

Exchange
for good

— MADE IN ITALY —



TAILOR  **MADE**
HEAT EXCHANGERS
CIPRIANI

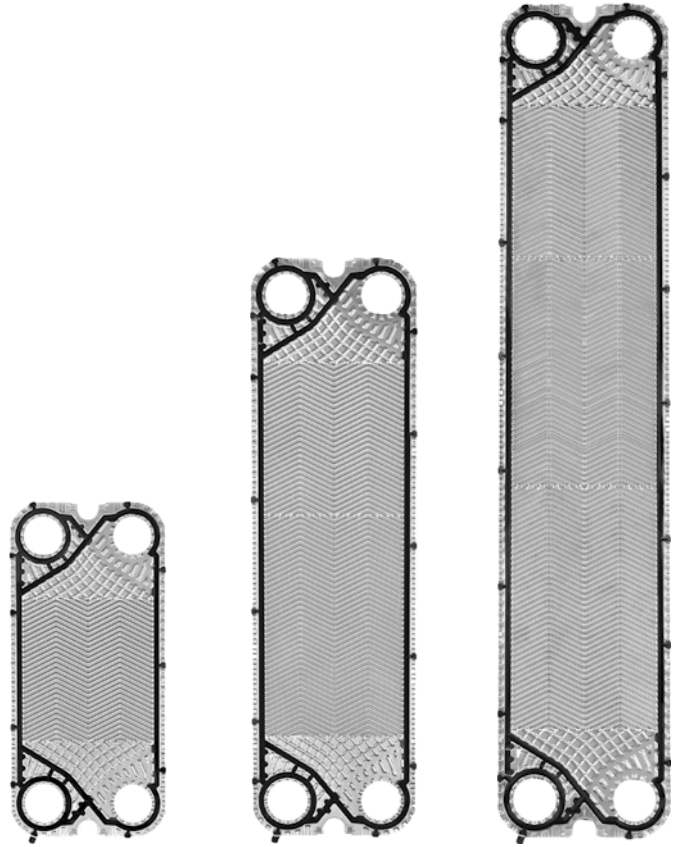
GAMMA PRODOTTI / PRODUCT RANGE DN 50+

Standard o Personalizzabili
Standard or Customized



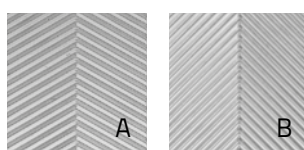
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TAILOR MADE
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| Gamma Prodotti | Product Range | P070+ | | | | P160+ | | | | P260+ | | | |
|---|---|---------|----|----|----|---------|----|----|----|---------|----|----|----|
| Area di scambio [m ²] | Exchange area [m ²] | 0,078 | | | | 0,164 | | | | 0,254 | | | |
| Larghezza [mm] | Width [mm] | 245 | | | | 245 | | | | 245 | | | |
| Altezza [mm] | Height [mm] | 527 | | | | 857 | | | | 1202 | | | |
| Diametro connessioni | Connections diameter | DN50 2" | | | | DN50 2" | | | | DN50 2" | | | |
| Capacità canale [l] | Channel capacity [l] | 0,217 | | | | 0,383 | | | | 0,555 | | | |
| Quota di serraggio [mm] | Tightening quote [mm] | 2,9 | | | | 2,9 | | | | 2,9 | | | |
| Peso piastra (con guarnizione) [Kg] | Plate weight (with gasket) [Kg] | 0,517 | | | | 0,856 | | | | 1,213 | | | |
| Angolo di corrugazione | Corrugation angle | A/B | | | | A/B | | | | A/B | | | |
| Portata max d'acqua [m ³ /h] | Max. water flowrate [m ³ /h] | 63 | | | | 63 | | | | 63 | | | |
| PS=> Pressione max di esercizio [bar] | PS=> Max working pressure [bar] | 6 | 10 | 16 | 25 | 6 | 10 | 16 | 25 | - | 10 | 16 | 25 |

Ex art. 3.3 D.Lgs. 93 del 25/02/2000 in applicazione Direttiva 97/23. I valori di pressione indicati si riferiscono a piastre AISI 316L.
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.



