VC1

Chemical Reduction Filter Cartridge

Rainfresh VC1 filter cartridge is a high performance activated carbon filters designed to reduce Volatile Organic Compounds (VOC), Trihalomethanes (THM), and chlorine from potable water. It is also highly effective in improving water taste and odour

VC1 cartridge is made from high quality activated carbon constructed in a proprietary compact style to deliver high adsorption performance and excellent contaminant removal characteristics.

FEATURES

- Made of high quality activated carbon with proprietary media
- Block construction maximizes performance
- Highly effective (> 99%) in reduction of VOC and chlorine, taste/ odour up to 600 US Gal (2,271 litres)
- 1µ nominal particulate reduction
- Universal fit – can be used with most standard 10" filter housings[v]

TESTING AND CERTIFICATION

VC1 has been tested and certified by CSA International to NSF/ANSI 53 for reduction of VOC & cysts, and to NSF/ANSI 42 for reduction of chlorine, taste and odour.

Drinking Water
NSF/ANSI 42, 53

VOC reduction means that the system reduces the concentration of all the contaminants listed below by > 95%.

alachlor	1,2-dichloroethane	1,1,2,2,-tetrachloroethane	tetrachloroethylene
atrazine	1,1-dichloroethylene	heptachlor (H-34, Heptox)	toluene
benzene	cis-1,2-dichloroethylene	heptachlor epoxide	2,4,5-TP (silvex)
carbofuran	trans-1,2-dichloroethylene	hexachlorobutadiene	tribromoacetic acid
carbon tetrachloride	1,2-dichloropropane	hexachlorocyclopentadiene	1,2,4-trichlorobenzene
chlorobenzene	cis-1,3-dichloropropylene	lindane	1,1,1-trichloroethane
chloropicrin	dinoseb	methoxychlor	1,1,2-trichloroethane
2,4-D	endrin	pentachlorophenol	trichloroethylene
dibromochloropropane (DBCP)	ethylbenzene	simazine	xylenes (total)
o-dichlorobenzene	ethylene dibromide (EDB)	styrene	trihalomethanes (jncludes)
p-dichlorobenzene	haloacetonitriles (HAN)	haloketones (HK)	chloroform (surrogate chemical)
	bromochloroacetonitrile	1,1-dichloro-2-propanone	bromoform
	dibromoacetonitrile	1,1,1-trichloro-2-propanone	bromodichloromethane
	dichloroacetonitrile		chlorodibromomethane
	trichloroacetonitrile		

SPECIFICATIONS

Model	Micron Rating	Length (Inch)	O.D (Inch)	I.D (Inch)	End Type	Rated Flow	Rated Life	Max. Operating Temp
VC1	1µ	9.75"	2.65"	1"	Single Open End	0.75 US GPM	600 gal (2,271 L)	100℉ (~38℃)

NOTE: Micron rating and dimensions are nominal

- **Efficient reduction of Volatile Organic Compounds over long life**
- **Efficient Reduction of Chlorine, taste and odor**
- **Fits Most Competitive Housings[v]**

Certified for use with Rainfresh models UCCSM, UCS2, UCS3, DS2 and DS3.

[v] - CSA certification does not extend for use with other housings & systems

Apr 2012

ENVIROGARD PRODUCTS LIMITED
446 Major Mackenzie Drive East, Richmond Hill, ON L4C 1J2 CANADA
Tel: 905 884 9388 **Toll Free:** 1 800 667 8072 **Fax:** (905) 884 3532
E mail: info@rainfresh.ca **Web:** www.rainfresh.ca