


MICRO-CHARCOAL
MCK Type
Major Applications

Organic material removal

Organic dye and odor removal

Residual chlorine removal

Features

- Fibrous activated carbon and granular activated carbon are used.
- Activated carbon spill prevention layer placed on the downstream side

Advantages

- Excellent adsorption speed and capacity
- Requires fewer filters than standard activated carbon filters
- Prevention from release of activated carbon to the downstream side

Structure

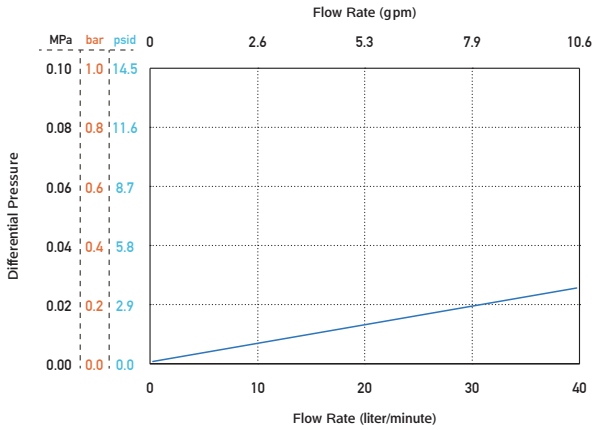
Specifications

| | | Activated Carbon Fiber & Coconut shell activated carbon |
|------------|------------------------|---|
| Materials | Media | Activated Carbon Fiber & Coconut shell activated carbon |
| | Core | Polypropylene |
| | Support | Polyolefin |
| | End Cap | Foamed Polyethylene |
| | Maximum ΔP | 0.49MPa at 20°C (71psi at 68°F) |
| | Maximum Operating Temp | 60°C (140°F) |
| Dimensions | Length | 125 / 250 / 500 / 750 mm |
| | O.D. | 67.0mm |
| | I.D. | 25.5mm |

*If you need further information on specifications (length, end cap type, etc.), please contact us.

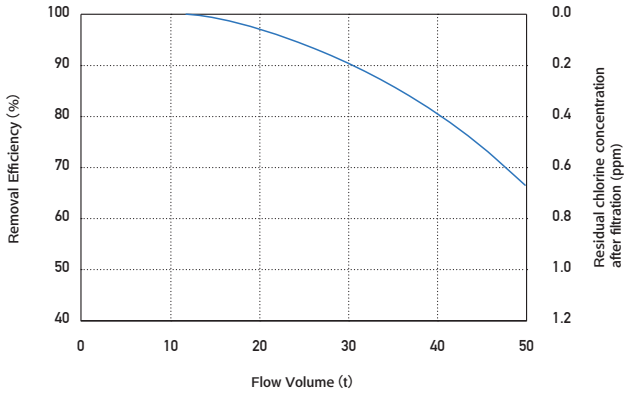
Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



Free Residual Chlorine Removal Efficiency

Free Residual Chlorine Removal Efficiency per 250L-MCK-S12 (in water)
 Raw Water Condition / Free Residual Chlorine Concentration: 2ppm
 Water Temperature: 20°C (68°F) Flow Rate: 10 liter/minute



Ordering Information

| Length | Product Type | Type of Activated Carbon | Packaging Code |
|--|--------------|--------------------------|---|
| 250 L | -MCK- | S12 | C |
| 125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm | | | A = 1pc B = 6pcs C = 10pcs F = 25pcs |

End Cap



*The contents of the catalog are subject to change without notice.

*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope

Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



JQA-QMA16323

MS CM009

19th Issue
 MCK210320E