

Performance Data Sheet

Refrigerator Water Filter Models: EQW-3

Substance	Inf. Average	NSF Specified Challenge Concentration	Ave. % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	Test Report
Chlorine	2.1 mg/L	2.0 mg/L ± 10%	97.0%	0.063 mg/L	N/A	≥50%	J-00295502
Benzene	15 ug/L	15 ug/L ± 10%	96.6%	0.5 ug/L	0.5 ug/L	N/A	J-00268283
Carbofuran	73 ug/L	73 ug/L ± 10%	98.4%	2 ug/L	40 ug/L	N/A	J-00268284
Lead (pH 8.5)	140 ug/L	140 ug/L ± 10%	99.6%	0.5 ug/L	10 ug/L	N/A	J-00268279
Lead (pH 6.5)	140 ug/L	140 ug/L ± 10%	99.6%	0.5 ug/L	10 ug/L	N/A	J-00268280
Cyst	120,000	minimum 50000	>99.99%	1 oocysts/L	N/A	≥99.95%	J-00263594
Endrin	6 ug/L	6 ug/L ± 10%	93.6%	0.3 ug/L	2 ug/L	N/A	J-00296278
Mercury (pH 8.5)	6 ug/L	6 ug/L ± 10%	92.3%	0.5 ug/L	2 ug/L	N/A	J-00326152
Mercury (pH 6.5)	6 ug/L	6 ug/L ± 10%	93.8%	0.3 ug/L	2 ug/L	N/A	J-00268282
1, 2, 4-Trichlorobenzene	0.21 mg/L	0.21 ± 10% mg/L	>97.7%	0.005 mg/L	0.07 mg/L	N/A	3321-22004
p-dichlorobenzene	0.225 mg/L	0.225 ± 10% mg/L	>98.6%	0.003 mg/L	0.075 mg/L	N/A	3321-22005
Tetrachloroethylene	0.015 mg/L	0.015 ± 10% mg/L	0.9935	0.0001 mg/L	0.005 mg/L	N/A	22-186-2-Tetrachloroethylene
o-Dichlorobenzene	1.8 mg/L	1.8 ± 10% mg/L	0.9999	0.0002 mg/L	0.6 mg/L	N/A	22-186-1
Carbon Tetrachloride	0.015 mg/L	0.015 ± 10% mg/L	0.9664	0.0005 mg/L	0.005 mg/L	N/A	22-224-Carbon Tetrachloride
Ethylbenzene	2.1 mg/L	2.1 ± 10% mg/L	0.9959	0.0086 mg/L	0.7 mg/L	N/A	22-224-Ethylbenzene
2,4 D	0.21 mg/L	0.21 ± 10% mg/L	0.998	0.00042 mg/L	0.07 mg/L	N/A	22-224-2,4 D
Toxaphene	0.015 mg/L	0.015 ± 10% mg/L	0.9787	0.0003 mg/L	0.003 mg/L	N/A	22-224-Toxaphene
Lindane	0.002 mg/L	0.002 ± 10% mg/L	0.9527	0.0001 mg/L	0.0002 mg/L	N/A	22-224-Lindan
MTBE	0.015 mg/L	0.015 ± 20% mg/L	98,64%	0.0002 mg/L	0.005 mg/L	N/A	22-224-MTBE
Atrazine	0.009 mg/L	0.009 ± 10% mg/L	0.989	0.0001 mg/L	0.003 mg/L	N/A	22-224-Atrazin
Phenytoin	0.21 ug/L	0.2 ug/L ± 20%	0.952	10 ng/L	30 ng/L	N/A	J-00268287
Ibuprofen	0.42 ug/L	0.42 ug/L ± 20%	94.4%	22 ng/L	60 ng/L	N/A	J-00268287
Naproxen	0.13 ug/L	0.14 ug/L ± 20%	96.2%	5 ng/L	20 ng/L	N/A	J-00268287
Estrone	0.15 ug/L	0.14 ug/L ± 20%	96.6%	5 ng/L	20 ng/L	N/A	J-00268287
Bisphenol A	2.5 ug/L	2 ug/L ± 20%	99.2%	20 ng/L	300 ng/L	N/A	J-00268287
Nonyl phenol	1.8 ug/L	1.4 ug/L ± 20%	97.2%	50 ng/L	200 ng/L	N/A	J-00268287
Trimethoprim	140 ng/L	140 ng/L ± 20%	>99%	1.4 ng/L	20 ng/L	N/A	22-186-Group 1
Carbamazepine	1400 ng/L	1400 ng/L ± 20%	>99%	14 ng/L	200 ng/L	N/A	22-186-Group 1
Atenolol	200 ng/L	200 ng/L ± 20%	>99%	2 ng/L	30 ng/L	N/A	22-186-Group 1
Meprobamate	400 ng/L	400 ng/L ± 20%	>99%	4 ng/L	60 ng/L	N/A	22-186-Group 1
DEET	1400 ng/L	1400 ng/L ± 20%	0.9691	44 ng/L	200 ng/L	N/A	22-186-Group 1
Metolachlor	1400 ng/L	1400 ng/L ± 20%	>99%	14 ng/L	200 ng/L	N/A	22-186-Group 1
Linuron	140 ng/L	140 ng/L ± 20%	>99%	1.4 ng/L	20 ng/L	N/A	22-186-Group 1
TCEP	5000 ng/L	5000 ng/L ± 20%	0.9784	108 ng/L	700 ng/L	N/A	22-241- Group 2
TCEP	5000 ng/L	5000 ng/L ± 20%	0.9625	188 ng/L	700 ng/L	N/A	22-241- Group 2

FILTER SPECIFICATIONS

Flow Rate:	0.5 gpm / 1.9 lpm
Operating Temperature:	33 - 100°F (0.6°C - 38°C)
Operating Pressure:	20 psi (140 kPa) - 100 psi (689 kPa)
Capacity:	300 gallons (1,136 L) or six months

Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts. The system conforms to NSF/ANSI 42, 53, 372, 401, for the specific performance claims as verified and substantiated by test data. Note: Testing was performed under standard laboratory conditions, actual performance may vary.

System to be used with municipal or well water sources treated and tested on regular basis to ensure bacteriological safe quality. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. Manufactured by Qingdao Ecopure Filter Co.,Ltd Qingdao China



Certified by IAPMO R&T against NSF/ANSI 42, 53 & 401 in Model EQW-3 for the reduction of the claims specified on the Performance Data Sheet, and NSF/ANSI 372 (≤0.25% lead).

Certificado por IAPMO R&T conforme a las normas NSF/ANSI 42, 53 y 401 en el modelo EQW-3 para la reducción de las reclamaciones especificadas en la hoja de datos de rendimiento, y a NSF/ANSI 372 (≤0.25% de plomo).

The compounds under NSF/ANSI 401 have been deemed as 'incidental contaminants / emerging compounds'.

Limited Warranty: This filter hereunder shall be free from material defects in material and workmanship for a period of one (1) year from the date of purchase. To reduce the risk of property damage due to water leakage, this filter MUST be installed in accordance with the manufacturer's specifications and installations. This filter unit must be replaced every 6 months, at the rated capacity, or sooner if reduced water flow occurs. Protect form freezing. Failure to follow instructions and operating specifications will void your warranty. Further, manufacturer assumes no responsibility or liability for damages arising out of misuse of the product.