



Pricelist Fluids and Utility Equipment – 2016

Pricelist, Listino prezzi, Preisliste, Prislita, Lista de precios, Liste de prix, Hinnasto, Cennik, Prislite, Ceník, Lista de preços



General Industry and Oil Cooling Equipment 2016

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Dear customer,

This price list is valid from 01.01.2016 all previous price lists will lose 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 for general industry

Brazed plate heat exchangers 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. If you have no accesses to the configuration tool please contact your local Alfa Laval sales representative.



CB16 / CBH16



CB18 / CBH18



CB20



CB30 / CBH30



CB60 / CBH60



CB110 / CBH110



CB112 / CBH112



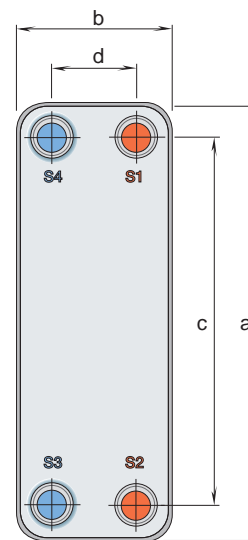
CB200 / CBH200



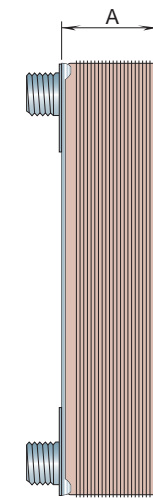
CB300 / CBH300



CB400



Measurement instruction





Technical specifications

Brazed plate heat exchanger data and dimensions

	CB16 / CBH16	CB18 / CBH18	CB20	CB30 / CBH30	CB60 / CBH60
Channel type	H, A	H, A	H	H, M, L	H, M, L
Max./min. design temperature (°C)	225/-160	150/-50	225/-196	225/-196	225/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	32/32	32/32	16/16	36/36	36/36
Volume/channel (S3-S4/S1-S2) (litres)	0.027 (H) ⁴⁾	0.038 (H) ⁵⁾	0.028	0.054	0.103 (H) ⁶⁾
Max. flowrate (S3-S4/S1-S2) (m ³ /h) **	3.6	3.6	8.9	14.5	14.5
Height, mm (a)	211	316	324	313	527
Width, mm (b)	74	74	94	113	113
Vertical connection distance, mm (c)	172	278	270	250	466
Horizontal connection distance, mm (d)	40	40	46	50	50
Plate pack length, mm (A)	(n x 2.16) + 8	(n x 2.16) + 8	(n x 1.5) + 8	(n x 2.31) + 13	(n x 2.35) + 13
Weight empty, kg ***	(n x 0.04) + 0.27	(n x 0.07) + 0.4	(n x 0.08) + 0.6	(n x 0.1) + 1.2	(n x 0.18) + 2.1
Plate material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Brazing material	Copper	Copper	Copper	Copper	Copper
Max. number of plates	60	60	110	150	150

	CB110 / CBH110	CB112 / CBH112	CB200 / CBH200	CB300 / CBH300	CB400
Channel type	H, M, L	H, M, L, AM, AH	H, M, L	H, M, L	H, L
Max./min. design temperature (°C)	225/-196	225/-196	225/-196	225/-196	225/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	26/26	32/32	26/26	27/16	32/27
Volume/channel (S3-S4/S1-S2) (litres)	0.021	0.18 ⁷⁾	0.51	0.058/0.69	0.74
Max. flowrate (S3-S4/S1-S2) (m ³ /h) **	51	34/63	128	200	200
Height, mm (a)	491	618	740	990	990
Width, mm (b)	250	191	323	365	390
Vertical connection distance, mm (c)	378	519	622	816/861	825
Horizontal connection distance, mm (d)	138	92	205	213.5	225
Plate pack length, mm (A)	(n x 2.2) + 12	(n x 2.05) ¹⁵⁾	(n x 2.7) + 11 / (n x 2.7) + 14	(n x 2.62) + 11	(n x 2.56) + 14
Weight empty, kg ***	(n x 0.38) + 13	(n x 0.35) + 4.8	(n x 0.6) + 12 / (n x 0.6) + 14	(n x 1.26) + 21	(n x 1.35) + 24
Plate material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Brazing material	Copper	Copper	Copper	Copper	Copper
Max. number of plates	300	300	230	250	270

* 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

Stocked units



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 helium.

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

HEAT EXCHANGER						Insulation type	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G ¾" externally threaded, length 20 mm							
H-channels (Z31, Z31)							
CBH16-9H	S	3287087068	198	45 X 74 X 210	0.9	3456119701	35
CBH16-13H	S	3287087069	237	54 X 74 X 210	1.1	3456119701	35
CBH16-17H	S	3287087071	273	62 X 74 X 210	1.2	3456119701	35
CBH16-25H	S	3287087072	349	80 X 74 X 210	1.6	3456119702	37.1
CBH16-35H	S	3287087073	444	101 X 74 X 210	2.0	3456119702	37.1
CBH16-41H	S	3287087074	501	114 X 74 X 210	2.2	3456119702	37.1
A-channels (Z31, Z31)							
CBH16-9A	S	3287087082	198	45 X 74 X 210	0.9	3456119701	35
CBH16-13A	S	3287087081	237	54 X 74 X 210	1.1	3456119701	35
CBH16-17A	S	3287087080	273	62 X 74 X 210	1.2	3456119701	35
CBH16-25A	S	3287087077	349	80 X 74 X 210	1.6	3456119702	37.1
CBH16-35A	S	3287087076	444	101 X 74 X 210	2.0	3456119702	37.1
CBH16-41A	S	3287087075	501	114 X 74 X 210	2.2	3456119702	37.1
Economy pack							
Connections: ISO G ¾" externally threaded, length 20 mm (Z31, Z31)							
CBH16-13H (82 units/box)	S	3287103312	14549	NB! Only full boxes can be ordered. The economy pack heat exchangers have NO individual packing or insulation. Insulations have to be ordered separately. One installation manual is available in each economy pack.			
CBH16-25H (52 units/box)	S	3287103314	13611				

