Alfa Laval AQ1A

Gasketed plate heat exchanger for HVAC applications

Introduction

Alfa Laval AlfaQ™ is AHRI Certified® through the Liquid to Liquid Heat Exchangers (LLHE) Certification Program which ensures thermal performance in accordance with the product specifications.

This is the smallest model in the AlfaQ range of gasketed plate-and-frame heat exchangers.



Applications

- HVAC

Benefits

- High energy efficiency – low operating cost
- Flexible configuration – heat transfer area can be modified
- Easy to install – compact design
- High serviceability – easy to open for inspection and cleaning and easy to clean by CIP
- Access to Alfa Laval's global service network

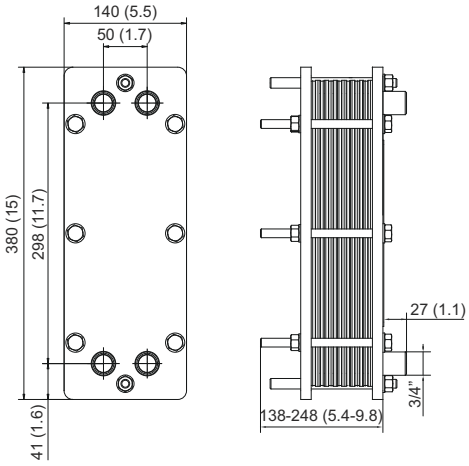
Features

Every detail is carefully designed to ensure optimal performance, maximum uptime and easy maintenance. Selection of available features, depending on configuration some features may not be applicable:

- Clip-on gasket
- Leak chamber
- Lining

Dimensional drawing

Measurements mm (inches)



Technical data

Component	Material
Heat transfer plate, Single plate:	316/316L
Field gasket:	NBR, EPDM
Pipe connections	Stainless steel, titanium
Frame plate and pressure plate:	Carbon steel, epoxy painted

Other materials may be available on request.

Operational data

Specification	Value
Pressure vessel codes	pvcALS
Temperature range °C (°F)	From -33 to +250 (from -27.4 to 482)
Pressure range barg (psig)	From absolute vacuum to 20.8 (from absolute vacuum to 301.7)

Extended pressure and temperature rating may be available on request.

Pipe connections

Connection type	Connection standard
External tapered threaded	ISO 7 - R 3/4

Other connection types may be available on request.

Certificates

AHRI CERTIFIED™
www.ahridirectory.org
Liquid to Liquid Heat Exchangers
AHRI Standard 400

Accessories

Available accessories for this product:

- Heating insulation
- Tightening bolt protection

General remarks for technical information

- The global offering presented in this leaflet may not be available for all regions
- All combinations may not be configurable

Alfa Laval service offering

Our vision is to be your trusted partner for service, driving sustainable performance together. The Alfa Laval portfolio of service offers for Plate Heat Exchangers from start-up of your operations, through operation, process improvements, and replacement. Throughout the lifecycle, we bring you more than 140 years of technical experience and innovative service solutions tailored to your business needs. Easily accessible through our people all over the world.

For information about our complete service offering and how to contact us, please visit www.alfalaval.com/service.

Sustainability at Alfa Laval

At Alfa Laval we are committed to reaching net zero 2050 across our complete value chain. Our products and solutions support our customers to meet sustainability goals, boost circular business, and develop sustainable value chains. We are living our commitments by also setting clear targets to reach net zero emissions in our own operations and to reduce emissions upstream and downstream in our value chains. For more information about our sustainability journey and our sustainability targets aimed to drive efficiency and behavioural change to achieve better results in the short- and long term, please visit www.alfalaval.com/sustainability.

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How to contact Alfa Laval

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