

Wärmetauscher AUSTRIA

POWER **S**SOLAR

THERMISCHE HÖCHSTLEISTUNG MIT DER KRAFT VON EXPERTEN

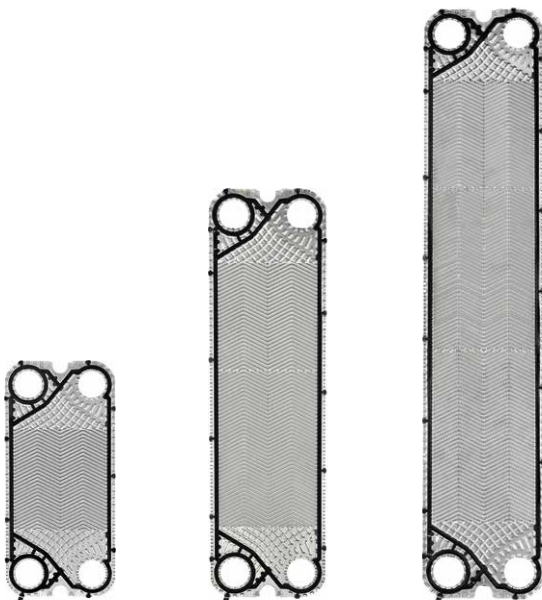
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PRODUCT RANGE DN 50+

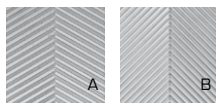
STANDARD OR CUSTOMIZED



Product Range	P070+				P160+				P260+			
Exchange area [m ²]	0,078				0,164				0,254			
Width [mm]	245				245				245			
Height [mm]	527				857				1202			
Connections diameter	DN50 2"				DN50 2"				DN50 2"			
Channel capacity [l]	0,217				0,383				0,555			
Tightening quote [mm]	2,9				2,9				2,9			
Plate weight (with gasket) [Kg]	0,517				0,856				1,213			
Corrugation angle	A/B				A/B				A/B			
Max. water flowrate [m ³ /h]	63				63				63			
PS=> Max working pressure [bar]	6	10	16	25	6	10	16	25	-	10	16	25
PT=> Max test pressure, EXEMPT* [bar]	9	15	21	30	9	15	21	30	-	15	21	30
PT=> Max test pressure, PED [bar]	-	16	26	40	-	16	26	40	-	16	26	40

Ex art. 3.3 D.Lgs. 93 of 25/02/2000 in accordance with Directive 97/23.

Announced pressures are referred to AISI 316L plates.



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

DN32

DN50

DN65

DN100

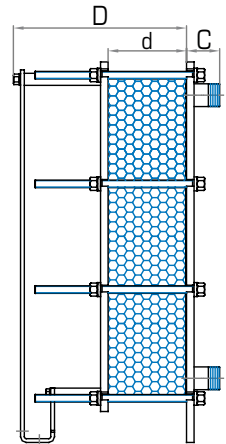
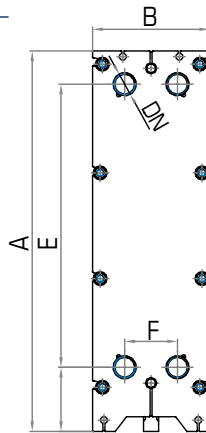
DN150

