



# Consolidated WATER CONDITIONING

## *Heavy Duty Activated Carbon Filters*

*Households*

*Food & beverage*

*Assisted living facilities*

*Bottled water*

*Cafeterias*

*Corporate campuses*

*Educational facilities*

*Food service*

*Grocery*

*Hotel/hospitality*

*Laundry*

*Vehicle wash*



## **BM Series Heavy Duty Commercial Filters**

### **Standard Features**

- \* Activated Carbon Filters reduce chlorine, taste and odours, and improve treated water clarity.
- \* UV resistant materials suitable for outdoor operation.
- \* Manual or automatic operation options.
- \* Simple inline configuration for ease of installation and maintenance.
- \* Durable GRP tank construction for corrosion resistance and high pressure operation.
- \* Range of filter systems to suit household, commercial and light industrial applications.



## BM Series Heavy Duty Commercial Filters

### Applications and Benefits

- \* Food & Beverage Production—Improved taste and appearance.
- \* Drinking Water—Carbon filters reduce chlorine and improve taste and clarity.
- \* Boilers—Turbidity reduction, minimum sludge blowdown.
- \* Industrial Process—Reduced particulate matter and turbidity.
- \* Pretreatment—Ideal for Reverse Osmosis, Deioniser and softener pretreatment.

### Options

- \* Automatic backwash controls.
- \* Duplex kit to eliminate raw water bypass and system downtime.
- \* Pressure differential backwash on automatic models.

### Warranty

CWC's BM series water filters are backed by a 1-year limited warranty against defects in material and workmanship. See printed warranty for details.

CWC will provide a copy of the warranty on request.

### Specifications

| Model   | Flow Rates                        |                                   |                           | Inlet/Outlet Ports |
|---------|-----------------------------------|-----------------------------------|---------------------------|--------------------|
|         | Service Flow Rates                |                                   | Backwash                  |                    |
|         | Minimum flow (m <sup>3</sup> /hr) | Maximum flow (m <sup>3</sup> /hr) | Flow (m <sup>3</sup> /hr) |                    |
| BM-08-C | 0.4                               | 0.7                               | 0.6                       | 32 mm              |
| BM-10-C | 0.6                               | 1.1                               | 1.0                       | 32 mm              |
| BM-14-C | 1.2                               | 2.2                               | 1.9                       | 32 mm              |
| BM-20-C | 2.5                               | 4.5                               | 3.9                       | 50 mm              |
| BM-30-C | 5.5                               | 10.2                              | 8.8                       | 50 mm              |
| BM-36-C | 8.0                               | 24.6                              | 12.7                      | 63 mm              |
| BM-48-C | 14.1                              | 26.0                              | 22.6                      | 63 mm              |

\* Operating pressure: 200–600 kPa

\* Power supply (automatic units): 220 VAC 50Hz

\* Temperature range (water temp): 5-35°C

\* Activated carbon filters are capable of 40-micron effluent water quality under normal operating conditions, although they should not be used as a sole source of filtration.