

# FILTER CARTRIDGES

## QDC DISINFECTION

### DESCRIPTION

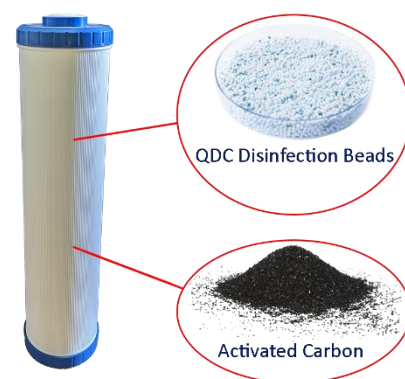
Disinfection filter cartridges offer an alternative to conventional UV systems. Cartridges utilise the revolutionary technology of activated catalytic beads, to produce water safe for drinking. Specifically designed to treat rainwater for household use; ideal for rainwater treatment or caravans.

### FEATURES

- Cartridge disinfects rainwater, producing potable water for household use: bathroom, dishwashing, laundry, garden, drinking, etc.
- Available in 2.5”×10” to suit standard slim housings, or 4.5”×20” for compatibility with Big Blue housings. Both cartridges have the QDC capacity to cater for the average household
- Big Blue sized cartridges include an activated carbon layer, for chlorine removal and taste improvement
- No UV – meaning no lamps or fragile glass elements; no need for constant power or concern regarding outages; no hassle to change, replace and dispose of elements



QDC-10



QDC-20BB-CARB

### POTABLE WATER WITHOUT NEED FOR UV

The disinfection beads carry a discharge that causes the entire molecular structure of harmful microorganisms to collapse, instantly killing bacteria (such as E. coli.), viruses and protozoa. This essentially performs the same function as a UV system, but features some significant advantages, including:

- No electrical power required
- No harmful chemicals (i.e. mercury) involved
- No maintenance required (besides routine filter replacement)

Cartridge Part #	Size	Recommended Max. Flow Rate	Estimated Service Life*
QDC-10	2.5” × 10”	5 L/min	2-3 years
QDC-20BB-CARB	4.5” × 20”	45 L/min	Carbon: 6-12 months; QDC: 2-3 years

\*Service life varies between sites and applications and is largely dependent on quality of feed-water. As such, change-out frequency may differ significantly to the indicated values provided.

### CLAIM

The QDC Beads described in this brochure have been independently tested for the reduction of E. coli bacteria and MS2 virus from waters pre-treated for drinking. QDC Beads are not intended for waters that have not first undergone suitable pre-treatment or filtration, nor are they intended for converting raw sewage or wastewater into microbiologically safe drinking water.