

# MISCEA COLDSTREAM MAX FILTER

## CERAMIC WATER PURIFIER

### PRODUCT DESCRIPTION

The miscea Coldstream Filter System is an inline water filter system that consists of a ceramic water purifier cartridge encased in a stylish, high-quality, stainless steel housing. It is a single stage water filter that is installed directly under the sink and can be connected to your miscea sensor faucet system for clean, safe, and healthy water. Using 3 layers of filtration in a single cartridge, the miscea Coldstream Max Filter effectively and simultaneously **protects against over 70 known water contaminants**.

### BENEFITS

- For great tasting, safe drinking water
- Healthy salts and electrolytes stay in the water
- Maximum protection against water pollutants
- Filter replacement indicator

### TESTING STANDARDS

Testing performed under NSF/ANSI standards 42, 53 and P231 by Envirotek Inc, New Jersey USA, EPA ID # NJ01298 NJ DEP ID # 03048 IAPMO ID #102, in compliance with all requirements set forth in N.J.A.C. 7:9E and N.J.A.C. 7:18. Their laboratory is in compliance with all laboratory certification, quality control procedures and requirements as set forth in N.J.A.C. 7:18; the NYCRR Subpart 55-2, the National Environmental Laboratory Accreditation Conference (NELAC) Institute Standards and the ISO 17025.

The purifier has been tested using a Coldstream System to NSF/ANSI standards 42, 53 and P231 for the reduction of the substances listed. The concentration reduction of substances in the water was reduced to less than or equal to the limit for water leaving the system as specified in NSF/ANSI standards 42, 53 and P231.

### TECHNICAL SPECIFICATIONS

miscea Coldstream Filter System			
Operating Pressure Range	Rated Capacity	Operating Temperature Range	Rated Flow
0.6 – 8.6 bar	6000L	5°C – 70°C	2.5L/min
Please change the filter cartridge every 6 months.			



### BACTERIA

Microbial Contaminant	Influent Challenge (µg/L)	Reduction Requirement (%)	Reduction (%) at 3000L	Reduction (%) at 4500L
Klebsiella terrigena	1.228128x108 CFU/L	99.9999	>99.9999	99.9999
Cryptosporidium spp.	1.105220x106 oocysts/L	99.99	>99.99	99.99



### VIRUS

Viral Contaminant	Influent Challenge (µg/L)	Reduction Requirement (%)	Reduction (%) at 3000L	Reduction (%) at 4500L
Rotavirus spp.	1.210461x107 PFU/L	99.99	>99.99	99.99



CHEMICALS

Inorganic Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	4000L		6000L		8000L	
			Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Chlorine (free)	2150	4000	<100	>99.9	<100	>99.9	<100	>99.9
Chloramine	3100	-	<100	>99.9	<100	>99.9	<100	>99.9
Chloride	820000	-	28000	96.6	35000	95.7	38000	95.4
Nitrate	27000	10000	1200	95.6	2300	91.5	3100	88.5
Nitrite	3000	1000	<10	>99.9	<10	>99.9	<10	>99.9

Volatile Organic Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	Reduction Req. (%)	4000L		6000L		8000L	
				Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Chloromethane	52.32	30	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Vinylchloride	43.23	2	-	<0.1	>99.8	2.1	95.2	4.5	89.5
Bromomethane	22.53	10	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chloroethane	28.16	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Trichlorofluoromethane	28.13	2000	-	<0.1	>99.6	<0.1	>99.6	0.9	96.8
1,1-dichloroethene	77.88	7	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Methylene chloride	18.02	5	-	<0.1	>99.4	0.9	95.1	2.8	84.7
trans-1,2- dichloroethene	78.04	100	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
MTBE	15.04	-	-	<0.1	>99.3	<0.1	>99.3	0.1	99.3
1,1-dichloroethane	92.18	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
cis-1,2-dichloroethene	181.20	70	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,2-dichloropropane	10.20	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bromochloromethane	79.98	90	-	<0.1	>99.9	0.6	99.2	1.4	98.3
Chloroform	115.72	20	-	<0.1	>99.9	3.3	97.2	15.0	87.0
Carbon tetrachloride	88.50	5	98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,1,1-trichloroethane	84.48	200	95	<0.1	>99.9	0.6	>99.9	0.9	>99.9
1,1-dichloropropene	8.86	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Benzene	80.50	5	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2-dichloroethane	88.25	5	>95	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Trichloroethene	180.00	5	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dibromomethane	18.05	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2-dichloropropane	80.10	-	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bromodichloromethane	114.00	20	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
cis-1,3-dichloropropene	79.50	2	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Toluene	78.30	1000	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
trans-1,3- dichloropropene	79.95	2	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Tetrachloroethene	85.60	5	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,1,2-trichloroethane	110.20	5	>99	<0.1	>99.9	0.6	99.5	0.9	99.2



CHEMICALS CONT.

