

LUNA

BRAZED PLATE HEAT EXCHANGERS

ENTIRELY MADE OF STAINLESS MATERIALS DESIGNED TO MAINTAIN HIGH SANITARY STANDARDS.

APPLICATION

WHEN HIGH LEVEL
OF HYGIENE IS CRUCIAL



SYSTEMS WITH
DEMINERALIZED WATER



DOMESTIC HOT
WATER SYSTEMS



COOLING SYSTEMS
WITH HIGH HYGIENIC
STANDARDS

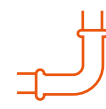
WHEN RELIABILITY
IS ESSENTIAL



CENTRAL HEATING
SYSTEMS



SYSTEMS WITH
AGGRESSIVE MEDIA



SYSTEMS WITH
GALVANIZED PIPES



INDUSTRIAL
COOLING SYSTEMS



HYDRAULIC
OIL COOLING

ADVANTAGES



STAINLESS BRAZING
ALLOWS HOMOGENEOUS
CONSTRUCTION



HIGH SANITARY
STANDARDS



RESISTANCE
TO HIGH TEMPERATURE
AND PRESSURE



RESISTANCE
TO CORROSION



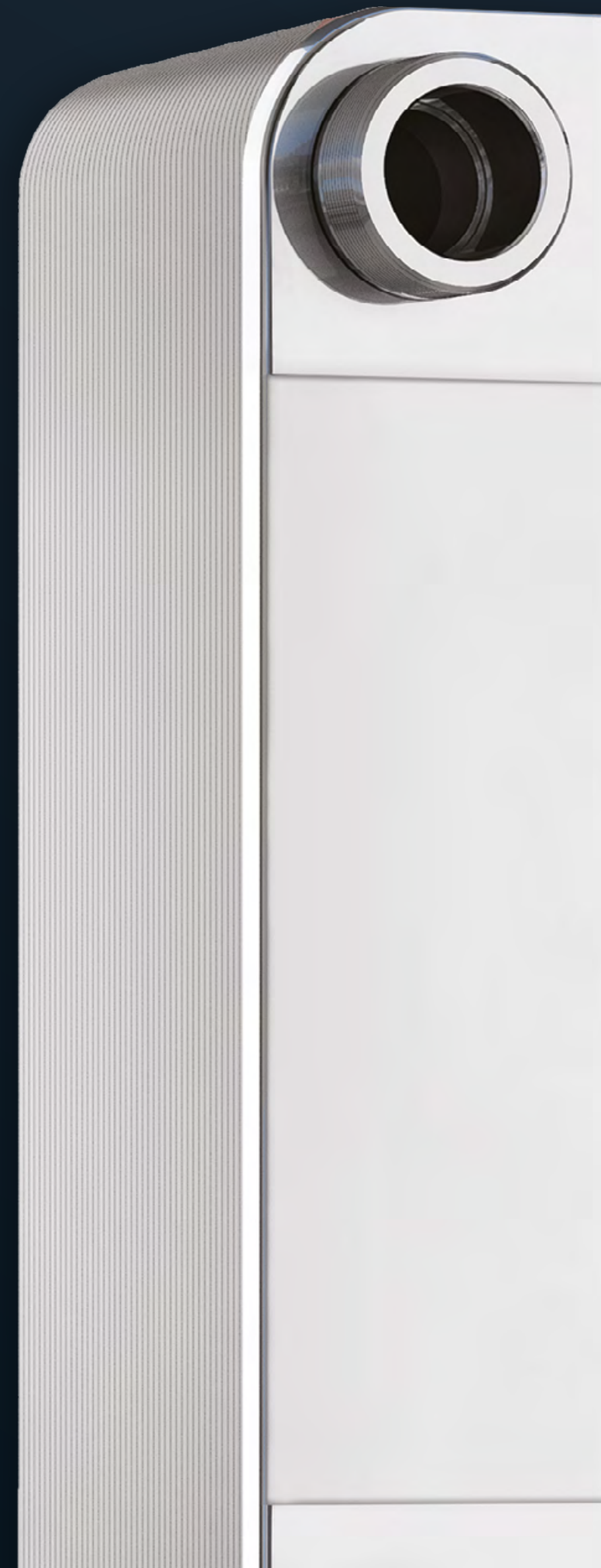
HIGH
DURABILITY



WIDE RANGE
OF APPLICATIONS



NO COPPER IONS
IN THE WATER



EXEMPLAR DESIGNATION

LA14LN-60-2S-3/4"

