

WARNINGS AND PRECAUTIONS

WARNING: For continued safety of this product, it must be installed, operated and maintained in accordance with the manufacturer's instructions.



Read this data sheet to compare the capabilities to your actual water treatment needs before purchasing.

When the filter is fitted to an appliance, please refer to the appliance owner's guide for more product specific information and advice on how to avoid contamination from improper handling and installation.

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

To reduce the risk associated with property damage due to water leakage:

- Do not expose filters to the elements of nature. This product is designed for indoor use only.
- Do not install where exposed to direct sunlight or temperatures below 35°F / 2°C or greater than 100°F / 38°C. To protect from freezing, remove filter cartridge when temperatures are expected to drop below 39°F / 4°C.

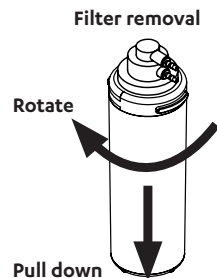


Certified by IAPMO R&T against NSF/ANSI 42 and 53 for the reduction of claims as applicable and specified on the 91240NZ filter performance data sheets.

Instructions: Filter cartridge replacement

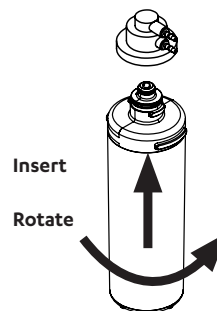
91240NZ

0.5 MICRON WATER FILTER



Filter removal

Filter insertion



1. Turn OFF the water supply.
2. Relieve the system pressure by dispensing some water.
3. Place an absorbent cloth or towel under the cartridge to catch water that may spill.
4. Grasp the filter cartridge and rotate it a quarter-turn to the left. Gently pull down.
5. Unpack the replacement cartridge. Avoid touching the filter O-rings and filter opening as this may cause bacterial contamination of the cartridge. Remove its sanitary cap and write today's date where shown on the label.
6. Moisten the O-rings with water.
7. Align the key tabs and insert the new cartridge upwards into the filter head.
8. Turn the cartridge to the right until the cartridge locks into place.
9. Turn the water ON and check for leaks.
10. Wipe up any spills and dispose of the spent filter cartridge and packaging thoughtfully.

91240NZ Performance Data Sheet: Reduction Info

Zenith 91240NZ cartridge tested in 0.5 Micron system according to NSF/ANSI 42 & 53 for the reduction of 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 & 53. The Zenith 91240NZ cartridge has been tested and certified under AS/NZS 3497 and the performance of this product has been verified and substantiated as the test data summarised below indicates. These substances may not be in your water.

Substance	*NHMRC ADWC or ^b USEPA SDWA MCL	Average influent concentration	NSF/ANSI influent challenge concentration	% reduction req ^t / Max. permissible product water concentration	Maximum effluent concentration	Minimum % reduction	Average % removal	Average effluent concentration
NSF/ANSI 42 – Aesthetic Effects								
Chlorine	0.6 mg/L	1.98 mg/L	2.0 mg/L ± 10%	≥ 50%	0.09 mg/L	95%	97.15%	0.06 mg/L
Nominal Particulate Reduction, Class I (≥ 0.5 µm to < 1 µm)	-	383 333 particles/mL	At least 10000 particles/mL	≥ 85%	2500 particles/mL	99.31%	99.56%	1683 particles/mL
NSF/ANSI 53 – Health Effects								
Cysts (3-4 micron particles)	99.5% reduction	307 500 Oocysts/L	Minimum 50000 Oocysts/L	99.95%	67 Oocysts/L	99.98%	99.99%	37.3 Oocysts/L
Asbestos	7MFL	13.3 MFL	10 ⁷ to 10 ⁸ fibres/L; fibres greater than 10 µm in length	99%	4760 fibres/L	99.96%	99.98%	2890 fibres/L

MCL—Maximum Contaminant Level

MFL—million fibres per litre

Cysts—Cryptosporidium, Giardia Lamblia, Entamoeba Histolytica

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

^a National Health and Medical Research Council Australian Drinking Water Guidelines

^b United States Environmental Protection Agency (USEPA) Safe Drinking Water ACT.

Testing performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge Model Number: Zenith 91240NZ

Lab testing conditions:

- pH 7.5 ± 0.5
- temperature 20 ± 2.5 °C (68 ± 5 °F)
- pressure 60 ± 3 psi (4.1 ± 0.2 bar)
- flow rate 0.5 gpm (1.9 lpm) [chlorine reduction]; 0.5 gpm (1.9 lpm) [mechanical reduction]

Use guidelines:

Nominal flow rate: 0.5 gpm

Rated capacity: 1500 gallons

Min/Max working pressure: 10 psi / 125 psi (0.7 bar / 8.6 bar; 70 kPa / 860 kPa)

Min/Max operating temperature: 35°F / 100°F (2°C / 38°C)

91240NZ Performance Data Sheet: Reduction Info (contd.)

This cartridge meets the domestic water treatment appliance Standard AS/NZS 3497 and NSF/ANSI Standards 42 & 53 for the following water treatment processes:

Class	Treatment type	Function	Pass
I	Microbiological Status: Bacteriostatic	Will stop bacteria increasing, but will not remove them unless II(a) is passed	N/A
II	Microbiological Treatment: 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	PASS
III	Turbidity and particulate removal	Reduces cloudiness	PASS
IV	Taste and Odour reduction	Reduces tastes and odours	PASS
V	Chemical treatment	Decreases certain chemicals	N/A

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

Performance will vary based on local water conditions.

The substances reduced by this product are not necessarily in your water.

This product requires regular replacement to maintain proper operation. Varying chlorine, sediment, or organic substance levels may affect replacement frequency.

This product has to be installed according to local plumbing code on the cold-water line.

Do not allow exposure to temperatures below 35°F / 2°C.

Be sure to change the filter cartridge at least every 1500 gallons or annually, whichever occurs first; or when you detect a change in taste or odour, or a decrease in flow. 1500 gal is approximately equal to using 4 gal daily for one year.

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.

Distributed by:

Zenith Heaters: 18 Kawakawa Place, Westgate, Auckland 0814, New Zealand

Telephone: +(64 9) 838 8612

Manufactured by:

Paragon Water Systems, Inc.; 13805 Monroes Business Park, Tampa, FL, USA.

Signature: Buyer

Signature: Seller

Date

Date

