

CBH18

Brazed plate heat exchanger

The CBH18 is a heat exchanger with focus on heating applications. It has a new heat transfer pattern, which increases the turbulence and thereby the heat transfer.

Due to efficient heat transferring, outer dimensions are minimized. This is a very compact unit, which gives flexibility in design work for heating systems.

A standard range, with most of the units on stock, ensures short delivery time. Connections type on standard range is four pieces outer threaded $\frac{3}{4}$ " in stainless steel material.

Extras:

- Insulation
- Coupling (welding type in carbon steel and soldering type in brass material)



TECHNICAL DATA

Plate material

AISI 316 stainless steel

Brazing material

99.9% copper

Weight

$(n \times 0.07) + 0.4$ (kg)
n = number of plates

Volume/channel

0.039 l

Maximum number of plates

50

Third party approvals

Europe (KIWA)
Water Regulations Advisory Scheme (WRAS)

All units are leakage tested for internal and external leakage.

Maximum working temperature

225°C

Maximum working pressure

25 barg

Test pressure

40 barg

Marking

- Traceable manufacturing number
- Unit type

Flow configurations

Counter-current flow:

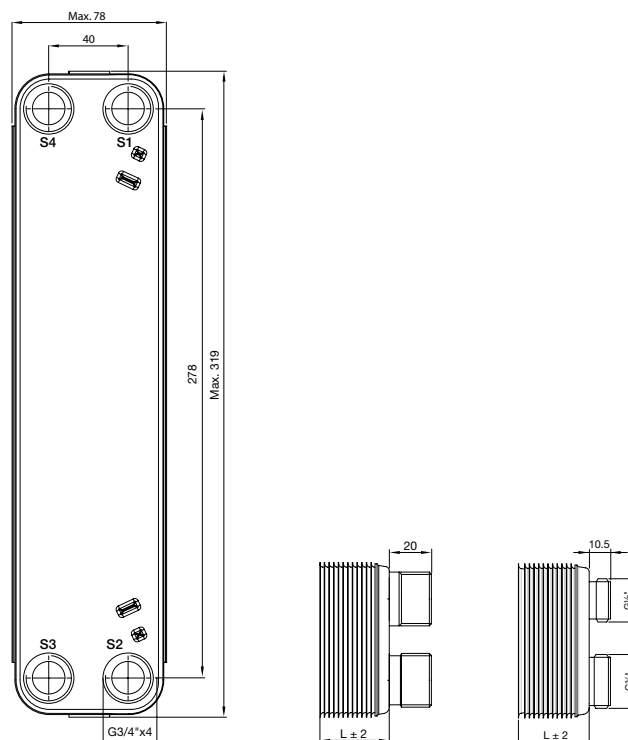
S1→S2 or S2→S1

S4←S3 S3←S4

Co-current flow:

S1→S2 or S2→S1

S4←S3 S3←S4



Standard connections

S1/S2 DIN EN ISO 228-1 – G 3/4" B

S3/S4 DIN EN ISO 228-1 – G 3/4" B

$$L = 6.5 + (2.2 \times n)$$

n = number of plates

PCT00060EN 0701

Alfa Laval reserves the right to change specifications without prior notification.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com.

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