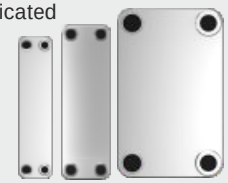
SWEP Double Wall
– increased efficiency and safety

SWEP double-wall, high-quality products combine high efficiency with double-wall technology while keeping the advantages of the brazed plate heat exchanger – including compactness. These products are dedicated to applications where the fluids must not mix, such as heat pump applications, boilers, transformer oil cooling, de-super heaters, and heat recovery from air compressors.



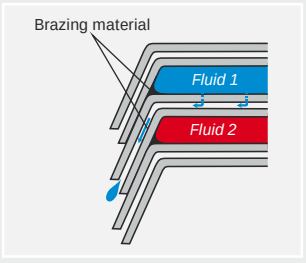
High-quality products

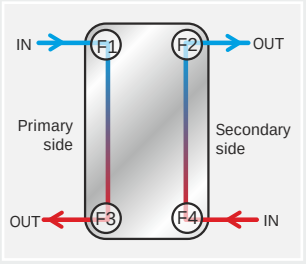
SWEP's Double Wall range is produced in a unique way with full control of the process. At SWEP, quality and safety are high priorities, and all products are individually pressure- and leak-tested for safe operation and long lifespan.

SWEP double wall technology

SWEP's Double Wall technology ensures that liquids do not mix and makes any internal leaks visible – important factors in applications where safety is a priority.

- Internal leakage can be detected
- Exceptional double-wall thermal efficiency





Port denomination of a SWEP BPHE

Challenge efficiency

At SWEP, we believe our future rests on giving more energy than we take – from our planet and our people. That's why we pour our energy into leading the conversion to sustainable energy usage in heat transfer. Over three decades, the SWEP brand has become synonymous with challenging efficiency.

SWEP is a world-leading supplier of brazed plate heat exchangers and prefabricated energy transfer stations for HVAC and industrial applications. With over 1,000 dedicated employees, carefully selected business partners, global presence with production, sales and heartfelt service, we bring a level of expertise and customer intimacy that's redefining competitive edge for a more sustainable future. SWEP is part of Dover Corporation, a multi-billion-dollar, diversified manufacturer of a wide range of proprietary products and components for industrial and commercial use.

SWEP A DOVER COMPANY

SWEP International AB
Box 105, SE-261 22 Landskrona, Sweden
Tel. +46 418 40 04 00
Internet: www.swep.net E-mail: info@swep.net

Printed on 100% recycled paper. SWEP is an ISO 14001 Certified company.

Double Wall
increased efficiency and safety

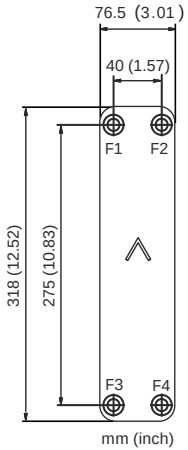
SWEP A DOVER COMPANY

B8DW

The B8DW is our most compact double wall unit optimized for small to medium capacities. The B8DW is offering high thermal length suitable for heat recovery and tap water heating where tight temperature approach and low return temperature is a requirement.

Pressure classes

M Medium, evaluated per EN 13345 (38-48 bar/550-696 PSI).



Max number of plates (NoP)	70
Port size F1/P1	17,5 mm (0.69 in)
Port size F2/P2	17,5 mm (0.69 in)
Port size F3/P3	17,5 mm (0.69 in)
Port size F4/P4	17,5 mm (0.69 in)
Max volume flow	4,8 m³/h (21 gpm)

Materials	Channel plate	Brazing
SC	Stainless steel	Copper

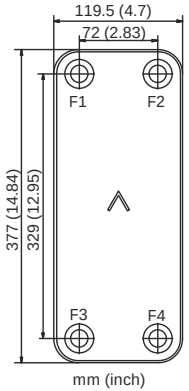
Size	Height of plate pack	Total weight
SC M	4+(1.57×NoP) mm	0.84+(0.118×NoP) kg
	0.157+(0.062×NoP) in	1.85+(0.26×NoP) lb

B16DW

The B16DW is our optimized product for medium capacities, targeting heat recovery and tap water heating.

Pressure classes

S Standard, evaluated per EN 13345 (25-38 bar/363-550 PSI).
M Medium, evaluated per EN 13345 (38-48 bar/550-696 PSI).
H High, evaluated per EN 13345 (42-56 bar/609-812 PSI).



Max number of plates (NoP)	140
Port size F1/P1	27 mm (1.063 in)
Port size F2/P2	27 mm (1.063 in)
Port size F3/P3	27 mm (1.063 in)
Port size F4/P4	27 mm (1.063 in)
Max volume flow	11 m³/h (48.4 gpm)

Materials	Channel plate	Brazing
SC	Stainless steel	Copper

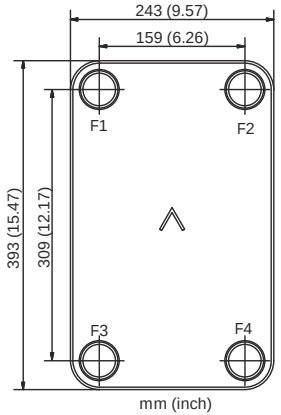
Size	Height of plate pack	Total weight
SC S SC M SC H	4+(2×NoP) mm	1.55+(0.22×NoP) kg
	0.157+(0.079×NoP) in	3.42+(0.485×NoP) lb

B35TDW

The B35TDW targets applications in the higher capacity ranges, focusing on de-super heaters, boilers, transformer oil cooling, and heat recovery from air compressors.

Pressure classes

H High, evaluated per EN 13345
(47 bar at 135°C 682 PSI at 275°F).



Max number of plates (NoP)	260
Port size F1/P1	61 mm (2.402 in)
Port size F2/P2	61 mm (2.402 in)
Port size F3/P3	61 mm (2.402 in)
Port size F4/P4	61 mm (2.402 in)
Max volume flow	58 m³/h (255.2 gpm)

Materials	Channel plate	Brazing
SC	Stainless steel	Copper

Size	Height of plate pack	Total weight
SC H	18+(2.53×NoP) mm	12.3+(0.494×NoP) kg
	0.709+(0.1×NoP) in	27.11+(1.09×NoP) lb