



COMPACT MULTIFUNCTION STATION

softening, iron-removing, manganese-removing

The MULTI device has been designed for locations where it is necessary to remove compounds from water such as:

- iron
- manganese
- hardness (calcium and magnesium)
- ammonium ion

The MULTI system uses the multifunctional HYPERMIX resin, a specially formulated blend dedicated to treating groundwater. It delivers excellent results in water softening, as well as in removing iron, manganese, ammonia, and enhancing the organic parameters of water. HYPERMIX is a multifunctional medium regenerated with brine, operating effectively within a pH range of 5 to 10, without pH level impacting its efficiency. The system is equipped with a volume-time control valve. The media does not require aeration, and the regeneration process utilizes user-safe brine.

Technical data

Symbol	WS-IR-MN-30-RX-E
Control head	Time-volume RX
Media capacity	30 l
Dimensions (HxWxD)	106x33x45 cm
Weight	50 kg
Power	100-240 V 50/60 Hz (12V/1,5A)
Working pressure	2-6 bar
Working temperature	4-30 °C
Connection	1"
Salt consumption for regeneration	4 kg
Recommended maximum working flow rate	1,9 m ³ /h
Type of control	Electronic volume-time
Type of regenerant	Salt tablets



Benefits of using treated water:

- savings on laundry powders and reduced consumption of liquids and detergents,
- enjoyment of bathing, showering, and hand washing – soft water restores the skin's elasticity, freshness, and natural appearance,
- extended lifespan of devices in contact with water, such as: central heating boilers, plumbing systems, humidifiers, washing machines, dishwashers, kettles, coffee machines,
- easier cleaning of bathtub, sink, and fixture surfaces, which stay cleaner for longer after washing.

Advantages of the Multi system:

- automatic RX control head with volume-time function,
- electronic controller with a liquid crystal display,
- compact casing made of high-quality durable polyethylene,
- corrosion-resistant tank reinforced with fiberglass for increased durability,
- lower operating costs due to reduced water and salt consumption required for resin regeneration,
- top-quality multifunctional HYPERMIX resin.

The station operates up to:

Iron < 500 ug/liter

Manganese < 100 ug/liter

Hardness < 30 dH

Ammonium Ion < 1000 ug/liter

Effectiveness of Hypermix resin cleaning

Parameter	Cleaning effectiveness
Hardness	97%
Iron	98%
Manganese	98%
Total organic carbon content (TOC) [mg]	50%
Ammonium Ion [mg]	90%

