

## Ifore

### Domestic Gravity Fed Rainwater Harvesting System

#### PRODUCT OPERATION

The rainwater harvesting system by IFORE is a low cost solution with instant results, which will reduce household bills. The rainwater that runs down the roof of your property is collected by the catchment tray which is situated between the roof tiles. The harvesting system is connected up to a water storage tank within the loft. This means no large machinery or garden excavation is needed. A structural inspection of your loft is required to see the amount of water you can store. The IFORE system is gravity fed so the rainwater harvesting does not use a pump to supply the water.

A pre-filtration system is used to filter the water before entering the tank. During low rainfall periods, the tank will automatically switch to mains water to keep the system flowing.

#### BENEFITS

- Simple, low cost installation
- No excavation costs for underground tanks
- No pumps - reduces maintenance costs
- No electricity required - will operate during power cuts
- Simple maintenance
- 2 year guarantee



AUTHORISED  
USER NO. 01889

#### HOW IT WORKS

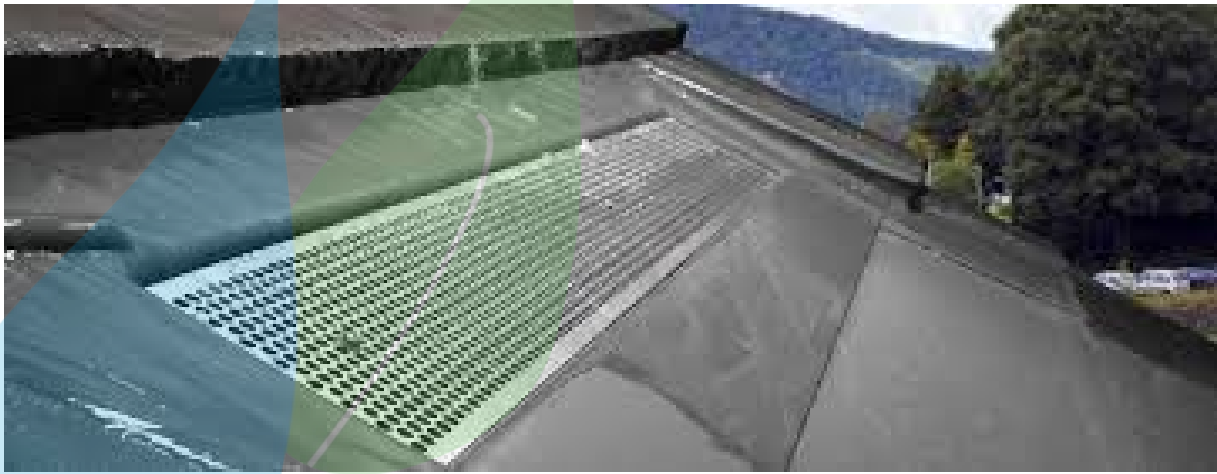
1. Header tank
2. Overflow 40mm solvent weld pipe
3. Filter
4. Mains water back up
5. Feed to the appliances 22mm pipe to increase the flow rate
6. Connecting pipes between catchment tray and tanks (32mm)
7. IFORE catchment tray
8. Non-potable applications e.g. wc, washing machine
9. Coffin water storage tank (225, 315 or 450 litres)
10. Water butt for additional water storage from the overflow pipe



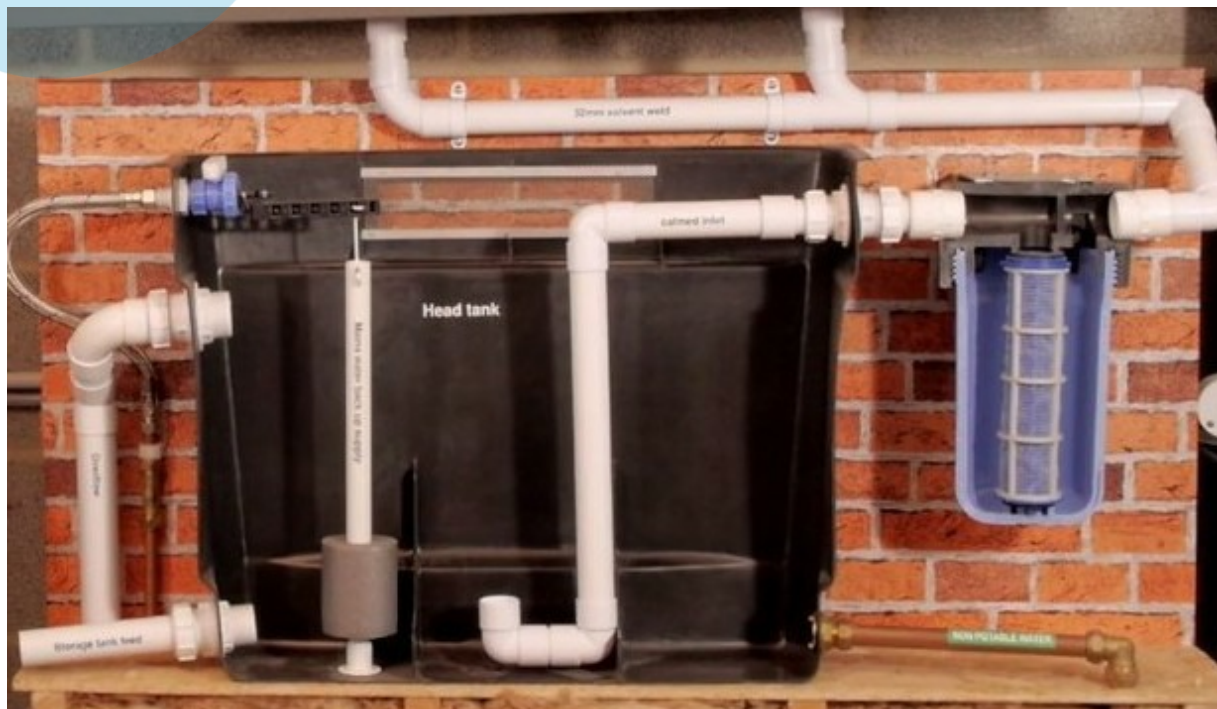
Tel. 01274 510677

E-mail: [info@orchardwatercare.co.uk](mailto:info@orchardwatercare.co.uk)

We **care** for your **water**



Rainwater catchment tray installed in the roof tiles



Cross section of the loft header tank with in line filter

## OTHER PRODUCTS & SERVICES AVAILABLE FROM ORCHARD

- **COMPLETE RAINWATER HARVESTING AND MANAGEMENT SYSTEMS**  
for Domestic, Garden and Commercial applications
- **TOTAL DESIGN SERVICE**  
for Domestic, Garden and Commercial applications
- **INSTALLATION, COMMISSIONING , SERVICING AND MAINTENANCE PACKAGES**
- **ACCESSORIES - UV Filters, Pre Filters, Soakaways, Pressure Vessels**
- **SEPARATOR ALARMS - Mains, Battery, GSM, Web based and Wireless**

Orchard Watercare Ltd.  
Bingley  
West Yorkshire

T. 01274 510677  
E. [info@orchardwatercare.co.uk](mailto:info@orchardwatercare.co.uk)  
W. [www.orchardwatercare.co.uk](http://www.orchardwatercare.co.uk)

 **ORCHARD  
WATERCARE**  
We care for your water