Volatile Organic Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	Reduction Req. (%)	4000L		6000L		8000L	
				Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Chlorodibromomethane	110.52	20	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,3-dichloropropane	92.26	-	-	<0.1	>99.9	0.7	99.3	<0.1	>99.9
Ethylbenzene	88.20	700	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chlorobenzene	77.20	100	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
o-xylene	40.20	-	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Styrene	150.00	100	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bromoform	111.92	20	-	<0.1	>99.9	0.6	99.5	0.9	99.2
Isopropylbenzene	6.78	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
n-propylbenzene	9.37	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bromobenzene	12.58	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
"1,1,2,2-tetrachloroethane"	81.20	2	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,3,5-trimethylbenzene	9.40	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2-chlorotoluene	10.08	100	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2,3-trichloropropane	19.21	40	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
4-chlorotoluene	10.90	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
tert-butylbenzene	10.14	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2,4-trimethylbenzene	9.89	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
sec-butylbenzene	7.85	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
4-isopropyltoluene	10.30	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,3-dichlorobenzene	40.20	600	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,4-dichlorobenzene	40.20	75	>98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
n-butylbenzene	10.50	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2-dichlorobenzene	80.20	-	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Hexachlorobutadiene	440.90	-	>98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2,4-trichlorobenzene	13.70	70	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Naphthalene	160.20	400	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2,3-trichlorobenzene	14.20	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Ethylene dibromide (EDB)	44.80	0.2	>99	<0.1	>99.9	0.6	98.6	<0.1	>99.9
m & p-xylene	80.33	-	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2-dibromo-3- chloropropane	50.40	0.2	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bromoacetonitrile	22.00	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dibromoacetonitrile	24.60	-	98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dichloroacetonitrile	9.90	-	98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Trichloroacetonitrile	15.00	-	98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,1-dichloro-2- propanone	7.80	-	99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,1,1-trichloro-2- propanone	14.30	-	96	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Total trihalomethanes	452.16	80	95	<0.1	>99.9	3.8	99.2	15.9	96.5



## CHEMICALS CONT.

Semi-Volatile Organic Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	Reduction Req. (%)	4000L		6000L		8000L	
				Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Acenaphthylene	49.0	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Anthracene	49.8	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Benzo[a]anthracene	50.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Benzo[b]fluoranthene	52.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Benzo[k]fluoranthene	52.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Benzo[a]pyrene	50.6	2	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Benzo[g,h,i]perylene	50.7	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Butylbenzylphthalate	50.9	1000	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chrysene	50.3	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dibenzo[a,h]anthracene	50.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Di-n-butylphthalate	50.4	700	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Di(2-ethylhexyl) phthalate	52.0	6	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dimethylphthalate	50.9	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Fluorene	47.9	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Hexachlorobenzene	50.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Hexachlorocyclopenta-diene	50.7	-	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Isophorone	50.0	400	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Pentachlorophenol	50.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Phenanthrene	49.9	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
N-nitrosodimethylamine	50.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Phenol	50.9	2000	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bis(2-chloroethyl)ether	49.5	0.3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2-chlorophenol	50.9	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,3-dichlorobenzene	50.4	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,4-dichlorobenzene	49.5	-	>98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
1,2-dichlorobenzene	50.4	600	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
"2,2-oxybis (1-chloropropane)"	49.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Hexachloroethane	49.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
N-nitroso-di-n-propylamine	49.5	0.05	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Nitrobenzene	48.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2-nitrophenol	49.8	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,2-dimethylphenol	48.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bis(2-chloroethoxy) methane	50.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,4-dichlorophenol	48.4	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9



CHEMICALS CONT.

