

Spectrum Spectrum De-mineralised Water Treatment Plant



Stock No	BMF400
Manufacturer	Spectrum
Model	Bespoke
Condition	Seen working by RSW, Good Condition
Other Info	Digital flow and conductivity meters.
Location	Ipswich, Suffolk, UK
External Dimensions (WxDxH mm)	1300 x 750 x 1300

Description

Deionized Water Plant

This plant is currently installed to supply DI Water to [HydraPower Dynamics Pre-Treatment Plant](#) and is available by negotiation.

A purpose built DI water plant capable of providing 3 to 5 liters per minute of high quality DI water, typically less than 5 microsiemens conductivity in this application.

The unit itself has a footprint of 1300mm x 750mm and is 1300mm high.

The mains water supply enters the unit and flows sequentially through:

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Machine Datasheet



- Particulate/sediment filter rated at 5 microns with pressure gauge
- Carbon/organics filter rated at 5 microns with pressure gauge
- RO Membrane Filter
- Ion Exchange Resin Vessel

The unit is fitted with digital flow and conductivity meters.

The output of purified water flows to a storage bank of six IBC's giving a total 6000 litres of storage. These have a footprint of 3000mm x 3300mm and are protected by painted steel barrier fixed to the factory floor. The storage IBC's are all interlinked by a pipework manifold connected to a stainless steel centrifugal booster pump complete with pressure control. This pump transfers the DI water to the distribution manifold on the line. The transfer system includes a solenoid shutoff valve to prevent tanks from being overfilled. A quantity of spare particulate and carbon filters are available with the DI plant.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.



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