

# EURAQUA UK

## Unbeatable Water Treatment Service

### PRODUCT UPDATE

### IRON/MANGANESE REMOVAL MEDIA

#### **Filox Particle Size**

The particle size of Filox Media has been reduced which helps the Iron/Manganese removal as smaller particles increase the surface area and hence the catalytic sites. However this has had the knock on effect of increasing the commissioning backwash times. With immediate effect we will be instigating a gravel underbed (as shown in picture of our test vessel) which will bring the backwash times back down to previous levels. Prices of units will stay the same, revised price list page showing Gravel quantities attached.



#### **New Iron/Manganese Removal Media Availability from Early May 2011**

Progressively Filox has been harder and more expensive to get hold of so we have brought in an alternative (PYROLOX) which is technically equivalent but lower cost. On our smallest model (1044) **SAVING OVER £100** upto a 36" unit **SAVING OVER £1,000**. New price list page attached

About Pyrolox Filtration for Iron Removal:



A Naturally mined ore, Pyrolox is a mineral form of manganese dioxide which has been used in water treatment for more than 75 years. Pyrolox is a granular filtration media for hydrogen sulfide, iron and manganese reduction. Pyrolox functions as a catalyst, but itself remains relatively unchanged. Pyrolox works on a principle whereby the hydrogen sulfide, iron and manganese are oxidized and trapped on the media while simple backwashing cleans the bed. No chemical regeneration is required, nothing is imparted into the drinking water and Pyrolox has a high capacity for low contaminant concentrations.

Pyrolox can be used in conjunction with aeration, chlorination, ozone or other pretreatment methods for difficult applications. Chlorine or other oxidants accelerate the catalytic reaction.