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN15 ¾"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632401	21.2	0.1	Welding type. Fits Z31
15 mm ¾"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634601	34.2	0.2	Soldering type. Fits Z31
Extra gasket fitting for ¾" couplings (include 2 pcs)	S	3456636101	2.1	0.02	
Couplings					
ADITEG ¾" / DN20 coupling (Brass) (include 2 pcs)	S	3456643701	25.5	0.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020425	117	0.5	Not suitable together with insulation.
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 17 plates	S	3456119701	35	0.2	81 X 120 X 248
Insulation type B: Max 45 plates	S	3456119702	37.1	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

HEAT EXCHANGER						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: ISO G ¾" externally threaded, length 20 mm							
H-channels (Z31, Z31)							
CBH18-15H	S	3287101627	294	58 X 74 X 316	1.5	164394701	128
CBH18-23H	S	3287101628	368	75 X 74 X 316	2.1	164394702	133
CBH18-29H	S	3287095932	420	88 X 74 X 316	2.4	164394702	133
CBH18-39H	S	3287101629	509	110 X 74 X 316	3.1	164394702	133
CBH18-47H	S	3287101630	598	127 X 74 X 316	3.6	164394703	139
A-channels (Z31, Z31)							
CBH18-15A	S	3287101703	294	58 X 74 X 316	1.5	164394701	128
CBH18-23A	S	3287101704	368	75 X 74 X 316	2.1	164394702	133
CBH18-29A	S	3287095933	420	88 X 74 X 316	2.4	164394702	133
CBH18-39A	S	3287101705	509	110 X 74 X 316	3.1	164394702	133
CBH18-47A	S	3287101732	598	127 X 74 X 316	3.6	164394703	139

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN15 ¾"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632401	21.2	0.1	Welding type. Fits Z31
15 mm ¾"; Pipe: Brass; Nut: CS, Nut: CS, gasket included DN15 ¾"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456634601	34.2	0.2	Soldering type. Fits Z31
Extra gasket fitting for ¾" couplings (include 2 pcs)	S	3456636101	2.1	0.02	
Couplings					
ADITEG ¾" / DN20 coupling (Brass) (include 2 pcs)	S	3456643701	25.5	0.25	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 20 plates	S	164394701	128	0.08	
Insulation type A: Max 40 plates	S	164394702	133	0.09	
Insulation type A: Max 60 plates	S	164394703	139	1.0	
Insulation type B Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 20 plates	S	3456213801	33.9	0.1	
Insulation type B: Max 40 plates	S	3456213802	37.1	0.2	

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

HEAT EXCHANGER						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	312	49 X 94 X 324	2.1	164394701	128
CB20-18H	S	3287000013	376	58 X 94 X 324	2.6	164394701	128
CB20-24H	S	3287000014	445	67 X 94 X 324	3.1	164394701	128
CB20-30H	S	3287000015	510	76 X 94 X 324	3.6	164394701	128
CB20-40H	S	3287000016	619	91 X 94 X 324	4.4	164394702	133
CB20-50H	S	3287000017	726	106 X 94 X 324	5.2	164394702	133
CB20-60H	S	3287000018	836	121 X 94 X 324	6.0	164394702	133
CB20-80H	S	3287000019	1059	151 X 94 X 324	7.6	164394703	139
CB20-110H	S	3287000021	1385	196 X 94 X 324	10.0	164394704	143

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	25.5	0.32	Welding type. Fits B21, V22
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 50 pcs)	S	3456632202	573	8.0	
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	27.6	0.32	Welding type
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 50 pcs)	S	3456632702	621	8.0	
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	37.1	0.24	Soldering type. Fits B21, V22
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	78.5	0.6	Soldering type
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	2.8	0.02	Fits B21, V22
Couplings					
ADITEG 1" / DN25 coupling (Brass) (include 2 pcs)	S	3456643601	33.9	0.37	
Floor stand					
Floor stand	S	164428901	79.6	0.7	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 30 plates	S	164394701	128	0.8	113 X 157 X 384
Insulation type A: Max 60 plates	S	164394702	133	0.9	158 X 157 X 384
Insulation type A: Max 90 plates	S	164394703	139	1.0	203 X 157 X 384
Insulation type A: Max 120 plates	S	164394704	143	1.1	248 X 157 X 384
Insulation type B Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 30 plates	S	3456213801	33.9	0.1	100 X 137 X 366
Insulation type B: Max 60 plates	S	3456213802	37.1	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

HEAT EXCHANGER						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1¼" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm							
H-channels (V22, V24)							
CB30-10H	S	3287083361	373	81 X 113 X 313	3.5	3236000881	135
CB30-18H	S	3287083287	461	100 X 113 X 313	4.4	3236000881	135
CB30-24H	S	3287083286	527	113 X 113 X 313	5.1	3236000882	137
CB30-34H	S	3287083363	630	137 X 113 X 313	6.2	3236000882	137
CB30-50H	S	3287083364	802	174 X 113 X 313	8.0	3236000883	139
CB30-70H	S	3287083365	1011	220 X 113 X 313	10.2	3236000884	142
CB30-100H	S	3287083366	1329	289 X 113 X 313	13.7	3236000885	145
CB30-120H	S	3287083367	1540	335 X 113 X 313	15.9	3236000886	149
M-channels (V22, V24)							
CB30-10M	S	3287083368	373	81 X 113 X 313	3.5	3236000881	135
CB30-18M	S	3287083369	461	100 X 113 X 313	4.4	3236000881	135
CB30-24M	S	3287083370	527	113 X 113 X 313	5.1	3236000882	137
CB30-34M	S	3287083371	630	137 X 113 X 313	6.2	3236000882	137
CB30-50M	S	3287083372	802	174 X 113 X 313	8.0	3236000883	139
CB30-70M	S	3287083373	1011	220 X 113 X 313	10.2	3236000884	142
CB30-100M	S	3287083374	1329	289 X 113 X 313	13.7	3236000885	145
L-channels (V22, V24)							
CB30-10L	S	3287083377	373	81 X 113 X 313	3.5	3236000881	135
CB30-18L	S	3287083378	461	100 X 113 X 313	4.4	3236000881	135
CB30-24L	S	3287083379	527	113 X 113 X 313	5.1	3236000882	137
CB30-34L	S	3287083380	630	137 X 113 X 313	6.2	3236000882	137
CB30-50L	S	3287083381	802	174 X 113 X 313	8.0	3236000883	139
Connections: ISO G 1" externally threaded, length 45 mm (V22, V24)							
CB30-10H	S	3287082389	370	81 X 113 X 313	3.4	3236000881	135
CB30-18H	S	3287083385	458	100 X 113 X 313	4.3	3236000881	135
CB30-24H	S	3287083386	525	113 X 113 X 313	5.0	3236000882	137
CB30-34H	S	3287083387	627	137 X 113 X 313	6.1	3236000882	137
CB30-50H	S	3287083388	800	174 X 113 X 313	7.8	3236000883	139
CB30-60H	S	3287083294	907	197 X 113 X 313	8.9	3236000883	139
Two pass - Six connections pre/post heater design (V22, V24)							
CB30-50H	S	3287084064	981	211 X 113 X 313	8.3	3236000883	139
CB30-70H	S	3287084065	1340	257 X 113 X 313	10.5	3236000884	142
CB30-100H	S	3287084066	1628	326 X 113 X 313	14.0	3236000885	145
CB30-120H	S	3287084067	1889	372 X 113 X 313	16.2	3236000886	149

