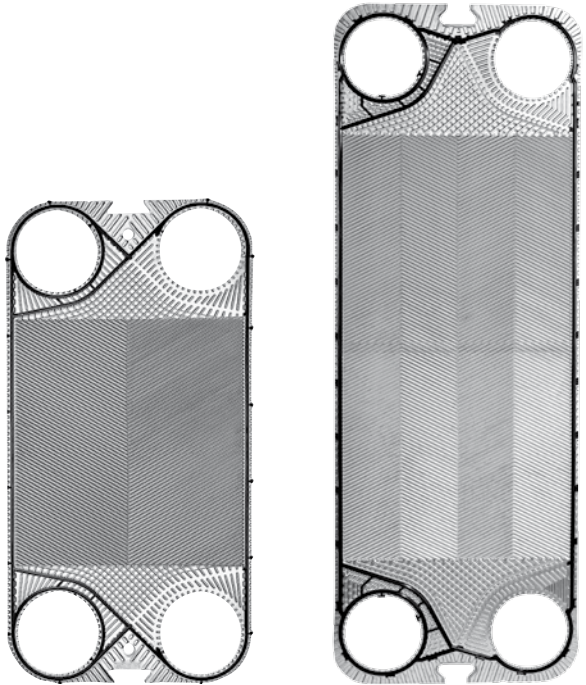


**PRODUCT RANGE DN 200+**

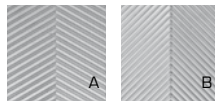
**STANDARD OR CUSTOMIZED**





Product Range	S650+		S990+	
Exchange area [m <sup>2</sup> ]	0,606		0,972	
Width [mm]	678		668	
Height [mm]	1340		1825	
Connections diameter	DN200 8"		DN200 8"	
Channel capacity [l]	2,109		2,399	
Tightening quote [mm]	3,3		3,1	
Plate weight (with gasket) [Kg]	3,18		4,5	
Corrugation angle	A/B		A/B	
Max. water flowrate [m <sup>3</sup> /h]	800		730	
PS=> Max working pressure [bar]	10	16	10	16

Ex art. 3.3 D.Lgs. 93 of 25/02/2000 in accordance with Directive 97/23/CE.  
Announced pressions are referred to AISI 316L plates.



Plates are available in two thermal lengths (A/B)

DN32

DN50

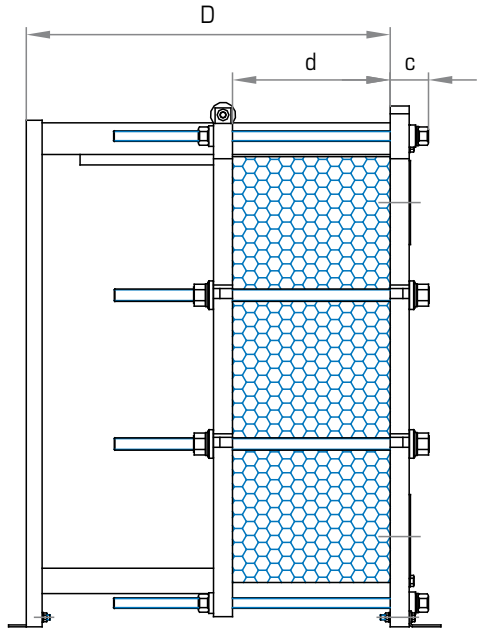
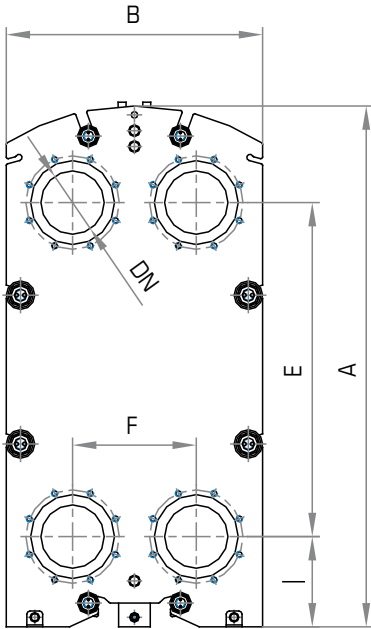
DN65

DN100

DN150

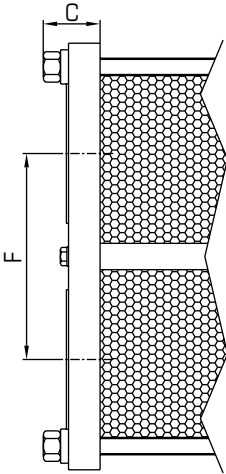
**DN200**

# Frames dimensions



	S650+				S990+				
A	1645				2206 2190				
B	810				790				
E	1055				1536				
F	391				396				
I	285				285				
Np max	151	251	351	551	151	251	351	551	
D max	1150	1750	2150	3060	1160	1760	2160	3060	
d (A-A)	3,3 x Np				3,1 x Np				
DN	DN200 8"				DN200 8"				
A-A B-B C-C E-E U-U V-V	C	PS10		PS16		PS10		PS16	
		123		133		111		121	
A-A B-B C-C E-E	Cl	4		4		4		4	
U-U V-V	Cl	0		0		0		0	

All dimensions are in mm - Np = number of plates



**A-A**

Studded ports  
Rubber lining  
EN 1092-1.

