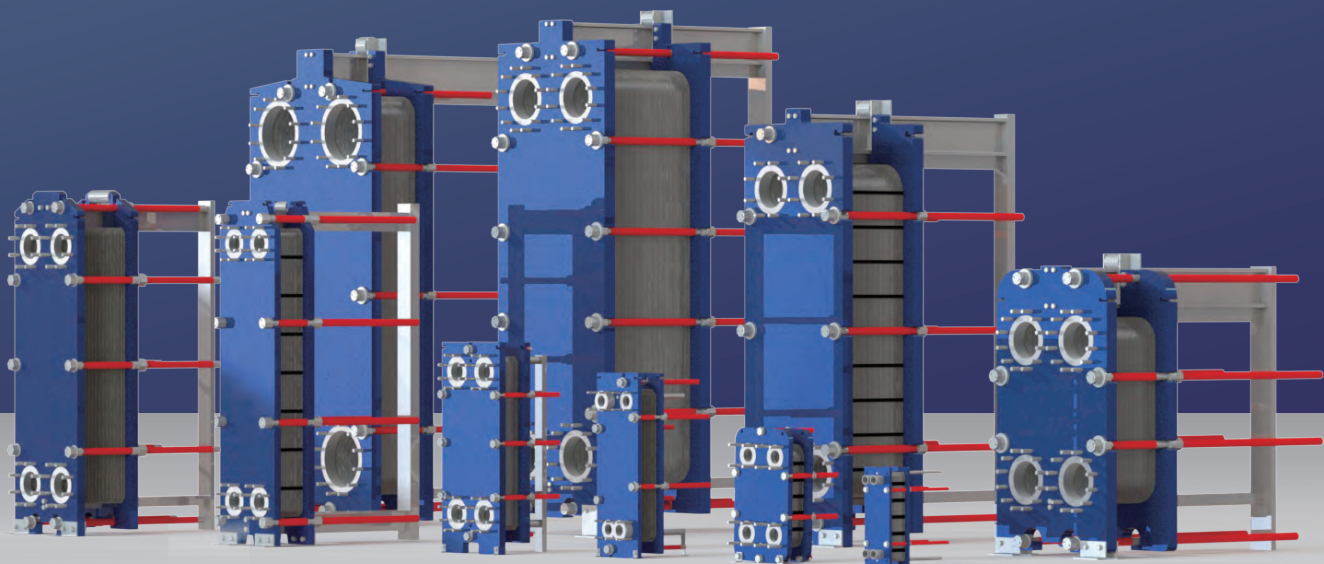


GASKET PHE



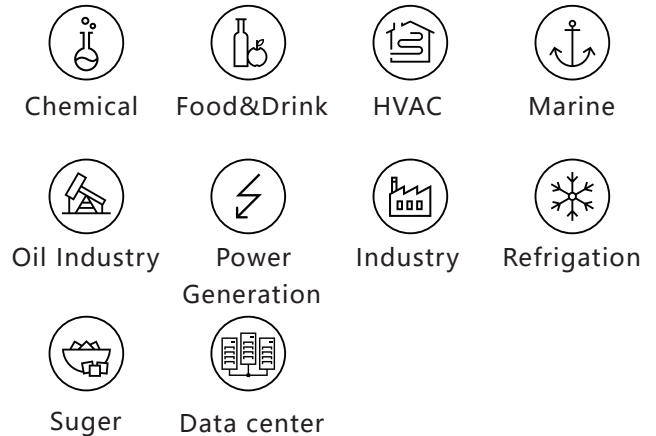
Introduction:

A Gasketed Plate Heat Exchanger (PHE) is a compact and highly efficient heat transfer device consisting of multiple thin, corrugated plates that are assembled within a frame. Gaskets between the plates create sealed flow channels, enabling effective heat exchange between two fluids while preventing mixing. It is widely used in industries such as HVAC, food processing, chemical processing, and power generation.