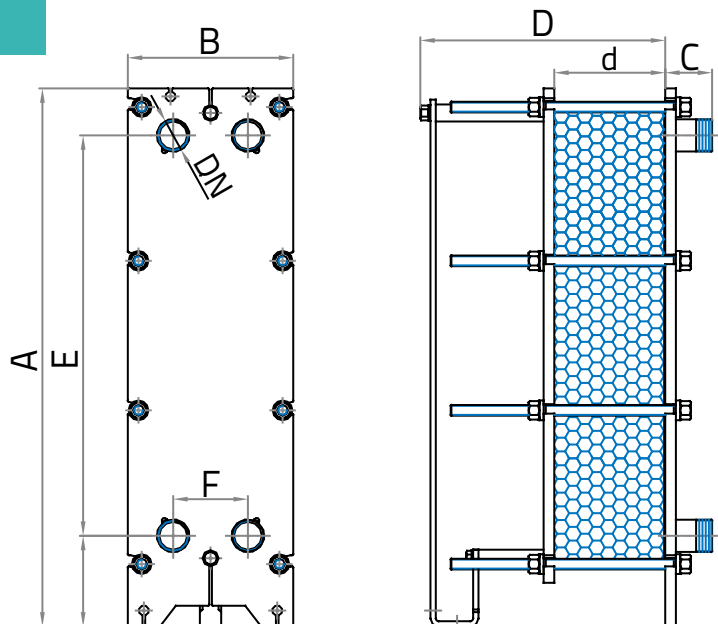
Piastre disponibili in due lunghezze termiche (A/B)

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

| | | | | | |
|------|-------------|------|-------|-------|-------|
| DN32 | DN50 | DN65 | DN100 | DN150 | DN200 |
|------|-------------|------|-------|-------|-------|

Tutti i dati e disegni nel presente documento possono subire variazioni senza preavviso e non sono vincolanti per il produttore.
All data and drawings herewith described can be changed without prior notice and are not binding for the manufacturer.

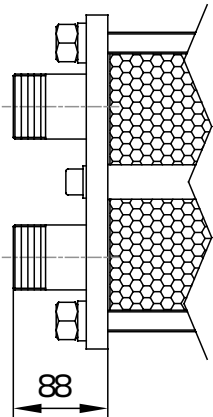
DIMENSIONI TELAI / FRAMES DIMENSIONS



| | | S070+ | | | | S160+ | | | | | S260+ | | | | | |
|------------------|------|-----------|-----|-----|-----|----------|-----------|-----|-----|------|----------|------|-----------|-----|------|--|
| Tipi di attacchi | 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 | | | |
| Connections type | 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) | | 2,9xNp+2 | | | | 2,9xNp+2 | | | | | 2,9xNp+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 per PS 6
* 300mm for PS 6

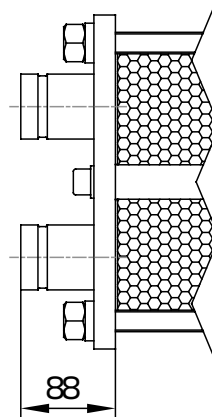
Tutte le dimensioni sono in mm - Np = numero di piastre.
All dimensions are in mm - Np = number of plates.



J-J

Attacchi mobili filettati maschio in AISI 316.

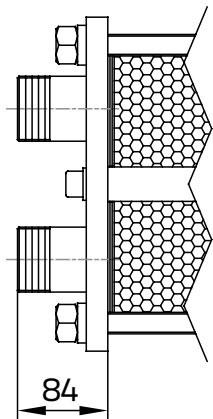
AISI 316, male threaded connections.



Y-Y

Attacchi mobili a estremità scanalata in AISI 316.

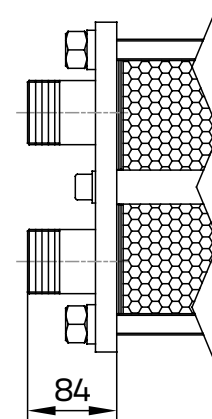
AISI 316, grooved pipe connections.



J-M

Attacchi mobili filettati maschio in AISI 316 e PP.

