

## PERFORMANCE DATA SHEET

CLAROSWISS® F-series water filters  
170F, 1500F

### Substance reduction

The Water Filter models listed above are certified under AS 3497 and relevant NSF/ANSI 42 for reduction of chlorine. The performance of these products has been tested and verified on a representative model (ClaroSwiss 170 F) and substantiated as the test data summarized below indicates.

### Tested item: ClaroSwiss 170 F

| Substance | <sup>a</sup> NHMRC ADWG or<br><sup>b</sup> USEPA SDWA MCL | Average Influent<br>Concentration | NSF/ANSI influent<br>challenge<br>concentration | % reduction reqt/ max<br>permissible product<br>water concentration | Maximum Effluent<br>Concentration | Minimum Percent<br>Removal | Average Effluent<br>Concentration | Average Percent<br>Removal | Average Flow rate<br>liters per minute |
|-----------|---|-----------------------------------|---|---|-----------------------------------|----------------------------|-----------------------------------|----------------------------|--|
| Chlorine  | 0.6 mg/L  | 2.0 mg/L                          | 2.0 mg/L  | 50%   | 0.6 mg/L                          | 75.0%                      | 0.35 mg/L                         | 82.44%                     | 1.801                                  |

### Lab Testing Conditions:

|            |                       |   |
|------------|-----------------------|---|
| Flow Rate: | 2lpm (0.5gpm)         | Refer to your Owner's Guide for more specific product and warranty information and to avoid contamination from improper handling and installation. Performance will vary based on local water conditions. The substance reduced by this product is not necessarily in your water. |
| Pressure:  | 413.7kPa (60psi)      |   |
| pH:        | 7.5 ± 0.5             |   |
| Temp:      | 20 ± 3° C (68 ± 5° F) |   |

mg/L - milligrams per litre (1mg/L = 1 part per million)

<sup>a</sup> National Health and Medical Research Council Australian Drinking Water Guidelines

<sup>b</sup> United States Environmental Protection Agency (USEPA) Safe Drinking Water ACT.

These cartridges meet the domestic water treatment appliance Standard AS 3497 and NSF/ANSI 42 for the following water treatment processes:

| Category   | Treatment type                                 | Function  | Pass |
|------------|--|---|------|
| I          | Microbiological Status:<br>Bacteriostatic      | Will stop bacteria increasing, but will not remove them unless II(a) is passed  | N/A  |
| II / II(a) | Microbiological Treatment:<br>Bacteria Removal | Will remove or inactivate bacteria  | N/A  |
| II(b)      | Virus removal                                  | Will remove or inactivate viruses   | N/A  |
| II(c)      | Protozoa removal                               | Will remove or inactivate Cryptosporidium and Giardia. Will not remove or inactivate bacteria and viruses unless Class II(a) and II(b) are passed | N/A  |
| III        | Turbidity and particulate removal              | Reduces cloudiness  | N/A  |
| IV         | Taste and Odour reduction                      | Reduces tastes and odours   | PASS |
| V          | Chemical treatment                             | Decreases Chlorine  | PASS |

#### Guidelines for use

|  |  |
|--|--|
| <b>Minimum and Maximum operating temperature</b> | 4° - 30° C (39° F - 86° F)   |
| <b>Nominal flow rate</b>                         | 2L/min   |
| <b>Minimum and Maximum inlet water pressure</b>  | 2 - 8 bar (200 - 800kPa)   |
| <b>Replacement of filter cartridge</b>           | Recommendation for cartridge replacement: 6 month, latest 12 month after installation or earlier, if capacity is exhausted |

This system has to be installed according to local plumbing codes on the cold-water line

ACLARIS Water Filter cartridges are not covered by standard ACLARIS warranty as filter life may vary according to water quality and rate of use.

**CAUTION - DO NOT USE WITH WATER THAT IS MICROBIOLOGICAL UNSAFE OR WITH WATER OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM. SYSTEMS CERTIFIED FOR CYST REDUCTION MAY BE USED ON DISINFECTED WATER THAT MAY CONTAIN FILTERABLE CYSTS.**

#### Manufactured by:

##### Switzerland

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