

JET STREAM EXTERNAL HEAT EXCHANGER

Description

External heating systems for highly corrosive solutions

An externally mounted recirculation tank system designed for use where space in the tank is at a premium or the element needs protection from the workload. Jet Stream is fully non-corrodible and ideal for heated nitric acid/hydrofluoric acid mixtures, hydrochloric, sulphuric and chromic acids and most other known corrosive solutions.

It is a complete system comprising heating or cooling element, two pumps (one operational, one reserve) and controls, designed to occupy minimum floor space. Modular system.



Key features

- Heats or cool strong acids
- Reduces clutter in the process tanks
- Can be maintained off line without disruption to the main process
- Complete system including recirculation pumps and control
- For steam, hot water or thermal fluid
- Can be used for cooling
- Electric version available

Used By

- Acid Pickling in Steel Strip Manufacture and Wire & Tube Manufacturers
- Metal Finishers
- Chemical Plants
- Galvanising Industry
- Aerospace Industry
- Chemical Millers

External heating or cooling system for corrosive liquids in processes like acid pickling, preflux and electroplating.

BRAUDE Products will not corrode

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Technical specification

Model	Nominal Heat Output	Length (mm)	Width (mm)	Height (mm)	Approx Max Weight (kg)
B Series	20 - 200kW	1200	510	1070	200
C Series	200 - 400kW	1500	520	1255	300

Heat Output based on steam @ 3.4 Bar. Manufacturer reserves the right to change dimensions without prior notice

Contact us, and we will calculate the required size for your application and then provide a full specification. The unit can be supplied with controller and recirculation pumps or as a stand alone heat exchanger to be incorporated into your own system.

Media	Media Temperature °C	Maximum Pressure
Thermal Fluid	up to 200	3 Bar
Saturated Steam	up to 148	3,4 Bar
Hot water	up to 115	3 Bar
Chilled water	to -15	6 Bar