

## Lead & Chemical Reduction Filter Cartridge



Rainfresh LR1 filter cartridge is an ultra-high performance activated carbon filters designed to reduce Lead, Volatile Organic Compounds (VOC), Trihalomethanes (THM), and chlorine from potable water. It is also highly effective in improving water taste and odour

LR1 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 Lead 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<sup>v</sup>

### TESTING AND CERTIFICATION

LR1 has been tested and certified by CSA International to NSF/ANSI 53 for reduction of Lead, VOC cysts, and to NSF/ANSI 42 for reduction of chlorine, taste and odour.



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 (includes)
p-dichlorobenzene	haloacetonitriles (HAN) bromochloroacetonitrile dibromoacetonitrile dichloroacetonitrile trichloroacetonitrile	haloketones (HK) 1,1-dichloro-2-propanone 1,1,1-trichloro-2-propanone	chloroform (surrogate chemical) bromoform bromodichloromethane chlorodibromomethane

### SPECIFICATIONS

Model	Micron Rating	Length (Inch)	O.D (Inch)	I.D (Inch)	End Type	Rated Flow	Rated Life	Max. Operating Temp
LR1	1µ	9.75”	2.65”	1”	Single Open End	0.75 US GPM	600 gal (2,271 L)	100 °F (~38 °C)

NOTE: Micron rating and dimensions are nominal

- **Efficient Reduction of Lead**
- **Efficient reduction of Volatile Organic Compounds over long life**
- **Efficient Reduction of Chlorine, taste and odor**
- **Fits Most Competitive Housings<sup>v</sup>**

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

<sup>v</sup> - CSA certification does not extend for use with other housings & systems