



Alfa Laval GLX30 / GLXN30

Gas to liquid plate heat exchanger

GLX30 is a compact brazed exchanger consisting of stainless steel plates brazed together with copper or nickel. GLX30 is designed to handle asymmetric volume flows with exceptionally high performance. The design of GLX30 makes it extremely suitable for all condensation applications as low pressure steam.

Open sides for gas entering and leaving.

Optimal assembled in larger systems with several modules in flexible flow configurations.

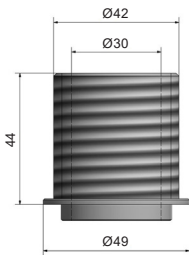


Technical Data

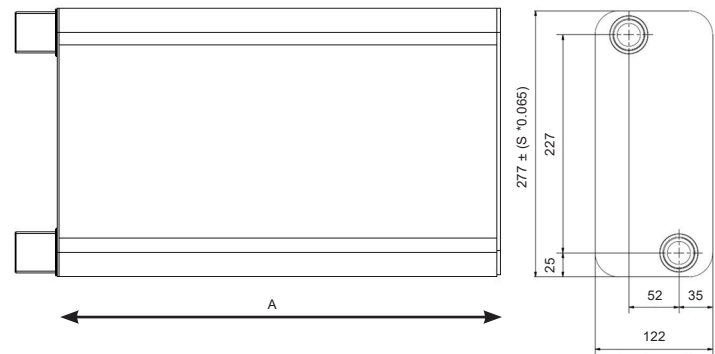
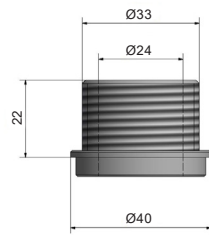
Side (A) "High density":	Water / Liquid / High pressure gas
Side (B) "Low density":	Gas / Steam
Plate material:	ASTM 316L / DIN 1.4404 / SS2348
Connections / Cover plates:	ASTM 304 / DIN 1.4301 / SS2333
Brazing material:	Copper (Cu) or Nickel (Ni)
Operating temperature:	Side A: -160°C to +190°C Side B: XXX°C (limited by max plate temperature of 190°C)
Operating absolute pressure at -160/25/190°C:	Side A, Copper (Cu): 0/17/13 bar(a); 0/247/189 psi(a) Side A, Nickel (Ni): 0/9/7 bar(a); 0/131/102 psi(a)
Prim. heat transfer surface/plate:	≈ 3.5 dm ²
Manufacturing standard:	EN13445-3
PED Side A:	In conformance with 2014/68/EU Fluid Group: 1 & 2

Standard Connections and Versions for GLX30

G 1.25



G 1



Brazing material	Item No.	Item name	Number of plates	Connection	Height (mm)		Weight empty ≈kg	Volume (l)	
					A	Tolerances		Side A	Side B
Cu	ALEA502001	GLX30-16AM-F	16	G1	56	±2.0	3.4	0.45	0.90
	ALEA502002	GLX30-26AM-F	26	G1	88	±2.5	4.5	0.75	1.50
	ALEA502003	GLX30-40AM-F	40	G1	134	±3.0	6.1	1.17	2.34
	ALEA502004	GLX30-60AM-F	60	G1	199	±3.5	8.2	1.77	3.54
	ALEA502005	GLX30-80AM-F	80	G1.25	264	±4.0	10.5	2.37	4.74
	ALEA502006	GLX30-100AM-F	100	G1.25	329	±4.5	12.7	2.97	5.94
	ALEA502007	GLX30-120AM-F	120	G1.25	395	±5.5	14.9	3.57	7.14
	ALEA502008	GLX30-140AM-F	140	G1.25	459	±5.5	17.1	4.17	8.34
Ni	ALEA501001	GLXN30-20AM-F	20	G1	68	±2.5	3.9	0.57	1.14
	ALEA501002	GLXN30-40AM-F	40	G1	134	±3.0	6.1	1.17	2.34
	ALEA501003	GLXN30-60AM-F	60	G1	199	±3.5	8.2	1.77	3.54
	ALEA501004	GLXN30-80AM-F	80	G1.25	264	±4.0	10.5	2.37	4.74
	ALEA501005	GLXN30-100AM-F	100	G1.25	329	±4.5	12.7	2.97	5.94
	ALEA501006	GLXN30-140AM-F	140	G1.25	459	±5.5	17.1	4.17	8.34

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100001244-1-EN

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