



Price list HVAC and General industry – 2020

Brazed and Fusion-bonded plate heat exchangers



Alfa Laval price list for Brazed and fusion-bonded plate heat exchangers for the HVAC & General Industry (Europe)

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HVAC and General Industry

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Dear customer,

This price list is valid from 01.01.2020 all previous price lists will loose their validity at this date. The prices shown in this list are our gross prices, based on Term of delivery according to Incoterm 2010, including export packing and loading at production unit (FCA Production site), excluding VAT and export/import duties. "The General Conditions of the selling Alfa Laval Group company apply to all purchases of products contained in this pricelist. These conditions apply whether or not a copy is attached to the order confirmation or whether a reference is made in the order confirmation. A copy of these General Conditions can be obtained from the selling Alfa Laval Group company". Prices are subject to change without notice. While every precaution has been taken, Alfa Laval assumes no responsibility for errors or omission, or for damage resulting from the information contained herein.

Brazed plate heat exchangers

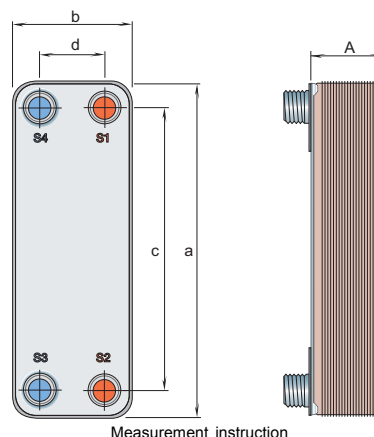
Technical specifications CB range

Many of Alfa Laval's brazed heat exchangers are available directly from stock which are shown in this pricelist. If a more customized specification is required we offer a configure to order service. The table below gives an overview of the complete brazed heat exchanger range.

Product Guide

Visit the Alfa Laval Product Guide, a tool available online where you can easily select a brazed plate heat exchanger suitable for your application.

Visit: <http://productguide.alfalaval.com>



	CB16 / CBH16	CB18 / CBH18	CBH18DW	CB20	CB30 / CBH30	CB60 / CBH60	CB110 / CBH110
Channel type	H, A	H, A	H	H	H, M, L	H, M, L	H, M, L
Max./min. design temperature (°C)	+225/-196	+225/-196	+150/-196	+225/-196	+225/-196	+225/-196	+225/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	32/32	32/32	32/32	16/16	36/36	36/36	26/26
Volume/channel (S3-S4/S1-S2) (litres)	0.027 (H) ⁴⁾	0.038 (H) ⁵⁾	0.0335	0.028	0.054	0.103 (H) ⁶⁾	0.21
Max. flowrate (S3-S4/S1-S2) (m³/h) **	3.6	4.1	4.1	8.9	14.5	14.5	51
Height, mm (a)	211	316	314	324	313	527	616
Width, mm (b)	74	74	76	94	113	113	191
Vertical connection distance, mm (c)	172	278	278	270	250	466	519
Horizontal connection distance, mm (d)	40	40	40	46	50	50	92
Plate pack length, mm (A)	(n x 2.16) + 8	(n x 2.16) + 8	(n x 2.27) + 12.2	(n x 1.5) + 8	(n x 2.31) + 13	(n x 2.35) + 13	(n x 2.2) + 12
Weight empty, kg ***	(n x 0.04) + 0.27	(n x 0.07) + 0.4	(n x 0.13) + 0.6	(n x 0.08) + 0.6	(n x 0.1) + 1.2	(n x 0.18) + 2.1	(n x 0.38) + 13
Plate material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Brazing material	Copper	Copper	Copper	Copper	Copper	Copper	Copper
Max. number of plates	60	60	60	110	150	150	300
	CB112 / CBH112	CB200 / CBH200	CB210/CBH210	CB300 / CBH300	CB400	CB410 / CBH410	
Channel type	H, M, L, AM, AH	H, M, L	H, M, L, AM, AH	H, M, L	H, L	H, M, L	
Max./min. design temperature (°C)	+225/-196	+225/-196	+225/-196	+225/-196	+225/-196	+225/-196	
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	32/32	26/26	16/16 / 20/20	16/27	27/32	13/25	
Volume/channel (S3-S4/S1-S2) (litres)	0.18 ⁷⁾	0.51	?	0.58/0.69	0.74	0.69	
Max. flowrate (S3-S4/S1-S2) (m³/h) **	34/63	128	153	200	200	285	
Height, mm (a)	618	740	742	990	990	793	
Width, mm (b)	191	323	324	365	390	490	
Vertical connection distance, mm (c)	519	622	597	816/861	825	593	
Horizontal connection distance, mm (d)	92	205	179	213.5	225	290	
Plate pack length, mm (A)	(n x 2.05) + 15	(n x 2.7) + 11 / (n x 2.7) + 14	(n x 2.19) + 11	(n x 2.62) + 11	(n x 2.56) + 14	(n x 2.17) + 14.2	
Weight empty, kg ***	(n x 0.35) + 4.8	(n x 0.6) + 12 / (n x 0.6) + 14	(n x 0.61) + 12	(n x 1.26) + 21	(n x 1.35) + 24	(n x 1.14) + 30	
Plate material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	
Connection material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	
Brazing material	Copper	Copper	Copper	Copper	Copper	Copper	
Max. number of plates	300	230	250	250	270	300	

* According to PED

** Water at 5 m/s (connection velocity)

*** Excluding connections

n = number of plates

¹⁾ M and L channels 29/28 bar

²⁾ E channel 0.18/0.18; A channel 0.18/0.25

³⁾ A channels (n x 2.5) + 10, E channels (n x 2.2) + 10

⁴⁾ A channel (0.030/0.024)

⁵⁾ A channel (0.042/0.035)

⁶⁾ L and M channels 0.13

⁷⁾ AH and AM channels 0.20/0.16



CBH16

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with air.

Auxiliaries: Insulations and couplings.

	PED *
Design temperature °C	+225
Design pressure (S3/S4, S1/S2)	30 / 30

* Pressure x Volume is too small for PED approval

CBH16 Standard units						Insulation type	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 3/4" externally threaded, length 20 mm							
A-channels (Z31, Z31)							
CBH16-9A	S	3287087082	220	45 X 74 X 210	0.9	3456119701	37.5
CBH16-13A	S	3287087081	265	54 X 74 X 210	1.1	3456119701	37.5
CBH16-17A	S	3287087080	304	63 X 74 X 210	1.2	3456119701	37.5
CBH16-25A	S	3287087077	389	80 X 74 X 210	1.6	3456119702	39.8
CBH16-35A	S	3287087076	494	102 X 74 X 210	2.0	3456119702	39.8
H-channels (Z31, Z31)							
CBH16-9H	S	3287087068	220	45 X 74 X 210	0.9	3456119701	37.5
CBH16-13H	S	3287087069	265	54 X 74 X 210	1.1	3456119701	37.5
CBH16-17H	S	3287087071	304	63 X 74 X 210	1.2	3456119701	37.5
CBH16-25H	S	3287087072	389	80 X 74 X 210	1.6	3456119702	39.8
CBH16-35H	S	3287087073	494	102 X 74 X 210	2.0	3456119702	39.8
CBH16-41H	S	3287087074	558	115 X 74 X 210	2.2	3456119702	39.8

S = Stock unit, N = Non stocked unit.

CBH16 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN15 3/4"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632401	22.7	0.1	Fits Z31
Soldering type					
15 mm 3/4"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634601	36.6	0.2	Fits Z31
External thread					
2x ISO G3/4" - 3/4" Brass. (include 2 pcs)	S	3456643701	27.3	0.3	Fits Z31, A21
Gaskets					
Extra gasket fitting for 3/4" couplings (include 2 pcs)	S	3456636101	2.3		
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Max 17 plates	S	3456119701	37.5	0.2	81 X 120 X 248
Max 45 plates	S	3456119702	39.8	0.3	142 X 120 X 248

S = Stock unit



CBH18

The brazed plate heat exchangers quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations and couplings.

	PED *
Design temperature °C	+150
Design pressure (S3/S4, S1/S2)	32 / 32

* Pressure x Volume is too small for PED approval

CBH18 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 3/4" externally threaded, length 20 mm							
A-channels (Z31, Z31)							
CBH18-15A	S	3287101703	328	58 X 74 X 316	1.5	164394701	138
CBH18-23A	S	3287101704	410	76 X 74 X 316	2.0	164394702	142
CBH18-29A	S	3287095933	468	89 X 74 X 316	2.4	164394702	142
CBH18-39A	S	3287101705	567	110 X 74 X 316	3.1	164394702	142
H-channels (Z31, Z31)							
CBH18-15H	S	3287101627	328	58 X 74 X 316	1.5	164394701	138
CBH18-23H	S	3287101628	410	76 X 74 X 316	2.0	164394702	142
CBH18-29H	S	3287095932	468	89 X 74 X 316	2.4	164394702	142
CBH18-39H	S	3287101629	567	110 X 74 X 316	3.1	164394702	142
CBH18-47H	S	3287101630	666	128 X 74 X 316	3.6	164394703	149

S = Stock unit, N = Non stocked unit.

CBH18 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
2x ISO G3/4" CS; Pipe DN15 CS (include 2 pcs)	S	3456632401	22.7	0.1	Fits Z31
Soldering type					
2x ISO G3/4" CS; d15 Brass (include 2 pcs)	S	3456634601	36.6	0.2	Fits Z31
External thread					
2x ISO G3/4" – 3/4" Brass. (include 2 pcs)	S	3456643701	27.3	0.3	Fits Z31, A21
Gaskets					
Extra gasket fitting for 3/4" couplings (include 2 pcs)	S	3456636101	2.3		
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 20 plates	S	164394701	138	0.8	
Max 40 plates	S	164394702	142	0.9	
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Max 20 plates	S	3456213801	36.4	0.1	
Max 40 plates	S	3456213802	39.8	0.2	

S = Stock unit



CBH18DW Double wall

The brazed plate heat exchangers quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations and couplings.

	PED *
Design temperature °C	+150
Design pressure (S3/S4, S1/S2)	32 / 32

* Pressure x Volume is too small for PED approval

CBH18DW Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: ISO G 3/4" externally threaded, length 20 mm					
H-channels (Z31, Z31)					
CBH18DW-13H-F	S	3075012254	476	62 X 76 X 314	2.7
CBH18DW-18H-F	S	3075012255	561	73 X 76 X 314	3.3
CBH18DW-23H-F	S	3075012256	646	84 X 76 X 314	4.0
CBH18DW-27H-F	S	3075012257	715	93 X 76 X 314	4.5
CBH18DW-32H-F	S	3075012258	799	105 X 76 X 314	5.2
CBH18DW-40H-F	S	3075012259	936	123 X 76 X 314	6.3
CBH18DW-50H-F	S	3075012260	1106	146 X 76 X 314	7.5

S = Stock unit, N = Non stocked unit.

CBH18DW Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN15 3/4"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632401	22.7	0.1	Fits Z31
Soldering type					
15 mm 3/4"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634601	36.6	0.2	Fits Z31
External thread					
2x ISO G3/4" – 3/4" Brass. (include 2 pcs)	S	3456643701	27.3	0.3	Fits Z31, A21
Gaskets					
Extra gasket fitting for 3/4" couplings (include 2 pcs)	S	3456636101	2.3		

S = Stock unit



CB20

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations and couplings.

	PED*
Design temperature °C	+225
Design pressure (S3/S4, S1/S2)	16 / 16

* Pressure x Volume is too small for PED approval

CB20 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 1" externally threaded, length 24 mm (B21, B21)							
CB20-12H	S	3287000012	347	49 X 94 X 324	2.1	164394701	138
CB20-18H	S	3287000013	420	58 X 94 X 324	2.6	164394701	138
CB20-24H	S	3287000014	496	67 X 94 X 324	3.1	164394701	138
CB20-30H	S	3287000015	568	76 X 94 X 324	3.6	164394701	138
CB20-40H	S	3287000016	690	91 X 94 X 324	4.4	164394702	142
CB20-50H	S	3287000017	810	106 X 94 X 324	5.2	164394702	142
CB20-60H	S	3287000018	932	121 X 94 X 324	6.0	164394702	142
CB20-80H	S	3287000019	1180	151 X 94 X 324	7.6	164394703	149
CB20-110H	S	3287000021	1544	196 X 94 X 324	10.0	164394704	153

S = Stock unit, N = Non stocked unit.

CB20 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 1" externally threaded, length 24 mm (B21, B21)							
CB20AQ-18H	S	3287167829	420	58 X 94 X 324	2.6	164394701	138
CB20AQ-24H	S	3287167790	496	67 X 94 X 324	3.1	164394701	138
CB20AQ-30H	S	3287167830	568	76 X 94 X 324	3.6	164394701	138
CB20AQ-40H	S	3287167789	690	91 X 94 X 324	4.4	164394702	142
CB20AQ-50H	S	3287167831	810	106 X 94 X 324	5.2	164394702	142

S = Stock unit, N = Non stocked unit.

