

# Plate Heat Exchanger

This plate heat exchanger is designed for efficient heat transfer with a compact structure. It is pressure and temperature resistant and can be cleaned mechanically or chemically.



## Overview

### High-Efficiency Welded Plate Heat Exchanger

The BRQ0.2 welded plate heat exchanger combines the high-pressure and high-temperature resistance of column-and-tube designs with the superior efficiency of plate-type exchangers. Its lightweight, compact structure utilizes corrugated plates to induce turbulence, significantly enhancing heat transfer coefficients. Designed for versatility and reliability, this unit is resistant to scaling and offers excellent adaptability for various industrial heating, cooling, and heat recovery applications.

## Technical Specifications

### Design Features

- Welded plate construction
- Corrugated plate design for turbulence
- Counter-current flow configuration
- Compact and lightweight footprint
- High resistance to scaling

### Performance Metrics

**180 degrees**

Plate Angle

## Construction

### Core Components

Heat exchanger plates, End plates, Import flange, Export flange, Tube box, Sealed top