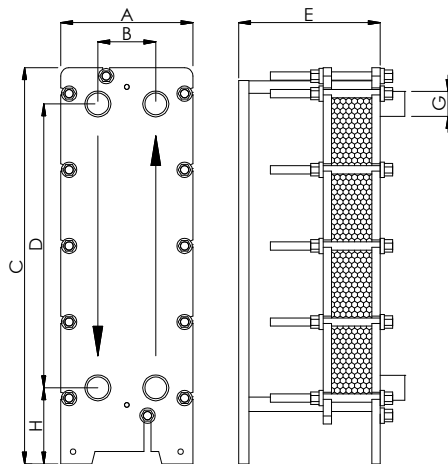


<b>APPLICATIONS</b>	Heating, Cooling, Steam applications
<b>MAX. FLOW RATE</b>	With water 40 m <sup>3</sup> /h (DN50) and 50 m <sup>3</sup> /h (DN65)
<b>FRAME</b>	PN10, PN16 (on request also PN25)

# TSC1420

<b>MATERIALS</b>	<b>FRAME</b>	Painted carbon steel P355NH (EN 10028/3a) Painted carbon steel ASTM A516 Gr.70 Stainless steel AISI 304L Stainless steel AISI 316L	<b>PLATES</b>	Stainless steel AISI 304 Stainless steel AISI 316L Titanium Alloy SMO 254
	<b>GASKETS</b>	NBR EPDM FKM	<b>CLAMPING BOLTS</b>	Galvanized steel ASTM A193 B7 Stainless steel ASTM A193 B8 Stainless steel ASTM A193 B8M

## DIMENSIONS



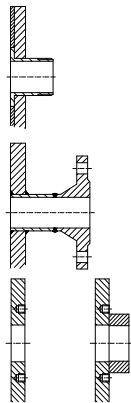
NOMINAL PRESSURE	PN10	PN16
A (mm)	312	320
B (mm)		140
C (mm)		963
		1003*
D (mm)		690
H (mm)		185
G (mm)		DN50 (2") DN65 (2 1/2")
Plate surface (m <sup>2</sup> )		0,169
Vol. of channel (l)		0,36
Weight of plate (Kg)		0,8
Plate thickness (mm)		0,5
Weight of frame (Kg)	135	170
Clamping bolts	N°12 M16 (N°14 M16*)	N°12 M20 (N°14 M20*)
E (mm)	447 (max 73 plates) 667 (max 117 plates) 807 (max 145 plates) 957 (max 175 plates)	

The plate heat exchangers are made according to the **PED 2014/68/UE**

**Note:** the above quantities can be considered an expanability of 20% for each length. The max quantity of plates for this exchanger is **209**

\* For models with connections prepared for flanges

## CONNECTION TYPE



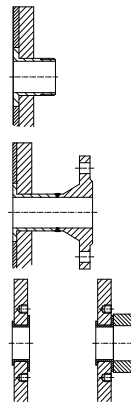
- Threaded stainless steel G2"
- Threaded stainless steel G2 1/2"

- Flange DN50 (Carbon steel)
- Flange DN65 (Carbon steel)

Also available **ANSI**

- Flange predisposition DN50
- Flange predisposition DN65

Also available **ANSI**



- Threaded Polypropylene or PTFE G2"
- Threaded Polypropylene or PTFE G2 1/2"

- Flange DN50 (Stainless steel)
- Flange DN65 (Stainless steel)

Also available **ANSI**

- Flange predisposition DN50 with coating rubber
- Flange predisposition DN65 with coating rubber
- Flange predisposition DN50 with coating stainless steel
- Flange predisposition DN65 with coating stainless steel

Also available **ANSI**