S = Stock unit



CB30 Extras

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	25.5	0.3	Fits V22. Welding type
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 50 pcs)	S	3456632202	573	8.0	
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	27.6	0.3	Welding type
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 50 pcs)	S	3456632702	621	8.0	
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	37.1	0.2	Fits V22. Soldering type
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	78.5	0.6	Soldering type
DN25 1¼"; Pipe: CS; Nut: CS. Gasket included (include 2 pcs)	S	3456631901	35	0.4	Fits V24. Welding type
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456632101	46.7	0.4	Fits V24. Soldering type
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 50 pcs)	S	3456632102	1050	10.8	
DN32 1¼"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632601	59.4	0.4	Fits V24. Welding type
DN32 1¼"; Pipe: CS; Nut: CS, gasket included (include 50 pcs)	S	3456632602	1337	10.8	
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	2.8	0.02	Fits B21, V22
Extra gasket fitting for 1" couplings (include 50 pcs)	S	3456636002	62.6	0.1	Fits B21, V22
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.4	0.02	Fits V24
Couplings					
ADITEG 1" / DN25 coupling (Brass) (include 2 pcs)	S	3456643601	33.9	0.4	
ADITEG 1¼" / DN32 coupling (Brass) (include 2 pcs)	S	3456643801	46.7	0.5	
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	196	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 100 plates	S	3456089802	212	4.3	
Adjustable foot Max 150 plates	S	3456089803	212	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020426	121	0.7	Not suitable together with insulation.
Floor support kit					
Max 30 plates. Includes 2 feet and 2 nuts. The nuts are mounted on the thread on the connections, and fixes the feet.	S	162965401	69	0.6	Fits ONLY V22, V22 connections
Max 150 plates *) Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package. *) Have to be ordered together with 162965401	S	162965402	39.2	0.6	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 20 plates	S	3236000881	135	0.7	112 X 182 X 360
Insulation type A: Max 40 plates	S	3236000882	137	0.8	160 X 182 X 360
Insulation type A: Max 60 plates	S	3236000883	139	0.9	209 X 182 X 360
Insulation type A: Max 80 plates	S	3236000884	142	1.0	257 X 182 X 360
Insulation type A: Max 100 plates	S	3236000885	145	1.2	304 X 182 X 360
Insulation type A: Max 120 plates	S	3236000886	149	1.3	352 X 182 X 360
Insulation type B Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 25 plates	S	3456104601	33.9	0.2	113 X 156 X 354
Insulation type B: Max 50 plates	S	3456104602	36.1	0.2	173 X 156 X 354
Insulation type B: Max 100 plates	S	3456104603	39.2	0.3	293 X 156 X 354
Insulation type P (max temperature 110°C, min temperature -45°C)					
Insulation type P: Max 14 plates	S	3456213901	59.4	0.1	
Insulation type P: Max 24 plates	S	3456213902	61.5	0.2	
Insulation type P: Max 34 plates	S	3456213903	63.6	0.2	
Insulation type P: Max 50 plates	S	3456213905	67.9	0.2	
Insulation type P: Max 70 plates	S	3456213907	73.2	0.3	
Insulation type P: Max 100 plates	S	3456213908	80.6	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

HEAT EXCHANGER					Insulation type A		
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1¼" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm							
H-channels (V22, V24)							
CB60-10H	S	3287079641	466	81 X 113 X 527	5.0	3236000891	143
CB60-20H	S	3287079642	642	104 X 113 X 527	6.8	3236000891	143
CB60-30H	S	3287079643	819	128 X 113 X 527	8.5	3236000892	151
CB60-40H	S	3287079644	998	151 X 113 X 527	10.3	3236000892	151
CB60-50H	S	3287079645	1174	174 X 113 X 527	12.1	3236000893	154
CB60-60H	S	3287079646	1348	197 X 113 X 527	13.8	3236000893	154
CB60-80H	S	3287079647	1699	244 X 113 X 527	17.3	3236000894	158
CB60-100H	S	3287079648	2051	290 X 113 X 527	21.1	3236000895	161
Connections: ISO G 1" externally threaded, length 45 mm (V22, V24)							
CB60-20H	S	3287079650	640	104 X 113 X 527	6.7	3236000891	143
CB60-30H	S	3287079651	817	128 X 113 X 527	8.4	3236000892	151
CB60-40H	S	3287079652	992	151 X 113 X 527	10.2	3236000892	151
Two pass (V22, V22) (2,2)							
CB60-30H	S	3287079665	1002	165 X 113 X 527	8.4	3236000892	151
CB60-40H	S	3287079666	1193	188 X 113 X 527	10.2	3236000892	151
CB60-60H	S	3287079667	1579	234 X 113 X 527	13.7	3236000893	154
M-channels (V22, V24)							
CB60-20M	S	3287101477	642	104 X 113 X 527	6.8	3236000891	143
CB60-30M	S	3287101478	819	128 X 113 X 527	8.5	3236000892	151
CB60-40M	S	3287101479	998	151 X 113 X 527	10.3	3236000892	151
CB60-50M	S	3287101480	1174	174 X 113 X 527	12.1	3236000893	154
CB60-60M	S	3287101481	1347	197 X 113 X 527	13.8	3236000894	158
CB60-80M	S	3287101482	1699	244 X 113 X 527	17.3	3236000894	158
CB60-100M	S	3287101483	2051	290 X 113 X 527	21.1	3236000895	161
L-channels (V22, V24)							
CB60-20L	S	3287101486	642	104 X 113 X 527	6.8	3236000891	143
CB60-30L	S	3287101487	819	128 X 113 X 527	8.5	3236000892	151
CB60-40L	S	3287101488	999	151 X 113 X 527	10.3	3236000892	151
CB60-50L	S	3287101489	1174	174 X 113 X 527	12.1	3236000893	154
CB60-60L	S	3287101490	1347	197 X 113 X 527	13.8	3236000894	158
CB60-80L	S	3287101491	1699	244 X 113 X 527	17.3	3236000894	158
CB60-100L	S	3287101492	2051	290 X 113 X 527	21.1	3236000895	161
Connections: ISO G 1" externally threaded, length 45 mm							
Two pass (V22, V24) (2,2)							
CB60-40L	S	3287109036	1314	188 X 113 X 527	10.7	3236000892	151
CB60-52L	S	3287109037	1546	216 X 113 X 527	12.8	3236000893	154
CB60-64L	S	3287109038	1785	243 X 113 X 527	14.9	3236000894	158
CB60-80L	S	3287108491	2104	281 X 113 X 527	18.0	3236000894	158
CB60-100L	S	3287108922	2503	327 X 113 X 527	21.5	3236000895	161

