



Heating insulation

Brazed and Fusion-bonded plate heat exchangers

The Alfa Laval heating insulations for brazed and fusion bonded plate heat exchangers are easily assembled and dismantled. The heating insulation provides protection from the heat pack and keeps the climate in the operating room dry and not too hot.

For the smaller sizes, up to CB100, the insulations can only be ordered as extras. For the larger sizes, the insulations are customized and assembled at the factory and are therefore ordered as a part of the heat exchanger.

There are different types of heating insulations to fit each demand:

Type A Heating

- Blue plastic cover with CFC-free polyurethane foam
- Thickness 30 mm
- Thermal conductivity: 0.031 w/mK
- Max. temperature: 130°C

Type B Heating

- Black EPP - polypropylen (no cover)
- Thickness 20 mm
- Thermal conductivity: 0.039 w/mK
- Max. temperature: 110 °C

Type W Heating

- Insulation: 65 mm mineral wool covered with 0.05 mm alu foil on the inside
- Cladding sheet: 1 mm Alustucco
- Lock: Galvanized steel
- Thermal conductivity: 0.024 w/mK
- Max. temperature: 200°C
- Fire class rating: A1 acc. To RD 19/12/1997
- Class 1 according to BS 476 Part 7
- Class 1 according to FM approval Standard 4450
- Euroclass D according to EN 13501-1



Type A Heating

Model	c	d	a	b	L
AC18/CB18/CB20	384	157	270	46	*)
CB30/AlfaNova 27	360	182	250	50	*)
CB60/AlfaNova 52	588	182	466	50	*)
CB110/CB112/AlfaNova 76	670	240	520	92	*)
CB100	555	315	378	138	*)
CB200	832	370	522	205	*)
CB300	1094	470	**)	213.5	*)
CB400/AlfaNova 400	1055	520	825	225	*)
AlfaNova 400					

*) Sizes to fit all standard sizes

**) Side S1, S2 = 816 mm. Side S3, S4 = 861 mm.

Type B Heating

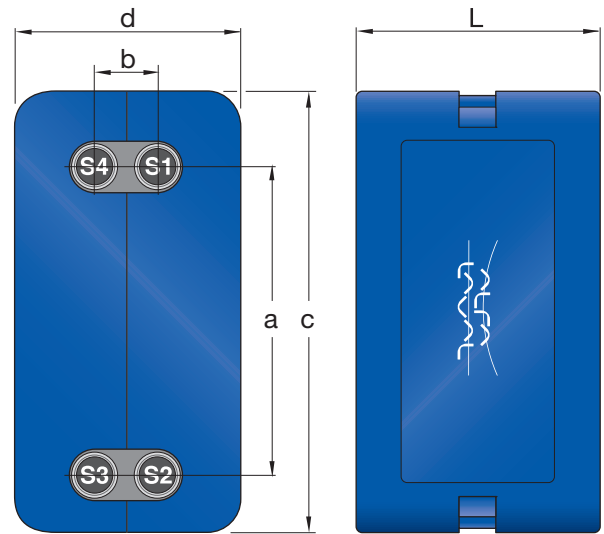
Model	c	d	a	b	L
CB14/CB16/AlfaNova 14	248	120	172	42	*)
CB18/CB20	366	137	272	46	*)
CB30/AlfaNova 27	354	156	250	50	*)
CB60/AlfaNova 52	570	156	466	50	*)

*) Sizes to fit all standard item sizes

Type W Heating

Model	c	d	a	b	L
CB400/AlfaNova 400	1055	570	825	255	*)

*) Sizes to fit all standard item sizes



How to contact Alfa Laval

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