CIPRIANI
HEAT EXCHANGERS

# GASKETED PLATE HEAT EXCHANGERS

STANDARD OR CUSTOMIZED

GLOBAL EXPERTISE

DEDICATED TEAM

TRANSPARENCY

FLEXIBILITY

QUALITY STANDARDS

THE ADDED
VALUE

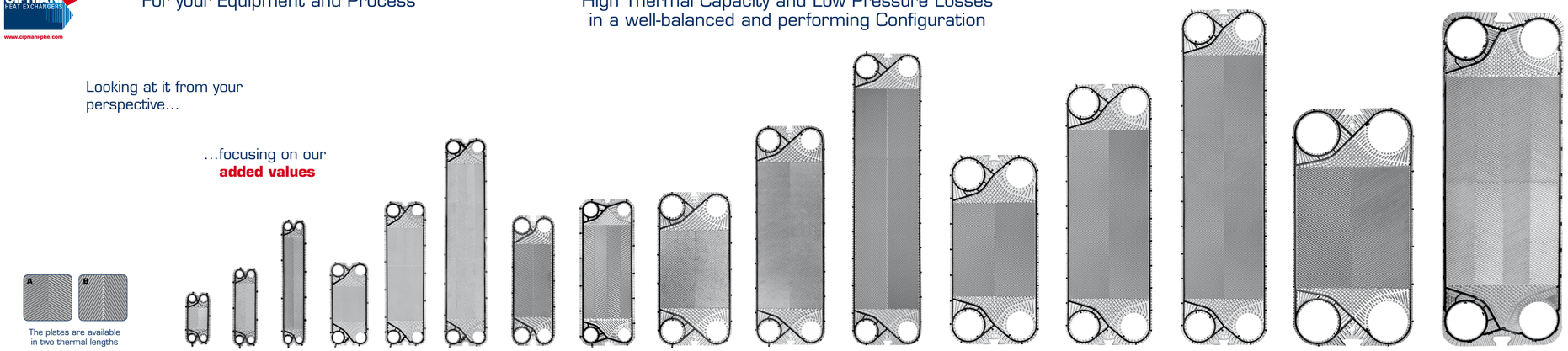
CIPRIANI
HEAT EXCHANGERS

# OPTIMIZED DESIGN
For your Equipment and Process

# COST-EFFICIENT SOLUTIONS
High Thermal Capacity and Low Pressure Losses
in a well-balanced and performing Configuration

Looking at it from your perspective…

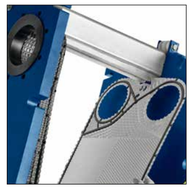
…focusing on our **added values**



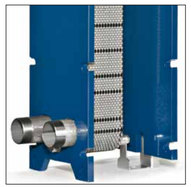

The plates are available in two thermal lengths

| MODEL | DN 32 (1 1/4") | | | DN 50 | | | DN 65 (2 1/2") | | DN 100 (4") | | | DN 150 (6") | | | DN 200 (8") | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | S020+ | S040+ | S080+ | S070+ | S160+ | S260+ | S125+ | S180+ | S300+ | S450+ | S700+ | S400+ | S600+ | S900+ | S650+ | S990+ |
| Water flow rate max. [m³/h] | | 19 | | | 63 | | 80 | 83 | | 240 | | | 380 | | 800 | 730 |
| Heat transfer surface max [m²] | 1,6 | 3,1 | 8,2 | 11,8 | 41,2 | 63,8 | 19 | 27 | 108 | 193 | 280 | 215 | 355 | 631 | 334 | 534 |
| Tightening quote [mm] | | 2,9 (*) | | | 2,9 (*) | | 3,3 (**) | 2,85 (***) | | 3,1 | | | 3,1 | | 3,3 | 3,1 |
| Plate corrugation angle | | A | | | A/B | | | A/B | | A/B | | | A/B | | A/B | A/B |
| H - min. max. [mm] | 320 | 470 | 755 | 678 - 720 | 1008 - 1050 | 1353 - 1395 | 819 | 996 - 1030 | 1124 | 1569 | 2014 | 1372 | 1819 | 2272 - 2317 | 1657 - 1707 | 2190 - 2206 |
| W - min. max. [mm] | | 200 | | | 310 | | 300 - 310 | 392 | | 530 | | | 609 | | 810 | 790 |
| A [mm] | 230 | 380 | 665 | 420 | 750 | 1095 | 603 | 720 | 705 | 1150 | 1595 | 840 | 1288 | 1736 | 1055 | 1536 |
| a [mm] | | 68 | | | 140 | | 123 | 192 | | 250 | | | 287 | | 391 | 396 |
| h [mm] | | 45 | | | 170 | | 128 | 171,5 | | 198 | | | 256 | | 285 | 285 |
| L min. max. [mm] | 181 - 485 | | 181 - 605 | 319 - 829 | 319 - 1289 | | 338 - 858 | 353 - 808 | 775 - 2300 | 785 - 2310 | 785 - 3100 | 790 - 2290 | | 790 - 3930 | 1210 - 3230 | 1210 - 3120 |

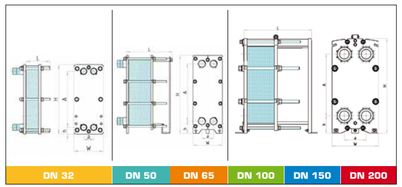
(*) 2,9 x np + 2 (**) 3,3 x np + 2 (***) 2,85 x np + 2


Carrying bar/stainless steel contact

Easy and precise positioning of plates


Optimized footprint

Easy assembly and disassembly



Frame sizes

Free-standing insulation case

Heating & Cooling insulation shell

Stainless steel frame

# QUALIFIED PRODUCTS
For your Safety and Reliability

- **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**

## MATERIALS & CONFIGURATIONS

**Frames**
- Frame platforms: Mild steel, Epoxy painted
- Stainless steel frame (solid or cladded Mild steel) available

**Connections**
- Threaded nozzles or flanges
- Various solutions & materials available

**Plates**
- Stainless steel AISI 304 (EN 1.4301)
- Stainless steel AISI 316L (EN 1.4404)
- Titanium (Grade 1)
- Alloy 254 SMO (EN 1.4547)
- Various thicknesses down to 0,4 mm

**Gaskets**
- NBR, EPDM, FPM, HNBR
- Glue-free gaskets Plug-In® design

**PERFORMANCE:** Pressure (g) up to: 25 bar - Temperature up to: 180°C

Careful visual inspection

100% of factory-tested products

Complete documentation suite

# YOUR NEEDS...

## ...our commitment for an expert and efficient support

agenzia pierdonà – PD 220-14 (GB)

**HEATING**

**COOLING**

**ENERGY RECOVERY**

**SCAN TO SEE THE VIDEO!**

CIPRIANI HEAT EXCHANGERS

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