S = Stock unit



CB60 Extras

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632201	25.5	0.3	Fits V22. Welding type
DN20 1"; Pipe: CS; Nut: CS, gasket included (include 50 pcs)	S	3456632202	573	8.0	
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 2 pcs)	S	3456632701	27.6	0.3	Welding type
DN25 1"; Pipe: CS; Nut: CS, gasket included (include 50 pcs)	S	3456632702	621	8.0	
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634501	37.1	0.2	Fits V22. Soldering type
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 50 pcs)	S	3456634502	836	6.0	
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456644001	78.5	0.6	Soldering type
DN25 1¼"; Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456631901	35	0.4	Fits V24. Welding type
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456632101	46.7	0.4	Fits V24. Soldering type
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 50 pcs)	S	3456632102	1050	10.8	
DN32 1¼"; Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456632601	59.4	0.4	Fits V24. Welding type
DN32 1¼"; Pipe & Nut: CS, gasket included (include 50 pcs)	S	3456632602	1337	10.8	
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	2.8	0.02	Fits B21, V22
Extra gasket fitting for 1" couplings (include 50 pcs)	S	3456636002	62.6	0.1	Fits V24
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.4	0.02	
Couplings					
ADITEG 1" / DN25 coupling (Brass) (include 2 pcs)	S	3456643601	33.9	0.4	
ADITEC 1¼" / DN32 coupling (Brass) (include 2 pcs)	S	3456643801	46.7	0.5	
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	196	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 100 plates	S	3456089802	212	4.3	
Adjustable foot Max 150 plates	S	3456089803	212	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020427	132	1.0	Not suitable together with insulation.
Floor support kit					
Max 30 plates. Includes 2 feet and 2 nuts. The nuts are mounted on the thread on the connections, and fixes the feet.	S	162965401	69	0.6	Fits ONLY V22, V22 connections
Max 150 plates *) Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package. *) Have to be ordered together with 162965401	S	162965402	39.2	0.6	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 20 plates	S	3236000891	143	0.8	112 X 182 X 588
Insulation type A: Max 40 plates	S	3236000892	151	1.0	160 X 182 X 588
Insulation type A: Max 60 plates	S	3236000893	154	1.3	210 X 182 X 588
Insulation type A: Max 80 plates	S	3236000894	158	1.5	257 X 182 X 588
Insulation type A: Max 100 plates	S	3236000895	161	1.7	304 X 182 X 588
Insulation type A: Max 120 plates	S	3236000896	164	2.0	352 X 182 X 588
Insulation type A: Max 150 plates	S	3236000897	171	2.3	424 X 182 X 588
Insulation type B Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 30 plates	S	3456104701	42.4	0.3	125 X 256 X 570
Insulation type B: Max 60 plates	S	3456104702	60.5	0.5	197 X 156 X 570
Insulation type P (max temperature 100°C, min temperature -45°C)					
Insulation type P: Max 20 plates	S	3456214101	74.3	0.3	
Insulation type P: Max 34 plates	S	3456214102	78.5	0.3	
Insulation type P: Max 40 plates	S	3456214103	81.7	0.4	
Insulation type P: Max 50 plates	S	3456214104	84.9	0.4	
Insulation type P: Max 60 plates	S	3456214105	88	0.4	
Insulation type P: Max 80 plates	S	3456214107	94.4	0.5	

