

#### Billi 994054 - HSD Replacement Filter

This system has been tested according to NSF/ANSI Standard 42 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, specified in NSF/ANSI Standard 42

#### STANDARD 42 - AESTHETIC EFFECTS

Substance	Chlorine	Sediment
Average Influent Concentration	2.0 mg/L ±10%	33,700 Particles/mL
Influent Challenge Concentration	2 mg/L	at least 10,000 Particles/mL
Maximum Acceptable Value ‡	4 mg/L / 5mg/L	n/a
Reduction Requirements	≥50%	≥85%
Average Effluent Concentration	0.15 mg/L	348 Particles/mL
Average Reduction	92%	99.02%

Tested using flow rate = 3.8Lpm; pressure = 60 ±3 psig; PH = 7.5 ±0.5; temp. = 20°C ±3°C

‡ Tested by independent laboratories of IAPMO to international standard recognised by Australian WaterMark certification bodies.

#### GENERAL INSTALLATION / OPERATION / MAINTENANCE REQUIREMENTS

- Space required: 12.7 x 15.3 x 30 cm including 3.8 cm of clear space under unit for cartridge change.
- Install vertically with cartridge hanging down.
- Use minimum length of tubing possible.
- Flush new cartridge at full flow for two minutes to purge air.
- Replace cartridges when capacity is reached or when flow becomes too slow, but at least annually

This appliance meets the domestic water treatment appliance standards AS 3497 for the following water process:

Class	Treatment Type	Function	Pass
I	Microbiological Status Bacteriostatic	Will stop bacteria increasing, but will not remove unless II (a) is passed	N/A
II	Microbiological Treatment	Will remove or inactivate bacteria	N/A
II (a)	Bacteria Removal	Will remove or inactivate bacteria	N/A
II (b)	Virus Removal	Will remove or inactivate virus	N/A
II (c)	Protozoa Removal	<i>Cryptosporidium</i> and <i>Giardia</i> . Will not remove or inactivate bacteria unless II (a) and II (b) are passed	N/A
III	Particulate Reduction	Reduces cloudiness	✓
IV	Taste & Odour Reduction	Reduces taste and odours	✓
V	Chemical Treatment	Decreases certain chemicals: - Leads	✓

Legend: ✓= Pass, N/A = Not Applicable

#### OPERATING SPECIFICATIONS

- Capacity: 30,000L (7,925 gallons) Chlorine Reduction
- Pressure requirement: 80 - 860 kPa (11-125 psi), non-shock
- Temperature: 2-38°C (35-100°F)
- Flow Rate: 3.8 Lpm (1 gpm)

#### SPECIAL NOTICES

- Installation instructions, parts and service availability, and standard warranty are included with the product
- For replacement parts and service see your Billi dealer or call +61 3 9469 0400
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- Do not use with water that is micro-biologically unsafe or of unknown quality without adequate disinfection before or after the system
- The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water.
- Installation must comply with plumbing installation code AS/NZS35000
- Tested under standard laboratory conditions, actual performance may vary



LEAD FREE

AS 3497

WM-022902

Category III IV & V

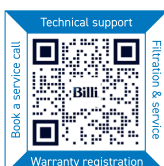
- Use of this system may increase the bacterial content of the water unless supplementary treatment is provided
- WARNING: FOR CORRECT OPERATION OF THIS APPLIANCE IT IS ESSENTIAL TO OBSERVE THE MANUFACTURER'S INSTRUCTIONS

Buyer

Date

Seller

Date



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Billi Australia Pty Ltd  
P 1800 812 321  
W www.billi.com.au

Billi New Zealand Ltd  
P 0800 636 0 636  
W www.billi.co.nz

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