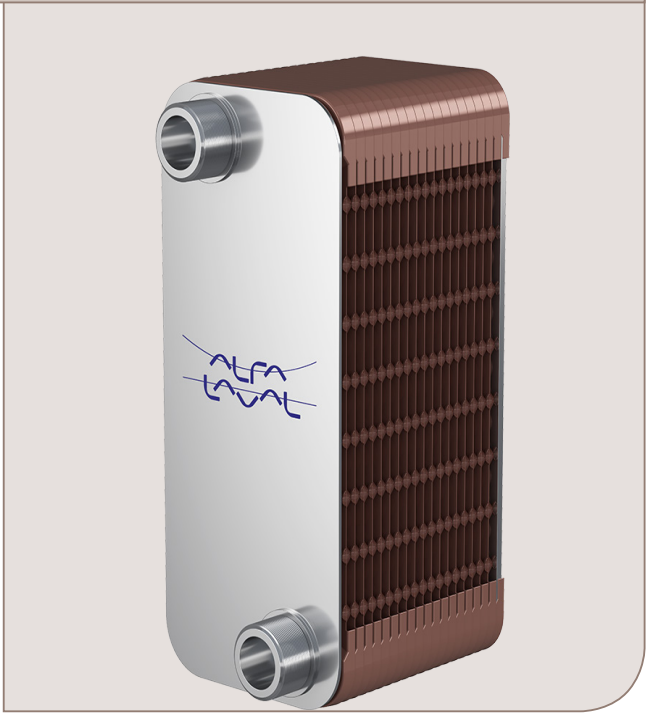
Alfa Laval GLX30 / GLXN30

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.

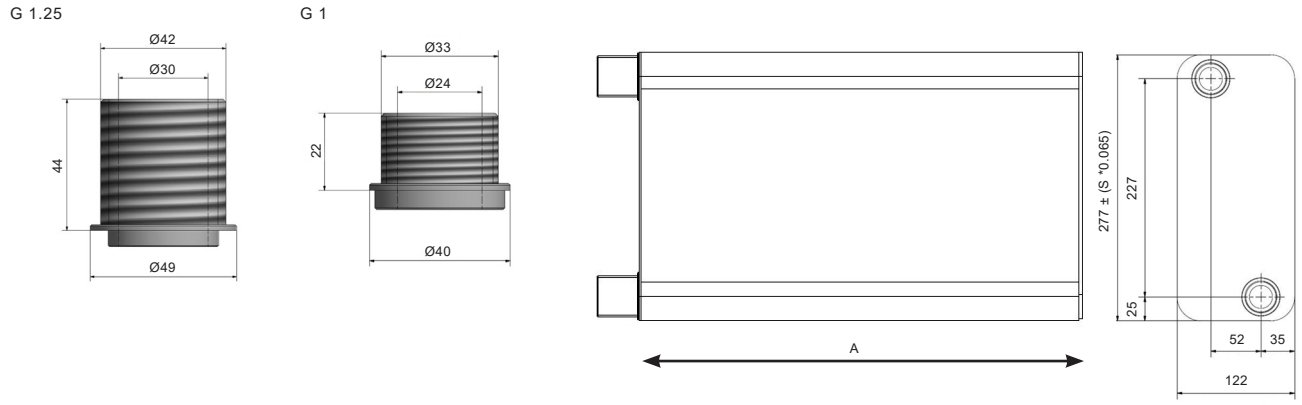


Technical Data

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)
Min. /Max. temperatures*:	-160°C / +190°C
Max. design pressures 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 dm2
Manufacturing standard:	EN13445-3
PED Side A:	In conformance with 2014/68/EU
	Fluid Group: 1 & 2

* Max. design temperature refers to the temperature of the plate material. Gas inlet temperatures can exceed the max. design temperature; the actual acceptable gas inlet temperature will vary from case to case.

Standard Connections and Versions for GLX30



Brazing material	Item name	Number of plates	Connection	Height (mm)		Weight empty ≈kg	Volume (l)	
				A	Tolerances		Side A	Side B
Cu	GLX30-15AM-F	16	G1	56	±2.0	3.4	0.45	0.90
	GLX30-25AM-F	26	G1	88	±2.5	4.5	0.75	1.50
	GLX30-39AM-F	40	G1	134	±3.0	6.1	1.17	2.34
	GLX30-59AM-F	60	G1	199	±3.5	8.2	1.77	3.54
	GLX30-79AM-F	80	G1.25	264	±4.0	10.5	2.37	4.74
	GLX30-99AM-F	100	G1.25	329	±4.5	12.7	2.97	5.94
	GLX30-119AM-F	120	G1.25	395	±5.5	14.9	3.57	7.14
	GLX30-139AM-F	140	G1.25	459	±5.5	17.1	4.17	8.34
Ni	GLXN30-19AM-F	20	G1	68	±2.5	3.9	0.57	1.14
	GLXN30-39AM-F	40	G1	134	±3.0	6.1	1.17	2.34
	GLXN30-59AM-F	60	G1	199	±3.5	8.2	1.77	3.54
	GLXN30-79AM-F	80	G1.25	264	±4.0	10.5	2.37	4.74
	GLXN30-99AM-F	100	G1.25	329	±4.5	12.7	2.97	5.94
	GLXN30-139AM-F	140	G1.25	459	±5.5	17.1	4.17	8.34

This document and its contents are subject to copyrights and other intellectual property rights owned by Alfa Laval Corporate AB. No part of this document may be copied, re-produced or transmitted in any form or by any means, or for any purpose, without Alfa Laval Corporate AB's prior express written permission. Information and services provided in this document are made as a benefit and service to the user, and no representations or warranties are made about the accuracy or suitability of this information and these services for any purpose. All rights are reserved.

100001244-2-EN

© Alfa Laval Corporate AB

How to contact Alfa Laval
Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com