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

HEAT EXCHANGER						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							
H-channels (B23, B23)							
CB110-16H	S	3287101553	1461	104 X 191 X 616	14.0	3236000901	173
CB110-20H	S	3287101554	1670	114 X 191 X 616	15.3	3236000901	173
CB110-24H	S	3287101555	1839	124 X 191 X 616	16.6	3236000901	173
CB110-30H	S	3287101556	2185	140 X 191 X 616	18.5	3236000901	173
CB110-38H	S	3287101557	2553	160 X 191 X 616	21.4	3236000902	181
CB110-46H	S	3287101558	3071	181 X 191 X 616	24.0	3236000902	181
CB110-54H	S	3287101559	3353	201 X 191 X 616	26.6	3236000902	181
CB110-64H	S	3287101560	3682	227 X 191 X 616	29.8	3236000903	190
CB110-76H	S	3287101561	4109	258 X 191 X 616	33.7	3236000903	190
CB110-90H	S	3287101562	4803	293 X 191 X 616	38.2	3236000903	190
CB110-120H	S	3287101563	6305	370 X 191 X 616	47.9	3236000904	198
Connections: ISO G 2" externally threaded, length 48 mm							
M-channels (B23, B23)							
CB110-16M	S	3287101587	1461	104 X 191 X 616	14.0	3236000901	173
CB110-20M	S	3287101588	1670	114 X 191 X 616	15.3	3236000901	173
CB110-24M	S	3287101589	1839	124 X 191 X 616	16.6	3236000901	173
CB110-30M	S	3287101590	2185	140 X 191 X 616	18.5	3236000901	173
CB110-38M	S	3287101591	2553	160 X 191 X 616	21.4	3236000902	181
CB110-46M	S	3287101592	3071	181 X 191 X 616	24.0	3236000902	181
CB110-54M	S	3287101593	3353	201 X 191 X 616	26.6	3236000902	181
CB110-64M	S	3287101594	3682	227 X 191 X 616	29.8	3236000903	190
L-channels (B23, B23)							
CB110-16L	S	3287101598	1461	104 X 191 X 616	14.0	3236000901	173
CB110-20L	S	3287101599	1670	114 X 191 X 616	15.3	3236000901	173
CB110-24L	S	3287101600	1839	124 X 191 X 616	16.6	3236000901	173
CB110-30L	S	3287101601	2185	140 X 191 X 616	18.5	3236000901	173
CB110-38L	S	3287101602	2553	160 X 191 X 616	21.4	3236000902	181
CB110-46L	S	3287101603	3071	181 X 191 X 616	24.0	3236000902	181
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)							
CB110-82H	S	3287101743	4485	273 X 191 X 616	35.9	3236000903	190
M-channels (B23, O4)							
CB110-38M	S	3287101748	2621	160 X 191 X 616	21.7	3236000902	181
CB110-54M	S	3287101749	3372	201 X 191 X 616	26.9	3236000902	181
CB110-70M	S	3287101750	4118	242 X 191 X 616	32.0	3236000903	190
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	173
CB110-38L	S	3287101755	2644	160 X 191 X 616	21.5	3236000902	181
CB110-54L	S	3287101757	3372	201 X 191 X 616	26.7	3236000902	181
CB110-76L	S	3287101759	4158	258 X 191 X 616	33.8	3236000903	190

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

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: ISO G2" externally threaded connections, length 48 mm.					
H-channels (B23, B23)					
CB112-38H	S	3287147921	2688	143 X 191 X 616	22.2
CB112-46H	S	3287124506	3058	159 X 191 X 616	25.2
CB112-54H	S	3287135474	3428	176 X 191 X 616	28.0
CB112-120H	S	3287123777	6482	312 X 191 X 616	51.0
CB112-150H	S	3287135440	7869	375 X 191 X 616	61.9
CB112-200H	S	3287155056	10183	478 X 191 X 616	79.4
M-channels (B23, B23)					
CB112-38M	S	3287155052	2688	143 X 191 X 616	22.2
CB112-46M	S	3287135782	3058	159 X 191 X 616	25.2
CB112-54M	S	3287141805	3428	176 X 191 X 616	28.0
CB112-62M	S	3287131322	3798	192 X 191 X 616	30.8
CB112-72M	S	3287128402	4261	213 X 191 X 616	34.3
CB112-62H	S	3287130413	3798	192 X 191 X 616	30.8
CB112-72H	S	3287117052	4261	213 X 191 X 616	34.3
Connections: Two pass - Six connections pre/post heater design (B23, B23) (2.2)					
CB112-30L	S	3287119176	2423	164 X 191 X 616	20.3
CB112-46L	S	3287119177	3163	197 X 191 X 616	25.9
CB112-64L	S	3287119178	3996	234 X 191 X 616	32.2
CB112-76L	S	3287119179	4551	259 X 191 X 616	36.4
CB112-90L	S	3287119180	5199	288 X 191 X 616	41.3
CB112-120L	S	3287119181	6586	350 X 191 X 616	51.8

S = Stock unit



CB110 / CB112 Extras

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN50 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456631601	67.9	1.1	Fits B23. Welding type
DN50 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456639501	140	1.3	Fits O4. Welding type
DN65 2½" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456634801	204	1.3	Fits O4
DN40 2" Pipe & Nut: CS, gasket included (include 2 pcs)	S	3456632501	76.4	1.1	Fits B23. Welding type
DN40 2" Pipe & Nut: CS, gasket included (include 30 pcs)	S	3456632502	1031	15.8	
42 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456634401	127	0.8	Fits B23. Soldering type
54 mm. Pipe: Brass; Nut: CS, Nut: CS, gasket included (include 2 pcs)	S	3456631801	138	0.9	Fits B23. Soldering type
Gasket for 2" fitting (include 2 pcs)	S	3456639901	5.1	0.02	Fits B23
Gasket for 2½" fitting (include 2 pcs)	S	3456640001	5.1	0.02	Fits O4
Couplings					
ADITEG 2" / DN50 Couplings (Brass) (include 2 pcs)	S	3456643901	110	0.5	
2" flange DN40 weld CS (include 2 pcs)	S	3456788401	189	3.0	
Adjustable foot					
Adjustable foot Max 60 plates	S	3456090801	233	4.5	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 90 plates	S	3456090804	233	4.5	
Adjustable foot Max 120 plates	S	3456090802	233	4.5	
Adjustable foot Max 150 plates	S	3456090803	233	4.5	
Floor support kit					
Max 30 plates. Includes 2 feet and 2 nuts. The nuts are mounted on the thread on the connections, and fixes the feet.	S	162965501	138	2.3	Fits ONLY B23,B23 connections
Max 150 plates *) Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package. *) Have to be ordered together with 162965501	S	162965502	56.2	1.7	Fits ONLY B23,B23 connections
Rigid foot					
Rigid foot	S	3456544501	202	3.8	Includes two feet. Note that the BHE must be ordered with stud bolts.
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 30 plates CB110 and Max 40 plates CB112	S	3236000901	173	1.3	160 X 240 X 670
Insulation type A: Max 60 plates CB110 and Max 80 plates CB112	S	3236000902	181	1.7	247 X 240 X 670
Insulation type A: Max 90 plates CB110 and Max 120 plates CB112	S	3236000903	190	2.1	334 X 240 X 670
Insulation type A: Max 130 plates CB110 and Max 160 plates CB112	S	3236000904	198	2.6	421 X 240 X 670
Insulation type A: Max 160 plates CB110 and Max 200 plates CB112	S	3236000905	207	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