brazed plate
heat exchanger

size of
plates

stainless
brazing

n° of
plates

type and size
of connections

2S – 2-pass with 6 connections
2 – 2-pass with 4 connections
no letter – 1-pass

PRODUCT LINE



LA14LN



LA22LN



LA34LN



LB31LN



LB47LN



LB60LN



LM110LN



LC110LN



LC170LN



LD235LN

TECHNICAL DATA

STANDARD LOCATION OF CONNECTIONS

1-PASS HEAT EXCHANGER

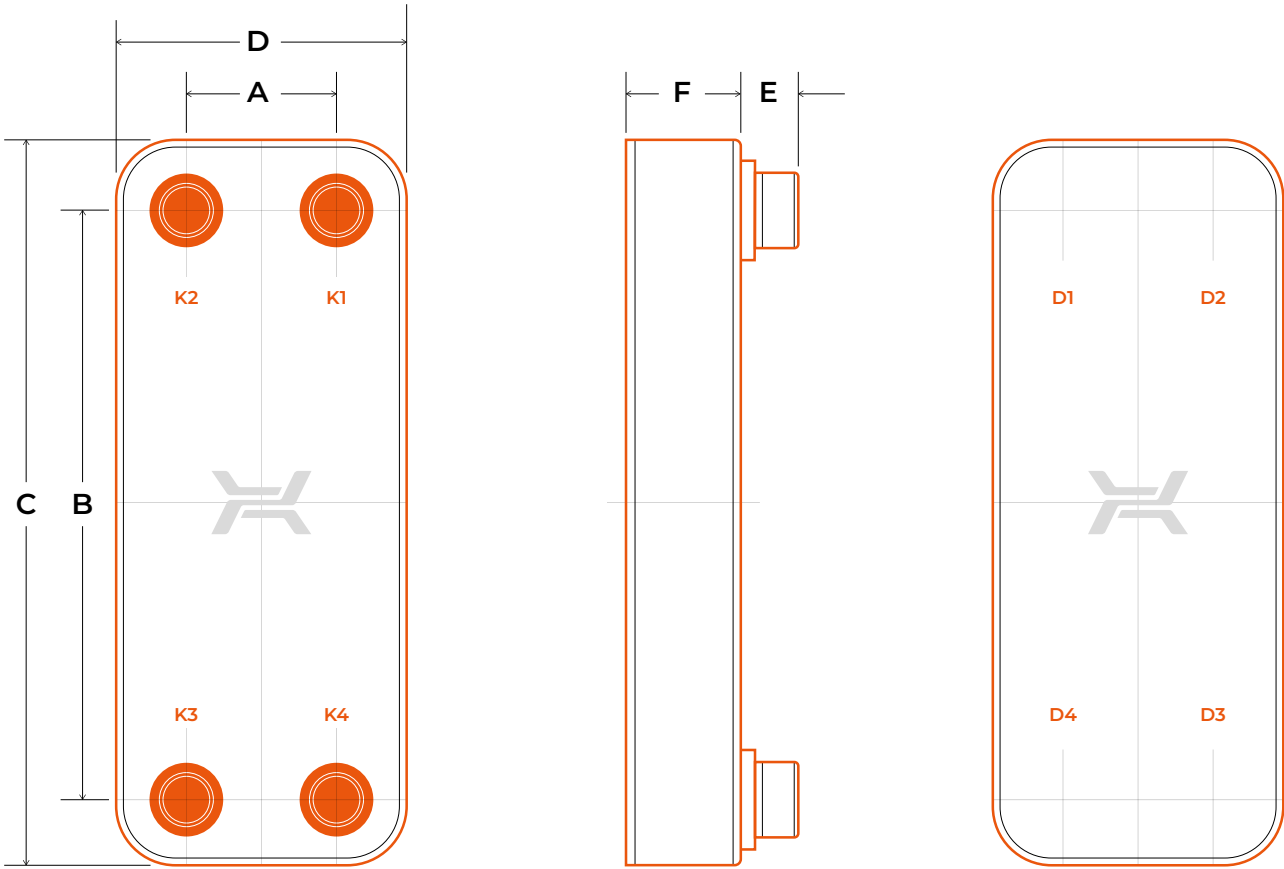
- K1 / K4 — inlet / outlet hot side
- K3 / K2 — inlet / outlet cold side