**B-B**

Studded ports  
AISI 316 lining  
EN 1092-1.

**U-U**

Studded ports  
Unlined  
EN 1092-1.

**C-C**

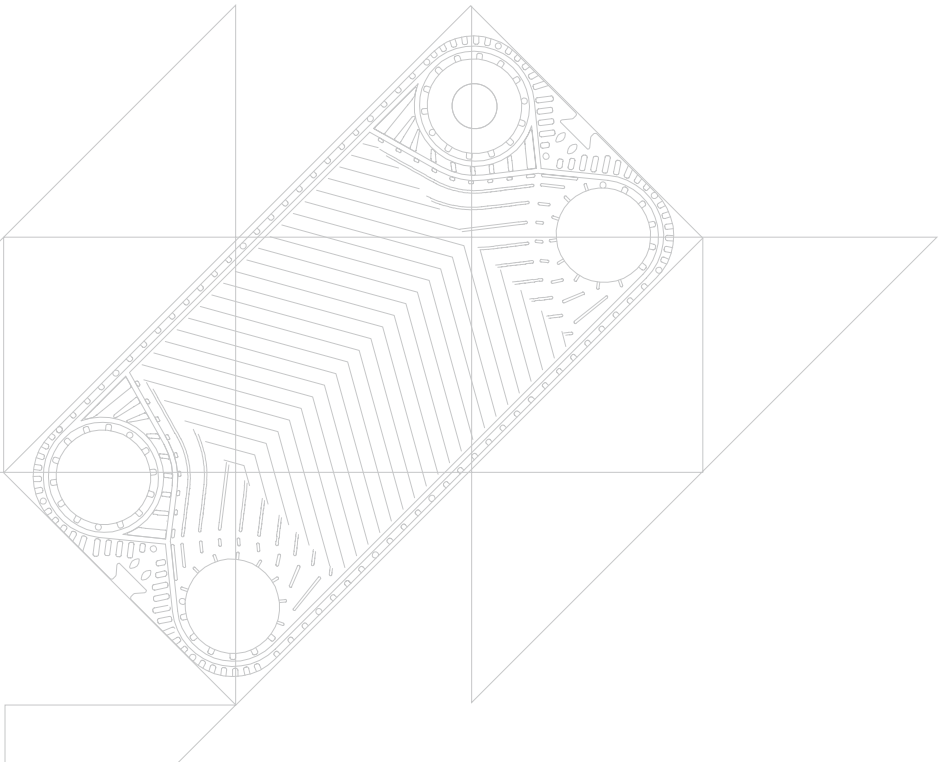
Studded ports  
Rubber lining  
ANSI  
(metric thread).

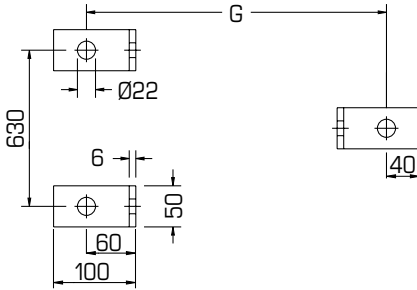
**E-E**

Studded ports  
AISI 316 lining  
ANSI  
(metric thread).

**V-V**

Studded ports  
Unlined  
ANSI  
(metric thread).





GxH	PS10	PS16
<b>S650+</b>		
Max 151p	1286	1296
Max 251p	1886	1896
Max 351p	2286	2296
Max 551p	3196	3196
GxH	PS10	PS16
<b>S990+</b>		
Max 151p	1277	1287
Max 251p	1877	1887
Max 351p	2277	2287
Max 551p	3177	3187

## Materials

		S650+	S990+
Plates	AISI 304	●	●
	AISI 316L	●	●
	254 SMO		
	Titanium	●	●
Gaskets	NBR	●	●
	EPDM Prx.	●	●
	FPM	●	
	HNBR	●	
Frames	Carbon steel	●	●
	AISI 304, clad		
Connections	A-A B-B C-C E-E U-U V-V	●	●
<b>Gaskets material maximum temperatures</b>			
NBR	-20 °C		110 °C
EPDM Prx.	-20 °C		160 °C
FPM	-20 °C		200 °C
HNBR	-20 °C		160 °C

The temperatures must be considered not applicable in all working conditions.