CB20 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	27.3	0.3	Fits B21, V22
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	29.6	0.3	
Soldering type					
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	39.8	0.2	Fits B21, V22
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	84.1	0.6	
Gaskets					
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	3		Fits B21, V22
Floor stand					
Floor stand	S	164428901	85.3	0.7	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 30 plates	S	164394701	138	0.8	113 X 157 X 384
Max 60 plates	S	164394702	142	0.9	158 X 157 X 384
Max 90 plates	S	164394703	149	1.0	203 X 157 X 384
Max 120 plates	S	164394704	153	1.1	248 X 157 X 384
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Max 30 plates	S	3456213801	36.4	0.1	100 X 137 X 366
Max 60 plates	S	3456213802	39.8	0.2	145 X 137 X 366

S = Stock unit



CB30

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Design temperature °C	+225
Design pressure (S3/S4, S1/S2)	32 / 32

CB30 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm							
H-channels (V22, V24)							
CB30-10H	S	3287083361	416	81 X 113 X 313	3.2	3236000881	144
CB30-18H	S	3287083287	513	100 X 113 X 313	4.1	3236000881	144
CB30-24H	S	3287083286	588	113 X 113 X 313	4.7	3236000882	147
CB30-34H	S	3287083363	702	137 X 113 X 313	5.8	3236000882	147
CB30-50H	S	3287083364	893	174 X 113 X 313	8.0	3236000883	149
CB30-70H	S	3287083365	1127	220 X 113 X 313	10.2	3236000884	152
CB30-100H	S	3287083366	1481	289 X 113 X 313	13.7	3236000885	156
CB30-120H	S	3287083367	1716	335 X 113 X 313	15.9	3236000886	159
M-channels (V22, V24)							
CB30-10M	S	3287083368	416	81 X 113 X 313	3.2	3236000881	144
CB30-18M	S	3287083369	513	100 X 113 X 313	4.1	3236000881	144
CB30-24M	S	3287083370	588	113 X 113 X 313	4.7	3236000882	147
CB30-34M	S	3287083371	702	137 X 113 X 313	5.8	3236000882	147
CB30-50M	S	3287083372	893	174 X 113 X 313	8.0	3236000883	149
CB30-70M	S	3287083373	1127	220 X 113 X 313	10.2	3236000884	152
CB30-100M	S	3287083374	1481	289 X 113 X 313	13.7	3236000885	156
L-channels (V22, V24)							
CB30-10L	S	3287083377	416	81 X 113 X 313	3.2	3236000881	144
CB30-18L	S	3287083378	513	100 X 113 X 313	4.1	3236000881	144
CB30-24L	S	3287083379	588	113 X 113 X 313	4.7	3236000882	147
CB30-34L	S	3287083380	702	137 X 113 X 313	5.8	3236000882	147
CB30-50L	S	3287083381	893	174 X 113 X 313	8.0	3236000883	149
Connections: ISO G 1" externally threaded, length 45 mm (V22, V22)							
CB30-10H	S	3287082389	412	81 X 113 X 313	3.0	3236000881	144
CB30-18H	S	3287083385	510	100 X 113 X 313	3.9	3236000881	144
CB30-24H	S	3287083386	586	113 X 113 X 313	4.6	3236000882	147
CB30-34H	S	3287083387	699	137 X 113 X 313	5.7	3236000882	147
CB30-50H	S	3287083388	891	174 X 113 X 313	7.8	3236000883	149
CB30-60H	S	3287083294	1011	197 X 113 X 313	8.9	3236000883	149
Two pass - Six connections pre/post heater design (V22, V24)							
CB30-50H	S	3287084064	1094	211 X 113 X 313	8.3	3236000883	149
CB30-70H	S	3287084065	1494	257 X 113 X 313	10.5	3236000884	152
CB30-100H	S	3287084066	1815	326 X 113 X 313	14.0	3236000885	156
CB30-120H	S	3287084067	2106	372 X 113 X 313	16.2	3236000886	159

S = Stock unit, N = Non stocked unit.



Brazed plate heat exchangers

CB30 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 1" externally threaded, length 45 mm (V22, V22)							
CB30AQ-18H	N	3287173671	510	100 X 113 X 313	3.9	3236000881	144
CB30AQ-24H	S	3287167796	586	113 X 113 X 313	4.6	3236000882	147
CB30AQ-34H	S	3287167792	699	137 X 113 X 313	5.7	3236000882	147
CB30AQ-50H	S	3287167794	891	174 X 113 X 313	7.8	3236000883	149

S = Stock unit, N = Non stocked unit.

CB30 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	27.3	0.3	Fits V22
DN20 2xISO G 1" SS pipe 2 pcs)	S	3456875401	268	0.3	
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	29.6	0.3	
DN25 1¼"; Pipe: CS; Nut: CS. Gasket included (include 2 pcs)	S	3456631901	37.5	0.4	Fits V24
DN32 1¼"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632601	63.7	0.4	Fits V24
Soldering type					
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	39.8	0.2	Fits V22
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	84.1	0.6	
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456632101	50	0.4	Fits V24
Gaskets					
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	3		Fits B21, V22
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.6		Fits V24
Adjustable foot					
Max 60 plates	S	3456089801	210	4.3	Fits all connections.
Max 100 plates	S	3456089802	227	4.3	Height adjustable from 400 mm to 600 mm.
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020426	129	0.7	Not suitable together with insulation.
Floor support kit					
Max 30 plates. Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853201	42.1	0.6	
Max 150 plates. Includes 4 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853202	84.1	1.3	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 20 plates	S	3236000881	144	0.7	112 X 182 X 360
Max 40 plates	S	3236000882	147	0.8	160 X 182 X 360
Max 60 plates	S	3236000883	149	0.9	209 X 182 X 360
Max 80 plates	S	3236000884	152	1.0	257 X 182 X 360
Max 100 plates	S	3236000885	156	1.2	304 X 182 X 360
Max 120 plates	S	3236000886	159	1.3	352 X 182 X 360
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Max 25 plates	S	3456104601	36.4	0.2	113 X 156 X 354
Max 50 plates	S	3456104602	38.7	0.2	173 X 156 X 354
Max 100 plates	S	3456104603	42.1	0.3	293 X 156 X 354
Insulation type P					
(max temperature 110°C, min temperature -45°C)					
Max 14 plates	S	3456213901	63.7	0.1	
Max 24 plates	S	3456213902	65.9	0.2	
Max 34 plates	S	3456213903	68.2	0.2	
Max 50 plates	S	3456213905	72.8	0.2	
Max 70 plates	S	3456213907	78.4	0.3	
Max 100 plates	S	3456213908	86.4	0.4	

S = Stock unit



CB60

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. Channel plates are made in acid proof stainless steel material 1.4401. Frame/pressure plates and connections are made in acid proof stainless steel material 1.4301. All components are brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Design temperature °C	+225
Design pressure (S3/S4, S1/S2)	32 / 32

CB60 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm							
H-channels (V22, V24)							
CB60-10H	S	3287079641	519	81 X 113 X 527	4.6	3236000891	153
CB60-20H	S	3287079642	716	104 X 113 X 527	6.4	3236000891	153
CB60-30H	S	3287079643	913	128 X 113 X 527	8.2	3236000892	162
CB60-40H	S	3287079644	1112	151 X 113 X 527	9.9	3236000892	162
CB60-50H	S	3287079645	1308	174 X 113 X 527	12.1	3236000893	165
CB60-60H	S	3287079646	1503	197 X 113 X 527	13.8	3236000893	165
CB60-80H	S	3287079647	1894	244 X 113 X 527	17.4	3236000894	169
CB60-100H	S	3287079648	2286	290 X 113 X 527	21.1	3236000895	172
Connections: ISO G 1" externally threaded, length 45 mm (V22, V24)							
CB60-20H	S	3287079650	714	104 X 113 X 527	6.3	3236000891	153
CB60-30H	S	3287079651	911	128 X 113 X 527	8.0	3236000892	162
CB60-40H	S	3287079652	1105	151 X 113 X 527	9.8	3236000892	162
Two pass (V22, V24) (2,2)							
CB60-30H	S	3287079665	1117	165 X 113 X 527	8.4	3236000892	162
CB60-40H	S	3287079666	1330	188 X 113 X 527	10.2	3236000892	162
CB60-60H	S	3287079667	1760	234 X 113 X 527	13.7	3236000893	165
M-channels (V22, V24)							
CB60-20M	S	3287101477	716	104 X 113 X 527	6.4	3236000891	153
CB60-30M	S	3287101478	913	128 X 113 X 527	8.2	3236000892	162
CB60-40M	S	3287101479	1112	151 X 113 X 527	9.9	3236000892	162
CB60-50M	S	3287101480	1308	174 X 113 X 527	12.1	3236000893	165
CB60-60M	S	3287101481	1501	197 X 113 X 527	13.8	3236000894	169
CB60-80M	S	3287101482	1894	244 X 113 X 527	17.4	3236000894	169
CB60-100M	S	3287101483	2286	290 X 113 X 527	21.1	3236000895	172
L-channels (V22, V24)							
CB60-20L	S	3287101486	716	104 X 113 X 527	6.4	3236000891	153
CB60-30L	S	3287101487	913	128 X 113 X 527	8.2	3236000892	162
CB60-40L	S	3287101488	1113	151 X 113 X 527	9.9	3236000892	162
CB60-50L	S	3287101489	1308	174 X 113 X 527	12.1	3236000893	165
CB60-60L	S	3287101490	1501	197 X 113 X 527	13.8	3236000894	169
CB60-80L	S	3287101491	1894	244 X 113 X 527	17.4	3236000894	169
CB60-100L	S	3287101492	2286	290 X 113 X 527	21.1	3236000895	172
Connections: ISO G 1" externally threaded, length 45 mm							
Two pass (V22, V24) (2,2)							
CB60-40L	S	3287109036	1465	188 X 113 X 527	10.7	3236000892	162
CB60-52L	S	3287109037	1723	216 X 113 X 527	12.8	3236000893	165
CB60-64L	S	3287109038	1989	243 X 113 X 527	14.9	3236000894	169
CB60-80L	S	3287108491	2345	281 X 113 X 527	18.0	3236000894	169
CB60-100L	S	3287108922	2789	327 X 113 X 527	21.5	3236000895	172

S = Stock unit



CB60 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
AHRI certified units (V22, V24)							
CB60AQ-20H	S	3287167802	716	104 X 113 X 527	6.4	3236000891	153
CB60AQ-30H	S	3287167799	913	128 X 113 X 527	8.2	3236000892	162
CB60AQ-40H	S	3287167800	1112	151 X 113 X 527	9.9	3236000892	162
CB60AQ-50H	S	3287167803	1308	174 X 113 X 527	12.1	3236000893	165
CB60AQ-60H	N	3287167970	1503	197 X 113 X 527	13.8	3236000894	169
CB60AQ-80H	N	3287167974	1894	244 X 113 X 527	17.4	3236000894	169
CB60AQ-20L	S	3287167804	716	104 X 113 X 527	6.4	3236000891	153
CB60AQ-30L	S	3287167801	913	128 X 113 X 527	8.2	3236000892	162
CB60AQ-40L	S	3287167805	1113	151 X 113 X 527	9.9	3236000892	162
CB60AQ-50L	N	3287167968	1308	174 X 113 X 527	12.1	3236000893	165
CB60AQ-60L	N	3287167972	1501	197 X 113 X 527	13.8	3236000894	169
CB60AQ-80L	N	3287167975	1894	244 X 113 X 527	17.4	3236000894	169
CB60AQ-100L	N	3287167978	2286	290 X 113 X 527	21.1	3236000895	172
CB60AQ-20M	N	3287167964	716	104 X 113 X 527	6.4	3236000891	153
CB60AQ-30M	N	3287167966	913	128 X 113 X 527	8.2	3236000892	162
CB60AQ-40M	N	3287167967	1112	151 X 113 X 527	9.9	3236000892	162
CB60AQ-50M	N	3287167969	1308	174 X 113 X 527	12.1	3236000893	165
CB60AQ-60M	N	3287167973	1501	197 X 113 X 527	13.8	3236000894	169
CB60AQ-80M	N	3287167976	1894	244 X 113 X 527	17.4	3236000894	169
CB60AQ-100M	N	3287167979	2286	290 X 113 X 527	21.1	3236000895	172

S = Stock unit, N = Non stocked unit.



