

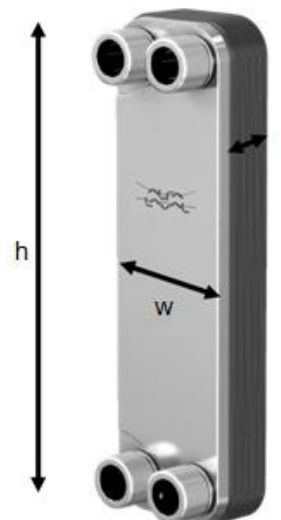
# Technical specification



## Alfa Laval copper brazed plate heat exchanger

Typ : CB30-34H  
 Pos. :  
 Datum : 18.01.2024

The brazing material seals and holds the plates together at the contact points ensuring optimal heat transfer efficiency and pressure resistance. Using advanced design technologies and extensive verification guarantees the highest performance and longest possible service life. Different pressure ratings are available for different needs. Based on standard components and a modular concept, including symmetric and asymmetric channels, each unit is custom-built to meet the specific requirements of each individual installation.



Medium		<u>Warme Seite</u> Wasser	<u>Kalte Seite</u> Wasser
Massenstrom	kg/s	0.3339	1.118
Eintrittstemperatur	°C	110.0	55.0
Austrittstemperatur	°C	60.0	70.0
Druckverlust	kPa	1.62	20.2
L.M.T.D.	K	16.8	
Wärmeleistung	kW	70.00	
Flächenreserve	%	19.0	
Wärmeübertragungsfläche	m <sup>2</sup>	0.93	
Number of plates		34	
Material Platte / Lot		Alloy 316 / Cu	
Anschluss S1 (Warm-Ein)		Außengewinde/ 1 1/4" ISO 228/1-G (V24) Alloy 316	
Anschluss S2 (Warm-Aus)		Außengewinde/ 1 1/4" ISO 228/1-G (V24) Alloy 316	
Anschluss S3 (Kalt-Ein)		Außengewinde/ 1" ISO 228/1-G (V22) Alloy 316	
Anschluss S4 (Kalt-Aus)		Außengewinde/ 1" ISO 228/1-G (V22) Alloy 316	
Auslegungsdruck bei 90°C	Bar	40.0	40.0
Auslegungsdruck bei 225°C	Bar	32.0	32.0
Auslegungstemperatur	°C	-196.0/225.0	
Druckgeräterichtlinie		PED	
Length x width x height (l x w x h)	mm	137 x 113 x 313	
Leer- / Betriebsgewicht	kg	6.20 / 7.93	

### Contact us:

**Aptec production s.r.o.**  
 U Sladovny 425, CZ - 67125 Hodonice  
 T +420 530 511 302, **Hotline 24h** +420 778 080 012  
 E: [info@apteccentral.com](mailto:info@apteccentral.com) | W: [apteccentral.com](http://apteccentral.com)