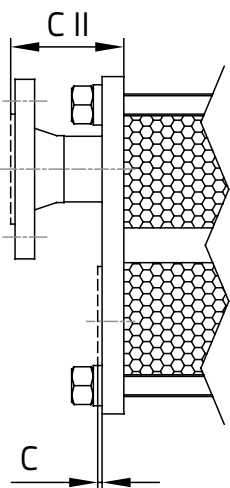
AISI 316 and PP male threaded connections.



M-M

Attacchi mobili filettati maschio in PP.

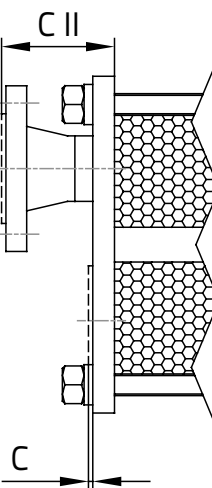
PP male threaded connections.



A-F

A flangiare e flangiati EN 1092-1 con manichette in gomma.

Studded ports and welded flanges. Rubber lining EN 1092-1.



C-G

A flangiare e flangiati ANSI (filettatura metrica) con manichette in gomma.

Studded ports and welded flanges. Rubber lining ANSI (metric thread).

B-F

A flangiare e flangiati EN 1092-1 con manichette in AISI 316.

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

E-G

A flangiare e flangiati ANSI (filettatura metrica) con manichette in AISI 316.

Studded ports and welded flanges. AISI 316 lining ANSI (metric thread).

U-F

A flangiare e flangiati EN 1092-1 senza manichette.

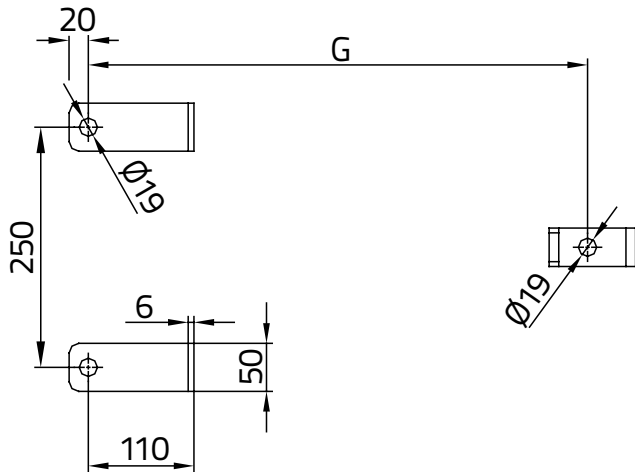
Studded ports and welded flanges. Unlined. EN 1092-1.

V-G

A flangiare e flangiati ANSI (filettatura metrica) senza manichette.

Studded ports and welded flanges. Unlined. ANSI (metric thread).

