

AEL

HEATING SOLUTIONS

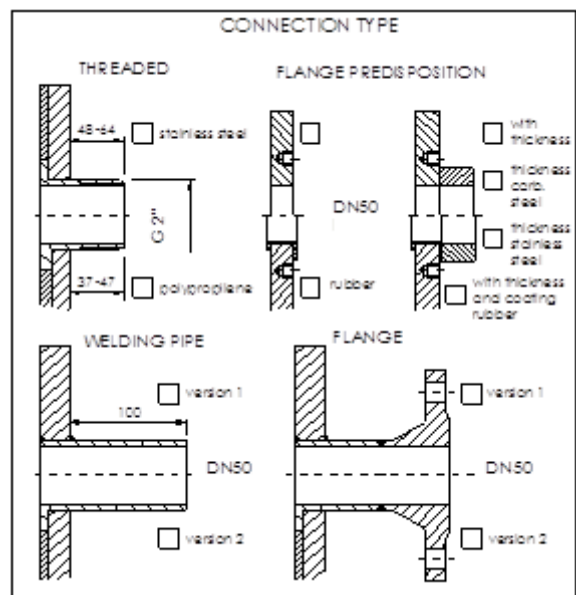
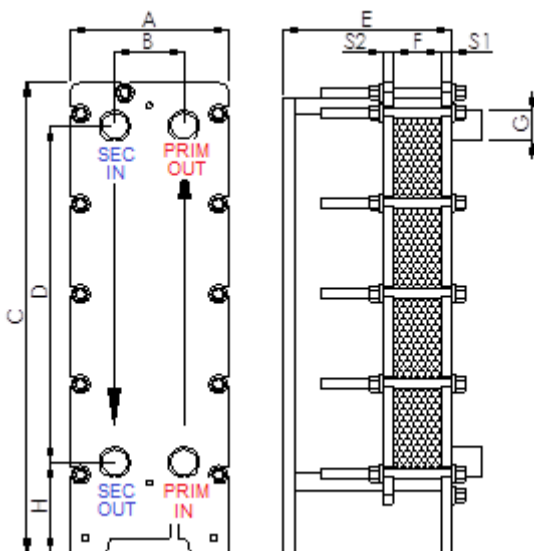
APPLICATIONS	Heating, Cooling, Steam applications
MAX. FLOWRATE	50 m ³ /h (with water)
MAX. NUMBER OF PLATES	209
FRAME	PN10, PN16 (standard PN10) on request PN25

MATERIALS	FRAME	Painted carbon steel Stainless steel AISI 304 – AISI 316
	PLATES	Stainless steel AISI 304 – AISI 316 Titanium, Incoloy, Monel, Hastelloy
	GASKETS	NBR, EPDM, EPM, FKM, Silicone
	CONNECTIONS	Carbon steel, stainless steel, Polypropylene, PTFE (Teflon)

DIMENSIONS		
NOMINAL PRESSURE	PN10	PN16
A	312	320
B	140	140
C	963 / 1003	963 / 1003
D	690	690
F	N° of plates x 2,95	N° of plates x 2,95
G	DN50 2" Threaded Pipe (65 mm option)	DN50 2" Threaded Pipe (65 mm option)
H	185	185
S1 / S2	20 / 20 (25 / 20)	25 / 25 (30 / 25)
Unit. surface (m ²)	0,169	0,169
Channel Vol. (l)	0,36	0,36
Plate Weight (Kg)	0,8	0,8
Plate Thickness (mm)	0,5	0,5
Frame Weight (Kg)	135	170
Frame Rods and Bolts	N°12 M16	N°12 (14) M20

MAX N° OF PLATES	73	117	145	175
Dimension "E"	447	667	807	957

DIMENSIONS



AEL reserves the right to modify, without notice obligation, technical and constructive features of every heat exchanger mentioned in this work.

AEL-TSC 1420

The plate heat exchangers are made according to the PED 97/23/CE