



AC20

Alfa Laval brazed heat exchanger for refrigeration

The AC20 is the latest Alfa Laval heat exchanger for air conditioning and heat pump system. AC20 is a single refrigerant circuit plate developed for R407C, R22 chillers operating with cooling capacity from 3 – 10 kW.

Possible application

- Evaporator dry expansion
- Condenser
- Economizer

Features

- Design pressure 32 bar
- Design temperature max 150°C

Alfa Laval performance system™

A completely new heat transfer pattern designed to increase performance in compact heat exchangers. The new pattern also minimizes pressure drop, caused by brazing joints.

Benefits vs actual CB26H

- +10% evaporator performances (kW/m²)
- + 15% condenser performances (kW/m²)

AC20 will be available with the major pressure vessel code as CE (Europe); UL (US)

Advantages of brazed plate heat exchangers in Industry and HVAC&R

The Alfa Laval Brazed plate heat exchangers (BHE) have several advantages over traditional heat exchangers in Industrial and HVAC&R applications:

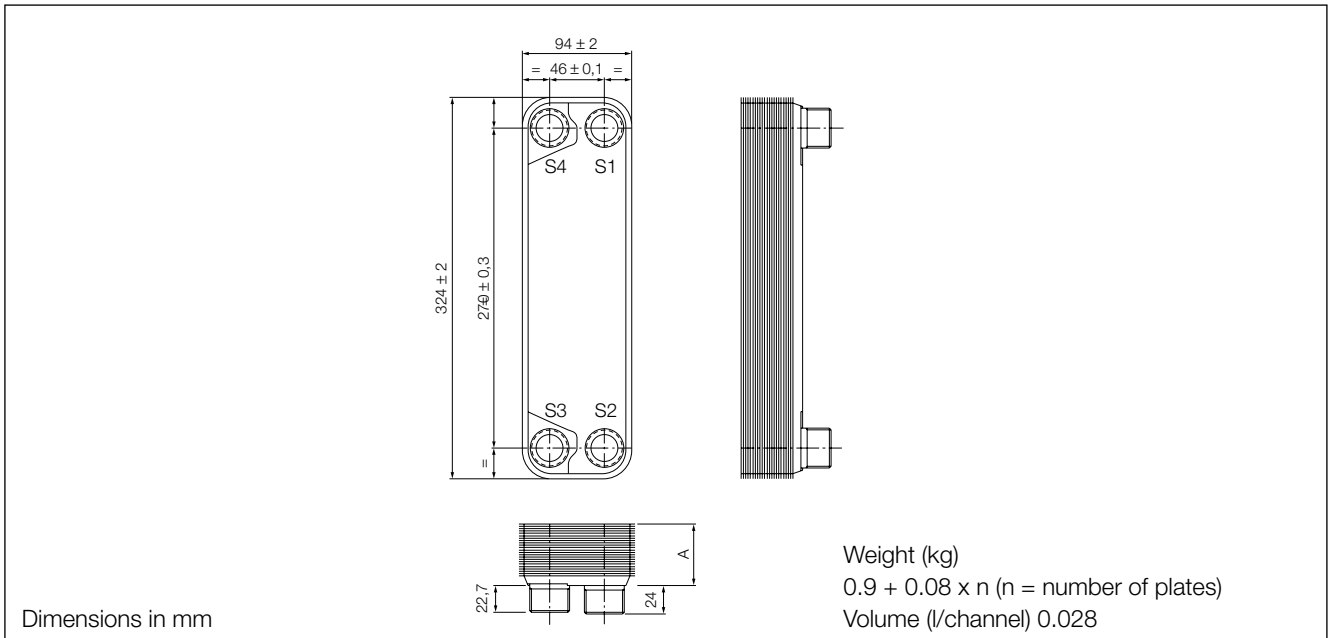
- The high heat transfer efficiency of the BHE makes it extremely compact and also easy to install in places where space is limited.
- The unit has no gaskets and is therefore suitable in applications where temperature and/or pressure is high.
- The Alfa Laval supply system reassures that, no matter where you are in the world, the BHE units are available with a very short delivery time.



Particulars required for quotation

To enable Alfa Laval's representative to make a specific quotation, enquiries should be accompanied by the following particulars:

- flow rates or heat load required
- inlet and outlet temperature
- physical properties of liquids or media
- desired working pressure
- maximum permitted brine pressure drop
- connection types



Thermal performances

