

## Products Summary

McCaig Collim are distributors for the heating, pipeline insulation and ventilation industries. We have an extensive product portfolio of heat exchangers, to suit a wide range of applications across the industrial, food & dairy, brewing, refrigeration, HVAC & marine sectors. Our team of Engineers can advise you on the best product for your application.

### Gasketed Plate Heat Exchangers

- UK manufacture with fast delivery times
- Plates: 304/316 Stainless Steel / Titanium / Alloy C276
- Gaskets: Nitrile / EPDM / Viton®
- Connections: BSP threaded / Flanged / Hygienic
- Frames: Painted Steel / Stainless Steel
- Accessories include Insulation Jackets, Drip Trays, Isolation Valves c/w Internal Filter, Mounting Feet



### Brazed Plate Heat Exchangers

- Available from stock for immediate delivery
- WRAS Approved
- AISI 316 stainless steel plates with copper brazing
- Nickel brazing available for specialist applications
- Accessories include Insulation Jackets, Isolation Valves c/w Internal Filter, Mounting Feet, Connection Adaptors



### Packaged Plate Heat Exchangers

- Instantaneous duties from 50 to 2000 kW
- Buffer Vessel options for semi-instantaneous applications either skid mounted or supplied separately
- WRAS Approved
- 3 or 4 port control valve options
- Single or Twin Head Primary Pumps
- Control Panel with industrial quality temperature controller
- BMS connectivity options
- Secondary pump option
- Many other bespoke options to meet customer requirements



### Fan Assisted Air Heaters

- Commercial Range— 10 to 40 kW—Available from stock
- Industrial Range—50 to 100 kW—Available from Stock
- Custom built multi-fan options up to 300 kW
- Specialist designs for dusty atmospheres such as Poultry Shed heating—wider fin spacing, access doors for cleaning
- Hot water or steam heated options



## Finned Tube Coils

- Air heating & cooling using water, glycol, steam, thermal oil & refrigerant
- Tubes: Copper/ Steel / Stainless Steel / Cupronickel
- Fins: Aluminium / Copper / Steel / Stainless Steel
- Frames: Galvanised Steel / Stainless Steel
- Accessories include Mist Eliminators / Air Tight Frames
- Drip Trays / Fin Coatings / Flanged Connections



## Industrial Dryers

- 100 to 1200 kW for grain woodchip, timber & brick drying
- UK Manufacture
- Three air pressure options— 250, 500 & 1000 Pa
- Normally supplied fully skid mounted but can be supplied as components without a base frame for field installation
- Containerised option for noise suppression & weather-proofing



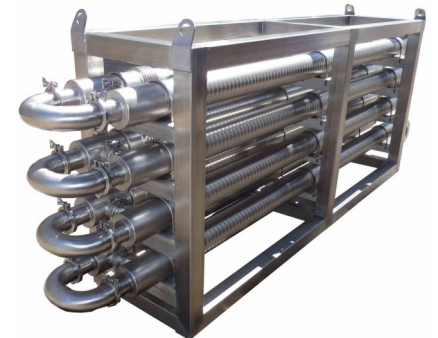
## Air Blast Coolers

- For process water cooling
- Duties up to 750 kW
- Delivered fully assembled
- Vertical or horizontal air flow options



## Corrugated Tube-in-Tube Exchangers

- All stainless steel construction
- Mono-tube in tube design— Ideal for fluids containing large particles or fibres. Typical examples—Sewage sludge heating & effluent water cooling
- Multi-tube in shell design—Ideal for steam heating of fluids, slurry heating, high temperature & pressure applications
- Corrugated tubes give a higher thermal performance
- Construction can be fully welded or with removeable tubes for easy maintenance



## Shell & Coil Heat Exchangers

- Ideal for steam heating of water or CIP solutions
- Robust all welded stainless steel construction. The coiled tube arrangement allows for thermal expansion
- Many sizes available from stock
- Accessories include Insulation Jackets



## Air to Air Heat Exchangers

- Plate Types—Aluminium Cross-Flow & Counter-Flow with the option of a Plenum Box. Many sizes available from stock. Up to 85% efficiency
- Tubular Type—For high temperature applications up to 600°C
- Thermal Wheels



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