



## WFA HIFLOW INLINE MAINS WATER FILTER SYSTEM

Model No. WFA HIFLOW

### Important Notice:

*Read this performance data sheet and compare the capabilities of this unit with your actual water treatment needs.*

### FEATURES:

- Finely polishes treated water to premium quality for drinking and cooking.
- Reduces chlorine taste and odour.
- Reduces dirt, rust, asbestos fibres and other particulates such as oxidized iron, manganese, and sulphides.
- Reduces parasitic protozoan cysts such as *Giardia*, *Entamoeba* and *Cryptosporidium*.
- Absorbs common earthy, mouldy, fishy tastes and odours.
- Reduces limescale build up in water using appliances.

### HEALTH CLAIM PERFORMANCE CLASSIFIED BY UL.

This system has been tested according to NSF/ANSI 42 and 53 for the reduction of the substances listed below

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53

| Substance                                   | Influent Challenge Concentration | Max. Permissible Product Water Concentration | Reduction Requirements | Minimum Reduction | Average Requirements |
|---|----------------------------------|--|------------------------|-------------------|----------------------|
| <b>Standard 42 - Aesthetic Effects</b>      |                                  |  |                        |                   |                      |
| Chlorine                                    | 2.0 mg/L $\pm$ 10%               |  | $\geq$ 50%             |                   | 98%                  |
| Particulate Class 1 particles 0.5 to < 1 um | at least 10,000 particles/mL     |  | $\geq$ 85%             |                   | 99.8%                |
| <b>Standard 53 - Health Effects</b>         |                                  |  |                        |                   |                      |
| Cyst  | Minimum 50,000/L                 |  | 99.95%                 | 99.99%            | 99.99%               |
| Lead 8.5                                    | 0.15 mg/L $\pm$ 10%              | 0.010 mg/L                                   |                        | 94.1%             | 97.2%                |
| Lead 6.5                                    | 0.15 mg/L $\pm$ 10%              | 0.010 mg/L                                   |                        | 98.9%             | 98.9%                |
| Turbidity                                   | 11 $\pm$ 1 NTU <sup>†</sup>      | 0.5 NTU 1                                    |                        | 98%               | 99%                  |

<sup>†</sup> NTU= Nephelometric Turbidity Units.

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**OPERATING SPECIFICATIONS:**

- Capacity: 11,355 litres
- Pressure Requirement: 10-125 psi (0.7 - 8.6 bar), non-shock.
- Temperature: 2-38° C
- Flow Rate: 8.3 litres per minute.

**GENERAL INSTALLATION / OPERATION/MAINTENANCE REQUIREMENTS:**

- Space required: 51cm x 13cm including 6cm of clear space for cartridge change.
- Install vertically or horizontally with stabilizing support bracket
- Flush new cartridge at full flow for 3 to 5 minutes until air is purged.
- Replace cartridges when capacity is reached, or when flow becomes too slow, but at least annually.

**SPECIAL NOTICES:**

- Installation instructions, parts and service availability, and standard warranty are included with the product when shipped.
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- Do not use with water that is microbiologically unsafe, or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.
- The contaminants or other substances removed or reduced by the water treatment system are not necessarily in your water.
- Check for compliance with state and local laws and regulations.
- Tested under sustained standard laboratory conditions, actual performance may vary.

System Tested and Classified by Underwriters Laboratories against NSF/ANSI Standards 42 and 53 as verified and substantiated by test data for the reduction of:

Std No 42 - Aesthetic effects

Chemical Reduction

Chlorine

Taste & Odour

Mechanical Filtration

Nominal Particulate Class1

Std No 53 - Health effects

Chemical Reduction

Lead

Mechanical Filtration

Cyst

Turbidity

