

Product Name :
Plate Heat Exchanger

Product Code :
NLAB-TECHNICALAB23010

Description :

Plate Heat Exchanger

Technical Specification :

The Plate Heat Exchanger has a single heating section configured for multi-pass operation with passes in series. It comprises seven individual plates, which are clamped together using two stainless steel threaded bars and nuts.

It is possible to dismantle and reassemble the heat exchanger using only three plates to demonstrate a single pass.

A small-scale plate heat exchanger system for use with Exchange Service Unit to teach the fundamental concepts of heat exchangers.

Comprises a number of stainless steel plates, each with a pressed chevron pattern and a food grade silicon rubber sealing gasket, mounted in a frame.

Easily dismantled for cleaning.

A comprehensive instruction manual is included.

Technical Details:

They are fabricated from 316 stainless steel, with a pressed chevron pattern to promote turbulence and provide multiple support points.

Silicone rubber gaskets are used on each plate to seal the adjacent flow channels from each other.

Plate

overall dimensions: 75mm x 115mm

Effective diameter: 3.0mm

Plate thickness: 0.5mm

Wetted perimeter: 153.0mm

Projected heat transmission area:0.008m² per plate

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