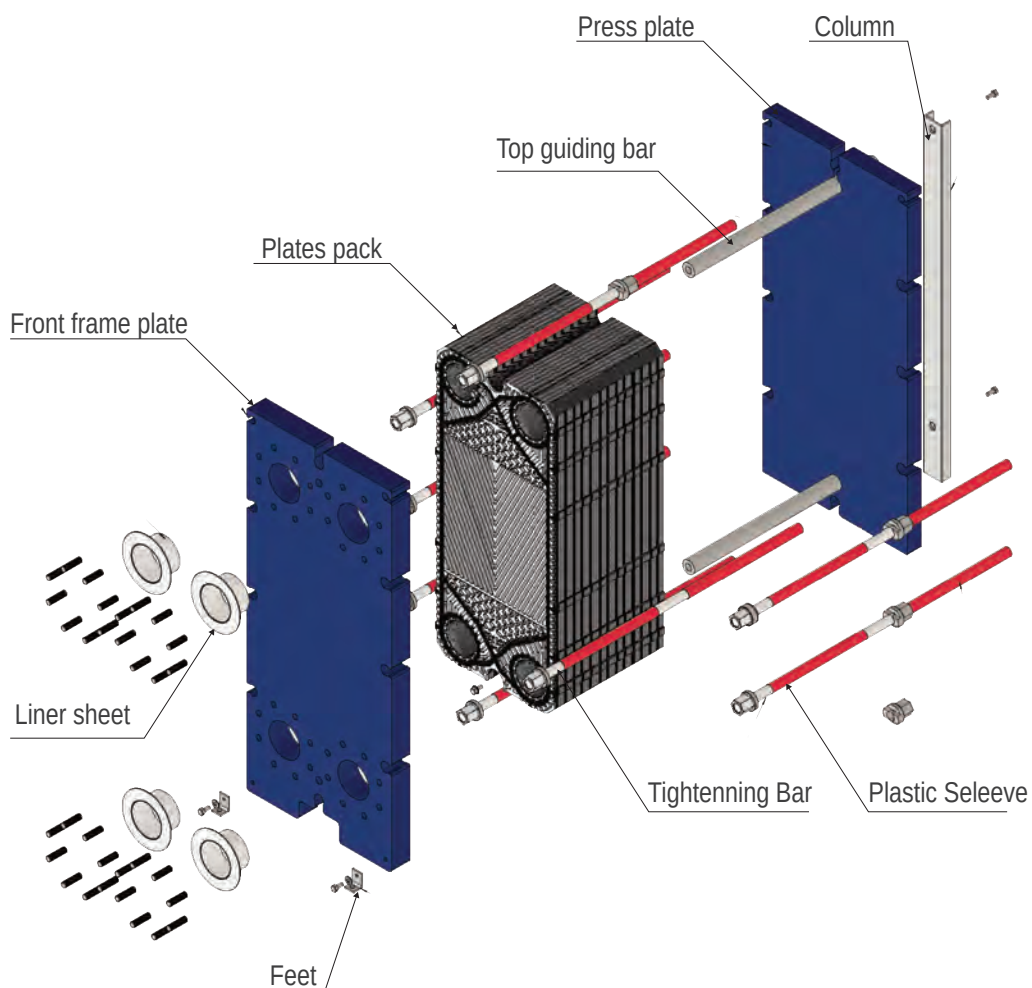
Advantages:

- High Efficiency:
- Compact Design:
- Flexibility and Scalability:
- Easy Maintenance:
- Customizable Design:
- Energy Efficiency:

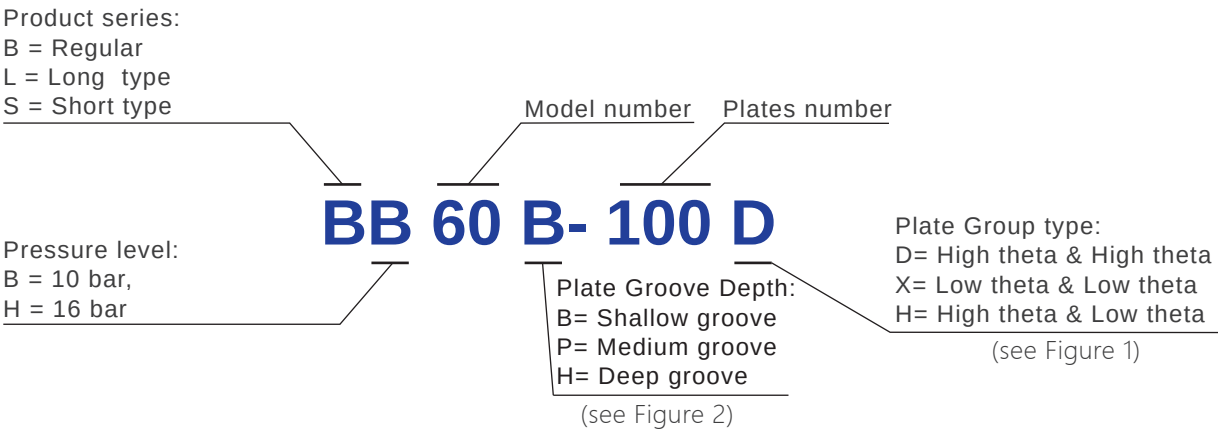
Applications:



Gasket plate heat exchanger construction



Model Code Explanation:



(Figure 1)

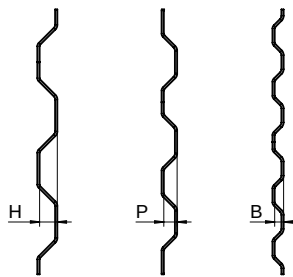
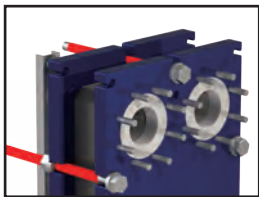


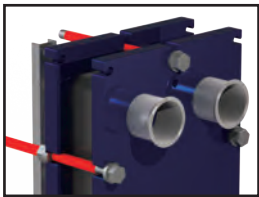
Plate Groove Depth

(Figure 2)

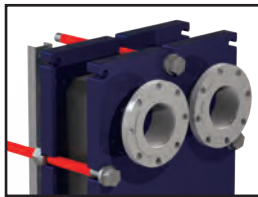
Connections Available



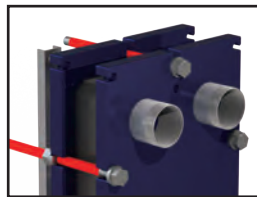
Studs types



Clamp

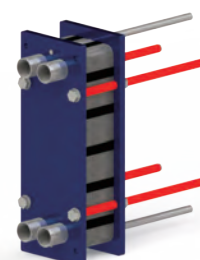
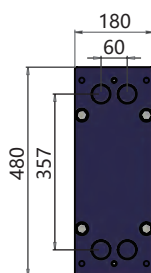


Flange



Thread

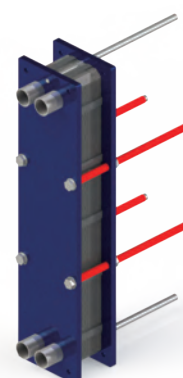
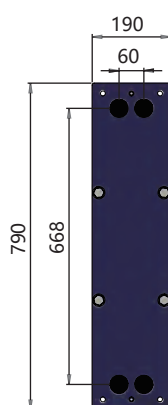
BB30B/ BH30B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 14
Free channel (mm): 2.5
Plate Area (m²): 0.032
Volume per channel (L): 0.09
Port Size (mm): 1.25"

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

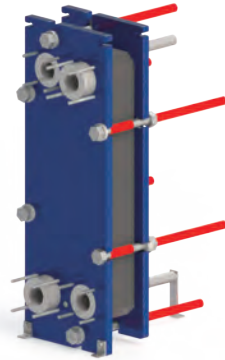
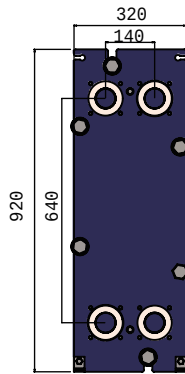
LB30B/ LH30B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 18
Free channel (mm): 1.8
Plate Area (m²): 0.075
Port Size (mm): 1.25"

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

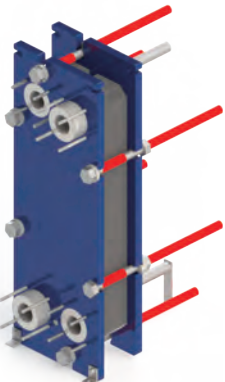
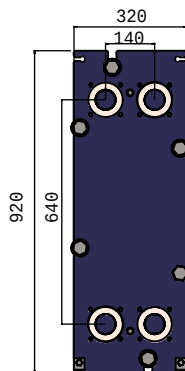
BB60B/ BH60B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 54
Free channel (mm): 2
Plate Area (m²): 0.15
Volume per channel (L): 0.3
Port Size (mm): DN50
Plate weight (kgs): 0.74

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

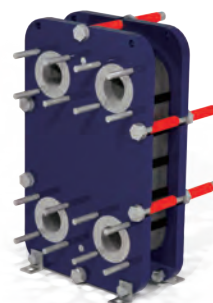
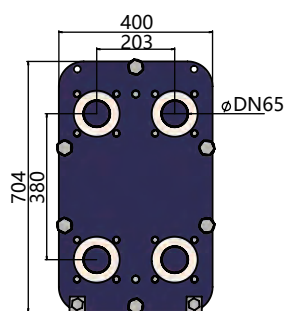
BB60H/ BH60H



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 54
Free channel (mm): 3
Plate Area (m²): 0.15
Volume per channel (L): 0.43
Port Size (mm): DN50
Plate weight (kgs): 0.74

