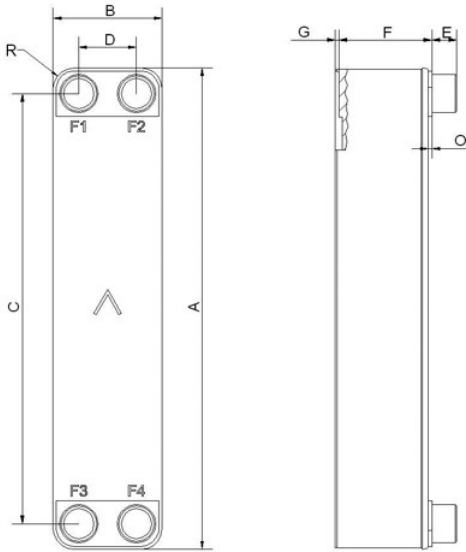


# SWEP B80AS

The B80AS is built on the successful 80 platform and adds the advantages of our patented AsyMatrix® technology to deliver increased thermal performance and reduced pressure drop. The B80AS shares the same physical aspects of the current B80, enabling it to be used as a drop-in improvement in existing systems. Target applications for the B80AS are in heat pump and chiller installations, and in transmission oil cooling and heating.



|                                       |   |
|---------------------------------------|---|
| <b>Maximum number of plates (NoP)</b> | 140   |
| <b>Max flow</b>                       | 17 m³/h (74.85 gpm)                             |
| <b>Channel volume</b>                 | 0.1/0.122 dm³ (0.0035/0.0043 ft³)               |
| <b>Material</b>                       | 316/316L stainless steel plates, copper brazing |
| <b>Weight excl. connections</b>       | 2.09+(0.164*NoP) kg<br>4.61+(0.362*NoP) lb      |
| <b>Max Particle Size (mm)</b>         | 1   |



| #   | MM           | IN               |
|-----|--------------|------------------|
| A   | 526          | 20.71            |
| B   | 119          | 4.69             |
| C   | 470          | 18.5             |
| D   | 63           | 2.48             |
| E_1 | 27           | 1.06             |
| E_2 | 45           | 1.77             |
| F   | 4+2.24*(NoP) | 0.16+0.09 *(NoP) |
| G   | 6            | 0.24             |
| R   | 23           | 0.91             |

