

EnwaMatic[®] Bespoke

Project Specific Design



ADVANCED WATER TECHNOLOGY





HIGH TEMPERATURE

MTHW to 150 C. Modified pipework and software for safe operation.



HIGH PRESSURE

16 - 25 bar operating pressures. Double isolation on external connections.



LARGE VOLUME

Single vessels to 600 m3 system volume. Multiple vessel packages.



SPECIAL APPLICATIONS

Iced water, Maritime, Process, Pharmaceutical, Food Grade, Underground.



Skid mounted, Turn-Key Packages



Side stream filtration to < 10 microns



Corrosion inhibition



Scale control



Environmental restriction of bacterial growth



Air separation



Glycol retaining backwash option (BAF).



High specification stainless components



Bespoke units utilise an identical water treatment process to the standard EnwaMatic.

Vessels are constructed from stainless steel, insulated to the required depth and finished with a stainless steel shell as standard.

High specification components are selected to meet the requirements of each project, with a particular emphasis on safety and reliability.

Where necessary, bespoke software packages ensure smooth integration into operating systems.

Manual or automated backwash options.

Packages including FC4/5 backflow prevention, BMS, glycol retention and circulation pumps.

On-site client training and project specific O&M manual.



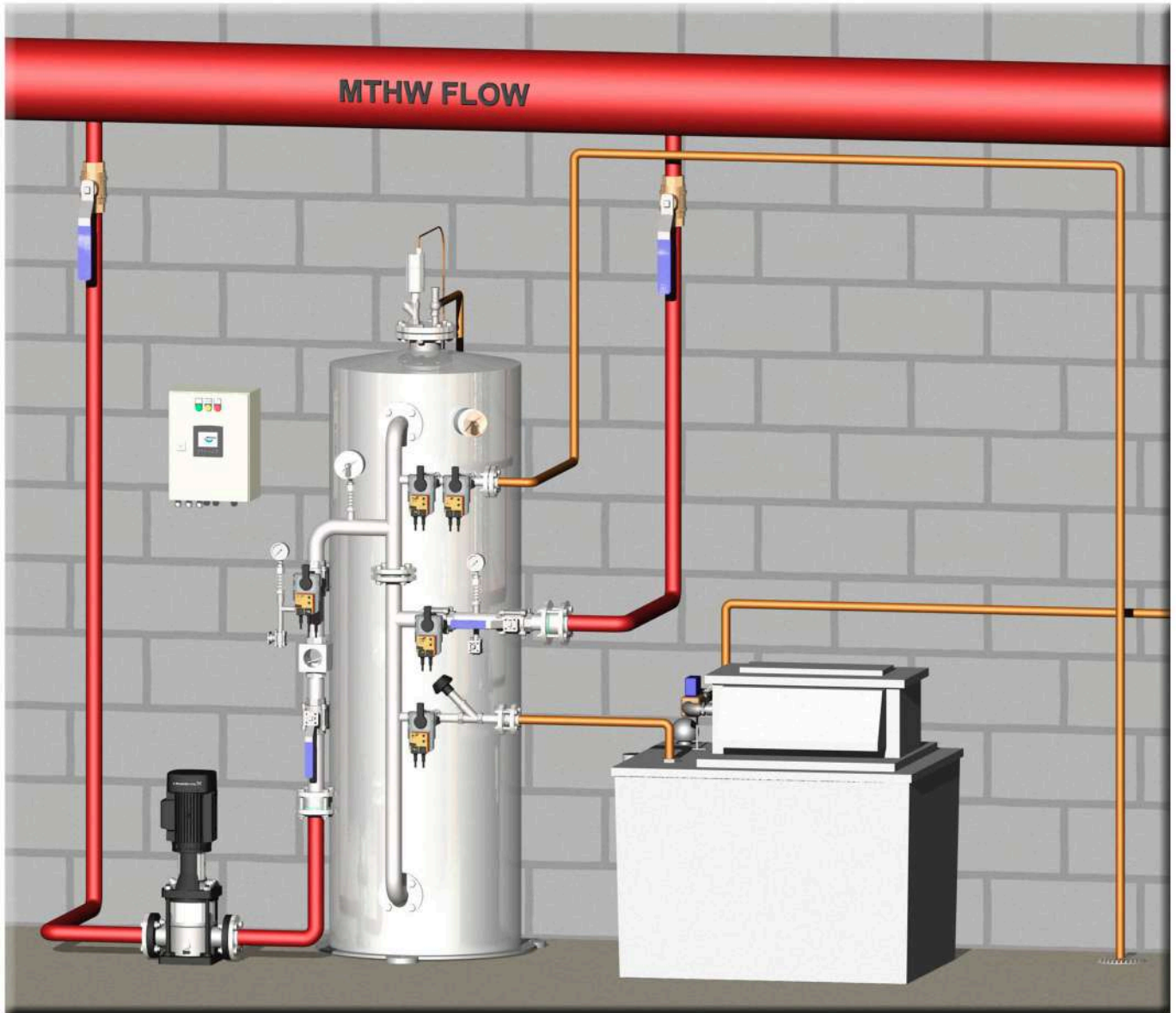
Skid mounted - Bespoke Maritime



University of Glasgow - District Heating - 500 m3

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EXAMPLE PROJECT



200m3 MTHW District Heating Network

Max operating pressure: 14 bar

Max operating temperature: 120 C

500 litre FC5 breaktank / booster pump assembly with electronic level control

Grundfos CRI circulation pump

Double valve safe isolation on inlet / outlet

Temperature and pressure gauges with high level alarms

Modbus BMS interface

Graphical PLC display

Project specific software and operating manual

3D CAD models for plantroom layout

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