CB60 EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	27.3	0.3	Fits V22
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	29.6	0.3	
DN25 1¼"; Pipe: CS; Nut: CS. Gasket included (include 2 pcs)	S	3456631901	37.5	0.4	Fits V24
DN32 1¼"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632601	63.7	0.4	Fits V24
Soldering type					
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	39.8	0.2	Fits V22
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	84.1	0.6	
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456632101	50	0.4	Fits V24
Gaskets					
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	3		Fits B21, V22
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.6		Fits V24
Adjustable foot					
Max 60 plates	S	3456089801	210	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Max 100 plates	S	3456089802	227	4.3	
Floor support kit					
Max 30 plates. Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853201	42.1	0.6	
Max 150 plates. Includes 4 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853202	84.1	1.3	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Max 20 plates	S	3236000891	153	0.8	112 X 182 X 588
Max 40 plates	S	3236000892	162	1.0	160 X 182 X 588
Max 60 plates	S	3236000893	165	1.3	210 X 182 X 588
Max 80 plates	S	3236000894	169	1.5	257 X 182 X 588
Max 100 plates	S	3236000895	172	1.7	304 X 182 X 588
Max 120 plates	S	3236000896	176	2.0	352 X 182 X 588
Max 150 plates	S	3236000897	182	2.3	424 X 182 X 588
Insulation type B Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Max 30 plates	S	3456104701	45.5	0.3	125 X 256 X 570
Max 60 plates	S	3456104702	64.8	0.5	197 X 156 X 570
Insulation type P (max temperature 100°C, min temperature -45°C)					
Max 20 plates	S	3456214101	79.6	0.3	
Max 34 plates	S	3456214102	84.1	0.3	
Max 40 plates	S	3456214103	87.5	0.4	
Max 50 plates	S	3456214104	90.9	0.4	
Max 60 plates	S	3456214105	94.4	0.4	
Max 80 plates	S	3456214107	101	0.5	
Max 90 plates	S	3456214108	105	0.6	

S = Stock unit



CB110

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Max. design temperature °C	+225
Design pressure (S3/S4, S1/S2) at 150°C	26 / 26

CB110 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 2" externally threaded, length 48 mm (Stud bolts for feet included)							
H-channels (B23, B23)							
CB110-16H	S	3287101553	1628	119 X 191 X 616	19.6	3236000901	185
CB110-20H	S	3287101554	1860	129 X 191 X 616	20.9	3236000901	185
CB110-24H	S	3287101555	2051	139 X 191 X 616	22.3	3236000901	185
CB110-30H	S	3287101556	2436	155 X 191 X 616	24.4	3236000901	185
CB110-38H	S	3287101557	2845	175 X 191 X 616	27.2	3236000902	195
CB110-46H	S	3287101558	3423	196 X 191 X 616	30.0	3236000902	195
CB110-54H	S	3287101559	3737	216 X 191 X 616	32.8	3236000902	195
CB110-64H	S	3287101560	4104	242 X 191 X 616	36.3	3236000903	204
CB110-76H	S	3287101561	4579	273 X 191 X 616	43.5	3236000903	204
CB110-90H	S	3287101562	5353	308 X 191 X 616	48.4	3236000903	204
CB110-120H	S	3287101563	7027	385 X 191 X 616	58.8	3236000904	212
CB110-130H	N	3287127380	7739	411 X 191 X 616	62.3	32360009054	206
CB110-140H	N	3287119241	8254	436 X 191 X 616	65.8	3236000905	221
CB110-150H	N	3287124117	8769	462 X 191 X 616	69.3	3236000905	221
Connections: ISO G 2" externally threaded, length 48 mm							
M-channels (B23, B23)							
CB110-16M	S	3287101587	1628	119 X 191 X 616	19.6	3236000901	185
CB110-20M	S	3287101588	1860	129 X 191 X 616	20.9	3236000901	185
CB110-24M	S	3287101589	2051	139 X 191 X 616	22.3	3236000901	185
CB110-30M	S	3287101590	2436	155 X 191 X 616	24.4	3236000901	185
CB110-38M	S	3287101591	2845	175 X 191 X 616	27.2	3236000902	195
CB110-46M	S	3287101592	3423	196 X 191 X 616	30.0	3236000902	195
CB110-54M	S	3287101593	3737	216 X 191 X 616	32.8	3236000902	195
CB110-64M	S	3287101594	4104	242 X 191 X 616	36.3	3236000903	204
L-channels (B23, B23)							
CB110-16L	S	3287101598	1628	119 X 191 X 616	19.6	3236000901	185
CB110-20L	S	3287101599	1860	129 X 191 X 616	20.9	3236000901	185
CB110-24L	S	3287101600	2051	139 X 191 X 616	22.3	3236000901	185
CB110-30L	S	3287101601	2436	155 X 191 X 616	24.4	3236000901	185
CB110-38L	S	3287101602	2845	175 X 191 X 616	27.2	3236000902	195
CB110-46L	S	3287101603	3423	196 X 191 X 616	30.0	3236000902	195
CB110 with special connections:							
Connections: S1/S2: ISO G2½" externally threaded connections, length 48 mm. S3/S4: ISO G 2" externally threaded connections, length 48 mm. (O4 for CB110/CB112 same as B25 for CB77)							
H-channels (B23, O4)							
CB110-70H	N	3287101741	4589	257 X 191 X 616	38.7	3236000903	204
CB110-82H	S	3287101743	5000	288 X 191 X 616	45.9	3236000903	204
CB110-130H	N	3287122300	7804	411 X 191 X 616	62.6	32360009054	206
CB110-140H	N	3287122301	8320	436 X 191 X 616	66.1	3236000905	221
CB110-150H	N	3287119609	8836	472 X 191 X 616	69.6	3236000905	221
M-channels (B23, O4)							
CB110-38M	S	3287101748	2920	175 X 191 X 616	27.5	3236000902	195
CB110-54M	S	3287101749	3757	216 X 191 X 616	33.1	3236000902	195
CB110-70M	S	3287101750	4589	257 X 191 X 616	38.7	3236000903	204
Connections: S1/S2: 76 mm stainless steel welding connections, length 48 mm. S3/S4: ISO G2" externally threaded connections, length 48 mm. (O5 for CB110/CB112 same as J25 for CB77)							
L-channels (B23, O5)							
CB110-16L	S	3287101751	1540	104 X 191 X 616	14.1	3236000901	185
CB110-38L	S	3287101755	2947	175 X 191 X 616	27.3	3236000902	195
CB110-54L	S	3287101757	3757	216 X 191 X 616	32.9	3236000902	195
CB110-76L	S	3287101759	4634	273 X 191 X 616	43.6	3236000903	204

S = Stock unit, N = Non stocked unit.



CB110 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
H-channels (B23, B23)							
CB110AQ-16H	N	3287167981	1628	119 X 191 X 616	19.6	3236000901	185
CB110AQ-20H	N	3287167984	1860	129 X 191 X 616	20.9	3236000901	185
CB110AQ-24H	S	3287167987	2051	139 X 191 X 616	22.3	3236000901	185
CB110AQ-30H	S	3287167990	2436	155 X 191 X 616	24.4	3236000901	185
CB110AQ-38H	S	3287167807	2845	175 X 191 X 616	27.2	3236000902	195
CB110AQ-46H	N	3287167993	3423	196 X 191 X 616	30.0	3236000902	195
CB110AQ-54H	S	3287167996	3737	216 X 191 X 616	32.8	3236000902	195
CB110AQ-64H	N	3287167811	4104	242 X 191 X 616	36.3	3236000903	204
CB110AQ-76H	S	3287167999	4579	273 X 191 X 616	43.5	3236000903	204
CB110AQ-90H	N	3287168000	5353	308 X 191 X 616	48.4	3236000903	204
CB110AQ-120H	S	3287168001	7027	385 X 191 X 616	58.8	3236000904	212
CB110AQ-130H	N	3287173692	7739	411 X 191 X 616	62.3	3236000905	206
CB110AQ-140H	N	3287173696	8254	446 X 191 X 616	65.8	3236000905	221
CB110AQ-150H	N	3287173697	8769	472 X 191 X 616	69.3	3236000905	221

S = Stock unit, N = Non stocked unit.

CB110 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN50 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456631601	72.8	1.1	Fits B23
DN50 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456639501	150	1.3	Fits O4
DN65 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456634801	218	1.3	Fits O4
DN40 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456632501	81.9	1.1	Fits B23
2" flange, DN40, Pipe: CS; Nut: CS (include 2 pcs)	S	3456788401	202	3.0	Fits B23
Soldering type					
42 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634401	137	0.8	Fits B23
54 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456631801	148	0.9	Fits B23
Gasket for 2" fitting (include 2 pcs)	S	3456639901	5.4		Fits B23
Gasket for 2½" fitting (include 2 pcs)	S	3456640001	5.4		Fits O4
External thread					
2", Pipe: Brass, Nut: Brass (include 2 pcs)	S	3456643901	118	0.5	Fits B23
Adjustable foot					
Max 60 plates	S	3456090801	250	4.5	Fits all connections. Height adjustable from 400 mm to 600 mm.
Max 90 plates	S	3456090804	250	4.5	
Max 150 plates	S	3456090803	250	4.5	
Floor support kit					
Max 30 plates. Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853301	60.2	1.6	
Max 150 plates. Includes 4 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853302	121	3.3	
Rigid foot					
Rigid foot	S	3456544501	216	3.8	Includes two feet. Note that the BHE must be ordered with stud bolts.(All stocked CB110 are equipped with stud bolts)
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 30 plates	S	3236000901	185	1.3	160 X 240 X 670
Max 60 plates	S	3236000902	195	1.7	247 X 240 X 670
Max 90 plates	S	3236000903	204	2.1	334 X 240 X 670
Max 130 plates	S	3236000904	212	2.6	421 X 240 X 670
Max 160 plates	S	3236000905	221	2.9	510 X 240 X 670

S = Stock unit



CB112

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

Symmetrical (H, M, L) and asymmetrical (A) plates are available for CB112.

	PED
Design temperature °C	+225
Design pressure (S3/S4, S1/S2)	30 / 30

CB112 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: ISO G2" externally threaded connections, length 48 mm. (Stud bolts for feet included)					
H-channels (B23, B23)					
CB112-38H	S	3287147921	2996	162 X 191 X 616	27.2
CB112-62H	S	3287130413	4232	211 X 191 X 616	35.6
CB112-72H	S	3287117052	4748	232 X 191 X 616	39.1
CB112-100H	S	3287110078	6191	290 X 191 X 616	51.9
CB112-120H	S	3287123777	7224	331 X 191 X 616	58.8
CB112-130H	N	3287120851	7739	352 X 191 X 616	62.3
CB112-140H	N	3287138240	8254	373 X 191 X 616	65.8
CB112-150H	S	3287135440	8769	394 X 191 X 616	69.3
CB112-160H	N	3287138102	9286	420 X 191 X 616	72.8
CB112-170H	N	3287155055	9800	435 X 191 X 616	76.3
CB112-180H	N	3287102485	10318	462 X 191 X 616	79.8
CB112-190H	N	3287135436	10831	476 X 191 X 616	83.3
CB112-200H	S	3287155056	11350	497 X 191 X 616	86.8
M-channels (B23, B23)					
CB112-38M	S	3287155052	2996	162 X 191 X 616	27.2
CB112-54M	S	3287141805	3821	195 X 191 X 616	32.8
CB112-62M	S	3287131322	4232	211 X 191 X 616	35.6
CB112-72M	S	3287128402	4748	232 X 191 X 616	39.1
CB112-130M	N	328715505 7	7739	352 X 191 X 616	62.3
CB112-140M	N	328715505 8	8254	379 X 191 X 616	65.8
CB112-150M	N	328715505 9	8769	394 X 191 X 616	69.3
CB112-160M	N	328715506 0	9286	420 X 191 X 616	72.8
CB112-170M	N	328715506 1	9800	435 X 191 X 616	76.3
CB112-180M	N	328715506 2	10318	462 X 191 X 616	79.8
CB112-190M	N	328715506 3	10831	476 X 191 X 616	83.3
CB112-200M	N	328715506 4	11350	503 X 191 X 616	86.8
Connections: Two pass - Six connections pre/post heater design (B23, B23) (2.2)					
CB112-30L	N	3287119176	2700	164 X 191 X 616	25.2
CB112-46L	S	3287119177	3526	197 X 191 X 616	30.8
CB112-64L	S	3287119178	4454	234 X 191 X 616	37.1
CB112-76L	S	3287119179	5072	259 X 191 X 616	41.3
CB112-90L	S	3287119180	5794	288 X 191 X 616	49.1
CB112-120L	S	3287119181	7340	350 X 191 X 616	59.6
CB112-140L	N	3287153512	8254	373 X 191 X 616	65.8
CB112-150L	N	3287150240	8769	400 X 191 X 616	69.3
CB112-160L	N	3287142712	9286	414 X 191 X 616	72.8
CB112-170L	N	3287115114	9800	441 X 191 X 616	76.3
CB112-180L	N	3287155065	10318	456 X 191 X 616	79.8
CB112-190L	N	3287138114	10831	482 X 191 X 616	83.3
CB112-200L	N	3287155066	11350	497 X 191 X 616	86.8
AH- channels					
CB112-46AH	N	3287101535	3378	159 X 191 X 616	30.0
CB112-62AH	N	3287101537	4104	192 X 191 X 616	35.6
CB112-72AH	N	3287101538	4574	212 X 191 X 616	39.1
CB112-120AH	N	3287101542	6861	311 X 191 X 616	58.8
AM- channels					
CB112-46AM	S	3287101510	3378	159 X 191 X 616	30.0
CB112-62AM	S	3287101511	4104	192 X 191 X 616	35.6
CB112-72AM	N	3287101516	4574	212 X 191 X 616	39.1

S = Stock unit, N = Non stocked unit.



CB112 AHRI certified units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
AHRI certified units (B23, B23)					
CB112AQ-54H	S	3287168007	3821	191 X 191 X 616	32.8
CB112AQ-62H	S	3287168009	4232	207 X 191 X 616	35.6
CB112AQ-72H	S	3287168011	4748	228 X 191 X 616	39.1
CB112AQ-100H	S	3287168012	6191	286 X 191 X 616	51.9
CB112AQ-120H	S	3287168013	7224	327 X 191 X 616	58.8

S = Stock unit, N = Non stocked unit.

CB112 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN50 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456631601	72.8	1.1	Fits B23
DN50 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456639501	150	1.3	Fits O4
DN65 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456634801	218	1.3	Fits O4
DN40 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456632501	81.9	1.1	Fits B23
2" flange, DN40, Pipe: CS; Nut: CS (include 2 pcs)	S	3456788401	202	3.0	Fits B23
Soldering type					
42 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634401	137	0.8	Fits B23
54 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456631801	148	0.9	Fits B23
Gasket for 2" fitting (include 2 pcs)	S	3456639901	5.4		Fits B23
Gasket for 2½" fitting (include 2 pcs)	S	3456640001	5.4		Fits O4
External thread					
2", Pipe: Brass, Nut: Brass (include 2 pcs)	S	3456643901	118	0.5	Fits B23
Adjustable foot					
Max 60 plates	S	3456090801	250	4.5	Fits all connections. Height adjustable from 400 mm to 600 mm.
Max 90 plates	S	3456090804	250	4.5	
Max 150 plates	S	3456090803	250	4.5	
Floor support kit					
Max 30 plates. Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853301	60.2	1.6	
Max 150 plates. Includes 4 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853302	121	3.3	
Rigid foot					
Rigid foot	S	3456544501	216	3.8	Includes two feet. Note that the BHE must be ordered with stud bolts.(All stocked CB110 are equipped with stud bolts)
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 40 plates	S	3236000901	185	1.3	160 X 240 X 670
Max 80 plates	S	3236000902	195	1.7	247 X 240 X 670
Max 120 plates	S	3236000903	204	2.1	334 X 240 X 670
Max 160 plates	S	3236000904	212	2.6	421 X 240 X 670
Max 200 plates	S	3236000905	221	2.9	510 X 240 X 670

S = Stock unit



CB200

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

The units are delivered with flanges, feet and lifting lugs as standard design.