DN200

Frames size

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POWER **SOLAR**

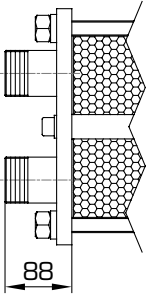


	S070+				S160+					S260+				
Connections type	J-J	A-F / C-G			J-J	A-F / C-G				J-J	A-F / C-G			
	M-M	B-F / E-G			M-M	B-F / E-G				M-M	B-F / E-G			
	J-M	U-F / V-G			J-M	U-F / V-G				J-M	U-F / V-G			
	Y-Y				Y-Y					Y-Y				
A	678	720			1008	1050				1353	1395			
B	310 *				310 *					310				
E	420				750					1095				
F	140				140					140				
I	170				170					170				
Np max	41	71	101	151	41	71	101	151	251	41	71	101	151	251
D max	319	459	599	829	319	459	599	829	1289	319	459	599	829	1289
d (J-J)	2,9 x Np+2				2,9 x Np+2					2,9 x Np+2				
DN	DN50 2"				DN50 2"					DN50 2"				
J-J	C	88	-		88	-				88	-			
M-M	C	84	-		84	-				84	-			
J-M	C	84	-		84	-				84	-			
Y-Y	C	88	-		88	-				88	-			
A-F C-G	C I	-	4		-	4				-	4			
	C II	-	104		-	104				-	104			
B-F E-G	C I	-	4		-	4				-	4			
	C II	-	104		-	104				-	104			
U-F V-G	C I	-	0		-	0				-	0			
	C II	-	100		-	100				-	100			

* 300mm for PS 6

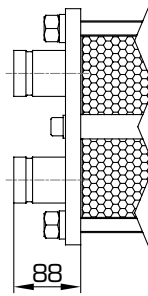
All dimensions are in mm - Np = number of plates

Connections design



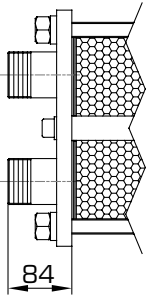
J-J

AISI 316, male threaded connections.



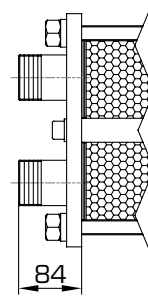
Y-Y

AISI 316, grooved pipe connections.



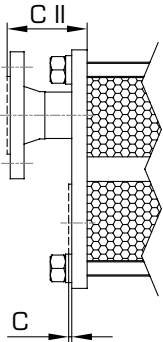
J-M

AISI 316 and PP, male threaded connections.



M-M

PP male threaded connections.



A-F

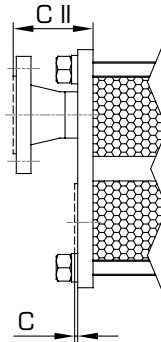
Studded ports and welded flanges
Rubber lining
EN 1092-1

B-F

Studded ports and welded flanges
AISI 316 lining
EN 1092-1

U-F

Studded ports and welded flanges
Unlined
EN 1092-1



C-G

Studded ports and welded flanges
Rubber lining
ANSI 150 lbs metric thread

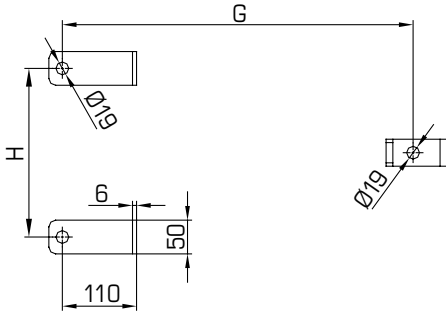
E-G

Studded ports and welded flanges
AISI 316 lining
ANSI 150 lbs metric thread

V-G

Studded ports and welded flanges
Unlined
ANSI 150 lbs metric thread

Support Feet



GxH	PS 6 *	PS 10	PS 16	PS 25
S070+ / S160+ / S260+				
Max 41p	375x250	380x250	385x250	390x250
Max 71p	515x250	520x250	525x250	530x250
Max 101p	655x250	660x250	665x250	670x250
Max 151p	885x250	890x250	895x250	900x250
Max 251p	-	1350x250	1355x250	1360x250

