



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 premium quality activated carbon with proprietary media
- Block construction maximizes performance
- Highly effective (> 95%) 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^v

TESTING AND CERTIFICATION

LR1 has been tested and certified by CSA Group to NSF/ANSI 53 for reduction of Lead, VOC, 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 | xylene (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

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

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

- **Efficient Reduction of Lead**
- **Efficient reduction of Volatile Organic Compounds over long life**
- **Efficient Reduction of Chlorine, taste and odour**
- **Universal Fit^v**



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