

CIPRIANI

HEAT EXCHANGERS

GASKETED PLATE HEAT EXCHANGERS

STANDARD OR CUSTOMIZED

GLOBAL EXPERTISE

DEDICATED TEAM

TRANSPARENCY

FLEXIBILITY

QUALITY STANDARDS



THE ADDED
VALUE

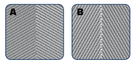
CIPRIANI
HEAT EXCHANGERS

OPTIMIZED DESIGN
For your Equipment and Process

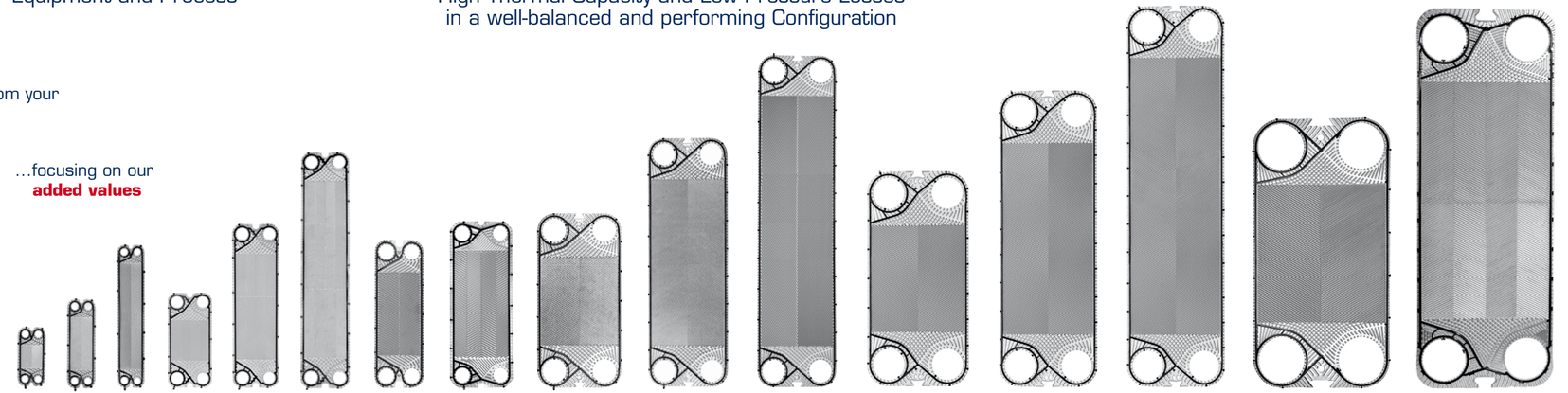
COST-EFFICIENT SOLUTIONS
High Thermal Capacity and Low Pressure Losses
in a well-balanced and performing Configuration

Looking at it from your perspective...

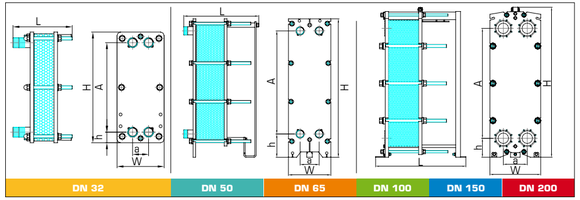
...focusing on our **added values**



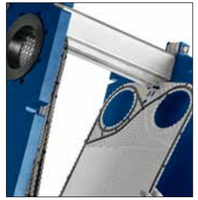
The plates are available in two thermal lengths



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.		m^3/h		19			63		80	83		240			380		800	730
Heat transfer surface max		m^2	1,6	3,1	8,2	11,8	41,2	63,8	19	27	108	193	280	215	355	631	334	534
Plate corrugation angle				A			A/B			A/B		A/B			A/B		A/B	A/B
Tightening quote	d	mm		2,9 x np + 2			2,9 x np + 2		3,3 x np + 2	2,85 x np + 2		3,1			3,1		3,3	3,1
Height	W (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
Wide		mm		200			310		310	392		530			609		810	790
Vertical interax	A	mm	230	380	665	420	750	1095	603	720	705	1150	1595	840	1288	1736	1055	1536
Horizontal interax	a	mm		68			140		123	192		250			287		391	396
Height from ground	h	mm		45			170		128	171,5		198			256		285	285
Total length	L (min - max)	mm	251 - 557		251 - 671	407 - 917	407 - 1377		441 - 951	401 - 871	938 - 2463	941 - 2466		946 - 3256		946 - 4064	1366 - 3377	1357 - 3267



Frame sizes



Carrying bar/stainless steel contact



Easy positioning of plates and optimized footprint



Easy assembly and disassembly



Free-standing insulation case



Heating & Cooling insulation shell



Stainless steel frame

QUALIFIED PRODUCTS
For your Safety and Reliability



- **ISO 9001**
  Quality Management
- **PED**
  Pressure Equipment Directive
  Module B,D1 & D (up to Risk Cat. IV)
- **ACS**
  Attestation de Conformité Sanitaire
- **WRAS**
  EPDMpnx gasket compound approved
- **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



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HEATING



COOLING



ENERGY RECOVERY

SCAN TO SEE THE VIDEO!

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HEAT EXCHANGERS

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We reserve the right to upgrade our products at anytime without notice.