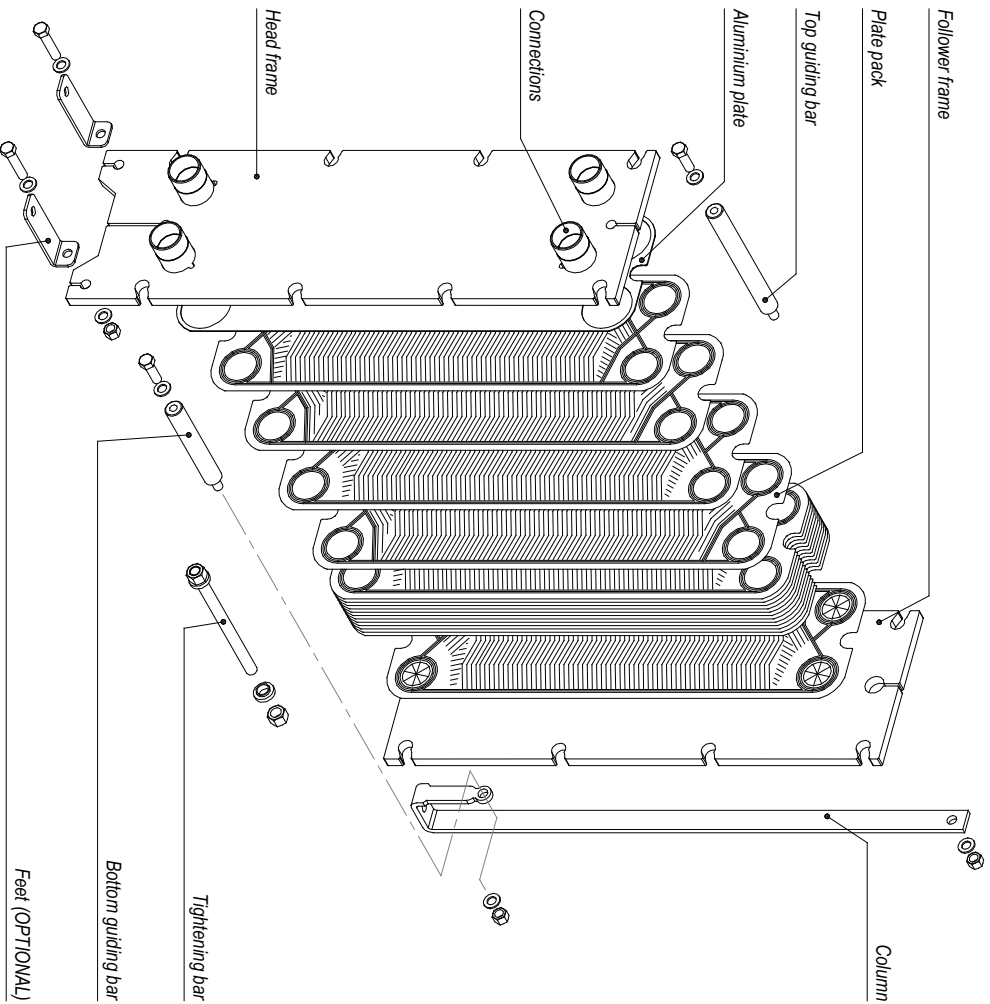
* Not for S260+

Materials

		S070+	S160+	S260+
Plate	AISI 304	●	●	●
	AISI 316L	●	●	●
	254 SMO	●	●	●
	Titanium	●	●	●
Gasket	NBR	●	●	●
	EPDM Prx.	●	●	●
	FPM	●	●	●
	HNBR	●	●	●
Frame	Carbon steel	●	●	●
	AISI 304, solid			
Connection type	J-J	●	●	●
	Y-Y	●	●	●
	J-M	●	●	●
	M-M	●	●	●
	F-A F-B U-F	●	●	●
	C-G E-G V-G	●	●	●
Gaskets material maximum temperatures				
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.

Component blow-up drawings Models S070+, S160+, S260+



CERTIFICATIONS APPROVALS



- ISO 9001
Quality Management
- PED 97/23/EC
Pressure Equipment Directive
Module B, D1 & D (up to Risk Cat. IV)



- ACS
Attestation de Conformité Sanitaire



- GOST-R
Certificate of Conformity



- OHSAS 18001
Occupational Health and Safety



- ISO 14001
Environmental Management

MADE IN ITALY

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