

RHI Water Limited designs and supplies water recycling systems primarily for the commercial building market. In the past five years with the backing of Invest NI we embarked on an R&D program to develop a product range of that would differentiate us from the competition and increase profitability. We looked at the market and seen where systems could be improved and identified a main key area: Rainwater filters.

During the filter development phase we realised that we had and were developing a product range with huge export potential. These products did not have to be included solely in our systems but could be sold as standalone items to enhance the system of any supplier of rainwater harvesting systems.

To market this product effectively we identified the need for a strong brand and registered trademark HYDRAPRO®. We also currently have patents pending on the HYDRAPRO® FT filter.

The FT rainwater filter has a number of key features (illustrated in the accompanying data sheet) including a market leading invert drop of 80mm across the filter. This refers to the drop from the inlet pipe to the waste overflow pipe. The current market leaders in this sector are German and Dutch filters. The 80mm fall across the HYDRAPRO® is 3 times less than these. This means that it can be fitted into more installation with greater ease. It's design allows for installation within buildings which opens up the market to urban areas where installation within basements is the norm. Additionally, the HYDRAPRO® FT filter has a unique washing system which reduces maintenance and ensure consistent filter performance.

The filter range individual unit prices start from £1,750.00 up to £2,350.00. Installation costs are minimal. There are no running costs as the recycled rainwater is used for wash down. With regards to maintenance costs our Stainless steel filters are hard wearing and long-lasting therefore they require very little maintenance.

Having adhered to all BS (British Standard regulations) known to us, we launched our HYDRAPRO® filter in the U.K. back in March 2015 and have successfully installed a number of units within the U.K.