Auxiliaries: Insulations.

	PED
Design temperature °C	+175
Design pressure (S3/S4, S1/S2)	26 / 26

CB200 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2/S3/S4 FS-Flanges, DN80 / PN25					
CB200-30H	N	3287000255	4589	252 X 324 X 742	56.4
CB200-40H	N	3287000256	5105	279 X 324 X 742	62.4
CB200-50H	N	3287000257	5620	306 X 324 X 742	68.4
CB200-64H	N	3287000258	6342	344 X 324 X 742	76.8
CB200-80H	N	3287000259	7166	387 X 324 X 742	86.4
CB200-100H	N	3287000260	8196	441 X 324 X 742	98.4
CB200-124H	N	3287000261	9433	506 X 324 X 742	112.8
CB200-150H	N	3287000262	10772	576 X 324 X 742	128.4
CB200-174H	N	3287000263	12009	641 X 324 X 742	142.8
CB200-200H	N	3287000264	13348	711 X 324 X 742	158.4
Connections: S1/S2/S3/S4 Compact flanges DN80 / PN40					
CB200-30H	N	3287070497	4154	252 X 324 X 742	53.9
CB200-40H	N	3287070498	4662	279 X 324 X 742	59.9
CB200-50H	N	3287070499	5171	306 X 324 X 742	65.9
CB200-64H	N	3287070500	5880	344 X 324 X 742	74.3
CB200-80H	N	3287070502	6689	387 X 324 X 742	83.9
CB200-100H	N	3287070504	7702	441 X 324 X 742	95.9
CB200-124H	N	3287070506	8918	506 X 324 X 742	110.3
CB200-150H	N	3287070508	10235	576 X 324 X 742	125.9
CB200-174H	N	3287070509	11456	641 X 324 X 742	140.3
CB200-200H	N	3287070510	12771	711 X 324 X 742	155.9
Connections: S3/S4: Stainless Steel Flanges (loose type) PN25, DN80, DIN 2635 (LFS23). S1/S2: Stainless Steel Flanges (loose type) PN25, DN80, DIN 2635 (LFS23)					
High theta units (LFS23, LFS23)					
CB200-64H incl. insulation	N	3287000765	7219	344 X 324 X 742	82.1
CB200-100H incl. insulation	N	3287056283	9074	441 X 324 X 742	103.7
CB200-124H incl. insulation	N	3287000766	10311	506 X 324 X 742	118.1
CB200-200H incl. insulation	N	3287050163	14226	711 X 324 X 742	163.7
Medium theta units (LFS23, LFS23)					
CB200-50M incl. insulation	N	3287050029	6498	306 X 324 X 742	73.7
CB200-64M incl. insulation	N	3287000762	7219	344 X 324 X 742	82.1
CB200-80M incl. insulation	N	3287000763	8043	387 X 324 X 742	91.7
CB200-100M incl. insulation	N	3287000764	9074	441 X 324 X 742	103.7
CB200-124M incl. insulation	N	3287050006	10311	506 X 324 X 742	118.1
Low theta units (LFS23, LFS23)					
CB200-80L incl. insulation	N	3287050145	8043	387 X 324 X 742	91.7

N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.



CB200 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S3/S4: Stainless Steel Compact Flanges (CPF) DN80, PN40*. S1/S2: Stainless Steel Compact Flanges (CPF) DN80, PN40*					
H-channels (CPF, CPF)					
CB200-64H incl. insulation	N	3287070501	6975	344 X 324 X 742	79.8
CB200-80H incl. insulation	N	3287070503	7784	387 X 324 X 742	89.4
CB200-100H incl. insulation	N	3287070505	8796	441 X 324 X 742	101.4
CB200-124H incl. insulation	N	3287070507	10013	506 X 324 X 742	115.8
CB200-200H incl. insulation	N	3287070511	13866	711 X 324 X 742	161.4
M-channels (CPF, CPF)					
CB200-50M incl. insulation	N	3287070515	6264	306 X 324 X 742	71.4
CB200-64M incl. insulation	N	3287070517	6974	344 X 324 X 742	79.8
CB200-80M incl. insulation	N	3287070519	7784	387 X 324 X 742	89.4
CB200-100M incl. insulation	N	3287070521	8796	441 X 324 X 742	101.4
CB200-124M incl. insulation	N	3287070523	10013	506 X 324 X 742	115.8
L-channels (CPF, CPF)					
CB20040-L incl. insulation	N	3287070530	5756	279 X 324 X 742	65.4
CB20080-L incl. insulation	N	3287070534	7784	387 X 324 X 742	89.4

N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB200 AHRI certified units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
High theta (CPF, CPF), Connections: S1/S2/S3/S4 Compact flanges DN80 / PN40					
CB200AQ-64H incl. insulation	N	3287179917	6974	344 X 324 X 742	79.8
CB200AQ-80H incl. insulation	N	3287179919	7784	387 X 324 X 742	89.4
CB200AQ-100H incl. insulation	N	3287179925	8796	441 X 324 X 742	101.4
CB200AQ-124H incl. insulation	N	3287179927	10013	506 X 324 X 742	115.8
CB200AQ-200H incl. insulation	N	3287179946	13866	711 X 324 X 742	161.4
Medium theta (LFS23, LFS23), Connections: S1/S2/S3/S4 Compact flanges DN80 / PN40					
CB200AQ-50M incl. insulation	N	3287179912	6264	306 X 324 X 742	71.4
CB200AQ-64M incl. insulation	N	3287179915	6974	344 X 324 X 742	79.8
CB200AQ-80M incl. insulation	N	3287179921	7784	387 X 324 X 742	89.4
CB200AQ-100M incl. insulation	N	3287179923	8796	441 X 324 X 742	101.4
CB200AQ-124M incl. insulation	N	3287179929	10013	506 X 324 X 742	115.8
Low theta (LFS23, LFS23), Connections: S1/S2/S3/S4 Compact flanges DN80 / PN40					
CB200AQ-80L incl. insulation	N	32871 7992 0	7784	387 X 324 X 742	89.4

S = Stock unit, N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB200 Extras		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN80 flange: SS; Nut: SS (gasket included) (include 1 pcs)	S	3456325103	134	1.8
DN80 flange: CS; Nut: SS (gasket included) (include 1pcs)	S	3456325104	103	1.8
Gasket for DN80 flange (include 1 pcs)	S	3456287003	18.8	

S = Stock unit



CB210

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

The units are delivered with flanges, feet and lifting lugs as standard design.

Auxiliaries: Insulations.

	PED
Design temperature °C	+175
Design pressure (S3/S4, S1/S2)	26 / 26

CB210 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2/S3/S4 FS-Loose flange, DN80 / PN25					
CB210-24L	N	3075032946	4187	375 X 324 X 742	60.4
CB210-30L	N	3075032959	4442	388 X 324 X 742	64.0
CB210-40L	N	3075034056	4867	410 X 324 X 742	70.1
CB210-50L	N	3075034057	5292	432 X 324 X 742	76.2
CB210-60L	N	3075034049	5717	453 X 324 X 742	82.2
CB210-70L	N	3075034058	6142	475 X 324 X 742	88.3
CB210-80L	N	3075034059	6567	497 X 324 X 742	94.3
CB210-90L	N	3075034060	6992	519 X 324 X 742	100.4
Connections: S1/S2/S3/S4 FS-Loose flange, DN100 / PN20					
CB210-100L	N	3075034061	7521	572 X 324 X 742	111.9
CB210-110L	N	3075034062	7946	594 X 324 X 742	118.0
CB210-130L	N	3075034063	8796	638 X 324 X 742	130.1
CB210-150L	N	3075034064	9646	682 X 324 X 742	142.2
CB210-170L	N	3075034065	10496	725 X 324 X 742	154.3
CB210-190L	N	3075034066	11346	769 X 324 X 742	166.5
CB210-210L	N	3075034067	12196	813 X 324 X 742	178.6
CB210-230L	N	3075034068	13046	857 X 324 X 742	204.1
CB210-250L	N	3075034069	13896	901 X 324 X 742	216.2
Connections: S1/S2/S3/S4 Compact flanges DN80 / PN40					
CB210-40H	N	3075023494	4308	259 X 324 X 742	67.7
CB210-50H	N	3075023495	4733	281 X 324 X 742	73.7
CB210-60H	N	3075023497	5158	302 X 324 X 742	79.8
CB210-70H	N	3075023498	5583	324 X 324 X 742	85.9
CB210-80H	N	3075023499	6008	346 X 324 X 742	91.9
CB210-90H	N	3075023500	6433	368 X 324 X 742	98.0
CB210-40L	N	3075034070	4308	259 X 324 X 742	67.7
CB210-50L	N	3075034071	4733	281 X 324 X 742	73.7
CB210-60L	N	3075034072	5158	302 X 324 X 742	79.8
CB210-70L	N	3075034073	5583	324 X 324 X 742	85.9
CB210-80L	N	3075034074	6008	346 X 324 X 742	91.9
CB210-90L	N	3075034075	6433	368 X 324 X 742	98.0
CB210-40M	N	3075023385	4308	259 X 324 X 742	67.7
CB210-50M	N	3075023386	4733	281 X 324 X 742	73.7
CB210-60M	N	3075023491	5158	302 X 324 X 742	79.8
CB210-80M	N	3075023511	6008	346 X 324 X 742	91.9
CB210-70M	N	3075023492	5583	324 X 324 X 742	85.9
CB210-90M	N	3075023512	6433	368 X 324 X 742	98.0
CB210-40AM	N	3075023524	4308	259 X 324 X 742	67.7
CB210-50AM	N	3075023525	4733	281 X 324 X 742	73.7
CB210-60AM	N	3075023526	5158	302 X 324 X 742	79.8
CB210-70AM	N	3075023528	5583	324 X 324 X 742	85.9
CB210-80AM	N	3075023529	6008	346 X 324 X 742	91.9
CB210-90AM	N	3075023530	6433	368 X 324 X 742	98.0

N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.



CB210 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2/S3/S4 Compact flanges DN100 / PN35					
CB210-100H	N	3075023501	6909	390 X 324 X 742	104.9
CB210-110H	N	3075023502	7334	412 X 324 X 742	110.9
CB210-120H	N	3075023503	7759	434 X 324 X 742	117.0
CB210-130H	N	3075023504	8184	456 X 324 X 742	123.1
CB210-140H	N	3075023506	8609	478 X 324 X 742	129.1
CB210-150H	N	3075023389	9034	500 X 324 X 742	135.2
CB210-170H	N	3075023493	9884	543 X 324 X 742	147.3
CB210-190H	N	3075023507	10734	587 X 324 X 742	159.4
CB210-210H	N	3075023508	11584	631 X 324 X 742	171.5
CB210-230H	N	3075023509	12434	675 X 324 X 742	183.7
CB210-250H	N	3075023510	13284	719 X 324 X 742	195.8
CB210-100L	N	3075034076	6909	390 X 324 X 742	104.9
CB210-110L	N	3075034077	7334	412 X 324 X 742	110.9
CB210-120L	N	3075034078	7759	434 X 324 X 742	117.0
CB210-130L	N	3075034079	8184	456 X 324 X 742	123.1
CB210-140L	N	3075034080	8609	478 X 324 X 742	129.1
CB210-150L	N	3075034081	9034	500 X 324 X 742	135.2
CB210-170L	N	3075034082	9884	543 X 324 X 742	147.3
CB210-190L	N	3075034083	10734	587 X 324 X 742	159.4
CB210-210L	N	3075034084	11584	631 X 324 X 742	171.5
CB210-230L	N	3075034085	12434	675 X 324 X 742	183.7
CB210-250L	N	3075034086	13284	719 X 324 X 742	195.8
CB210-100M	N	3075023388	6909	390 X 324 X 742	104.9
CB210-110M	N	3075023513	7334	412 X 324 X 742	110.9
CB210-120M	N	3075023514	7759	434 X 324 X 742	117.0
CB210-130M	N	3075023515	8184	456 X 324 X 742	123.1
CB210-140M	N	3075023516	8609	478 X 324 X 742	129.1
CB210-150M	N	3075023517	9034	500 X 324 X 742	135.2
CB210-170M	N	3075023518	9884	543 X 324 X 742	147.3
CB210-190M	N	3075023519	10734	587 X 324 X 742	159.4
CB210-210M	N	3075023520	11584	631 X 324 X 742	171.5
CB210-230M	N	3075023522	12434	675 X 324 X 742	183.7
CB210-250M	N	3075023523	13284	719 X 324 X 742	195.8
CB210-100AM	N	3075023531	6909	390 X 324 X 742	104.9
CB210-110AM	N	3075023532	7334	412 X 324 X 742	110.9
CB210-120AM	N	3075023533	7759	434 X 324 X 742	117.0
CB210-130AM	N	3075023535	8184	456 X 324 X 742	123.1
CB210-140AM	N	3075023536	8609	478 X 324 X 742	129.1
CB210-150AM	N	3075023537	9034	500 X 324 X 742	135.2
CB210-170AM	N	3075023538	9884	543 X 324 X 742	147.3
CB210-190AM	N	3075023539	10734	587 X 324 X 742	159.4
CB210-210AM	N	3075023540	11584	631 X 324 X 742	171.5
CB210-230AM	N	3075023541	12434	675 X 324 X 742	183.7
CB210-250AM	N	3075023543	13284	719 X 324 X 742	195.8

N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB210 Extras		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN80 flange: SS; Nut: SS (gasket included) (include 1 pcs)	S	3456325103	134	1.8
DN80 flange: CS; Nut: SS (gasket included) (include 1pcs)	S	3456325104	103	1.8
Gasket for DN80 flange (include 1 pcs)	S	3456287003	18.8	

S = Stock unit



CB300

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

The units are delivered with flanges, feet and lifting lugs as standard design.

