

HEATING INSULATION for BPHE

-Snap-On Thermal Shells for Every Plate Count



Key Features

- **Flexible Modular Design**

The insulation system is adaptable to various BPHE thicknesses by adding or removing modular center rings. It fits a wide range of plate numbers with no special tools required.

- **Easy Assembly & Disassembly**

The insulation is lightweight and designed for quick manual installation or removal, making maintenance more convenient and reducing downtime.

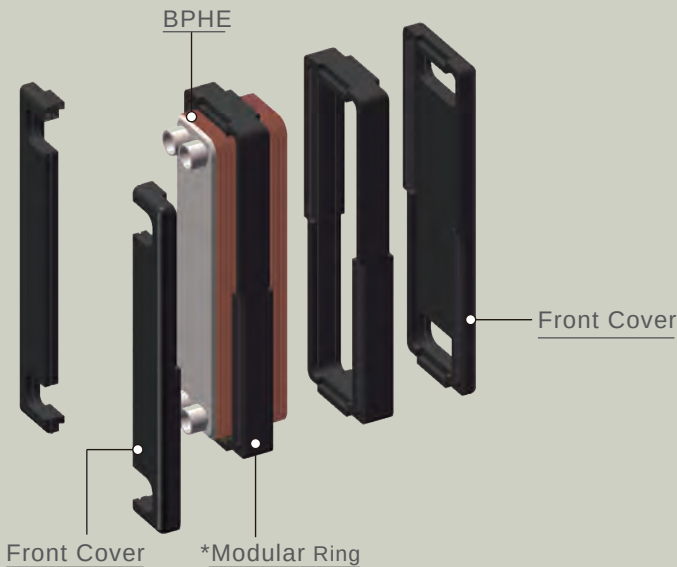
- **Thermal Efficiency & Surface Protection**

Made from Expanded Polypropylene (EPP), it ensures low thermal conductivity (0.035 W/m·K), helping to minimize heat loss and stabilize ambient room temperatures.

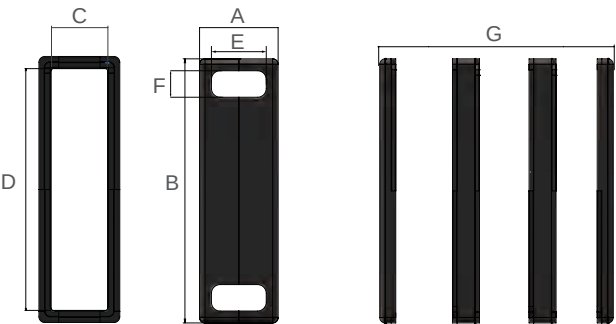
- **Durable and Lightweight**

With a density of 45–60 kg/m³, the material offers excellent mechanical strength while remaining light and easy to handle.

Exploded View – Modular Assembly



** Adding or removing modular center rings to fit BPHE thickness*



** Dimensions in mm*

Technical data							
Material	Expanded Polypropylene (EPP)						
Fire protection class	DIN 4102						
Density	45-60 KG/ m3						
Heat conductivity	0.035 W/mk						
Thickness	20 mm						
Max. Temperature	80°C						

Size	A	B	C	D	E	F	G
B26	175	358	127	310	125	58	30+38 N
B50	168	576	120	528	166	56	30+38 N
B95	249	660	200	620	198	63	30+24 N
B120	295	577	247	529	245	63	30+38 N

*** N is the number of the modular ring*