

# MOFI-2700

## Pressure Vessel

### Mobile Water Services

The MOFI-2700 is a skid mounted 316 stainless steel pressure vessel which can be utilised with different media from ion exchange, filtration and carbon adsorption to meet a variety of applications. It is able to be used within high or low temperature applications in a flexible, fast and efficient manner without the use of onsite chemicals.



#### Performance specification

- Up to 440 gpm treated water production
- Mixed bed resin performance < 0.1  $\mu\text{S}/\text{cm}$ , 20ppb  $\text{SiO}_2$
- Multimedia
- Zero discharge
- Inside or external operation
- Off-site regeneration/media loading
- Up to 212° F

#### Typical applications

- Emergency water needs
- Refurbishment needs
- Planned outages
- Commissioning activities
- Process applications
- Boiler and pipe flushing
- Shortage of supplies
- Condensate polishing
- Changing water quality
- High temperature

#### Speed of response

Available to dispatch to your facility 24h/7, 365 days per year within hours depending on your location, this mobile water treatment asset is capable to meet all of your treated water treatment requirements. It is deployed from our strategic located depots to ensure the optimum speed of response and minimal freight time.

#### Reliability

The MOFI-2700 is designed for simple and reliable operation. A 'Plug and Play' solution, simply connect to your pressurized feed water source and receive treated water in an instant at the outlet in a fast and effective way. There are no complicated pumps or regeneration systems to put production at risk.

#### Full service offering

Our MOFI-2700 comes complete with connection kits for both the feed and treated water supplies. This reduces the time to commission the system and any logistics time to procure these necessary accessories.

#### Treated water quality and quantity

All MOFI-2700's come with our unrivalled performance guarantee to measure and monitor the quality and quantity of treated water produced to ensure your specification is met at all times.

#### Service and operation

Our dedicated team of engineers is available to assist you during start-up and commissioning. Their availability and support can be adapted to meet your requirements.

## Project budget

We recognize the importance of delivering a project to specification and within budget is essential to our customers. We offer a variety of pricing structures to match your requirements and understanding of this critical service.

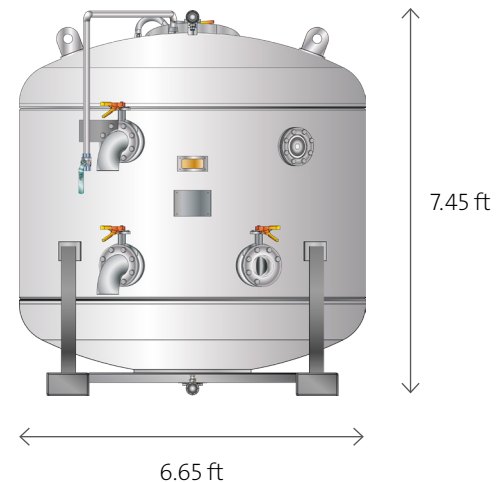
## Health and safety

As a zero accidents supplier we understand the importance of meeting and exceeding both our customers and our own Health and Safety standards. All our equipment is built and maintained considering the highest operational standards and all personnel are trained on a regular basis to ensure they perform in the safest of environments.

## Ancillary equipment and accessories

A complete range of complimentary equipment and accessories can be rented and provided as part of our unique 'Full Service Offer'. This may include pretreatment, pumps, hoses, tanks and/or additional connection adaptors as required.

Specifications	
Vessel diameter ID (ft)	5.9
Surface area (sqft)	26.9
Shell height (ft)	3.3
Media height (excluding dished ends ) (ft)	2.6
Dished end volumes (cu.ft)	25
Material of construction	316 stainless steel
Gross volume (cu.ft)	138
Media volume (cu.ft)	95
Empty vessel weight (lbs)	4300
Maximum operating pressure (psi)	116
Maximum operating temperature (°F)	212
Minimum flow rate pressure drop (psi)	1.5
Maximum flow rate pressure drop (psi)	14.5
Handling Lifting	lugs and forklift ports
Connections Inlet/Outlet	4 " Camlock, 150 #, sch 40



	Mixed Bed	Activated Carbon	Cation H+ form	Anion OH- form	Softener Na+ form
<b>Specifications</b>	MOFI2700MB	MOFI2700RC/VC	MOFI2700C	MOFI2700A	MOFI2700S
Minimum flow rate (gpm)	90	65	110	110	110
Maximum flow rate (gpm)	350	350	440	440	440
Operating ion exchange capacity (lbs)	90		420	210	350
Media weight (lbs)	5950	3475	5950	5950	5950
Total weight (media and vessel) (lbs)	10250	7800	10250	10250	10250
<b>Performance Notes</b>					
	< 0.1 µS.cm 20 ppb SiO <sub>2</sub>	Standard applications			< 5 mg/l CaCO <sub>3</sub>

### Veolia Water Technologies - Mobile Water Services

945 S. Brown School Road, Vandalia OH 45377 USA

Tel. +1 815-274-9586

[www.veoliawatertech.com/en/solutions/services/mobile-water-services](http://www.veoliawatertech.com/en/solutions/services/mobile-water-services)