Auxiliaries: Insulations

	PED
Design temperature °C	+175
Design pressure (S3/S4, S1/S2)	27 / 16

CB300 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: Primary side (S3/S34): Compact flanges, DN65, PN40. Secondary side (S1/S2): Compact flanges, DN100, PN35 *.					
Low theta units (LFS, LFS)					
CB300-30L	N	3287000337	6870	350 X 366 X 990	89.8
CB300-40L	N	3287000338	7635	376 X 366 X 990	102.4
CB300-50L	N	3287000339	8401	402 X 366 X 990	115.0
CB300-64L	N	3287000340	9472	439 X 366 X 990	132.6
CB300-80L	N	3287000341	10697	481 X 366 X 990	152.8
CB300-100L	N	3287000342	12228	533 X 366 X 990	178.0
CB300-124L	N	3287000343	14065	596 X 366 X 990	208.2
CB300-150L	N	3287000344	16056	664 X 366 X 990	241.0
CB300-180L	N	3287000345	18352	743 X 366 X 990	278.8
CB300-210L	N	3287000346	20648	821 X 366 X 990	321.6
CB300-250L	N	3287000347	23710	926 X 366 X 990	372.0
Connections: S1/S2 Compact flanges DN100 / PN35, S3/S4 Compact flanges DN65 / PN40					
CB300-30L	N	3287070337	6252	350 X 366 X 990	84.2
CB300-40L	N	3287070338	7008	376 X 366 X 990	96.8
CB300-50L	N	3287070339	7768	402 X 366 X 990	109.4
CB300-64L	N	3287070340	8827	439 X 366 X 990	127.1
CB300-80L	N	3287070342	10040	481 X 366 X 990	147.2
CB300-100L	N	3287070343	11551	533 X 366 X 990	172.4
CB300-124L	N	3287070344	13371	596 X 366 X 990	202.7
CB300-150L	N	3287070345	15340	664 X 366 X 990	235.4
CB300-180L	N	3287070346	17613	743 X 366 X 990	273.2
CB300-210L	N	3287070347	19885	821 X 366 X 990	316.0
CB300-250L	N	3287070348	22912	926 X 366 X 990	366.4
Connections: S1/S2 FS-Flanges DN100 / PN16, S3/S4 FS-Flanges DN65 / PN30					
CB300-64L	N	3287050044	10360	439 X 366 X 990	137.4
CB300-100L	N	3287050099	13115	533 X 366 X 990	182.7
Connections: S1/S2 Compact flanges DN100 / PN35, S3/S4 Compact flanges DN65 / PN40					
CB300-30M	N	3287070322	6252	350 X 366 X 990	84.2
CB300-40M	N	3287070323	7008	376 X 366 X 990	96.8
CB300-50M	N	3287070324	7768	402 X 366 X 990	109.4
CB300-64M	N	3287070325	8827	439 X 366 X 990	127.1
CB300-80M	N	3287070327	10040	481 X 366 X 990	147.2
CB300-100M	N	3287070328	11551	533 X 366 X 990	172.4
CB300-124M	N	3287070330	13371	596 X 366 X 990	202.7
CB300-150M	N	3287070331	15340	664 X 366 X 990	235.4
CB300-180M	N	3287070333	17613	743 X 366 X 990	273.2
CB300-210M	N	3287070334	19885	821 X 366 X 990	316.0
CB300-250M	N	3287070336	22912	926 X 366 X 990	366.4
Connections: S1/S2 FS-Flanges DN100 / PN16, S3/S4 FS-Flanges DN65 / PN30					
CB300-30M	N	3287000326	6870	350 X 366 X 990	89.8
CB300-40M	N	3287000327	7635	376 X 366 X 990	102.4
CB300-50M	N	3287000328	8401	402 X 366 X 990	115.0
CB300-64M	N	3287000329	9472	439 X 366 X 990	132.6
CB300-80M	N	3287000330	10697	481 X 366 X 990	152.8
CB300-100M	N	3287000331	12228	533 X 366 X 990	178.0
CB300-124M	N	3287000332	14065	596 X 366 X 990	208.2
CB300-150M	N	3287000333	16056	664 X 366 X 990	241.0
CB300-180M	N	3287000334	18352	743 X 366 X 990	278.8
CB300-210M	N	3287000335	20648	821 X 366 X 990	321.6
CB300-250M	N	3287000336	23710	926 X 366 X 990	372.0

N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.



CB300 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 Compact flanges DN100 / PN35, S3/S4 Compact flanges DN65 / PN40					
CB300-64M incl. mounted insulation	N	3287070326	9941	439 X 366 X 990	132.1
CB300-100M incl. mounted insulation	N	3287070329	12668	533 X 366 X 990	177.4
Connections: S1/S2 FS-Flanges DN100 / PN16, S3/S4, FS-Flanges DN65 / PN30					
CB300-30H	N	3287000315	6870	350 X 366 X 990	89.8
CB300-40H	N	3287000316	7635	376 X 366 X 990	102.4
CB300-50H	N	3287000317	8401	402 X 366 X 990	115.0
CB300-64H	N	3287000318	9472	439 X 366 X 990	132.6
CB300-80H	N	3287000319	10697	481 X 366 X 990	152.8
CB300-100H	N	3287000320	12228	533 X 366 X 990	178.0
CB300-124H	N	3287000321	14065	596 X 366 X 990	208.2
CB300-150H	N	3287000322	16056	664 X 366 X 990	241.0
CB300-180H	N	3287000323	18352	743 X 366 X 990	278.8
CB300-210H	N	3287000324	20648	821 X 366 X 990	321.6
CB300-250H	N	3287000325	23710	926 X 366 X 990	372.0
Connections: S1/S2 Compact flanges DN100 / PN35, S3/S4 Compact flanges DN65 / PN40					
CB300-30H	N	3287070309	6252	350 X 366 X 990	84.2
CB300-40H	N	3287070310	7008	376 X 366 X 990	96.8
CB300-50H	N	3287070311	7768	402 X 366 X 990	109.4
CB300-64H	N	3287070312	8827	439 X 366 X 990	127.1
CB300-80H	N	3287070313	10040	481 X 366 X 990	147.2
CB300-100H	N	3287070314	11551	533 X 366 X 990	172.4
CB300-124H	N	3287070315	13371	596 X 366 X 990	202.7
CB300-150H	N	3287070316	15340	664 X 366 X 990	235.4
CB300-180H	N	3287070318	17613	743 X 366 X 990	273.2
CB300-210H	N	3287070319	19885	821 X 366 X 990	316.0
CB300-250H	N	3287070320	22912	926 X 366 X 990	366.4
Connections: S1/S2 Compact flanges DN100 / PN35, S3/S4 Compact flanges DN65 / PN40					
CB300-150	N	3287070317	16454	664 X 366 X 990	240.4

S = Stock unit, N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB300 AHRI certified units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 LFS- Flanges (loose type) DN100 / PN16, S3/S4 LFS- Flanges (loose type) DN65 / PN30					
CB300AQ-124H	N	3287173774	14065	596 X 366 X 990	208.2
CB300AQ-124L	N	3287173776	14065	596 X 366 X 990	208.2
CB300AQ-124M	N	3287173775	14065	596 X 366 X 990	208.2

S = Stock unit, N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB300 Extras					Weight kg/unit
Counter compact flanges					
DN65 flange: SS; Nut: SS (gasket included)	S	3456325101	112		1.5
DN100 flange: SS; Nut: SS (gasket included)	S	3456325105	193		2.5
DN65 flange: CS; Nut: SS (gasket included)	S	3456325102	98.9		1.5
DN100 flange: CS; Nut: SS (gasket included)	S	3456325106	159		2.5
Gasket for DN65 flange	S	3456287002	18.8		0.1
Gasket for DN100 flange	S	3456287004	18.8		

S = Stock unit



CB400

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

The units are delivered with flanges, feet and lifting lugs as standard design.

Auxiliaries: Insulations.

	PED
Design temperature °C	+225
Design pressure (S3/S4, S1/S2)	30 / 25

CB400 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: Primary side (S3/S4): Compact flanges, DN100, PN35*. Secondary side (S1/S2): Compact flanges, DN100, PN35*.					
High theta units (CPF, CPF)					
CB400-200H incl. insulation	N	3287081959	22090	786 X 390 X 990	325.5
CB400-270H incl. insulation	N	3287081961	27822	965 X 390 X 990	425.0
Connections: S1/S2/S3/S4 Compact flanges DN100 / PN35					
CB400-40H	N	3287075659	7798	376 X 390 X 990	104.5
CB400-80H	N	3287075660	11076	479 X 390 X 990	158.5
CB400-120H	N	3287075661	14350	581 X 390 X 990	212.5
CB400-160H	N	3287075662	17624	684 X 390 X 990	266.5
CB400-200H	N	3287075663	21142	786 X 390 X 990	340.5
CB400-200H	N	3287075675	20900	786 X 390 X 990	320.5
CB400-240H	N	3287075664	24176	888 X 390 X 990	379.5
CB400-270H	N	3287075665	26631	965 X 390 X 990	420.0
Connections: S1/S2 FS-Flanges DN100 / PN40, S3/S4 FS-Flanges DN100 / PN40 incl. insulation					
CB400-200H	N	3287173057	25692	931 X 390 X 990	354.8
Connections: S1/S2/S3/S4 Compact flanges DN100 / PN35					
CB400-40L	N	3287075666	7798	376 X 390 X 990	104.8
CB400-80L	N	3287075667	11076	479 X 390 X 990	158.8
CB400-120L	N	3287075669	14350	581 X 390 X 990	212.8
CB400-160L	N	3287075670	17624	684 X 390 X 990	266.8
CB400-200L	N	3287075671	20900	786 X 390 X 990	320.8
CB400-240L	N	3287075672	24176	888 X 390 X 990	379.8
CB400-270L	N	3287075673	26631	965 X 390 X 990	420.3

N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB400 AHRI certified units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2/S3/S4 Compact flanges DN100 / PN35					
CB400AQ-40H	N	3287173789	7798	376 X 390 X 990	104.5
CB400AQ-80H	N	3287173791	11076	479 X 390 X 990	158.5
CB400AQ-200H	N	3287168029	22090	786 X 390 X 990	325.5
CB400AQ-40L	N	3287173790	7798	376 X 390 X 990	104.8
CB400AQ-80L	N	3287171029	11076	479 X 390 X 990	158.8
CB400AQ-120L	N	3287171030	14350	581 X 390 X 990	212.8

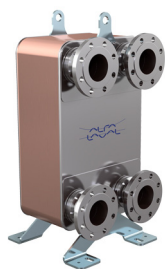
N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB400 Extras		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN100 flange: SS; Nut: SS (gasket included)	S	3456325105	193	2.5
DN100 flange: SS; Nut: CS (gasket included)	S	3456325106	159	2.5
Gasket for DN100 flange	S	3456287004	18.8	

S = Stock unit



CB410

The brazed plate heat exchangers are quality secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.

The units are delivered with flanges, feet and lifting lugs as standard design.

Auxiliaries: Insulations.

	PED
Design temperature °C	+225
Design pressure (S3/S4, S1/S2)	30 / 25

CB410 Standard units					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: Primary side (S3/S4): Compact flanges, DN100, PN35*. Secondary side (S1/S2): Compact flanges, DN100, PN35*.					
H-channels					
CB410-36H	N	3075007370	6278	312 X 490 X 793	99.0
CB410-72H	N	3075007658	8754	390 X 490 X 793	140.0
CB410-110H	N	3075007659	11369	473 X 490 X 793	183.2
CB410-140H	N	3075007660	13433	538 X 490 X 793	217.4
CB410-180H	N	3075007661	16185	625 X 490 X 793	262.9
CB410-210H	N	3075007662	18249	690 X 490 X 793	297.0
CB410-240H	N	3075007663	20313	755 X 490 X 793	331.2
M-channels					
CB410-36M	N	3075007664	6278	312 X 490 X 793	99.0
CB410-72M	N	3075007665	8754	390 X 490 X 793	140.0
CB410-110M	N	3075007666	11369	473 X 490 X 793	183.2
CB410-140M	N	3075007667	13433	538 X 490 X 793	217.4
CB410-180M	N	3075007669	16185	625 X 490 X 793	262.9
CB410-210M	N	3075007670	18249	690 X 490 X 793	297.0
CB410-240M	N	3075007671	20313	755 X 490 X 793	331.2
L-channels					
CB410-36L	N	3075007673	6278	312 X 490 X 793	99.0
CB410-72L	N	3075007674	8754	390 X 490 X 793	140.0
CB410-110L	N	3075007675	11369	473 X 490 X 793	183.2
CB410-140L	N	3075007677	13433	538 X 490 X 793	217.4
CB410-180L	N	3075007678	16185	625 X 490 X 793	262.9
CB410-210L	N	3075007679	18249	690 X 490 X 793	297.0
CB410-240L	N	3075007680	20313	755 X 490 X 793	331.2

N = Non stocked unit.

