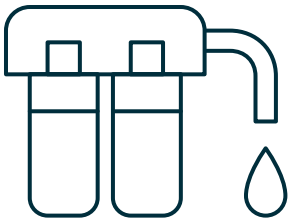

Water Purification Systems

Requirements for Enapter's AEM electrolysers

Specifications

Enapter recommends that water requirements comply with ASTM D1193-06 Type II, with additional minimum requirements for acidity according to ASTM D1067 as per table below.

The minimum water requirements must comply with a minimum conductivity of <2 µS/cm.

Water Purification System - Requirements		
Measurement (Unit)	Type I	Type II
Conductivity (µS/cm)	< 0.056	< 1
Resistivity (MΩ-cm)	> 18	> 1
Total Organic Carbon (TOC) ppb or µg/L	< 50	< 50
Sodium (ppb or µg/L)	< 1	< 5
Chloride (ppb or µg/L)	< 1	< 5
Silica (ppb or µg/L)	< 3	< 3
Acidity (meq/l) according to ASTM D1067	< 0.1*	< 0.1*

* Not part of ASTM D1193-06 standard but required by Enapter devices.

Standards used from ASTM:

≡ ASTM D1193-06 (water types)
≡ ASTM D1067 (acidity)

Suppliers Overview

The suppliers below offer potentially suitable systems. Please always directly communicate with the supplier to ensure that a suitable water purification system is selected as per the specifications above.

Company	**Country**
Membrapure	Germany
Grünbeck	Germany
BWT	Germany
Watermarq	Netherlands
Eurowater	Denmark
Elga	United Kingdom
Valcon	Czech Republic