

# SWEP PLATE HEAT EXCHANGER E5ASH – 40 PLATES



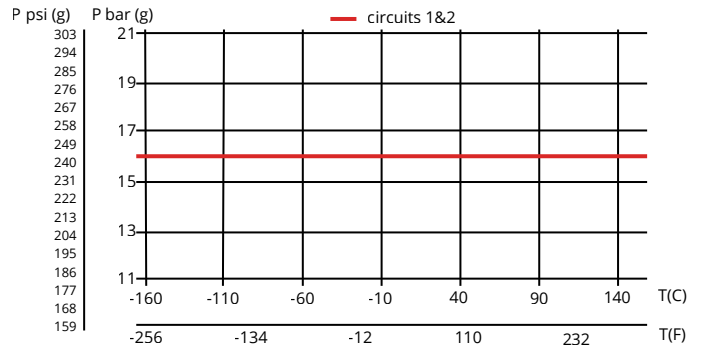
## Function

E5AS is a product equipped with the patented AsyMatrix® technology and optimized for the production of domestic hot water for boilers. Compared to symmetric heat exchangers, it offers a significantly lower pressure drop and a thermal length suitable for condensing boiler systems. The unit features a set of active plates at the front and top, providing mechanical stability while enhancing active heat transfer, resulting in higher efficiency with less material.

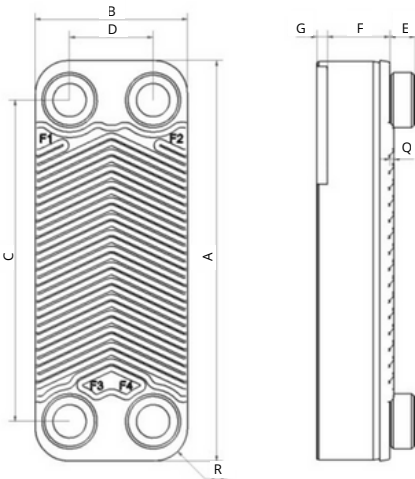
## Technical data

Maximum Number of Plates (NoP)	40
Maximum Volumetric Flow	4 m <sup>3</sup> /h (17.61 gpm)
Channel Volume	0.022/0.028 dm <sup>3</sup>
Materials	Plates in Stainless Steel 316/316L
Weight Excluding Connections	0.29+(0.044*NoP) kg 0.64+(0.097*NoP) lb
Maximum Particle Size (mm)	1

## Pressure/temperature port



## Dimensions



#	MM	IN
A	192	7.56
B	73	2.87
C	154	6.06
D	40	1.57
F	2+(2.17*(NoP-2))	0.08 (0.08*(NoP-0.08))
G	7	0.28
Q	2	0.08
R	16	0.63
E_1	12	0.47