2-PASS HEAT EXCHANGER

- D4 / K4 — inlet / outlet hot side
- K3 / D3 — inlet / outlet cold side

2-PASS WITH 6 CONNECTIONS
ADDITIONALLY:

- K1 — vent connection / inlet of central heating return
- K2 — vent connection / inlet of domestic hot water circulation return



MATERIALS

- STAINLESS STEEL
- STAINLESS BRAZING

EXEMPLARY MEDIA

- WATER
- PROPYLENE
- GROUP II FLUIDS
- OTHER (CONSULT THE MANUFACTURER)

WORKING PARAMETERS

- MAX. TEMPERATURE — 200°C
- MIN. TEMPERATURE — -195°C
- LM LN — -101°C

- MAX. PRESSURE
- LA LN, LB LN, LC LN — 2 MPA
- LM LN, LD LN — 1,6 MPA

TECHNICAL PARAMETERS

Type	Dimensions												max nº of plates	Mass	
	A		B		C		D		E		F				
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in		kg	lb
LA14LN	42	1.7	164	6.5	203	8.0	81	3.2	16	0.6	9 + 2,3 × NP	0.35 + 0.09 × NP	60	0,6 + 0,054 × NP	1.32 + 0.12 × NP
LA22LN	42	1.7	260	10.2	299	11.8	81	3.2	16	0.6	9 + 2,3 × NP	0.35 + 0.09 × NP	60	0,8 + 0,075 × NP	1.76 + 0.17 × NP
LA34LN	42	1.7	432	17.0	471	18.5	81	3.2	16	0.6	9 + 2,3 × NP	0.35 + 0.09 × NP	60	1,2 + 0,112 × NP	2.65 + 0.25 × NP
LB31LN	68	2.7	232	9.1	286	11.3	123	4.8	28	1.1	10 + 2,35 × NP	0.39 + 0.09 × NP	150	1,6 + 0,126 × NP	3.53 + 0.28 × NP
LB47LN	68	2.7	360	14.2	417	16.4	123	4.8	28	1.1	10 + 2,35 × NP	0.39 + 0.09 × NP	150	2,2 + 0,174 × NP	4.85 + 0.38 × NP
LB60LN	68	2.7	480	18.9	538	21.2	123	4.8	28	1.1	10 + 2,35 × NP	0.39 + 0.09 × NP	150	2,7 + 0,219 × NP	5.95 + 0.48 × NP
LM110LN	91	3.6	520	20.5	619	24.4	190	7.5	48	1.9	10 + 2,6 × NP	0.39 + 0.10 × NP	180	14,68 + 0,864 × NP	6.66 + 0.392 × NP
LC110LN	170	6.7	378	14.9	466	18.4	258	10.2	28;100	1.1; 3.9	11 + 2,4 × NP	0.43 + 0.09 × NP	180	9,1 + 0,454 × NP	20.06 + 0.99 × NP
LC170LN	170	6.7	600	23.6	688	27.1	258	10.2	28;100	1.1; 3.9	11 + 2,4 × NP	0.43 + 0.09 × NP	180	11,9 + 0,642 × NP	26.24 + 1.41 × NP
LD235LN	204	8.0	682	26.9	788	31.0	310	12.2	100	3.9	13 + 2,5 × NP	0.51 + 0.1 × NP	160	40,8 + 0,049 × NP	89.95 + 0.11 × NP

NP – number of plates | dim. F+/-3%
All dimensions and technical data are approximate only and may be changed without further notice.