Semi-Volatile Organic Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	Reduction Req. (%)	4000L		6000L		8000L	
				Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
1,2,4-trichlorobenzene	48.8	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Napthalene	48.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Hexachlorobutadiene	52.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
4-chloro-3- methylphenol	49.1	700	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,4,6-trichlorophenol	50.0	5	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2-chloronaphthalene	50.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,6-dinitrotoluene	46.6	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Acenaphthene	52.0	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,4-dinitrophenol	50.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,4-dinitrotoluene	49.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
4-nitrotoluene	47.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
4-chlorophenyl phenyl ether	49.8	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Diethylphthalate	49.2	6000	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dinitro-o-cresol	48.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Diphenylamine	51.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
4-bromophenyl phenyl ether	46.8	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Hexachlorobenzene	46.8	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Fluoranthene	50.4	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Pyrene	49.7	3	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Di-n-octyl phthalate	53.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Indeno(1,2,3-cd)pyrene	50.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dalapon	270.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
3,5-dichlorobenzoic	25.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9



HEAVY METALS

Metal Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	4000L		6000L		8000L	
			Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Aluminium	3185.0	500	<1	>99.9	18.4	99.4	24.4	99.2
Antimony	6.1	6	<1	>99.9	<1	>99.9	<1	>99.9
Arsenic (3+)	51.5	10	5.4	89.5	10.2	80.2	11.2	78.3
Arsenic (5+)	50.2	10	3.1	93.8	8.7	82.7	10.8	78.5
Barium	10150.0	2000	5.4	>99.9	14.7	99.9	28.6	99.7
Beryllium	50.3	4	<1	>99.9	<1	>99.9	<1	>99.9
Bismuth	50.2	100	<1	>99.9	<1	>99.9	<1	>99.9
Cadmium	30.2	5	<1	>99.9	<1	>99.9	<1	>99.9
Chromium	304.0	10	<1	>99.7	7.6	97.5	12.3	96.0
Copper	3059.0	1300	22.1	99.3	49.6	98.4	66.8	97.8
Iron	3010.0	-	96.2	96.8	164.0	94.6	180.0	94.0
Lead	152.0	10	<1	>99.9	<1	>99.9	<1	>99.9
Manganese	1004.0	300	<1	>99.9	<1	>99.9	<1	>99.9
Mercury	6.1	2	<1	>99.9	<1	>99.9	<1	>99.9
Nickel	102.0	100	3.8	96.3	27.8	72.7	55.7	45.4
Selenium	104.0	50	<1	>99.9	<1	>99.9	<1	>99.9
Silver	131.0	100	<1	>99.9	<1	>99.9	<1	>99.9
Thallium	6.0	2	<1	>99.9	<1	>99.9	<1	>99.9
Zinc	10160.0	3000	56.7	99.4	115.0	98.9	172.0	98.3

**Arsenic reduction:** This purifier has been tested for the treatment of water containing pentavalent arsenic (also known as As(V), As(5+)) or arsenate (also known as As(3+)) at concentrations of 0.050 mg/L. This system reduces pentavalent arsenic, but may not reduce other forms of arsenic. This system is to be used on water supplies containing detectable free chlorine or on water supplies that have been demonstrated to contain only a pentavalent arsenic. Treatment with chloramine (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic.



PESTICIDES & HERBICIDES

Pesticide/Herbicide Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	Reduction Req. (%)	4000L		6000L		8000L	
				Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Alachlor	503.0	2	>98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Aldrin	46.8	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Alpha-BHC	48.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Atrazine	101.5	3	>97	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Beta-BHC	48.9	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bromacil	50.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Carbofuran	80.2	40	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chlorneb	50.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chlorothalonil	51.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chlorprophane	52.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chlorpyrifos	50.6	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Cyanazine	50.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Delta-BHC	50.4	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dichlorvos	52.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dieldrin	47.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Diphenamid	51.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Disulfoton	50.9	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Endosulfan sulfate	51.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Endrin	62.7	2	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Endrin aldehyde	45.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Endrin ketone	48.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Endosulfan I	42.9	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Endosulfan II	31.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Ethoprop	49.8	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Femaniphos	52.0	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Fenarimol	0.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Fluoridone	50.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Gamma-BHC (Lindane)	50.3	0.2	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Heptachlor	48.6	0.4	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Heptachlor epoxide	50.5	0.2	>98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Methoxychlor	50.1	40	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Molinate	51.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Propachlor	51.2	-	-	<0.1	>99.8	<0.1	>99.8	0.32	99.4
Simazine	50.0	4	>97	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9