PIEDINI / FEET



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

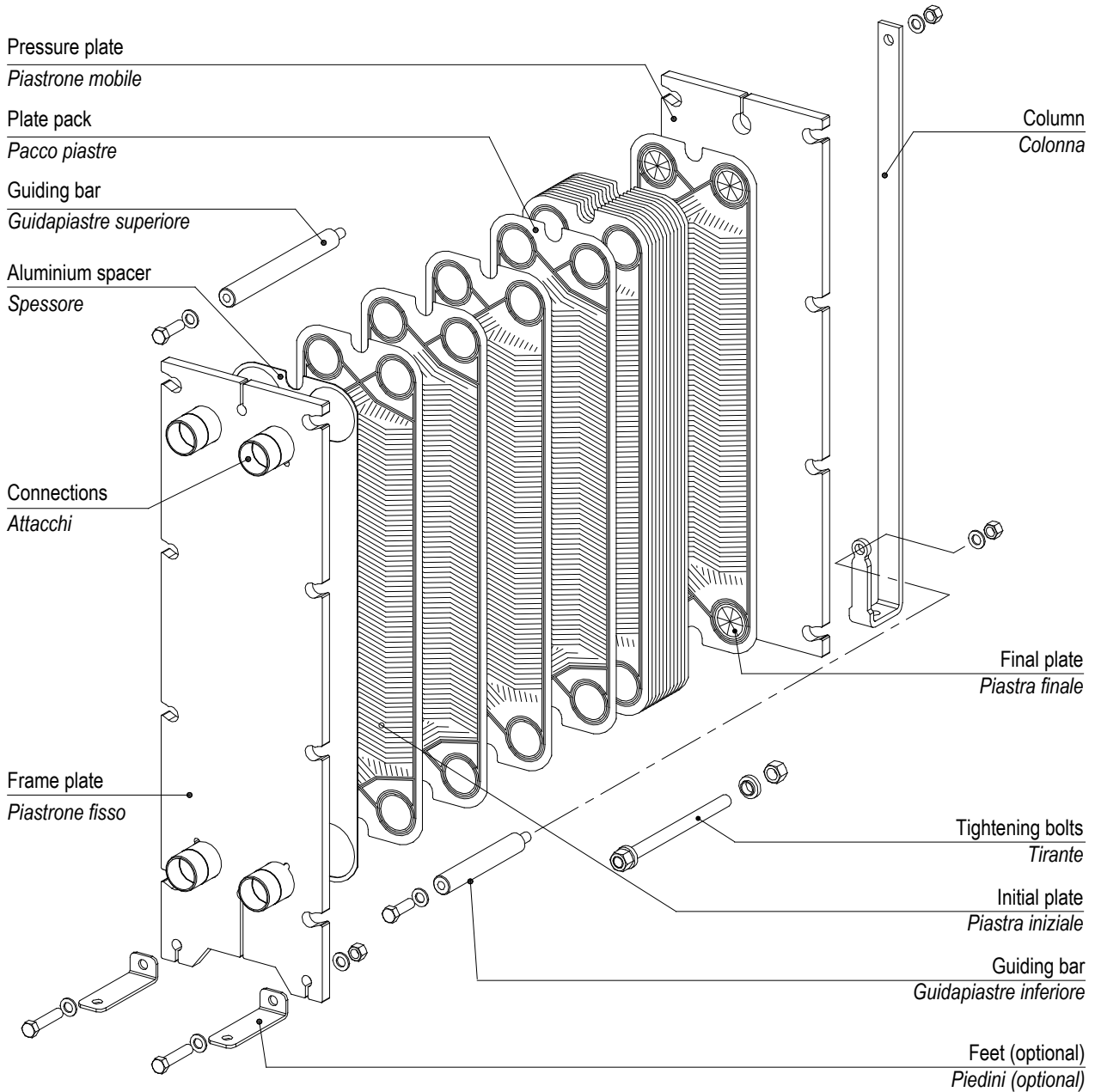
* Non per S260+

* Not for S260+

MATERIALI / MATERIALS

| | | S070+ | S160+ | S260+ |
|--|---------------------------------|--------|-------|-------|
| Piastre Plates | AISI 304 | ● | ● | ● |
| | AISI 316L | ● | ● | ● |
| | 254 SMO | ● | ● | ● |
| | Titanio / Titanium | ● | ● | ● |
| Guarnizioni Gaskets | NBR | ● | ● | ● |
| | EPDM Prx. | ● | ● | ● |
| | FPM | ● | ● | ● |
| | HNBR | ● | ● | ● |
| Telai Frames | Acciaio Carbonio / Carbon steel | ● | ● | ● |
| | AISI 304, pieno / solid | ● | ● | ● |
| Attacchi Connections | J-J | ● | ● | ● |
| | Y-Y | ● | ● | ● |
| | J-M | ● | ● | ● |
| | M-M | ● | ● | ● |
| | F-A F-B U-F | ● | ● | ● |
| | C-G E-G V-G | ● | ● | ● |
| Materiali guarnizioni e temperature massime 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 | | |

Le temperature devono essere considerate non applicabili in tutte le condizioni di lavoro.
The temperatures must be considered not applicable in all working conditions.



CERTIFICATIONS APPROVALS



ISO EN 9001:2015
European Quality Certificates



PED 2014/68/UE
Pressure Equipment Directive
Module B,D1 & D (up to Risk Cat. IV)



ACS
Attestation de Conformité Sanitaire



WRAS
EPDMprx gasket compound approved



OHSAS 18001
Occupational Health and Safety



ISO 14001
Environmental Management



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Via Nassar, 46 - 37026 Pescantina (VR)
Tel. +39 045 6750065 • Fax +39 045 6750118
info@cipriani-phe.com
cipriani-phe.com