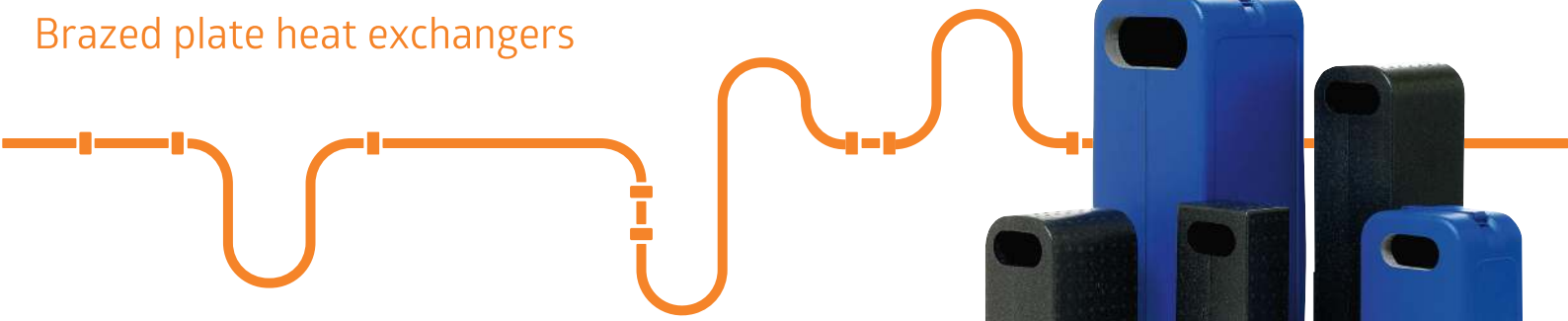


BPHE INSULATION

Brazed plate heat exchangers



The insulation saves energy due to heat loss from radiation and assures a dry and comfortable working climate in the plant room. It also provides protection to personnel from hot surfaces, which can be upward of 60°C.

For the smaller sizes, up to SSB110 / SSB112, the insulation can only be ordered as extras. For the larger sizes, the insulation are customized and assembled at the factory and are therefore ordered as a part of the heat exchanger.

The insulation can be combined with feet and support kits. Together with the rigid foot for SSB10 / SSB112, manual adjustments of the insulation may be needed.

There are three different types of insulation to fit each demand:

Type A

- Blue plastic cover with CFC-free polyurethane foam
- Thickness 30-50 mm depending on model
- Thermal conductivity: 0.031 w/mK
- Max. temperature: 130°C

Type B

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

Type W

- Insulation: 65 mm mineral wool covered with 0.05 mm alufoil 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



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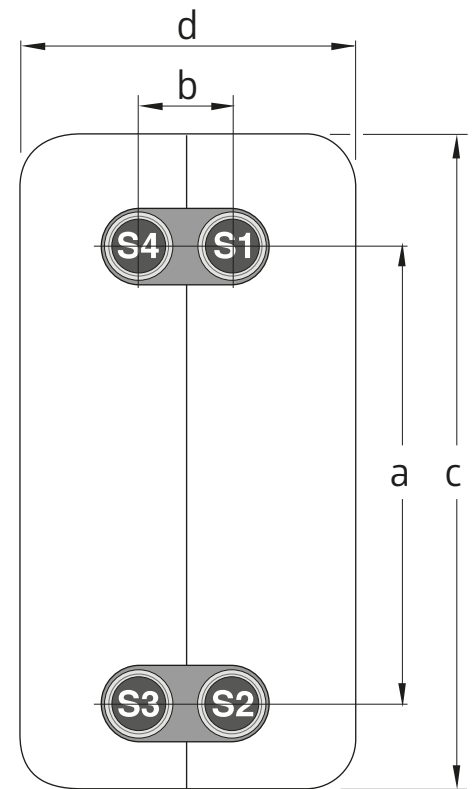
BPHE Insulation Specifications

Type A

| Model | c | d | a | b | L |
|---------------|------|-----|-----|-------|---|
| SSB18/SSB20 | 384 | 157 | 270 | 46 | * |
| SSB30 | 360 | 182 | 250 | 50 | * |
| SSB60 | 588 | 182 | 466 | 50 | * |
| SSB110/SSB112 | 670 | 240 | 520 | 92 | * |
| SSB200 | 832 | 370 | 522 | 205 | * |
| SSB300 | 1094 | 470 | ** | 213.5 | * |
| SSB400 | 1055 | 520 | 825 | 225 | * |

* Sizes to fit all standard sizes

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



Type B

| Model | c | d | a | b | L |
|-------------|-----|-----|-----|----|---|
| SSB16 | 248 | 120 | 172 | 42 | * |
| SSB18/SSB20 | 366 | 137 | 272 | 46 | * |
| SSB30 | 354 | 156 | 250 | 50 | * |
| SSB60 | 570 | 156 | 466 | 50 | * |

* Sizes to fit all standard item sizes

Type W

| Model | c | d | a | b | L |
|--------|------|-----|-----|-----|---|
| SSB400 | 1055 | 570 | 825 | 255 | * |

* Sizes to fit all standard item sizes