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S3/S4: Compact flanges, DN80, PN40 *. S1/S2: Compact flanges, DN80, PN40 *					
High theta units (CPF, CPF)					
CB200-64H incl. insulation	S	3287070501	6258	344 X 324 X 742	79.7
CB200-80H incl. insulation	S	3287070503	6984	387 X 324 X 742	89.3
CB200-100H incl. insulation	S	3287070505	7893	441 X 324 X 742	101.3
CB200-124H incl. insulation	S	3287070507	8984	506 X 324 X 742	115.7
CB200-200H incl. insulation	S	3287070511	12441	711 X 324 X 742	161.3
Medium theta units (CPF, CPF)					
CB200-50M incl. insulation	S	3287070515	5621	306 X 324 X 742	71.3
CB200-64M incl. insulation	S	3287070517	6258	344 X 324 X 742	79.7
CB200-80M incl. insulation	S	3287070519	6984	387 X 324 X 742	89.3
CB200-100M incl. insulation	S	3287070521	7893	441 X 324 X 742	101.3
CB200-124M incl. insulation	S	3287070523	8984	506 X 324 X 742	115.7
Low theta units (CPF, CPF)					
CB200-40L incl. insulation	S	3287070530	5165	279 X 324 X 742	65.3
CB200-80L incl. insulation	S	3287070534	6984	387 X 324 X 742	89.3
Connections: Primary side (S3/S4): LFS23 Stainless steel flanges (loose type) PN25, DN80, DIN 2635. Secondary side (S1/S2): LFS23 Stainless steel flanges (loose type) PN25, DN80, DIN 2635					
High theta units (LFS23, LFS23)					
CB200-64H incl. insulation	S	3287000765	6850	344 X 324 X 742	82.0
CB200-100H incl. insulation	S	3287056283	8552	441 X 324 X 742	103.6
CB200-124H incl. insulation	S	3287000766	9684	506 X 324 X 742	118.0
CB200-200H incl. insulation	S	3287050163	13274	711 X 324 X 742	163.6
Medium theta units (LFS23, LFS23)					
CB200-50M incl. insulation	S	3287050029	6189	306 X 324 X 742	73.6
CB200-64M incl. insulation	S	3287000762	6850	344 X 324 X 742	82.0
CB200-80M incl. insulation	S	3287000763	7607	387 X 324 X 742	91.6
CB200-100M incl. insulation	S	3287000764	8552	441 X 324 X 742	103.6
CB200-124M incl. insulation	S	3287050006	9684	506 X 324 X 742	118.0
Low theta units (LFS23, LFS23)					
CB200-80L incl. insulation	S	3287050145	7607	387 X 324 X 742	91.6

S = Stock unit

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

EXTRAS		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN80 flange: SS; Nut: SS (gasket included)	S	3456325103	124	1.8
DN80 flange: CS; Nut: SS (gasket included)	S	3456325104	96.5	1.8
Gasket for DN80 flange	S	3456287003	17.5	

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

HEAT EXCHANGER					
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 *.					
High theta units (CPF, CPF)					
CB300-150H incl. insulation	S	3287070317	14765	664 X 366 X 990	240.3
Medium theta units (CPF, CPF)					
CB300-100M incl. insulation	S	3287070329	11367	533 X 366 X 990	177.3
Low theta units (LFS, LFS)					
CB300-50L	S	3287000339	7680	402 X 366 X 990	114.6
CB300-64L	S	3287000340	8663	439 X 366 X 990	132.2
CB300-80L	S	3287000341	9782	481 X 366 X 990	152.4

S = Stock unit

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

EXTRAS		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN65 flange: SS; Nut: SS (gasket included)	S	3456325101	105	1.5
DN100 flange: SS; Nut: SS (gasket included)	S	3456325105	179	2.5
DN65 flange: CS; Nut: SS (gasket included)	S	3456325102	92.3	1.5
DN100 flange: CS; Nut: SS (gasket included)	S	3456325106	149	2.5
Gasket for DN65 flange	S	3456287002	17.5	0.1
Gasket for DN100 flange	S	3456287004	17.5	
Inspection cover				
CPF100SS	S	3456392601	212	2.8

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

HEAT EXCHANGER					
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	S	3287081959	19961	786 X 390 X 990	345.4
CB400-270H incl. insulation	S	3287081961	25005	965 X 390 X 990	424.9

S = Stock unit

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

EXTRAS		Article no.	Price	Weight kg/unit
Counter compact flanges				
DN100 flange: SS; Nut: SS (gasket included)	S	3456325105	179	2.5
DN100 flange: SS; Nut: CS (gasket included)	S	3456325106	149	2.5
Gasket for DN100 flange	S	3456287004	17.5	
Inspection cover				
CPF100SS	S	3456392601	212	2.8

S = Stock unit

Brazed plate heat exchangers for oil cooling

Brazed plate heat exchangers 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. If you have no accesses to the configuration tool please contact your local Alfa Laval sales representative



DOC16



DOC20



DOC30



DOC60



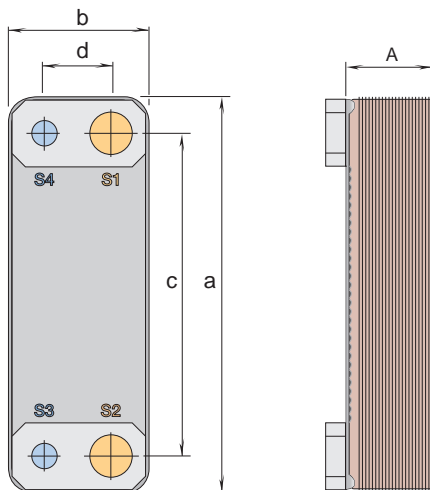
DOC110



DOC112



DOC112HF



Measurement instruction



Technical specifications

Brazed plate heat exchanger data and dimensions

	DOC16	DOC20	DOC30	DOC60
Channel type	H, A	H	H	H, L
Max./min. design temperature (°C)	150/-160	225/-196	225/-196	225/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	32/32	16/16	36/36	36/36
Volume/channel (S3-S4/S1-S2) (litres)	0.027 (H) ³⁾	0.028	0.054	0.103
Max. flowrate (S3-S4/S1-S2) (m ³ /h) **	4.1	8.9	14.5	14.5
Height, mm (a)	210	324	313	527
Width, mm (b)	74	94	113	113
Vertical connection distance, mm (c)	172	270	250	466
Horizontal connection distance, mm (d)	42	46	50	50
Plate pack length, mm (A)	(n x 2.16) + 8.5	(n x 1.5) + 8	(n x 2.31) + 13	(n x 2.32) + 13
Weight empty, kg ***	(n x 0.04) + 0.27	(n x 0.08) + 0.6	(n x 0.1) + 1.2	(n x 0.18) + 2.1
Plate material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Connection material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Brazing material	Copper	Copper	Copper	Copper
Max. number of plates	60	110	100	120