Available from EXPRESS flow. 4 days production time.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

CB410 Extras		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN100 flange: SS; Nut: SS (gasket included)	S	3456325105	193	2.5
DN100 flange: SS; Nut: CS (gasket included)	S	3456325106	159	2.5
Gasket for DN100 flange	S	3456287004	18.8	

S = Stock unit

Fusion-bonded plate heat exchangers

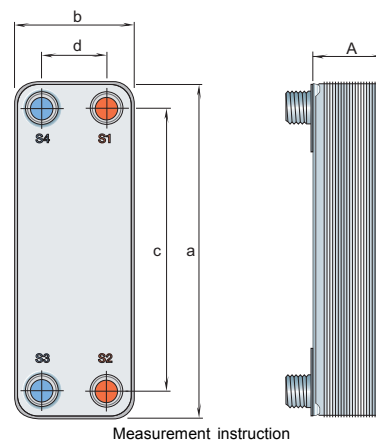
Technical specifications AlfaNova range

Many of Alfa Laval's fusion-bonded plate heat exchangers are available directly from stock which are shown in this pricelist. If a more customized specification is required we offer a configure to order service. The table below gives an overview of the complete fusion bonded plate heat exchanger range. If you have no accesses to the configuration tool please contact your local Alfa Laval sales representative.

Product Guide

Visit the Alfa Laval Product Guide, a tool available online where you can easily select a fusion-bonded plate heat exchanger suitable for your application.

Visit: <http://productguide.alfalaval.com>



	AlfaNova 14	AlfaNova 27	AlfaNova 52	AlfaNova 76	AlfaNova 400
Channel type	H	H, L	H, L	H, A, E, L	H, L
Max./min. design temperature (°C)	+550/-196	+550/-196	+550/-196	+550/-196	+160/-196
Max. design pressure (S3-S4/S1-S2) bar (a) *	21/21	27/22	27/22	27/27 (A,E,H) / 19/19 (L)	17/17
Volume/channel (S3-S4/S1-S2) (litres)	0.02	0.05	0.095	0.25 ¹ /0.25	0.74
Max. flowrate (S3-S4/S1-S2) (m³/h) **	4.6	14	14	37	200
Height, mm (a)	207	310	526	618	990
Width, mm (b)	77	111	111	191	390
Vertical connection distance, mm (c)	172	250	466	519	825
Horizontal connection distance, mm (d)	42	50	50	92	225
Plate pack length, mm (A)	(n x 2.48) + 8	(n x 2.42) + 11	(n x 2.48) + 11	(n x 2.85) + 11***	(n x 2.65) + 14
Weight empty, kg	(n x 0.07) + 0.4	(n x 0.13) + 1	(n x 0.22) + 1.9	(n x 0.49) + 8	(n x 1.4) + 22
Plate material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Bounding material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Max. number of plates	50	100	150	150	270
Radiator heating, capacity (kW) ²	90	400	500	1200	3300
Tap water heating, capacity (kW) ³	60	180	380	700	2700

* According to PED

** Water at 5 m/s (connection velocity)

*** H channel

¹) E channel 0.18/0.18; A channel 0.18/0.25

²) Varies from country to country depending on temperature duty. Given values are for typical district heating installations

³) Valid for H-plate

n = number of plates



AlfaNova 14

The brazed plate heat exchangers are secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and fusion bonded with AlfaFusion™ technology using stainless steel material.

The units are manufactured according to European Directive 97/23/EC and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Max. design temperature °C	+550
Design pressure (S3/S4, S1/S2) at 175°C	21 / 21

AlfaNova 14 Standard units						Insulation type	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G ¾ externally threaded (A21, A21)							
AlfaNova 14-10H	S	3287050661	636	57 X 77 X 207	1.3	3456119701	37.5
AlfaNova 14-20H	S	3287050662	799	82 X 77 X 207	2.0	3456119702	39.8
AlfaNova 14-30H	S	3287050663	965	106 X 77 X 207	2.7	3456119702	39.8
AlfaNova 14-40H	S	3287050664	1131	131 X 77 X 207	3.4	3456119702	39.8
AlfaNova 14-50H	N	3287050665	1295	156 X 77 X 207	4.1	3287177359	

S = Stock unit, N = Non stocked unit.

AlfaNova 14 AHRI certified units						Insulation type B	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G ¾ externally threaded (A21, A21)							
AlfaNova 14 AQ-10H	N	3287168192	636	57 X 77 X 207	1.3	3456119701	37.5
AlfaNova 14 AQ-20H	N	3287168193	799	82 X 77 X 207	2.0	3456119702	39.8
AlfaNova 14 AQ-30H	N	3287168194	965	106 X 77 X 207	2.7	3456119702	39.8
AlfaNova 14 AQ-40H	N	3287168195	1131	131 X 77 X 207	3.4	3456119702	39.8
AlfaNova 14 AQ-50H	N	3287173801	1295	156 X 77 X 207	4.1	3287173801	1295

S = Stock unit, N = Non stocked unit.

AlfaNova 14 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN15 ¾"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632401	22.7	0.1	Fits Z31
Soldering type					
15 mm ¾"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634601	36.6	0.2	Fits Z31
Gaskets					
Extra gasket fitting for 3/4" couplings (include 2 pcs)	S	3456636101	2.3		

S = Stock unit



AlfaNova 27

The brazed plate heat exchangers are secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed with AlfaFusion™ technology using stainless steel material.

The units are manufactured according to European Directive 97/23/EC and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Max. design temperature °C	+550
Design pressure (S3/S4, S1/S2) at 175°C	27 / 22

AlfaNova 27 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22, V24)							
AlfaNova 27-10H	S	3288001188	876	80 X 111 X 310	3.2	3236000881	144
AlfaNova 27-18H	S	3288000763	1105	100 X 111 X 310	4.3	3236000881	144
AlfaNova 27-24H	S	3288000901	1279	114 X 111 X 310	5.0	3236000882	147
AlfaNova 27-34H	S	3288000764	1572	138 X 111 X 310	6.3	3236000882	147
AlfaNova 27-50H	S	3288000970	2034	177 X 111 X 310	8.8	3236000883	149
AlfaNova 27-70H	S	3288000999	2617	225 X 111 X 310	11.4	3236000884	152
AlfaNova 27-100H	S	3287050287	3628	298 X 111 X 310	15.4	3236000886	159
Two pass - Six connections pre/post heater design							
AlfaNova 27-50H	S	3288001270	2336	217 X 111 X 310	9.1	3236000883	149
AlfaNova 27-70H	S	3288001271	2945	265 X 111 X 310	11.7	3236000884	152
AlfaNova 27-100H	N	3288001272	3860	338 X 111 X 310	15.8	3236000886	159

S = Stock unit, N = Non stocked unit.

AlfaNova 27 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22, V24)							
AlfaNova 27 AQ-10H	N	3287168196	876	80 X 111 X 310	3.2	3236000881	144
AlfaNova 27 AQ-18H	N	3287168197	1105	100 X 111 X 310	4.3	3236000881	144
AlfaNova 27 AQ-24H	N	3287168198	1279	114 X 111 X 310	5.0	3236000882	147
AlfaNova 27 AQ-34H	N	3287168199	1572	138 X 111 X 310	6.3	3236000882	147
AlfaNova 27 AQ-50H	N	3287168200	2034	177 X 111 X 310	8.8	3236000883	149
AlfaNova 27 AQ-70H	N	3287168201	2617	225 X 111 X 310	11.4	3236000884	152
AlfaNova 27 AQ-100H	N	3287168202	3628	298 X 111 X 310	15.4	3236000886	159

S = Stock unit, N = Non stocked unit.



AlfaNova 27 Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	27.3	0.3	Fits V22
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	29.6	0.3	
DN25 1¼"; Pipe: CS; Nut: CS. Gasket included (include 2 pcs)	S	3456631901	37.5	0.4	Fits V24
DN32 1¼"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632601	63.7	0.4	Fits V24
Soldering type					
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	39.8	0.2	Fits V22
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	84.1	0.6	
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456632101	50	0.4	Fits V24
Gaskets					
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	3		Fits B21, V22
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.6		Fits V24
Adjustable foot					
Max 60 plates	S	3456089801	210	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Max 100 plates	S	3456089802	227	4.3	
Floor support kit					
Max 46-100plates. Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853201	42.1	0.6	
Max 52-150 plates. Includes 4 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853202	84.1	1.3	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 18 plates	S	3236000881	144	0.7	112 X 182 X 360
Max 38 plates	S	3236000882	147	0.8	160 X 182 X 360
Max 58 plates	S	3236000883	149	0.9	209 X 182 X 360
Max 76 plates	S	3236000884	152	1.0	257 X 182 X 360
Max 96 plates	S	3236000885	156	1.2	304 X 182 X 360
Max 114 plates	S	3236000886	159	1.3	352 X 182 X 360
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Max 24 plates	S	3456104601	36.4	0.2	113 X 156 X 354
Max 48 plates	S	3456104602	38.7	0.2	173 X 156 X 354
Max 98 plates	S	3456104603	42.1	0.3	293 X 156 X 354

S = Stock unit



AlfaNova 52

The brazed plate heat exchangers are secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed with AlfaFusion™ technology using stainless steel material.

The units are manufactured according to European Directive 97/23/EC and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Max. design temperature °C	+550
Design pressure (S3/S4, S1/S2) at 175°C	27 / 22

AlfaNova 52 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22, V24)							
AlfaNova 52-10H	S	3288001442	1246	81 X 111 X 526	4.9	3236000892	162
AlfaNova 52-20H	S	3288001139	1680	106 X 111 X 526	7.1	3236000892	162
AlfaNova 52-30H	S	3288001047	2109	130 X 111 X 526	9.3	3236000892	162
AlfaNova 52-40H	S	3288001265	2541	155 X 111 X 526	11.4	3236000893	165
AlfaNova 52-50H	S	3287050288	2971	180 X 111 X 526	14.0	3236000893	165
AlfaNova 52-60H	S	3288001266	3401	205 X 111 X 526	16.1	3236000894	169
AlfaNova 52-80H	S	3287050289	4264	254 X 111 X 526	20.4	3236000895	172
AlfaNova 52-100H	S	3287050290	5125	304 X 111 X 526	25.0	3236000896	176
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22, V24)							
AlfaNova 52-10L	N	3287083150	1353	81 X 111 X 526	4.9	3236000892	162
AlfaNova 52-20L	N	3287052085	1801	106 X 111 X 526	7.1	3236000892	162
AlfaNova 52-30L	N	3287052779	2242	130 X 111 X 526	9.3	3236000892	162
AlfaNova 52-40L	N	3287053077	2692	155 X 111 X 526	11.4	3236000893	165
AlfaNova 52-50L	N	3287053265	3139	180 X 111 X 526	14.0	3236000893	165
AlfaNova 52-60L	N	3287064655	3591	205 X 111 X 526	16.1	3236000894	169
AlfaNova 52-80L	N	3287051555	4490	254 X 111 X 526	20.4	3236000895	172
AlfaNova 52-100L	N	3287052110	5388	304 X 111 X 526	25.0	3236000896	176
Two pass - Six connections pre/post heater design S1/S2/T1: externally threaded ISO 228/1-G 1 1/4" (V22), S3/S4/T4: externally threaded ISO 228/1-G 1" (V24)							
AlfaNova 52-40L	N	3287057187	2950	194 X 111 X 526	12.2	3236000893	165
AlfaNova 52-60L	S	3287051200	3837	244 X 111 X 526	16.5	3236000894	169
AlfaNova 52-80L	S	3287051201	4748	293 X 111 X 526	21.1	3236000895	172
AlfaNova 52-100L	N	3287051202	5634	343 X 111 X 526	25.4	3236000896	176

S = Stock unit, N = Non stocked unit.

AlfaNova 52 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22, V24)							
AlfaNova 52 AQ-10H	N	3287173803	1246	81 X 111 X 526	4.9	3236000892	162
AlfaNova 52 AQ-20H	N	3287173341	1680	106 X 111 X 526	7.1	3236000892	162
AlfaNova 52 AQ-30H	N	3287173806	2109	130 X 111 X 526	9.3	3236000892	162
AlfaNova 52 AQ-40H	N	3287173808	2541	155 X 111 X 526	11.4	3236000893	165
AlfaNova 52 AQ-50H	N	3287173809	2971	180 X 111 X 526	14.0	3236000893	165
AlfaNova 52 AQ-60H	N	3287173812	3401	205 X 111 X 526	16.1	3236000894	169
AlfaNova 52 AQ-80H	N	3287173813	4264	254 X 111 X 526	20.4	3236000895	172
AlfaNova 52 AQ-100H	N	3287173815	5125	304 X 111 X 526	25.0	3236000896	176
Connections: S1/S2: ISO G 1 1/4" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22, V24)							
AlfaNova 52 AQ-10L	N	3287173802	1353	81 X 111 X 526	4.9	3236000892	162
AlfaNova 52 AQ-20L	N	3287173804	1801	106 X 111 X 526	7.1	3236000892	162
AlfaNova 52 AQ-30L	N	3287173805	2242	130 X 111 X 526	9.3	3236000892	162
AlfaNova 52 AQ-40L	N	3287173807	2692	155 X 111 X 526	11.4	3236000893	165
AlfaNova 52 AQ-50L	N	3287173810	3139	180 X 111 X 526	14.0	3236000893	165
AlfaNova 52 AQ-60L	N	3287173811	3591	205 X 111 X 526	16.1	3236000894	169
AlfaNova 52 AQ-80L	N	3287173814	4490	254 X 111 X 526	20.4	3236000895	172
AlfaNova 52 AQ-100L	N	3287173816	5388	304 X 111 X 526	25.0	3236000896	176

S = Stock unit, N = Non stocked unit.