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

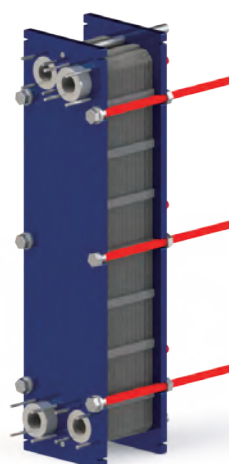
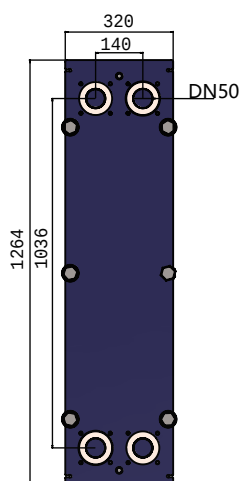
SB60H/ SH60H



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 72
Free channel (mm): 3.95
Plate Area (m²): 0.086
Volume per channel (L): 0.46
Port Size (mm): DN65
Plate weight (kgs): 0.73

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

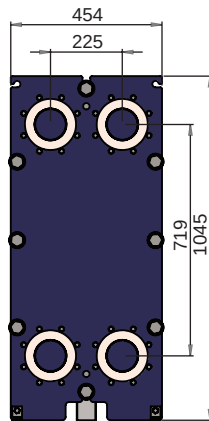
LB60B/ LH60B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 72
Free channel (mm): 2
Plate Area (m²): 0.255
Volume per channel (L): 0.42
Port Size (mm): DN65
Plate weight (kgs): 1.14

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

BB100B/ BH100B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 180
Free channel (mm): 2.5
Plate Area (m²): 0.24
Volume per channel (L): 0.66
Port Size (mm): DN100
Plate weight (kgs): 1.25

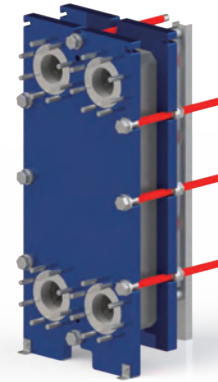
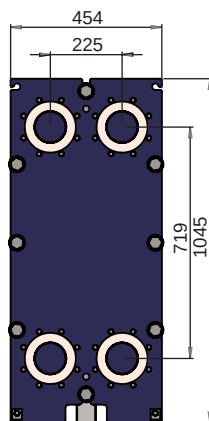


Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

BB100H/ BH100H



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 180
Free channel (mm): 3.95
Plate Area (m²): 0.24
Volume per channel (L): 1.0
Port Size (mm): DN100
Plate weight (kgs): 1.25

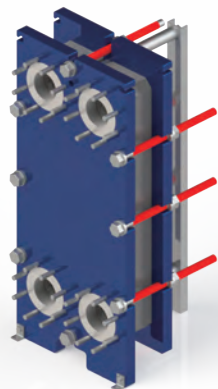
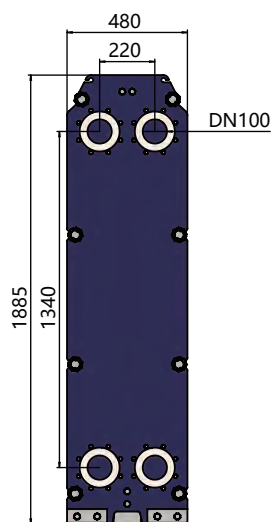


Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

LB100B/ LH100B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 180
Free channel (mm): 2
Plate Area (m²): 0.5
Volume per channel (L): 0.9
Port Size (mm): DN200
Plate weight (kgs): 2.23

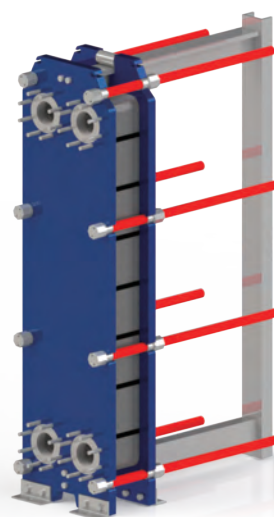
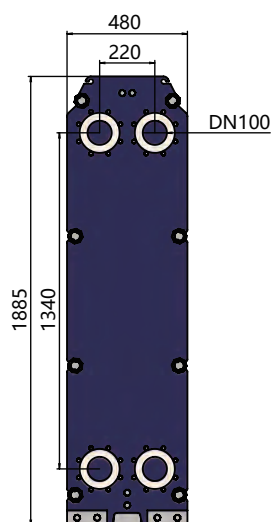


Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

LB100P/ LH100P



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 180
Free channel (mm): 3
Plate Area (m²): 0.5
Volume per channel (L): 0.6
Port Size (mm): DN100
Plate weight (kgs): 2.23

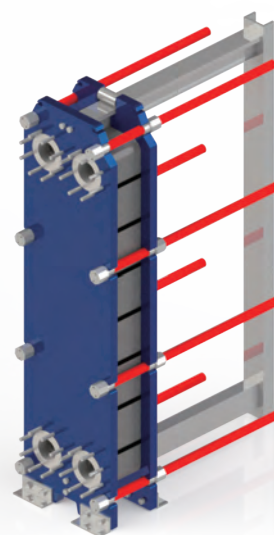
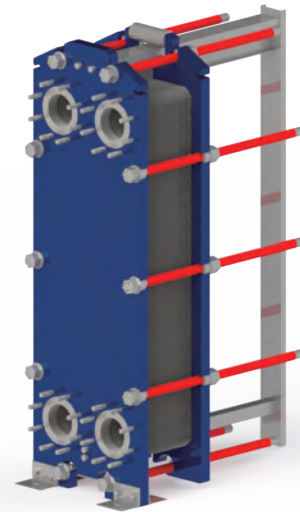
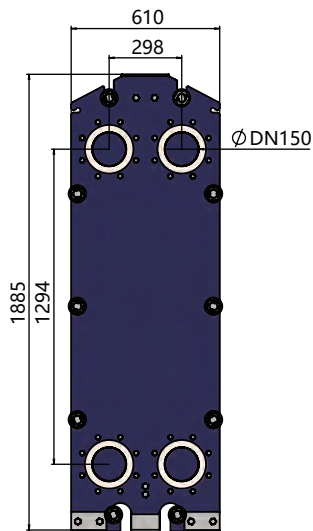


Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

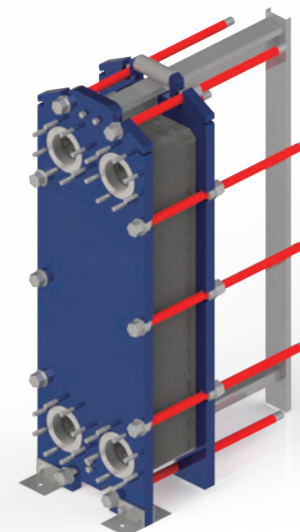
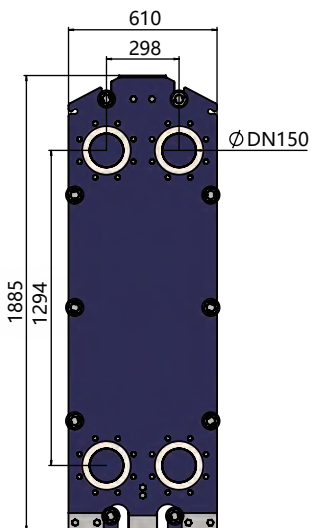
BB150B/ BH150B



Max pressure (bar): 10 / 16
 Max flowrate (m³/h): 290
 Free channel (mm): 2.5
 Plate Area (m²): 0.65
 Volume per channel (L): 1.55
 Port Size (mm): DN150
 Plate weight (kgs): 2.95

Plate thickness (mm): 0.5 / 0.6
 Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
 Gasket material: NBR, EPDM, VITON (FKM)
 Gasket type: Clip-on
 Flow: Parallel

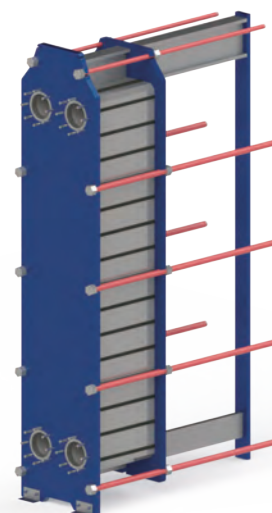
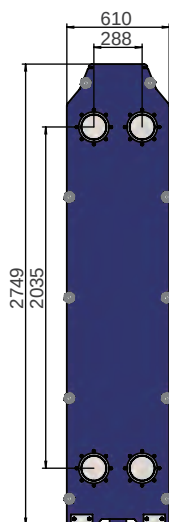
BB150H/ BH150H



Max pressure (bar): 10 / 16
 Max flowrate (m³/h): 290
 Free channel (mm): 3.95
 Plate Area (m²): 0.65
 Volume per channel (L): 2.5
 Port Size (mm): DN150
 Plate weight (kgs): 2.95