	DOC110	DOC112	DOC112HF
Channel type	H, M, L	H, L	H, AH, AM
Max./min. design temperature (°C)	225/-196	225/-196	225/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	24/24	32/32	32/32
Volume/channel (S3-S4/S1-S2) (litres)	0.21	0.18	0.2/0.16 ¹⁾
Max. flowrate (S3-S4/S1-S2) (m ³ /h) **	51	51	51
Height, mm (a)	616	616	616
Width, mm (b)	191	191	191
Vertical connection distance, mm (c)	519	519	519
Horizontal connection distance, mm (d)	92	92	92
Plate pack length, mm (A)	(n x 2.56) + 15	(n x 2.07) + 16	(n x 2.06) + 16 ²⁾
Weight empty, kg ***	(n x 0.32) + 4.82	(n x 0.35) + 4.8	(n x 0.35) + 4.8
Plate material	Stainless steel	Stainless steel	Stainless steel
Connection material	Stainless steel	Stainless steel	Stainless steel
Brazing material	Copper	Copper	Copper
Max. number of plates	240	300	300

* According to PED

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

*** Excluding connections

n = number of plates

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

²⁾ A channels (n x 2.5) + 10, E channels (n x 2.2) + 10

³⁾ A channel (0.030/0.024)

Stocked units



DOC16

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 *
Max. design temperature °C	225 (CBH16) / 150 (DOC16)
Design pressure (S3/S4, S1/S2) at 175°C	32/32

* Pressure x Volume is too small for PED approval

Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Flange: S1/S2 Oil: ISO G ¾", S3/S4 Water: ISO G ¾"					
DOC16-14A	S	3287119979	284	61 X 74 X 210	1.4
DOC16-26A	S	3287119981	413	87 X 74 X 210	1.9

S = Stock unit



DOC20

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 *
Max. design temperature °C	225
Design pressure (S3/S4, S1/S2) at 175°C	16/16

Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Flange: S1/S2 Oil: ISO G 1", S3/S4 Water: ISO G ¾"					
DOC20-20H	S	3287050746	506	63 X 94 X 324	3.1
DOC20-40H	S	3287050747	713	93 X 94 X 324	4.7
DOC20-90H	S	3287050749	1340	168 X 94 X 324	8.7

S = Stock unit



DOC30

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 175°C	33/33

Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Flange: S1/S2 Oil: ISO G 1 1/4" S3/S4 Water: ISO G 3/4"					
DOC30-18H	S	3287083340	530	81 X 113 X 313	5.2
DOC30-24H	S	3287083341	607	94 X 113 X 313	5.8
DOC30-34H	S	3287083345	724	118 X 113 X 313	6.9
DOC30-50H	S	3287083347	922	155 X 113 X 313	8.7
DOC30-70H	S	3287083348	1163	201 X 113 X 313	10.9
DOC30-100H	S	3287083349	1529	270 X 113 X 313	14.3

S = Stock unit



DOC60

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 *
Max. design temperature °C	225
Design pressure (S3/S4, S1/S2) at 175°C	33/33

Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Flange: S1/S2 Oil: ISO G 1 1/4" S3/S4 Water: ISO G 3/4"					
H-channels					
DOC60-20H	S	3287079567	738	85 X 113 X 527	7.4
DOC60-30H	S	3287079568	942	109 X 113 X 527	9.1
DOC60-40H	S	3287079569	1146	132 X 113 X 527	10.9
DOC60-50H	S	3287079570	1350	155 X 113 X 527	12.7
DOC60-60H	S	3287079571	1550	178 X 113 X 527	14.4
DOC60-70H	S	3287079572	1850	201 X 113 X 527	16.2
DOC60-80H	S	3287079573	1954	225 X 113 X 527	17.9

S = Stock unit



DOC110

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 175°C	23/23

Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Flange: S1/S2 Oil: ISO G 1½" S3/S4 Water: ISO G 1"					
H-channels					
DOC110-24H	S	3287117494	2115	102 X 191 X 616	20.0
DOC110-38H	S	3287117496	2937	138 X 191 X 616	24.5
DOC110-54H	S	3287117497	3856	179 X 191 X 616	30.0
M-channels					
DOC110-30M	S	3287120907	2513	118 X 191 X 616	22.0
DOC110-46M	S	3287120909	3531	159 X 191 X 616	27.4
DOC110-64M	S	3287120911	4235	205 X 191 X 616	33.2
L-channels					
DOC110-30L	S	3287120922	2513	118 X 191 X 616	22.0
DOC110-46L	S	3287120924	3531	159 X 191 X 616	27.4

S = Stock unit



DOC112

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 *
Max. design temperature °C	225
Design pressure (S3/S4, S1/S2) at 175°C	31/31

Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Flange: S1/S2 Oil: ISO G 2½" S3/S4 Water: ISO G 1¼"					
DOC112HF-72AM	S	3287109555	4720	190 X 191 X 616	39.8
DOC112HF-90AM	S	3287118495	5802	227 X 191 X 616	46.1
Connections: ISO G 1¼" internally threaded (CF04, CF04), length 22 mm					
DOC112HF-38AH	S	3287109557	2937	120 X 191 X 616	27.6
DOC112HF-54AH	S	3287109558	3856	153 X 191 X 616	33.4

S = Stock unit

Fusion bonded plate heat exchangers

Fusion bonded plate heat exchangers 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 access to the configuration tool please contact your local Alfa Laval sales representative.