AlfaNova 52 EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	27.3	0.3	Fits V22
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	29.6	0.3	
DN25 1¼"; Pipe: CS; Nut: CS. Gasket included (include 2 pcs)	S	3456631901	37.5	0.4	Fits V24
DN32 1¼"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632601	63.7	0.4	Fits V24
Soldering type					
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	39.8	0.2	Fits V22
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	84.1	0.6	
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456632101	50	0.4	Fits V24
Gaskets					
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	3		Fits B21, V22
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.6		Fits V24
Adjustable foot					
Max 60 plates	S	3456089801	210	4.3	Fits all connections.
Max 100 plates	S	3456089802	227	4.3	Height adjustable from 400 mm to 600 mm.
Floor support kit					
Max 46-100plates. Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853201	42.1	0.6	
Max 150 plates. Includes 4 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853202	84.1	1.3	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 38plates	S	3236000892	162	1.0	160 X 182 X 588
Max 58plates	S	3236000893	165	1.3	210 X 182 X 588
Max 76plates	S	3236000894	169	1.5	257 X 182 X 588
Max 96plates	S	3236000895	172	1.7	304 X 182 X 588
Max 114 plates	S	3236000896	176	2.0	352 X 182 X 588
Max 144 plates	S	3236000897	182	2.3	424 X 182 X 588
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Max 28plates	S	3456104701	45.5	0.3	125 X 256 X 570
Max 56plates	S	3456104702	64.8	0.5	197 X 156 X 570

S = Stock unit



AlfaNova 76

The brazed plate heat exchangers are secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed with AlfaFusion™ technology using stainless steel material.

The units are manufactured according to European Directive 97/23/EC and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Max. design temperature °C	+550
Design pressure (S3/S4, S1/S2) at 175°C	27 / 27

AlfaNova 76 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 2" externally threaded, length 48 mm. Stud bolts for feet included							
H-channels (B23, B23)							
AlfaNova 76-20H	S	3287050291	2998	131 X 191 X 618	24.1	3236000901	185
AlfaNova 76-30H	S	3287050292	3721	160 X 191 X 618	28.9	3236000901	185
AlfaNova 76-40H	S	3288000893	4449	188 X 191 X 618	33.8	3236000902	195
AlfaNova 76-50H	S	3287050293	5174	217 X 191 X 618	38.6	3236000902	195
AlfaNova 76-60H	N	3288001138	5897	245 X 191 X 618	43.5	3236000902	195
AlfaNova 76-70H	S	3287050294	6620	274 X 191 X 618	51.3	3236000903	204
AlfaNova 76-80H	S	3287050295	7344	302 X 191 X 618	56.2	3236000903	204
AlfaNova 76-90H	N	3287050296	8068	331 X 191 X 618	61.0	3236000903	204
AlfaNova 76-100H	N	3288001052	8792	359 X 191 X 618	65.9	3236000904	212
AlfaNova 76-110H	N	3287050297	9517	388 X 191 X 618	70.7	3236000904	212
AlfaNova 76-120H	N	3287050298	10240	416 X 191 X 618	75.6	3236000904	212
AlfaNova 76-130H	N	3287050299	10965	445 X 191 X 618	80.4	3236000905	221
AlfaNova 76-140H	N	3287050300	11693	473 X 191 X 618	85.3	3236000905	221
AlfaNova 76-150H	N	3287050301	12414	502 X 191 X 618	90.1	3236000905	221
L-channels (B23, B23)							
AlfaNova 76L-20L	N	3287059285	2998	133 X 191 X 618	22.9	3236000901	185
AlfaNova 76L-30L	N	3287059286	4241	162 X 191 X 618	27.1	3236000901	185
AlfaNova 76L-40L	N	3287059287	4993	190 X 191 X 618	31.3	3236000902	195
AlfaNova 76L-50L	N	3287059288	5747	219 X 191 X 618	35.6	3236000902	195
AlfaNova 76L-60L	N	3287059289	6503	247 X 191 X 618	39.8	3236000902	195
AlfaNova 76L-70L	N	3287059290	7258	276 X 191 X 618	47.0	3236000903	204
AlfaNova 76L-80L	N	3287059291	8013	304 X 191 X 618	51.2	3236000903	204
AlfaNova 76L-90L	N	3287059292	8766	333 X 191 X 618	55.5	3236000903	204
AlfaNova 76L-100L	N	3287059293	9522	361 X 191 X 618	59.7	3236000904	212
AlfaNova 76L-110L	N	3287059294	10277	390 X 191 X 618	63.9	3236000904	212
AlfaNova 76L-120L	N	3287059297	11032	418 X 191 X 618	68.1	3236000904	212
AlfaNova 76L-130L	N	3287059303	11787	447 X 191 X 618	72.4	3236000905	221
AlfaNova 76L-140L	N	3287059304	12542	475 X 191 X 618	76.6	3236000905	221
AlfaNova 76L-150L	N	3287059305	13297	504 X 191 X 618	80.8	3236000905	221
Two pass - Six connections pre/post heater design, S1/S2/S3/S4/T1/T4 externally threaded ISO 228/1-G 2" (B23)							
AlfaNova 76-40H	N	3288001182	4993	216 X 191 X 618	34.4	3236000902	195
AlfaNova 76-60H	N	3288001268	6515	273 X 191 X 618	47.1	3236000902	195
AlfaNova 76-100H	N	3287051340	9608	387 X 191 X 618	66.5	3236000904	212

S = Stock unit, N = Non stocked unit.



Fusion-bonded plate heat exchangers

AlfaNova 76 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G 2" externally threaded, length 48 mm. Stud bolts for feet included							
H-channels (B23, B23)							
AlfaNova 76 AQ-20H	N	3287168213	2998	131 X 191 X 618	24.1	3236000901	185
AlfaNova 76 AQ-30H	N	3287168214	3721	160 X 191 X 618	28.9	3236000901	185
AlfaNova 76 AQ-40H	N	3287168215	4449	188 X 191 X 618	33.8	3236000902	195
AlfaNova 76 AQ-50H	N	3287168216	5174	217 X 191 X 618	38.6	3236000902	195
AlfaNova 76 AQ-60H	N	3287173817	5897	245 X 191 X 618	43.5	3236000902	195
AlfaNova 76 AQ-70H	N	3287168217	6620	274 X 191 X 618	51.3	3236000903	204
AlfaNova 76 AQ-80H	N	3287168218	7344	302 X 191 X 618	56.2	3236000903	204
AlfaNova 76 AQ-90H	N	3287173818	8068	331 X 191 X 618	61.0	3236000903	204
AlfaNova 76 AQ-100H	N	3287173819	8792	359 X 191 X 618	65.9	3236000904	212
AlfaNova 76 AQ-110H	N	3287173820	9517	388 X 191 X 618	70.7	3236000904	212
AlfaNova 76 AQ-120H	N	3287173821	10240	416 X 191 X 618	75.6	3236000904	212
AlfaNova 76 AQ-130H	N	3287173822	10965	445 X 191 X 618	80.4	3236000905	221
AlfaNova 76 AQ-140H	N	3287173823	11693	473 X 191 X 618	85.3	3236000905	221
AlfaNova 76 AQ-150H	N	3287173824	12414	502 X 191 X 618	90.1	3236000905	221
L-channels (B23, B23)							
AlfaNova 76L AQ-20L	N	3287173860	2998	133 X 191 X 618	22.9	3236000901	185
AlfaNova 76L AQ-30L	N	3287173859	4241	162 X 191 X 618	27.1	3236000901	185
AlfaNova 76L AQ-50L	N	3287173857	5747	219 X 191 X 618	35.6	3236000902	195

S = Stock unit, N = Non stocked unit.

AlfaNova 76Extras		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
Welding type					
DN50 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456631601	72.8	1.1	Fits B23
DN50 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456639501	150	1.3	Fits O4
DN65 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456634801	218	1.3	Fits O4
DN40 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456632501	81.9	1.1	Fits B23
2" flange, DN40, Pipe: CS; Nut: CS (include 2 pcs)	S	3456788401	202	3.0	Fits B23
Soldering type					
42 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634401	137	0.8	Fits B23
54 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456631801	148	0.9	Fits B23
Gasket for 2" fitting (include 2 pcs)	S	3456639901	5.4		Fits B23
Gasket for 2½" fitting (include 2 pcs)	S	3456640001	5.4		Fits O4
External thread					
2", Pipe: Brass, Nut: Brass (include 2 pcs)	S	3456643901	118	0.5	Fits B23
Adjustable foot					
Max 60 plates	S	3456090801	250	4.5	Fits all connections. Height adjustable from 400 mm to 600 mm.
Max 90 plates	S	3456090804	250	4.5	
Floor support kit					
Max 46-100plates. Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853201	42.1	0.6	
Max 101-150 plates. Includes 4 feet. The feet are assembled together in a U-shape. Mounted on the plate package.	S	3456853301	60.2	1.6	
Rigid foot					
Rigid foot	S	3456544501	216	3.8	Includes two feet. Note that the BHE must be ordered with stud bolts.(All stocked CB110 are equipped with stud bolts)
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Max 30 plates	S	3236000901	185	1.3	160 X 240 X 670
Max 60 plates	S	3236000902	195	1.7	247 X 240 X 670
Max 90 plates	S	3236000903	204	2.1	334 X 240 X 670
Max 120 plates	S	3236000904	212	2.6	421 X 240 X 670
Max 150 plates	S	3236000905	221	2.9	510 X 240 X 670

S = Stock unit



AlfaNova 400

The brazed plate heat exchangers are secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material 1.4401, and brazed with AlfaFusion™ technology using stainless steel material.

The units are manufactured according to European Directive 97/23/EC and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Insulations, couplings and fastening device.

	PED
Max. design temperature °C	+550
Design pressure (S3/S4, S1/S2) at 175°C	17 / 17

AlfaNova 400 Standard units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: Primary side (S3/S4): Compact flanges, DN100, PN35*. Secondary side (S1/S2): Compact flanges, DN100, PN35*.							
High theta units (CPF, CPF)							
AlfaNova 400-40H	N	3287089405	14151	380 X 390 X 990	104.7	3456135101	836
AlfaNova 400-80H	N	3287089406	21362	486 X 390 X 990	160.5	3456135102	898
AlfaNova 400-120H	N	3287089407	28572	592 X 390 X 990	216.3	3456135103	955
AlfaNova 400-160H	N	3287086821	35782	698 X 390 X 990	272.1	3456135104	1035
AlfaNova 400-200H	N	3287089408	42993	804 X 390 X 990	327.9	3456135105	1061
AlfaNova 400-240H	N	3287089409	50203	910 X 390 X 990	388.7	3456135106	1126
AlfaNova 400-270H	N	3287089410	55612	990 X 390 X 990	430.5	3456135107	1189
Low theta units (CPF, CPF)							
AlfaNova 400-40L	N	3287089413	14151	380 X 390 X 990	104.7	3456135101	836
AlfaNova 400-80L	N	3287080810	21362	486 X 390 X 990	160.5	3456135102	898
AlfaNova 400-120L	N	3287089414	28572	592 X 390 X 990	216.3	3456135103	955
AlfaNova 400-160L	N	3287089415	35782	698 X 390 X 990	272.1	3456135104	1035
AlfaNova 400-200L	N	3287089416	42993	804 X 390 X 990	327.9	3456135105	1061
AlfaNova 400-240L	N	3287089417	50203	910 X 390 X 990	388.7	3456135106	1126
AlfaNova 400-270L	N	3287089418	55612	990 X 390 X 990	430.5	3456135107	1189

S = Stock unit, N = Non stocked unit.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

AlfaNova 400 AHRI certified units						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: Primary side (S3/S4): Compact flanges, DN100, PN35*. Secondary side (S1/S2): Compact flanges, DN100, PN35*.							
High theta units (CPF, CPF)							
AlfaNova 400 AQ-120H	N	3287173864	28572	592 X 390 X 990	216.3	3456135103	955
AlfaNova 400 AQ-160H	N	3287173866	35782	698 X 390 X 990	272.1	3456135104	1035
AlfaNova 400 AQ-240H	N	3287173870	50203	910 X 390 X 990	388.7	3456135106	1126
AlfaNova 400 AQ-270H	N	3287173872	55612	990 X 390 X 990	430.5	3456135107	1189
Low theta units (CPF, CPF)							
AlfaNova 400 AQ-80L	N	3287168219	21362	486 X 390 X 990	160.5	3456135102	898
AlfaNova 400 AQ-120L	N	3287168220	28572	592 X 390 X 990	216.3	3456135103	955
AlfaNova 400 AQ-160L	N	3287173867	35782	698 X 390 X 990	272.1	3456135104	1035
AlfaNova 400 AQ-240L	N	3287173871	50203	910 X 390 X 990	388.7	3456135106	1126
AlfaNova 400 AQ-270L	N	3287173873	55612	990 X 390 X 990	430.5	3456135107	1189

S = Stock unit, N = Non stocked unit.

* Units equipped with compact flanges, the counter flanges have to be ordered separately. See extras.