Plate thickness (mm): 0.5 / 0.6
 Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
 Gasket material: NBR, EPDM, VITON (FKM)
 Gasket type: Clip-on
 Flow: Parallel

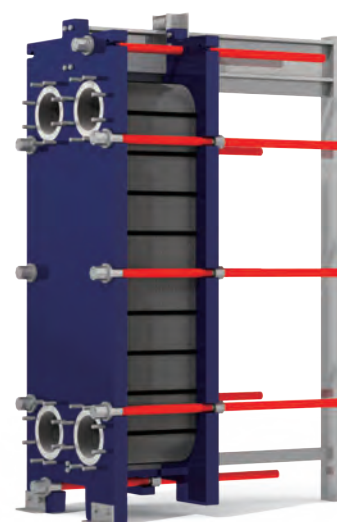
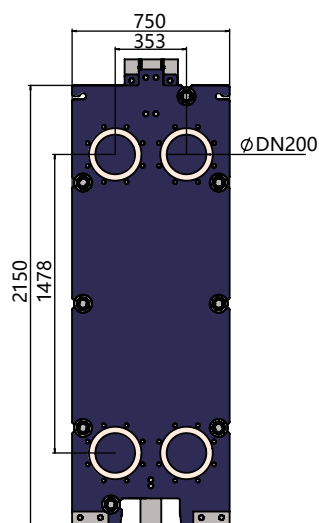
LB150B/ LH150B



Max pressure (bar): 10 / 16
 Max flowrate (m³/h): 432
 Free channel (mm): 1.9
 Plate Area (m²): 1.1
 Port Size (mm): DN150
 Plate weight (kgs): 4.2

Plate thickness (mm): 0.5 / 0.6
 Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
 Gasket material: NBR, EPDM, VITON (FKM)
 Gasket type: Clip-on
 Flow: Parallel

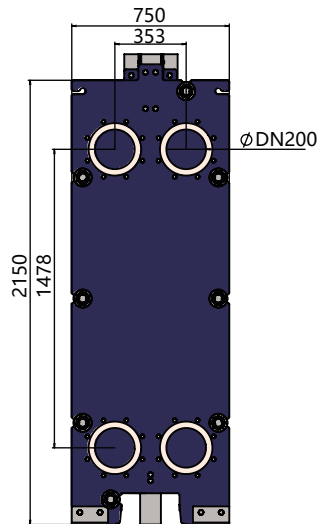
BB200B/ BH200B



Max pressure (bar): 10 / 16
 Max flowrate (m³/h): 720
 Free channel (mm): 2
 Plate Area (m²): 0.9
 Volume per channel (L): 2
 Port Size (mm): DN200
 Plate weight (kgs): 4.33

Plate thickness (mm): 0.5 / 0.6
 Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
 Gasket material: NBR, EPDM, VITON (FKM)
 Gasket type: Clip-on
 Flow: Parallel

BB200P/ BH200P



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 720
Free channel (mm): 3
Plate Area (m²): 0.9
Volume per channel (L): 2.75
Port Size (mm): DN200
Plate weight (kgs): 4.33

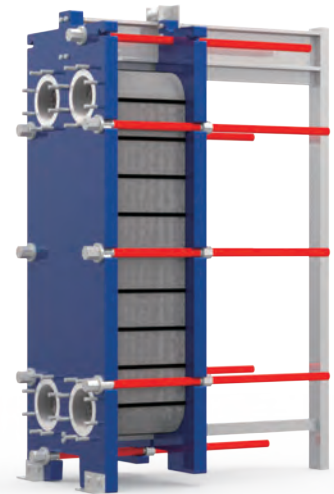
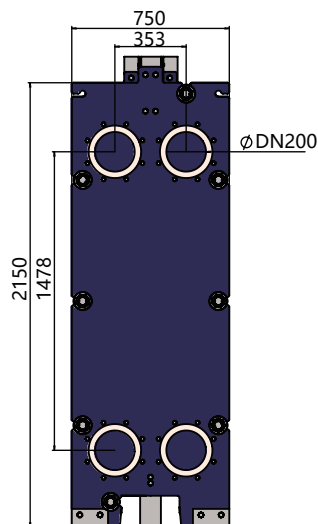


Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

BB200H/ BH200H



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 720
Free channel (mm): 4
Plate Area (m²): 0.9
Volume per channel (L): 3.67
Port Size (mm): DN200
Plate weight (kgs): 4.33

