

ECOSOFT R2D2 WATER SOFTENERS

Ecosoft R2D2 water softeners are designed to remove hardness from tap water in apartments, improving your everyday comfort and protecting household appliances. Their slim design makes them easy to install in narrow spaces. A large salt tank ensures comfortable use of the softener.



KEY FEATURES

- Slim design for tight spaces, width only 220 mm
- Reduces hardness and extends the life of household appliances
- Designed specifically for apartments
- Large salt tank for fewer refills and easier maintenance

| Code | Desription | Quantity of resin, L | Maximum flow rate, m³/h | Dimensions, H × W × D, mm | Pallette quantity, pcs |
|----------------|---|----------------------|-------------------------|---------------------------|------------------------|
| AQBM-R2D2-32-H | Ecosoft R2D2 water softener capacity 32 | 8 | 1 | 650 × 220 x 460 | 12 |
| AQBM-R2D2-48-H | Ecosoft R2D2 water softener capacity 48 | 12 | 1.7 | 825 × 220 x 460 | 12 |
| AQBM-R2D2-72-H | Ecosoft R2D2 water softener capacity 72 | 18 | 2.1 | 1100 × 220 x 460 | 6 |

TECHNICAL SPECIFICATION

| Parameter | AQBM-R2D2-32-H | AQBM-R2D2-48-H | AQBM-R2D2-72-H |
|---|-----------------|-----------------|------------------|
| Operating flow rate, m ³ /h | 1 | 1.7 | 2.1 |
| Quantity of media, L | 8 | 12 | 18 |
| Volume capacity, m ³ 250 mg/L CaCO ₃ influent harness | 1.45 | 2.1 | 3.2 |
| Usage of salt per regeneration, kg | 1.28 | 1.92 | 2.88 |
| Usage of water per regeneration (discharge per regeneration), m ³ | up to 70 | up to 120 | up to 180 |
| Duration of regeneration, minutes | up to 30 | up to 40 | up to 45 |
| Pressure drop in service mode, bar | | up to 0.6 | |
| Inlet pressure, bar | | 2–6 | |
| Water consumption per regeneration, L | 70–80 | 110–120 | 170–180 |
| Electrical requirements | | 220VDC, 50Hz | |
| Power consumption, W | | 3 | |
| Inlet/outlet pipe connections | | 1" | |
| Dry weight, kg | 17 | 27 | 32 |
| Overall dimensions, (Height × Width × Depth), mm | 650 × 220 × 460 | 825 × 220 × 460 | 1100 × 220 × 460 |

INFLUENT WATER LIMITATIONS

| Parameter | Value | | |
|---------------------------|----------------------------|----------------------------|----------------------------|
| Hardness | 350 mg/L CaCO ₃ | 500 mg/L CaCO ₃ | 625 mg/L CaCO ₃ |
| Iron | | 0.2 mg/L | |
| Manganese | | 0.05 mg/L | |
| Chemical Oxygen Demand | | 5 mg/L O ₂ | |
| Sediment prefilter rating | | 100 µm | |

DIMENSIONS OF THE MODELS

