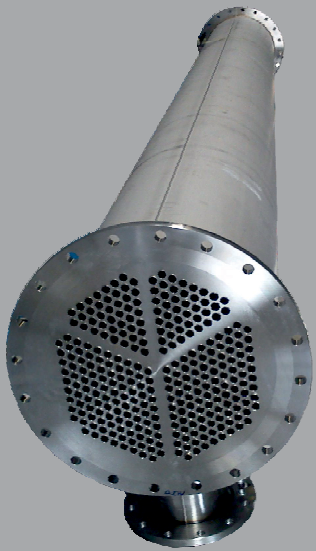


Product Guide

HEAT EXCHANGER SOLUTIONS

CT CORRUGATED TUBE HEAT EXCHANGERS

Inventive Engineering



CT Corrugated Tube Heat Exchangers



The Arbe range of CT corrugated tube heat exchangers offer a compact and economical solution for heat transfer requirements. Used to provide heat generation in process and building services applications, the CT range is a simple solution to any project specifications, which can be adapted to suit specific requirements with equipment to form part of a complete bespoke package. The CT range is ideal for steam applications with high steam pressures and also superheated steam systems and can be supplied as part of a complete package, the HevaSteam-S unit, supplied with all necessary steam controls and condensate handling equipment

Our complete expertise in the industry guarantees that our products will fulfill your requirements with our design excellence and high quality products.

Heat Sources

We have products to suit every primary and secondary heating mediums including:

- Steam
- LTHW / LPHW
- MTHW
- HTHW
- Condensate
- Solar

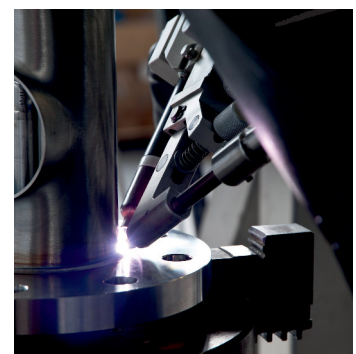


Sizes

Our units are designed for each application and standard sizes are available from 60mm o/d to 273mm o/d with lengths ranging from 1000mm to 6000mm. The units can be packaged together in series or parallel depending on the application within a purpose built stainless steel frame

Summary

- Pressure from vacuum up to 16 BarG as standard, higher pressures on request
- High heat transfer coefficient
- Compact design
- Low pressure drop
- Heat transfer surfaces from 0.14 - 58m²
- Usable in temperatures up to 210°C
- Low algorithmic temperature differences
- Good self-cleaning due to high velocities
- Can be used as a heat exchanger, condenser or evaporator



Welcome to Arbe Integrated Engineering

Arbe Integrated Engineering offer a range of products and services for the HVAC building services industry, ranging from bare heat exchangers and storage cylinders to fully packaged plantrooms and associated equipment. With over 20 years of design experience, our design and technical team can offer a complete solution for a wide range of project requirements.

Seamless Integration:

With our next generation range of equipment, our products offer complete integration with renewable and future energies, ensuring all available energy is utilised, reducing fossil fuel usage. In addition, our HevaSys products offers a unique next generation range of equipment with integral BMS style controls that can be adapted to any installation and can provide a standalone management system for buildings where the heating and hot water generation is relatively small, such as a leisure centre or a school.

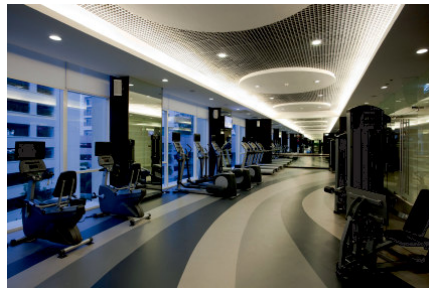
Inventive Engineering:

In addition to our standard equipment, including heat exchangers, storage calorifiers and packaged solutions, we also design and manufacture bespoke equipment to end user or consultant specifications and we carry out extensive research and development to invent new products and enhance current designs.

Application Solutions:

With our complete range of products, we have solutions to cover most applications. With our ability to carry out complete bespoke design, we have a solution for each and every project requirement. Our end users include:

- Hotels
- Schools
- Universities
- Leisure Centres & Gyms
- Hospitals



Products Include:

Calorifiers
Indirect Cylinders
Direct Cylinders
Thermal Stores
Pressure Vessels
Plate Heat Exchangers
Braze Heat Exchangers
Shell & Tube Exchangers
Heat Exchanger Packages

TwinHeat DHW/LTHW Systems
Gas Fired Calorifiers
Boilers & Associated Equipment
Packaged Boiler Houses
Packaged Plant Rooms
Solar Energy Packages
Heat Pumps
Booster Sets & Pressurisation
Bespoke Engineering Packages

Suitable for Heating Systems
Suitable for Potable Systems
Suitable for Chilled Systems
Suitable for Steam Systems
Suitable for Renewable Systems
Suitable for Boosted Water Systems

Key to product Suitability



Arbe Integrated Engineering Ltd
Coal Lane
Causeway Foot
Halifax, HX2 9PG
Tel 01422 646865, Fax 01422 500018
mail@arbe.co.uk www.arbe.co.uk