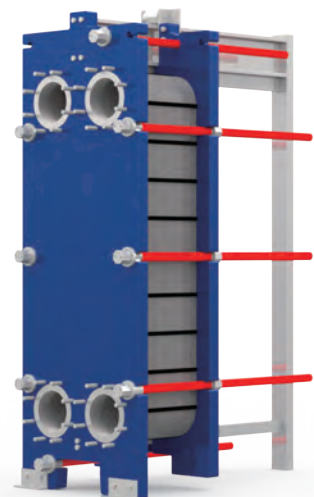
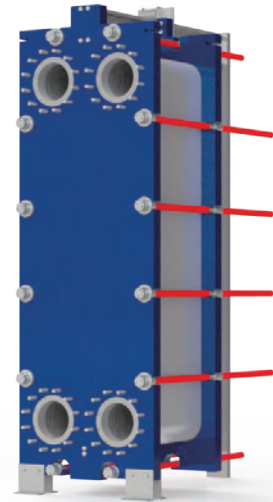
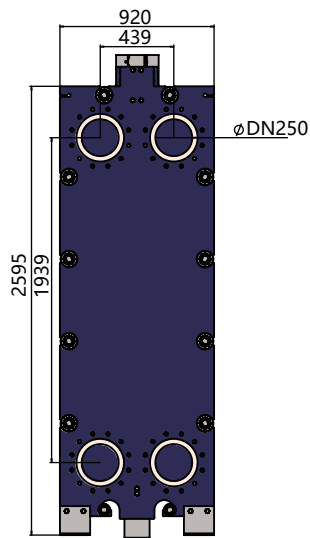


Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

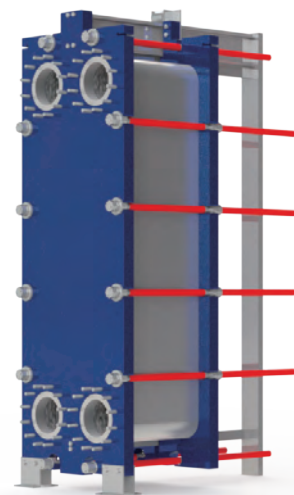
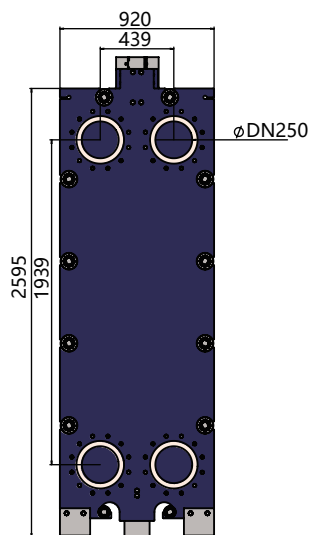
BB250B/ BH250B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 900
Free channel (mm): 2.5
Plate Area (m²): 1.5
Volume per channel (L): 3.62
Port Size (mm): DN250
Plate weight (kgs): 6.69

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

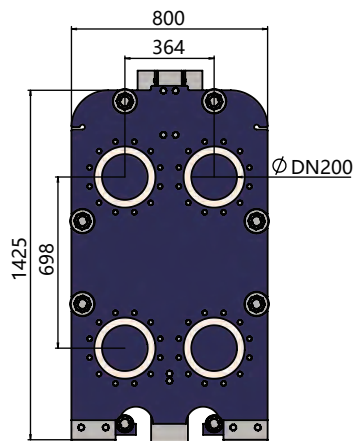
BB250H/ BH250H



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 900
Free channel (mm): 3.95
Plate Area (m²): 1.5
Volume per channel (L): 5.5
Port Size (mm): DN250
Plate weight (kgs): 6.69

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

SB200H/ SH200H



Max pressure (bar): 10 / 16
 Max flowrate (m³/h): 690
 Free channel (mm): 4
 Plate Area (m²): 0.3
 Port Size (mm): DN200
 Plate weight (kgs): 2.4

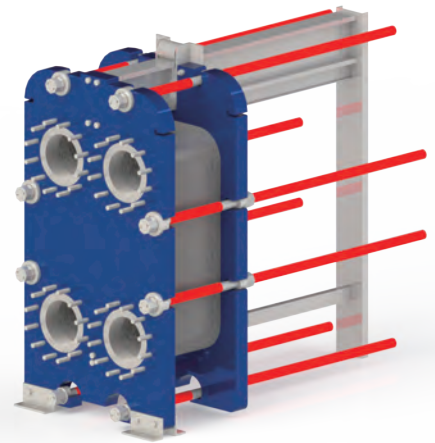
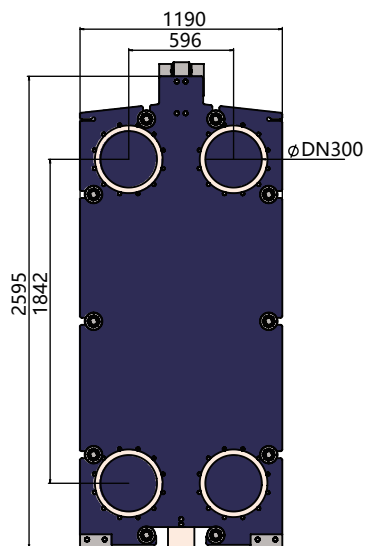


