



# Alfa Laval ACH240EQ / ACK240EQ

## Brazed plate heat exchanger for air conditioning and refrigeration

### Introduction

Alfa Laval AC brazed plate heat exchangers provide efficient heat transfer with a small footprint. They are specifically designed to work in air conditioning and refrigeration applications as evaporators and condensers in chillers and heat pumps.

### Applications

#### Benefits

- Compact
- Easy to install
- Self-cleaning
- Low level of service and maintenance is required
- All units are pressure and leak tested
- Gasket free

### Branded Features



**DynaStatic™**

Flexible refrigerant distribution



**FlexFlow™**

Superior thermal performance



**IceSafe**

Controlled, non-destructive freezing



**PressureSecure**

Unparalleled strength for demanding duties



**REFuture**

A future-proof investment for tomorrow's refrigerants



**ValuePlus**

Total support – with value-adding options to fit your needs

### Design

The brazing material seals and holds the plates together at the contact points ensuring optimal heat transfer efficiency and pressure resistance. Using advanced design technologies and extensive verification guarantees the highest performance and longest possible service life.

Different pressure ratings are available for different needs.

Single-circuit design.

Asymmetric channels provide optimal efficiency in the most compact design. This results in low refrigerant charge or lower



pressure drop on the water or brine side, reducing the CO<sub>2</sub> footprint.

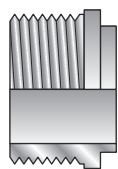
The asymmetry guarantees the best performance in both full- and partial-load conditions.

The integrated distribution system ensures an even distribution of the refrigerant throughout the plate package.

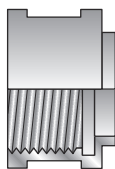
Based on standard components and a modular concept, including symmetric and asymmetric channels, each unit is custom-built to meet the specific requirements of each individual installation.

Suitable with most HFC, HFO and natural refrigerants.

Examples of connections



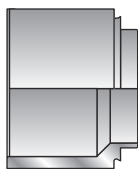
External thread



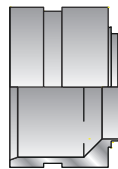
Internal thread



Soldering

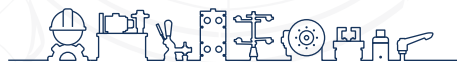


Welding



Grooved connection





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