

MODi

DEIONISATION UNITS
High purity water on demand

Aquamove
Mobile Water Solutions



You hire – We regenerate

- Short-term emergency response
- 45' articulated insulated trailer
- Two streams of ion exchange plant
- Flow rates up to 150 m³/hr
- Treated water to <0.1 µS/cm 20ppb silica
- Rapid response
- Zero discharge
- Off-site regeneration



The Aquamove MODi[®] provides two streams of mobile Cation/Anion/Mixed-bed ion exchange plant on a 45' articulated, insulated trailer. Each stream is capable of treating 70 m³/hr or 150 m³/hr in parallel to 0.1 µS/cm conductivity, 20 ppb silica end point.

25% more capacity

The Aquamove MODi[®] has the maximum capacity allowed under current UK transport regulations. The trailer's unique configuration enables a capacity increase of up to 25% compared to earlier designs – resulting in increased run lengths and reduced transport and hook-up costs.

Automatic monitoring and security

MODi[®] trailers are equipped with conductivity monitors linked to automatic controls that switch streams when the first is exhausted. When both streams are exhausted an alarm is triggered and the trailer is ready for exchange.

Zero discharge

The MODi[®] requires no chemicals to be used on your site and produces no wastewater. Regeneration is off-site at our state-of-the-art regeneration station in Stoke-on-Trent.

Typical applications

- Emergency water needs
- Zero discharge
- Pilot plant
- Commissioning supplies
- Steam blows
- Pipe flushing
- Shut down supplies
- Seasonal capacity uplift
- Changing water quality

Rapid response

Within two hours of a call a MODi[®] unit can be on the road. What's more, an ELGA PROCESS WATER service engineer will also be dispatched to ensure the unit is correctly connected upon arrival:

- 24 Hours a day
- 7 Days a week
- 365 Days a year

Business continuity

In today's highly competitive environment no company can afford to lose valuable production time. Regular maintenance of capital plant aims to prevent this, but should the unthinkable happen then business continuity is the first priority.

Aquamove systems are increasingly being factored into the contingency plans – ensuring that the flow of pure water continues no matter what.

To mobilise call 01782 590800

www.aquamove.com

VEOLIA
WATER

Solutions & Technologies

MODi typical data	
Max Flow Rate 1 Stream	70 m ³ /hr
Max Flow Rate 2 Streams	150 m ³ /hr
Total Exchange Capacity (CaCO ₃)	260 kg (cations) 275 kg (anions)
Pressure Drop at Max Flow @ 5°C	2.5 barg
Maximum Feed Pressure	7 barg
Treated Water Conductivity	0.1 µS/cm
Treated Water – Silica	20 ppb
Treated Water – Sodium	20 ppb
Inlet / Outlet Connections	4" Camlock (male)
Drain	2" Camlock (male)
Electrical Connection CEE plug	220/110V AC 16A BS4343
Trailer Dimensions L/W/H	13176 mm/2585 mm/3950 mm
Trailer Weight	Dry 32,000 kg, Operating 47,000 kg



VWS/ Aquamove/ MODi UK - EN 081009 - In keeping with the progressive nature of the company, we reserve the right to amend details without notice.

To mobilise call 01782 590800 (emergency number)



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