow to storm drain or soakaway
- Must be no closer than 5M away from the face of the building
- Environmentally Friendly



## PUMP CURVE



## DIMENSIONS

CHAMBER	LENGTH	WIDTH	HEIGHT
	2450mm	2100mm	1050mm

\*excludes telescopic lid.

ACCESS COVER	DIAMETER	DEPTH
Clear opening	600mm	N/A
(incl. frame)	780mm	N/Amm

## WEIGHT

TOTAL BOXED WEIGHT
200 KG

## TECHNICAL SPECIFICATION

CHAMBER	
Colour	Black
Material	Polypropylene
Capacity	3000 l
Lifting eyes	No
Discharge size	25mm OD

PUMP	
No. of pumps	1
Pump type	Vortex
Power supply	1 PHASE
Rated current	2.5A
Motor rating	1100W
Revolutions per min.	2850rpm
Max. vertical	40M
Max. flow rate	0.85 l/sec
Frequency	50Hz
Max liquid temp.	<40°C
Cable length	10m

ACCESS COVER	
Material	Plastic
Loading	Pedestrian Duty
Locking	Yes

## SUITABLE FOR



## WASTE TYPE



## OPTIONAL EXTRAS



All our products can be customised to your requirements. For more information on this please contact our Sales Team on **01442 211554**.

# WaterGuard Flat (Eco) 3000

## PROJECTS

### SITE SURVEYS

We offer no obligation On Site Surveys and Inspections of pumping schemes for refurbishment, installations, servicing, insurance assessment and general feasibility studies.

Our team of experienced Project Coordinators will survey your site to fully assess the specific requirements of your pumping scheme. Our Project Team will work with you to manage the process from start to finish.

The pumping scheme will be fully inspected mechanically, electrically and for operational capability with a full report of our findings, recommendations and quotation supplied.

### PROJECT DESIGN

We offer a full in-house design service working from either site drawings, or where appropriate, undertake no obligation On Site Surveys.

Our Project Team will produce a detailed technical specification and quotation considering all technical parameters (application, location, flow rate, medium type, electrical supply plus ensure it adheres with current regulations).

Our Project Coordinators are trained in all technical aspects to ensure that the most cost effective and efficient solution is offered.

### INSTALLATIONS

Our services range from the installation of new control equipment, submersible pumps through to full pump station refurbishments.

Customers can simply assign the responsibility for the installation to our Project Team knowing that our team of experienced Project Coordinators and Service Engineers will complete the installation on time and within budget.

Upon completion a handover service is offered where our technical representative will attend site and conduct an onsite demonstration of the equipment.

## APPLICATION



## AFTER SALES

We offer a comprehensive range of after sales services that include:

- Planned servicing
- Emergency call-outs
- Commissioning
- Monitoring
- Tankering and Jetting

Our engineers are fully trained in all aspects of working with pumped drainage systems, as well as being specifically trained in the use of gas detection equipment, confined space entry procedures and all relevant health and safety legislation.

Please contact our aftersales department on 01442 211554 for further information.

## MAINTENANCE

The product should be inspected every three months.

A full visual inspection should be undertaken to the product to assess its overall condition, this must include all electrical and mechanical components.

In addition to the above it is important that the product undergoes regular servicing. As with all systems of this nature, regular maintenance is essential to ensure the system operates at its optimum level and fulfils its expected lifespan. The product must be maintained at intervals of:

- Once per annum - Single residential dwelling
- Twice per annum - Single residential dwelling where there is a risk of flooding as a result of product failure (for example, basement applications) & Multiple residential dwellings
- Four times per annum - Commercial premises

## HEALTH & SAFETY

Edincare Pumps are registered with British Safety Council, Constructionline, Safe Contractor, CHAS, ISO, Basement Waterproofing Association, PCA, FORS & NICEIC demonstrating our commitment to Health and Safety and our quality of workmanship.

## DELIVERING PUMPED SOLUTIONS NATIONWIDE

Edincare Pumps has been established for over 25 years specializing in the manufacture, project design, sale, commission, service and repair of pumped drainage solutions.

## OUR PRODUCT RANGE

- Packaged pumping stations
- Waste water pumping systems
- Macerators & macerating toilets
- Floor mounted pumping stations
- Fat, oil & grease separating systems
- Rainwater harvesting systems
- Battery Backup Systems
- Adoptable Pumping Stations

## CHOOSE WITH CONFIDENCE

-  1 year guarantee
-  Service agreement
-  Commissioning
-  Availability

## WWW.EDINCARE.COM ...

-  Installation guide
-  Technical drawing
-  BIM drawing
-  NBS Specification
-  Catalogue