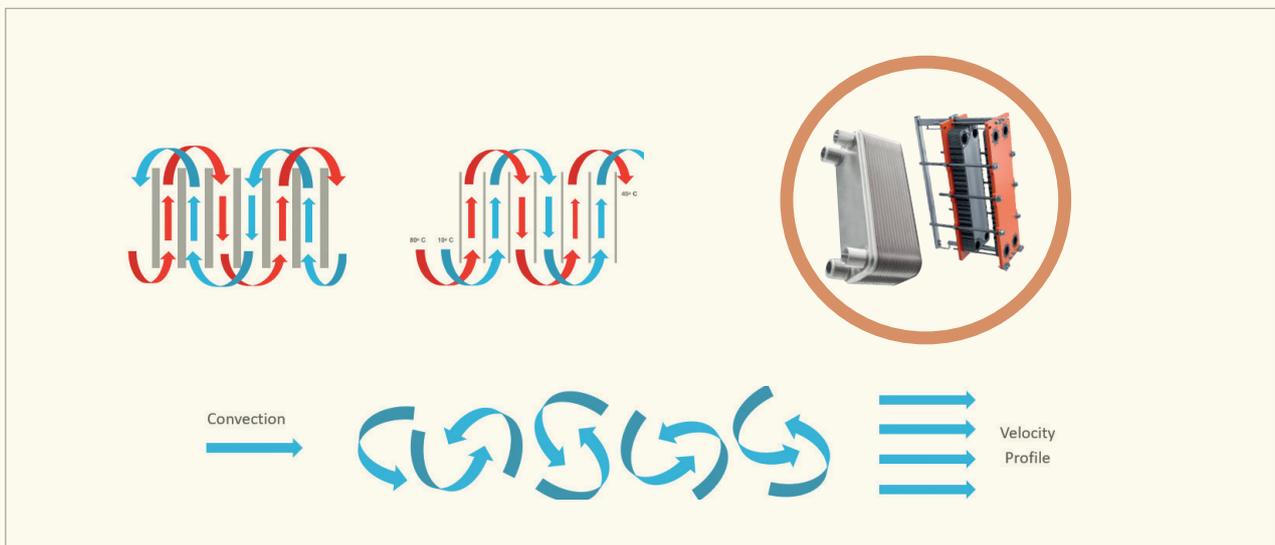


Plate Heat Exchangers: Principles & Applications

Learning Objectives:

- Understanding of the fundamental principles of Plate Heat Exchangers including the role of turbulence, pressure drop and heat transfer.
- Learning how to correctly size plate heat exchangers and what parameters to consider when writing a specification.
- Understanding of Packaged Plate Heat Exchangers, their components and the benefits of using them.



Contents

Principles

- Types of Plate Heat Exchangers
- Methods of Heat Transfer
- Turbulent v Laminar Flow
- Co-Current v Counter Current Flow
- Pressure Drop

Applications

- Sizing Plate Heat Exchangers
- Packaged Plate Heat Exchangers for DHW Generation
- Instantaneous Systems
- Semi Instantaneous Systems
- Service & Maintenance

Presentation Length: 1 Hour

Presentations can be given at customers office face-to-face, in person at CHWS offices or via Teams.