

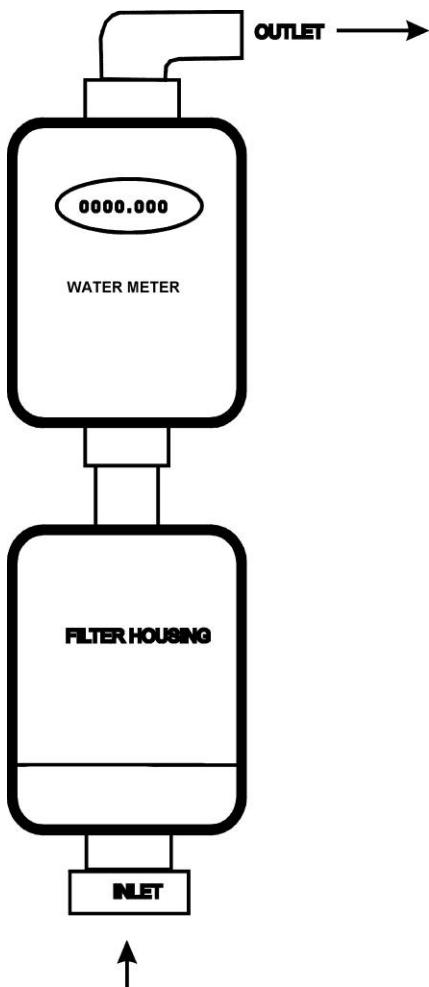


# Hyperion Research Ltd.

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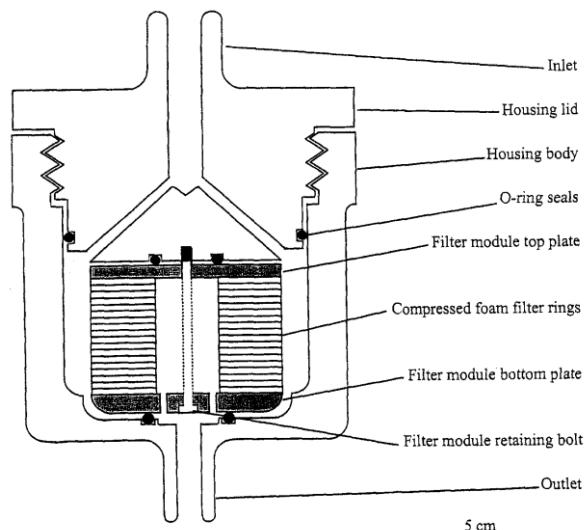
## FW12 With Filta-Max Filters and US Gallon Meter- Instructions for Use

1. Place filter module into the filter housing and screw on the end cap by applying gentle pressure. The filter is inserted with the threaded end of the securing bolt on the top and the rounded shoulder of the black plastic bottom plate down at the outlet end.
2. Attach the filter housing to the desired water supply using the appropriate fittings. The inlet is the female (housing lid) end. Water should flow from the bottom up, first through the filter housing and then through the meter as shown below.



3. Record the initial volume and run the filters at a maximum effluent flow rate of 1 US gallon/ minute and pressures up to 75 psi. An in-line pump will be required for low pressure sources.
4. Continue filtering until the flow rate becomes very slow. **Typical volumes are 10-30 US gal for raw water & 100-250 US gal for treated.** The water meter reads in US gallons (1 US gal = 3.8 L) so use the red and black numbers to left of the comma to read gallons. The red number to the right of the comma indicates tenths of a gallon and the red arrow indicates hundredths. The black disc with the white triangle inside indicates flow.
5. When the sample run is complete record the final volume in US gallons or convert to L but indicate which unit you are reporting. Remove the cartridge from the housing, double bag it, and ship the filter with icepacks in a cooler to Hyperion Research Ltd. at the address above. Send paperwork in a separate plastic bag. **Information to preserve sample:** If samples are collected early in the day, chill samples by storing in a refrigerator between 1°C and 10°C or pre-icing the sample in a cooler. If the sample is pre-iced before shipping, replace with fresh ice immediately before shipment. If samples are collected later in the day, these samples may be chilled overnight in a refrigerator between 1°C and 10°C. This minimizes the potential for water samples collected during the summer to melt the ice in which they are packed and arrive at the laboratory > 0°C & < 20°C, with in 96 hours of sampling time.

6. Fill in sample report sheet with the following essential information: sample date, volume filtered, sample location, fax number for reporting results, name, address and telephone number of contact person.
7. **CAUTION:** Running dirty water through the meter may cause it to jam. Only run clean water through the unit to clean it. Warm, soapy water can be used to clean the filter housing.



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