AlfaNova 400 Extras		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN100 flange: SS; Nut: SS (gasket included)	S	3456325105	193	2.5
DN100 flange: SS; Nut: CS (gasket included)	S	3456325106	159	2.5
Gasket for DN100 flange	S	3456287004	18.8	
Inspection cover				
CPF100SS	S	3456392601	227	2.8

S = Stock unit

Gas-to-Liquid plate heat exchanger

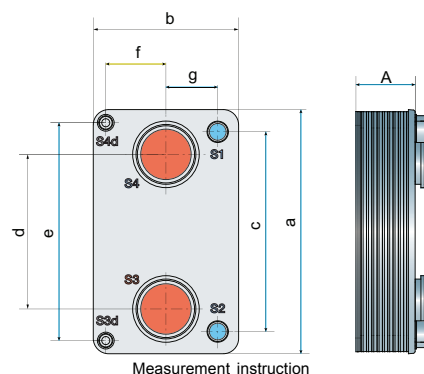
Technical specifications Gas-to-Liquid plate heat exchanger range

Many of Alfa Laval's gas-to-liquid (GTL) plate heat exchangers are available with short delivery times from factory, which are shown in pricelist. If more customized specification is required we offer a configure to order service. The table below gives an overview of the complete GTL heat exchanger range.

Product Guide

Visit the Alfa Laval Product Guide, a tool available online where you can easily select a GTL plate heat exchanger suitable for your application.

Visit: <http://productguide.alfalaval.com>



	GL50 / GLN50	GLH50 / GLNH50	GL80	GLH80
Channel type	AM	AM	AM	AM
Max./min. design temperature (°C) ¹⁾	+190°C / -160°C	+190°C / -160°C	+190°C / -160°C	+190°C / -160°C
Max. design pressure (S3-S4/S1-S2) bar (a) *	Side A, Copper: 0/16/12 bar(a) Side A, Nickel: 0/9.2/7 bar(a) Side B: 0.5-1.5 bar(a)	Side A: Copper 0/16/12 bar(a) Side A: Nickel 0/9.2/7 bar(a) Side B: Copper 0/13/9.5 bar(a) Side B: Nickel 0/7.2/5.5 bar(a)	Side A: 0/26/20 bar(a) Side B: 0.5-1.5 bar(a)	Side A: 0/26/20 bar(a) Side B: 0/18/13.6 bar(a)
Volume/channel (S3-S4/S1-S2) (litres)	0.154 / 0.094	0.154 / 0.094	0.366 / 0.201	0.366 / 0.201
Height, mm (a)	278 ±2	278 ±2	363/357 +3/-0	363/357 +3/-0
Width, mm (b)	123 ±2	123 ±2	216/210 +2/-0	216/210 +2/-0
Vertical connection distance coolant, mm (c)	235	235	297	297
Vertical connection distance gas, mm (d)	177	177	230	230
Vertical connection distance condensate, mm (e)	247	247	324	324
Horizontal connection distance condensate to gas, mm (f)	51	51	77	77
Horizontal connection distance gas to coolant, mm (g)	38	38	89.5	89.5
Plate pack length, mm (A)	(n x 3.95) + 11.9	(n x 3.95) + 11.9	(n x 3.95) + 13.9	(n x 3.95) + 13.9
Weight empty, kg	(n x 0.11) + 0.95	(n x 0.11) + 0.95	(n x 0.23) + 3.58	(n x 0.23) + 3.58
Plate material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Brazing material	Copper (Cu) or Nickel (Ni)	Copper (Cu) or Nickel (Ni)	Copper (Cu)	Copper (Cu)
Max. number of plates	80	80	80	80
	GL100 / GLH100	GL150 / GLH150	GLX30 / GLXN30	
Channel type	AM	AM	AM	
Max./min. design temperature (°C) ¹⁾	+190°C / -160°C	+190°C / -160°C	+190°C / -160°C	
Max. design pressure (S3-S4/S1-S2) bar (a) *	Side A: 0/17(15.8) bar(a) Side B: 0/17(13) bar(a)	Side (A): 0/21/15.8 bar(a) Side (B): 0.5-1.5 bar(a)	Side A, Copper: 0/17/13 bar(a) Side A, Nickel: 0/9/7 bar(a)	
Volume/channel (S3-S4/S1-S2) (litres)	0.97 / 0.624	1.052 / 0.526	0.117 / 0.067	
Height, mm (a)	710 ±5	710 ±5	277 ± (S *0.065)	
Width, mm (b)	300 ±5	300 ±5	122	
Vertical connection distance coolant, mm (c)	600	600	227	
Vertical connection distance gas, mm (d)	488	453	-	
Vertical connection distance condensate, mm (e)	640	640	-	
Horizontal connection distance condensate to gas, mm (f)	87	87	-	
Horizontal connection distance gas to coolant, mm (g)	125.5	125.5	-	
Plate pack length, mm (A)	(n x 4.1) + 16.2	(n x 4.1) + 16.2	(n x 3.27) + 2	
Weight empty, kg	(n x 0.71) + 12.723	(n x 0.65) + 11.996	(n x 0.10) + 1.506	
Plate material	Stainless steel	Stainless steel	Stainless steel	
Connection material	Stainless steel	Stainless steel	Stainless steel	
Brazing material	Copper (Cu) or Nickel (Ni)	Copper (Cu) or Nickel (Ni)	Copper (Cu)	
Max. number of plates	140	140	139	

According to PED

n = number of plates

¹⁾ Refers to maximum plate temperature



GL50 / GLH50

The brazed Gas-to-Liquid plate heat exchangers (GTL) are quality secured according to DIN ISO9001 certificate.

All including components are made in acid proof stainless steel material, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 2014/68/EU, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Couplings and fastening devices.

GL50					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread ¾". S3/S4 Welding 60.3.					
GL50-10AM-F	N	3075024753	572	73 X 123 X 278	2.4
GL50-20AM-F	N	3075024754	732	113 X 123 X 278	3.4
GL50-30AM-F	N	3075024755	893	152 X 123 X 278	4.5
GL50-40AM-F	N	3075024756	1054	192 X 123 X 278	5.6
GL50-60AM-F	N	3075024757	1375	271 X 123 X 278	7.7
GL50-80AM-F	N	3075024758	1696	350 X 123 X 278	9.8

S = Stock unit, N = Non stocked unit.

GLH50					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread ¾". S3/S4 Welding 60.3.					
GLH50-10AM-F	N	3075025772	530	73 X 123 X 278	2.4
GLH50-20AM-F	N	3075025773	703	113 X 123 X 278	3.4
GLH50-30AM-F	N	3075025774	877	152 X 123 X 278	4.5
GLH50-40AM-F	N	3075025775	1050	192 X 123 X 278	5.6
GLH50-60AM-F	N	3075025776	1396	271 X 123 X 278	7.7
GLH50-80AM-F	N	3075025777	1742	350 X 123 X 278	9.8

S = Stock unit, N = Non stocked unit.



GLN50 / GLNH50

The brazed Gas-to-Liquid plate heat exchangers (GTL) are quality secured according to DIN ISO9001 certificate.

All including components are made in acid proof stainless steel material, and brazed in vacuum furnace using Nickel filler material.

The units are manufactured according to European Directive 2014/68/EU, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Couplings and fastening devices.

GLN50					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread ¾". S3/S4 Welding 60.3.					
GLN50-10AM-F	N	3075025209	842	73 X 123 X 278	2.4
GLN50-20AM-F	N	3075025210	1212	113 X 123 X 278	3.4
GLN50-30AM-F	N	3075025211	1583	152 X 123 X 278	4.5
GLN50-40AM-F	N	3075025212	1954	192 X 123 X 278	5.6
GLN50-60AM-F	N	3075025213	2696	271 X 123 X 278	7.7
GLN50-80AM-F	N	3075025214	3437	350 X 123 X 278	9.8

S = Stock unit, N = Non stocked unit.

GLNH50					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread ¾". S3/S4 Welding 60.3.					
GLNH50-10AM-F	N	3075028205	755	73 X 123 X 278	2.4
GLNH50-20AM-F	N	3075028238	1163	113 X 123 X 278	3.4
GLNH50-30AM-F	N	3075028239	1571	152 X 123 X 278	4.5
GLNH50-40AM-F	N	3075028240	1979	192 X 123 X 278	5.6
GLNH50-60AM-F	N	3075028241	2794	271 X 123 X 278	7.7
GLNH50-80AM-F	N	3075028242	3610	350 X 123 X 278	9.8

S = Stock unit, N = Non stocked unit.



GL80 / GLH80

The brazed Gas-to-Liquid plate heat exchangers (GTL) are quality secured according to DIN ISO9001 certificate.

All including components are made in acid proof stainless steel material, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 2014/68/EU, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Couplings and fastening devices.

GL80					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread 1". S3/S4 Welding 88.9.					
GL80-10AM-F	N	3075024186	782	75 X 216 X 363	6.5
GL80-20AM-F	N	3075024011	964	115 X 216 X 363	8.9
GL80-30AM-F	N	3075024187	1147	154 X 216 X 363	11.2
GL80-40AM-F	N	3075024188	1330	194 X 216 X 363	13.5
GL80-60AM-F	N	3075024189	1695	273 X 216 X 363	18.1
GL80-80AM-F	N	3075024190	2061	352 X 216 X 363	22.8

S = Stock unit, N = Non stocked unit.

GLH80					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread 1". S3/S4 Welding 88.9.					
GLH80-10AM-F	N	3075024468	832	75 X 216 X 363	8.3
GLH80-20AM-F	N	3075024469	1025	115 X 216 X 363	10.7
GLH80-30AM-F	N	3075024470	1218	154 X 216 X 363	13.0
GLH80-40AM-F	N	3075024471	1411	194 X 216 X 363	15.3
GLH80-60AM-F	N	3075024472	1797	273 X 216 X 363	19.9
GLH80-80AM-F	N	3075024473	2184	352 X 216 X 363	24.6

S = Stock unit, N = Non stocked unit.



GLH100

The brazed Gas-to-Liquid plate heat exchangers (GTL) are quality secured according to DIN ISO9001 certificate.

All including components are made in acid proof stainless steel material, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 2014/68/EU, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Couplings and fastening devices.

GLH100					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread 1". S3/S4 Welding 88.9.					
GLH100-20AM-F	N	3075025289	2428	128 X 300 X 710	29.8
GLH100-40AM-F	N	3075025290	2953	210 X 300 X 710	43.9
GLH100-70AM-F	N	3075025291	3741	333 X 300 X 710	65.1
GLH100-100AM-F	N	3075025293	4529	456 X 300 X 710	86.3
GLH100-140AM-F	N	3075025294	5580	620 X 300 X 710	114.5

S = Stock unit, N = Non stocked unit.



GL150 / GLH150

The brazed Gas-to-Liquid plate heat exchangers (GTL) are quality secured according to DIN ISO9001 certificate.

All including components are made in acid proof stainless steel material, and brazed in vacuum furnace using 100% copper filler material.

The units are manufactured according to European Directive 2014/68/EU, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Couplings and fastening devices.

GL150					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread 1". S3/S4 Welding 88.9.					
GL150-20AM-F	N	3075024982	2211	128 X 300 X 710	29.0
GL150-40AM-F	N	3075024983	2685	210 X 300 X 710	41.9
GL150-70AM-F	N	3075024984	3396	333 X 300 X 710	61.3
GL150-100AM-F	N	3075024985	4107	456 X 300 X 710	80.6
GL150-140AM-F	N	3075024986	5054	620 X 300 X 710	106.5

S = Stock unit, N = Non stocked unit.

GLH150					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2 External thread 2½". S3/S4 Welding 168.3.					
GLH150-20AM-F	N	3075025687	2345	128 X 300 X 710	29.0
GLH150-40AM-F	N	3075025688	2850	210 X 300 X 710	41.9
GLH150-70AM-F	N	3075025689	3607	333 X 300 X 710	61.3
GLH150-100AM-F	N	3075025692	4364	456 X 300 X 710	80.6
GLH150-140AM-F	N	3075025694	5374	620 X 300 X 710	106.5

S = Stock unit, N = Non stocked unit.



GLX30 / GLXN30

The brazed Gas-to-Liquid plate heat exchangers (GTL) are quality secured according to DIN ISO9001 certificate.

All including components are made in acid proof stainless steel material, and brazed in vacuum furnace using 100% copper or Nickel filler material.

The units are manufactured according to European Directive 2014/68/EU, and therefore pressure tested with air and leakage tested with helium.

Auxiliaries: Couplings and fastening devices.

GLX30					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S3 Hose 0. S2/S4 External thread 1" (1¼")					
GLX30-15AM-F	N	3075027984	425	73 X 122 X 277	3.3
GLX30-25AM-F	N	3075024150	500	106 X 122 X 277	4.3
GLX30-39AM-F	N	3075027985	604	152 X 122 X 277	5.7
GLX30-79AM-F	N	3075024152	865	304 X 122 X 277	10.1
GLX30-139AM-F	N	3075024169	1310	501 X 122 X 277	16.3

S = Stock unit, N = Non stocked unit.

GLXN30					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S3 Hose 0. S2/S4 External thread 1" (1¼")					
GLXN30-19AM-F	N	3075025188	691	86 X 122 X 277	3.7
GLXN30-39AM-F	N	3075025190	1103	152 X 122 X 277	5.7
GLXN30-59AM-F	N	3075025202	1515	217 X 122 X 277	7.8
GLXN30-79AM-F	N	3075025205	1962	304 X 122 X 277	10.1
GLXN30-99AM-F	N	3075025206	2374	370 X 122 X 277	12.2
GLXN30-139AM-F	N	3075025207	3198	501 X 122 X 277	16.3

S = Stock unit, N = Non stocked unit.

Alfa Laval in brief

Alfa Laval is a leading global provider of specialized products and engineered solutions.

Our equipment, systems and services are dedicated to helping customers to optimize the performance of their processes. Time and time again.

We help our customers to heat, cool, separate and transport products such as oil, water, chemicals, beverages, foodstuffs, starch and pharmaceuticals.

Our worldwide organization works closely with customers in almost 100 countries to help them stay ahead.

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