**PESTICIDES & HERBICIDES CONT.**

Pesticide/Herbicide Contaminant	Influent Challenge (µg/L)	Allowable Conc. (µg/L)	Reduction Req. (%)	4000L		6000L		8000L	
				Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Toxaphene	15.2	70	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dicamba	150.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dinoseb	50.3	7	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Dichlorprop	150.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,4-D	50.1	70	>98	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Pentachlorophenol	22.3	1	>99	<0.1	>99.6	<0.1	>99.6	0.5	97.8
2,4,5-T	150.6	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,4,5-TP (Silvex)	20.2	50	>99	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
2,4-DB	30.1	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Bentazon	40.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
DCPA	42.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Quinclorac	41.8	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Acifluoren	42.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Metribuzin	51.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Metolachlor	50.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Butylate	44.3	-	-	<0.1	>99.8	<0.1	>99.8	2.46	94.4
Trans-chlordane (Nonachlor)	51.5	2	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Butachlor	50.3	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Cis-chlordane	50.8	2	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
p,p-DDE	56.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
p,p-DDD	44.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
p,p-DDT	60.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
PCBs	10.1	0.5	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Hexachlorocyclopentadiene	54.9	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Chloramben	30.5	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Picloram	41.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9
Glyphosate	804.2	-	-	<0.1	>99.9	<0.1	>99.9	<0.1	>99.9



**PARTICLES**

99.9% removal of particle reduction class 1, including microplastics.



**SCALE INHIBITOR**

The Coldstream Max S<sup>®</sup> purifier utilises a proprietary scale inhibiting ionic exchange resin to effectively inhibit scale when used in hard water areas\*

\*Performance may vary depending upon influent water quality





PHARMACEUTICALS

Pharmaceutical Contaminant	Influent Challenge (ng/L)	Reduction Req. (%)	4000L		6000L		8000L	
			Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)	Effluent Conc. (µg/L)	Reduction (%)
Biphenol A	2.05	<0.02	>99	<0.02	>99	0.10	95.1	>99.9
Ibuprofen	0.45	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Trimethoprim	2.20	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Naproxen	0.21	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Acetaminophen	2.42	<0.02	>99.2	<0.02	>99.2	0.20	91.7	>99.9
Ciprofloxacin	2.60	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Sulfamethoxazole	1.95	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
17-beta-Estradiol	1.99	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Caffeine	1.82	<0.02	>98.9	<0.02	>98.9	0.04	97.8	>99.9
Fluoxetine	1.91	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Gemfibrozil	1.92	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Triclosan	1.24	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Estrone	0.23	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Dichlofenac Sodium	1.90	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Primidone	1.97	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Carbamazepine	1.43	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Testosterone	1.44	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
Progesterone	2.08	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
4-tert-Octylphenol	2.05	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
17-alpha-Ethynylestradiol	2.14	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9
4-para-Nonylphenol	2.28	<0.02	>99.9	<0.02	>99.9	<0.02	>99.9	>99.9

TESTING INFORMATION

- Purifier usage must comply with all state and local laws.
- Testing was performed under standard laboratory conditions, actual performance may vary.
- Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.
- See owner's manual for general installation conditions and needs, plus manufacturer's limited warranty.
- This water purifier is not intended to convert waste water or raw sewage into drinking water.
- All contaminants reduced by this purifier are listed.
- Not all contaminants listed may be present in your water.

*Envirotek*<sup>TM</sup>  
Independently Tested and Certified  
by Envirotek Inc

Coldstream® Filters are independently tested and certified to the following:  
NSF/ANSI 42 Aesthetic Effects  
NSF/ANSI 53 Health Effects  
NSF - P231 Microbiological Water Purifiers  
See KLT Filtration Ltd lab reports for more detail

**GOLD SEAL CERTIFIED**

Manufactured by: KLT Filtration Ltd, Estuary Road, King's Lynn, Norfolk, PE30 2HS, UK. +44 1553 622000