

PLATE EXCHANGERS

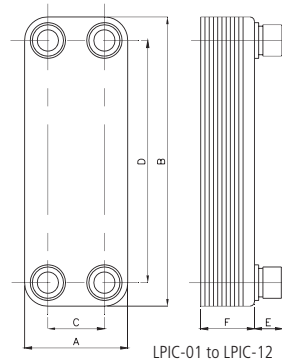
COMPACT PLATE EXCHANGERS		Ref.	Number of plates	Flow rate at 50°C (l/h)	Power (kW) ⁽³⁾	Pressure drop (meters H ₂ O)	A x B x F mm	E mm	C mm	D mm	Connections
Max. working temperature	135 / 155°C ⁽¹⁾	LPIC-01	20	1.000	45	< 3	73 x 192 x 42,32	20,1	40	154	3/4"
Max working pressure	16 / 25 bar ⁽²⁾	LPIC-02	20	2.000	90	< 6	73 x 315 x 42,32	20,1	40	278	3/4"
Applications	Fluid/Fluid	LPIC-03	20	3.000	140	< 6	119 x 289 x 48,8	45	72	243	1"
Chassis	AISI 316	LPIC-04	30	4.000	185	< 6	119 x 289 x 71,2	45	72	243	1"
Plates	AISI 316	LPIC-05	40	5.000	235	< 6	119 x 289 x 93,6	45	72	243	1"
Connections	AISI 316	LPIC-07	40	7.000	325	< 8	119 x 376 x 93,6	45	63	320	1-1/4"
Additional features	Thermal Insulation	LPIC-10	60	10.000	465	< 8	119 x 376 x 136,4	45	63	320	1-1/4"
		LPIC-12	70	12.000	560	< 8	119 x 376 x 160,8	45	63	320	1-1/4"

(1) Maximum working temperature for LPIC-01 and LPIC-02 models 135°C, for rest of models 155°C

(2) Maximum working pressure for LPIC-01 and LPIC-02 models 16 bar, for rest of models 25 bar

(3) Power defined according to: Primary 90/60°C and secondary 10/50°C

Optional: Other pressures, temperatures or fluids



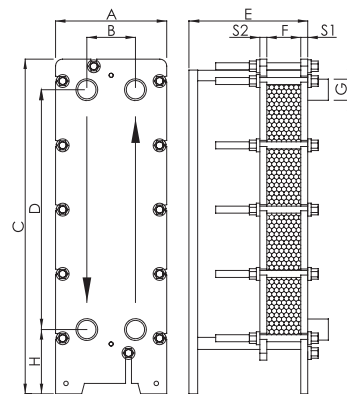
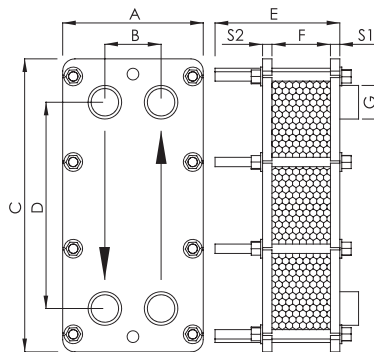
DETTACHABLE PLATE EXCHANGERS		Ref.	Number of plates	Flow rate at 50°C (l/h)	Power (kW) ⁽³⁾	Pressure drop (meters H ₂ O)	A x C x F mm	E(max) mm	B mm	D mm	H mm	G mm
Max. working temperature	110°C	LPID-00	5	1.000	48	< 3	204 x 490 x 13,25	290	86	381	-	1-1/4"
Max. working pressure	10 bar	LPID-01	7	1.300	60	< 3	204 x 490 x 18,55	290	86	381	-	1-1/4"
Applications	Fluid/Fluid	LPID-02	11	2.600	120	< 3	204 x 490 x 29,15	290	86	381	-	1-1/4"
Chassis	Carbon steel	LPID-03	13	3.200	148	< 3	204 x 490 x 34,45	290	86	381	-	1-1/4"
Plates	AISI 316	LPID-04	17	4.200	195	< 3	204 x 490 x 45,05	290	86	381	-	1-1/4"
Connections	AISI 316	LPID-05	21	5.200	240	< 3	204 x 490 x 55,65	290	86	381	-	1-1/4"
Gaskets	EPDM	LPID-07	27	6.600	305	< 3	204 x 490 x 71,55	290	86	381	-	1-1/4"
Additional features	Thermal Insulation Support leg ⁽⁴⁾	LPID-10	37	8.600	400	< 3	204 x 490 x 98,05	290	86	381	-	1-1/4"
		LPID-12	45	10.000	465	< 3	204 x 490 x 119,25	290	86	381	-	1-1/4"
		LPID-21	23	15.700	725	< 3	312 x 963 x 80,5	960	140	690	185	2"
		LPID-22	29	20.500	950	< 3	312 x 963 x 101,5	960	140	690	185	2"
		LPID-23	35	25.000	1155	< 3	312 x 963 x 122,5	960	140	690	185	2"

(3) Power defined according to: Primary 90/60°C and secondary 10/50°C

(4) For models LPID-00 to LPID-12

Optional: Other pressures, temperatures or fluids

Chassis and plates in AISI-304, AISI-316 or Titanium



DATA REQUIRED TO PROVIDE A QUOTE FOR A CUSTOM PLATE EXCHANGER

To provide a specific offer of the most suitable plate heat exchanger for each particular case, the following details on the primary and secondary circuits are required:

- Primary and secondary circuit flows
- Input/output temperatures of the primary and secondary circuits
- Physical properties of the liquids (if they are neither water nor steam), density and specific heat.
- Required working pressure
- Pressure drop