Plate thickness (mm): 0.5 / 0.6
 Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
 Gasket material: NBR, EPDM, VITON (FKM)
 Gasket type: Clip-on
 Flow: Parallel

BB300B/ BH300B



Max pressure (bar): 10 / 16
 Max flowrate (m³/h): 1800
 Free channel (mm): 3.4
 Plate Area (m²): 1.85
 Volume per channel (L): 6.3
 Port Size (mm): DN300
 Plate weight (kgs): 8.91

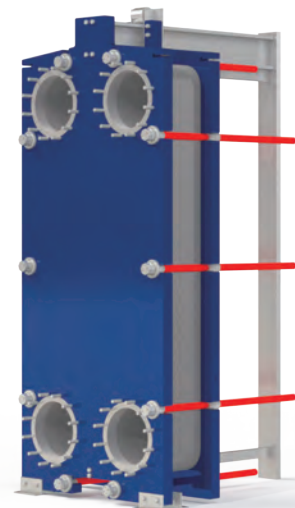
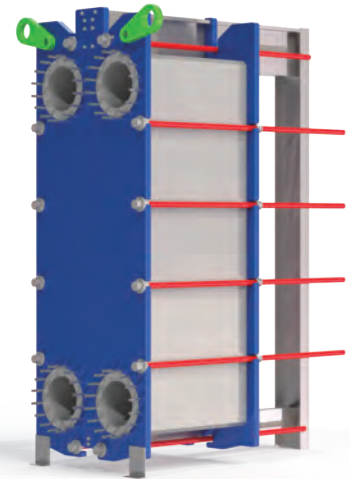
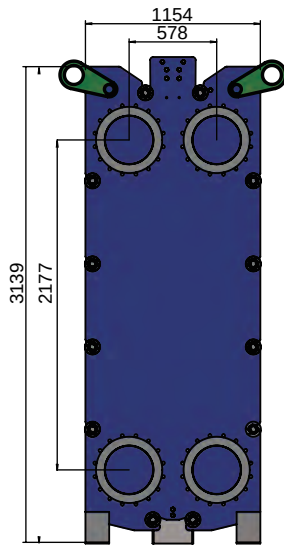


Plate thickness (mm): 0.5 / 0.6
 Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
 Gasket material: NBR, EPDM, VITON (FKM)
 Gasket type: Clip-on
 Flow: Parallel

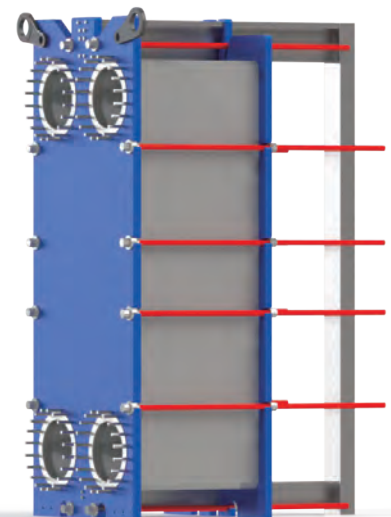
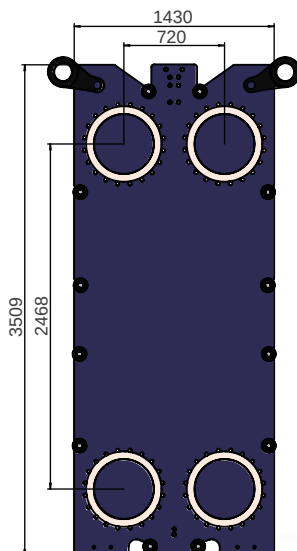
LB350B/ LH350B



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 2340
Free channel (mm): 2.5
Plate Area (m²): 2.2
Port Size (mm): DN350
Plate weight (kgs): 10.4

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

BB450H/ BH450H



Max pressure (bar): 10 / 16
Max flowrate (m³/h): 3491
Free channel (mm): 4
Plate Area (m²): 2.8
Port Size (mm): DN450
Plate weight (kgs): 9.4

Plate thickness (mm): 0.5 / 0.6
Plate material: SS304, 316L, 904L, Ti, 276, SMO, Ni
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel