

PROVENTIA EVA H2



Test Module for Hydrogen Fuel Cell Systems



PROVENTIA INTRODUCES the state-of-the-art test module for hydrogen fuel cell system testing: Proventia EVA H2. The EVA H2 module is a turnkey test chamber that includes all the necessary safety and test equipment. It is one of the fastest ways to optimise your fuel cell system testing capacity.

The modular two-chamber test facility includes all ready-to-use infrastructural parts and safety systems. Its modular factory-build construction saves your time in the building and deployment

phases. There is no need for heavy foundations, and the module can be located away from surrounding buildings, avoiding ATEX-rated zones inside your facility.

EFFORTLESS, TURNKEY SOLUTION

FEATURES

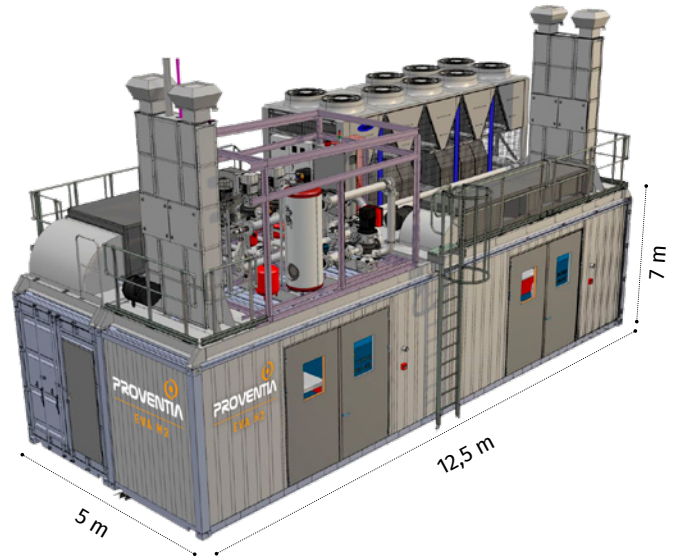
Operation power: regenerative DC-load 10–300 kW

Includes safety valves, mass flow measurement and pressure control

Temperature & humidity control

- Constant temperature 20–30 °C ±2
- Humidity control >40% rh

Hydrogen supply from customer source to test bench

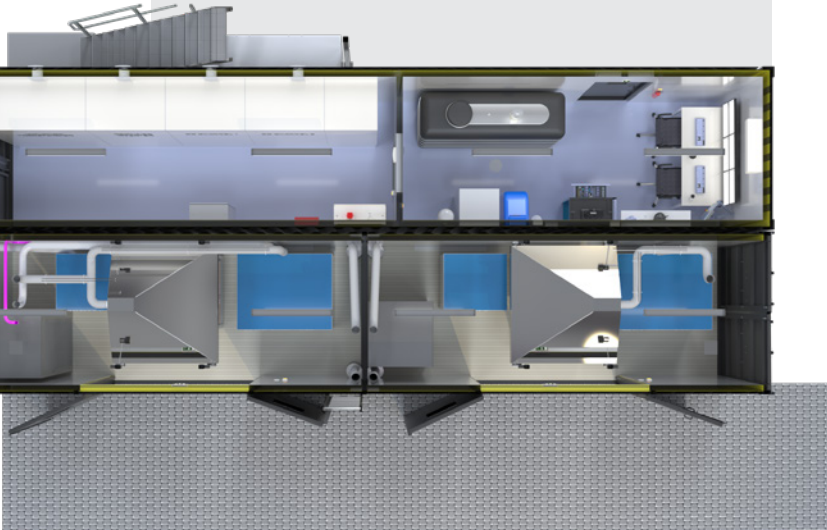


STANDARDS AND DIRECTIVES

- Designed to European Machine Directive ISO 2006/42/EY
- Fulfils safety automation functions according to ISO 13849
- Fulfils ATEX requirements according to IEC60079



- Fire detection and suppression
- Gas detection
- Test cell ventilation
- Remote video monitoring of test space and device under test
- Easy operation through touchscreen controls and remote access
- Extensive self-diagnostics for infrastructure and safety systems
- Utilises Beckhoff hardware with global support for parts and service



Contact us! Get in touch, and we will be happy to tell you more.
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