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|  | Product Data Sheet | Technical Department |
| | REFILLING SYSTEM MG/3000 + BoxBlu/35 litres | |

Refilling system with demineralizer and collection tank

Compact, integrated system for producing, storing and distributing demineralized water for topping up industrial batteries. The ion-exchange resin demineralizer ensures high-quality water, while the collection tank with float valve automatically maintains the level and provides simple, safe water supply management. The solution reduces maintenance time, prevents the risk of overflowing or water shortage, and improves operational reliability in battery rooms.

Operating Efficiency

Integrated system with demineralizer and tank with float valve to ensure continuous availability of demineralized water and rapid battery topping-up, with automatic level management.

Cost Reduction

Direct production and storage of demineralized water reduces waste, intervention times and system downtime, optimizing maintenance costs.

Operating Safety

Controlled supply of demineralized water prevents overflowing, water shortages and unsafe manual operations in battery rooms.

Technical Advantages

- High-efficiency ion-exchange resin demineralizer
- Collection tank with float valve for automatic level control
- Compact and modular structure
- Provision for distribution pump or connection to automatic refilling systems
- Simple installation and reduced maintenance

Finally, the BoxBlu of the refilling system also regulates the inlet pressure, preventing any excessive pressure from the water mains from damaging the demineralizer.

Accessories

The system is also supplied with:

- 5 metres of transparent tube 10x14
- No. 1 3/8" flexible hose
- No. 1 3/8" hose connector
- No. 7 fixing plugs, dia. 8 mm
- Refilling accessories - flow indicator - pair of M/F quick couplings



| <i>Ref.</i> | <i>Description</i> |
|-------------|---------------------------|
| A | Water inlet to the system |
| B | BoxBlu collection tank |
| M | Demineralizer |
| C | Connection tubes |
| E | Treated water outlet |
| F | Refilling accessories |

USE

The system is equipped with an inlet coupling that allows the Box to be connected to different water hoses. Water from the mains, after being demineralized, flows into the tank. When the tank is full, the float valve stops the water inlet and refilling can be carried out. As water is drawn for topping up, the level inside the tank drops: this activates the float valve, which reopens the connection with the demineralizer and restores the water inside the tank. At the base of the BoxBlu, a tube with a flow indicator carries the water directly to refilling systems with self-levelling caps or to traditional refilling devices.