



## GHT-5 FILTER UNITS CONTAMINANTS REMOVAL

**VIRUSES > 99.999% (5 Log) – Exceeds Purification Standard (4 Log)** → MS2 Coliphage, Fr Coliphage

**PATHOGENIC BACTERIA SURROGATE >99.9999% - Exceeds Purification Standard (6 Log)** → Raoultella terrigena

**TRIALOMETHANES Removed to >99.8% (Below Lab Detectable Limits)** → Bromodichloromethane, Bromoform, Chloroform & Dibromochloromethane

**INORGANIC MINERALS – Removed to Below Lab Detectable Limits** → Chlorine Residual (Total Residual Chlorine)

**VOLATILE ORGANIC COMPOUNDS (VOC's) Removed to Below Laboratory Detectable Limits** →

1,1,1,2-Tetrachloroethane;	4-Methyl-2-pentanone;	gamma-Chlorodane; Glyphosate;
1,1,1-Trichloroethane (TCA);	4-Nitrophenol;	Halo acidic Acids (HAA5); Heptachlor;
1,1,2,2-Tetrachloroethane;	5-Hydroxydicamba;	Heptachlor Epoxide; Hexachlorobenzene;
1,1,2-Trichloroethane;	Acetone; Acifluorfen; Alachlor; Aldicarb;	Hexachlorobutadiene (CCC);
1,1,2-Trichlorotrifluoroethane;	Aldicarb Sulfone; Aldicarb Sulfoxide;	Hexachlorocyclopentadiene; Hexazinone;
1,1-Dichloroethane (1,1-DCA);	Aldrin; alpha-Chlorodane; Ametryn;	Isopropylbenzene (Cumene);
1,1-Dichloroethylene (1,1-DCE);	Aroclor (1016; 1221; 1232; 1242;	Lindane (Gamma-BHC);
1,1-Dichloropropene;	1248;1254; 1260); Atraton; Atrazine;	Merphos; Methiocarb; Methomyl;
1,2,3-Trichlorobenzene;	Baygon; Bentazon; Benzene; Bromacil;	Methoxychlor; Methyl Paraoxon; Methyl
1,2,3-Trichloropropane;	Bromoacetic Acid; Bromobenzene;	tert-Butyl Ether (MTBE); Metolachlor;
1,2,4-Trichlorobenzene;	Bromochloromethane;	Metribuzin; Mevinphos; MGK 264;
1,2,4-Trimethylbenzene;	Bromodichloromethane; Bromomethane;	Molinate; Monochlorobenzene; m-
1,2-Dibromo-3-chloropropane (DBCP);	Bromoform; Butachlor; Butylate;	Xylenes;
1,2-Dibromoethane;	Carbaryl; Carbofuran; Carbon	Naphthalene; Napropamide; n-
1,2-Dichloro-1,1,2-trifluoroethane (CFC	Tetrachloride; Carboxin; Chloramben;	Butylbenzene; Norflurazon; n-
123a);	Chlordane; Chloroacetic Acid;	Propylbenzene;
1,2-Dichlorobenzene;	Chlorobenzene; Chloroethane;	Oxamyl; o-Xylene;
1,2-Dichlorobenzene-d4;	Chloroform; Chloromethane;	Pebulate; Pentachlorophenol; Picloram;
1,2-Dichloroethane;	Chlorpropham; cis-1,2-Dichloroethylene;	Prometon; Prometryn; Pronamide;
1,2-Dichloropropane;	cis-1,3-Dichloropropene; cis-Nonachlor;	Propazine; p-Xylenes;
1,3,5-Trimethylbenzene;	Cycloate;	sec-Butylbenzene; Simazine; Simetryn;
1,3-Dichlorobenzene;	Dachtal Acid; Dalapon; Diazinona;	Stiropos; Styrene;
1,3-Dichloropropene;	Dichloroacetic Acid;	Tebuthiuron; Terbacil; Terbufos;
1,4-Dichlorobenzene;	Dibromochloromethane;	Terbutryn; tert-Butylbenzene;
2,2-Dichloropropane;	Dibromochloropropane (DBCP);	Tetrachloroethylene (PCE);
2,4,5-T; 2,4,5-TP (Silvex);	Dibromomethane; Dicamba;	Tetrahydrofuran (THF); Thiobencarb;
2,4-D; 2,4-DB;	Dichloroacetic Acid;	Toluene; Toxaphene; trans-1,2-
2-Butanone (MEK);	Dichlorodifluoromethane (CFC 12);	Dichloroethylene; trans-1,3-
2-Chlorotoluene;	Dichloromethane; Dichlorvos; Diclorprop;	Dichloropropene; trans-Nonachlor;
2-Hexanone;	Dieldrin; Dinoseb; Diphenamid;	Triademefon; Tribromoacetic Acid;
2-Methyl-2-propanol;	Disulfoton; Disulfoton Sulfone; Disulfoton	Trichloroacetic Acid; Trichloroethene
3,5-Dichlorobenzoic Acid;	Sulfoxidea;	(TCE); Trichloroethylene;
3-Hydroxycarbofuran;	Endrin; EPTC; Ethoprop; Ethylbenzene;	Trichlorofluoromethane (CFC 11);
4-Bromofluorobenzene;	Ethylene Dibromide (EDB);	Tricyclazole;
4-Chlorotoluene;	Fenamiphos; Fenarimol; Fluorobenzene;	Vernolate; Vinyl Chloride
4-Isopropyltoluene;	Fluridone;	

**HEAVY METALS** → Aluminum (>75%), Antimony (>97.5%), Barium (>80%), Cadmium (>99.5%), Cobalt (>95%), Chromium (>95%), Chromium 6 (>99.85%), Copper (>95%), Lead (>97.5%), Mercury (98%), Molybdenum (>90%), Nickel (>95%), Vanadium (>87.5%)

**ALSO REMOVES OR REDUCES** → Arsenic (>99%), MBAS (>96.67%), Nitrites (>95%), Selenium (>97.5%), Thallium (>99.5%), Rust, Silt, Sediment, Turbidity, Foul Taste and Odors

For additional information about our systems, please visit our website.

For THM's, VOC's Chlorine Residual & Heavy Metals, reduction exceeded laboratory detection limits.