

MBR–SERIES MIXED DI CARTRIDGES

AXEON® MBR–Series Cartridges utilize our 2.5" or 4.5" diameter configurations that fit most standard size filter housings. **AXEON MBR–Series Cartridges** feature a Gel Poly Styrene Cross-linked with DVB mixed bed resin. The DI resin used in these cartridges has been specifically developed to reduce total dissolved solids, including calcium and magnesium carbonate.

AXEON MBR–Series Cartridges provide a solution for a variety of applications that need the removal of ionic contaminants. These cartridges act as excellent post-treatment for reverse osmosis systems as well as being effective for applications in the pharmaceutical, semiconductor, medical and industrial fields.



MATERIALS OF CONSTRUCTION

- **Cartridge Body:** High-density Polyethylene (HDPE)
- **End Caps:** Polypropylene
- **Brackets on End Caps:** Polypropylene
- **Filter Pad on End Cap:** Polypropylene
- **Gasket:** Thermoplastic Elastomer (TPE)
- **Sediment Filter:** Polypropylene (5 Micron Nominal Rating)

FEATURES AND BENEFITS

- High Capacity Flow Rates
- Customizable to Fit Any Application

SPECIFICATIONS

| Model | Description | Diameter (in / mm) | Length (in / mm) | Volume (cubic ft.) | CaCO ₃ Capacity (grains) |
|------------------|--|--------------------|------------------|--------------------|-------------------------------------|
| MBR–25–10 | CARTRIDGE, DI, MIXED BED, 2.5" X 10", MBR–25–10, AXEON | 2.50 / 63.50 | 9.75 / 247.6 | 0.03 | 360 @ .5 gpm |
| MBR–25–20 | CARTRIDGE, DI, MIXED BED, 2.5" x 20", MBR–25–20, AXEON | 2.50 / 63.50 | 20 / 508 | 0.06 | 780 @ .5 gpm |
| MBR–45–10 | CARTRIDGE, DI, MIXED BED, 4.5" x 10", MBR–45–10, AXEON | 4.50 / 114.3 | 9.75 / 247.6 | 0.09 | 1100 @ 1 gpm |
| MBR–45–20 | CARTRIDGE, DI, MIXED BED, 4.5" x 20", MBR–45–20, AXEON | 4.50 / 114.3 | 20 / 508 | 0.18 | 2300 @ 1.5 gpm |