AlfaNova 14



AlfaNova 27



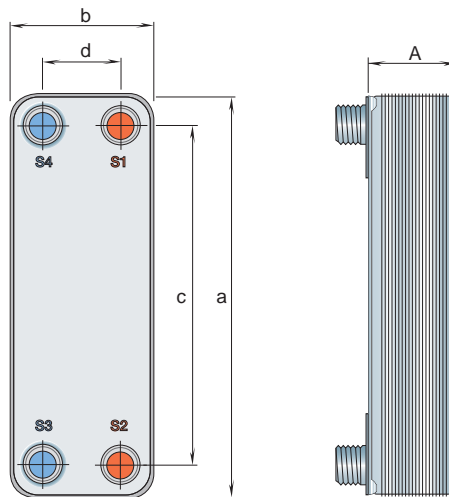
AlfaNova 52



AlfaNova 76



AlfaNova 400



Measurement instruction

Technical specifications

Fusion bonded plate heat exchangers data and dimensions

	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) *	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) (m ³ /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

Stocked units



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

HEAT EXCHANGER						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 14-10H	S	3287050661	570	57 X 77 X 207	1.3	3456119701	35
AlfaNova 14-20H	S	3287050662	717	82 X 77 X 207	2.0	3456119702	37.1
AlfaNova 14-30H	S	3287050663	866	106 X 77 X 207	2.7	3456119702	37.1
AlfaNova 14-40H	S	3287050664	1015	131 X 77 X 207	3.4	3456119702	37.1

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN15 ¾"; Pipe: SS, Nut: CS (include 2 pcs)	S	3456632801	32.9	0.12	Welding type. Fits A21
Extra gasket fitting for ¾" couplings (include 2 pcs)	S	3456636101	2.1	0.02	Fits A21
<i>For couplings in Brass/CS, see CBH16</i>					
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020425	117	0.5	Not suitable together with insulation.
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 14 plates	S	3456119701	35	0.2	
Insulation type B: Max 40 plates	S	3456119702	37.1	0.3	

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

HEAT EXCHANGER						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1¼" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22,V24)							
AlfaNova 27-10H	S	3288001188	785	80 X 111 X 310	3.6	3236000881	135
AlfaNova 27-18H	S	3288000763	992	100 X 111 X 310	4.6	3236000881	135
AlfaNova 27-24H	S	3288000901	1148	114 X 111 X 310	5.4	3236000882	137
AlfaNova 27-34H	S	3288000764	1410	138 X 111 X 310	6.7	3236000882	137
AlfaNova 27-50H	S	3288000970	1825	177 X 111 X 310	8.8	3236000883	139
AlfaNova 27-70H	S	3288000999	2348	225 X 111 X 310	11.4	3236000884	142
AlfaNova 27-100H	S	3287050287	3256	298 X 111 X 310	15.4	3236000886	149
Two pass - Six connections pre/post heater design							
AlfaNova 27-50H	S	3288001270	2096	217 X 111 X 310	9.1	3236000883	139
AlfaNova 27-70H	S	3288001271	2642	265 X 111 X 310	11.7	3236000884	142

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN20 1"; Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456632301	47.7	0.32	Welding type. Fits V22.
DN25 1¼"; Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456632001	65.8	0.43	Welding type
DN32 1¼"; Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456632901	79.6	0.43	
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	2.8	0.02	Fits B21, V22
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.4	0.02	Fits V24
<i>For couplings in Brass/CS, see CB30</i>					
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	196	4.3	Fits all connections.
Adjustable foot Max 100 plates	S	3456089802	212	4.3	Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 150 plates	S	3456089803	212	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020426	121	0.7	Not suitable together with insulation.
Floor support kit					
Max 30 plates. Includes 2 feet and 2 nuts. The nuts are mounted on the thread on the connections, and fixes the feet.	S	162965401	69	0.6	Fits ONLY V22, V22 connections
Max 150 plates *) Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package. *) Have to be ordered together with 162965401	S	162965402	39.2	0.6	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 18 plates	S	3236000881	135	0.7	
Insulation type A: Max 38 plates	S	3236000882	137	0.8	
Insulation type A: Max 58 plates	S	3236000883	139	0.9	
Insulation type A: Max 76 plates	S	3236000884	142	1.0	
Insulation type A: Max 96 plates	S	3236000885	145	1.2	
Insulation type A: Max 114 plates	S	3236000886	149	1.3	
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 24 plates	S	3456104601	33.9	0.2	
Insulation type B: Max 48 plates	S	3456104602	36.1	0.2	
Insulation type B: Max 98 plates	S	3456104603	39.2	0.3	

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

HEAT EXCHANGER						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: ISO G 1¼" externally threaded, length 45 mm. S3/S4: ISO G 1" externally threaded, length 45 mm (V22, V24)							
AlfaNova 52-10H	S	3288001442	1118	81 X 111 X 526	5.4	3236000892	151
AlfaNova 52-20H	S	3288001139	1507	106 X 111 X 526	7.5	3236000892	151
AlfaNova 52-30H	S	3288001047	1892	130 X 111 X 526	9.7	3236000892	151
AlfaNova 52-40H	S	3288001265	2279	155 X 111 X 526	11.9	3236000893	154
AlfaNova 52-50H	S	3287050288	2666	180 X 111 X 526	14.0	3236000893	154
AlfaNova 52-60H	S	3288001266	3052	205 X 111 X 526	16.2	3236000894	158
AlfaNova 52-80H	S	3287050289	3826	254 X 111 X 526	20.5	3236000895	161
AlfaNova 52-100	S	3287050290	4599	304 X 111 X 526	25.1	3236000896	164
Two pass - Six connections pre/post heater design							
AlfaNova 52-60L	S	3287051200	3443	244 X 111 X 526	16.6	3236000894	158
AlfaNova 52-80L	S	3287051201	4261	293 X 111 X 526	21.1	3236000895	161

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN20 1"; Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456632301	47.7	0.32	Welding type. Fits V22.
DN25 1¼"; Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456632001	65.8	0.43	Welding type
DN32 1¼"; Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456632901	79.6	0.43	
Extra gasket fitting for 1" couplings (include 2 pcs)	S	3456636001	2.8	0.02	Fits B21, V22
Extra gasket fitting for 1¼" couplings (include 2 pcs)	S	3456635901	3.4	0.02	Fits V24
<i>For couplings in Brass/CS, see CB60</i>					
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	196	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 100 plates	S	3456089802	212	4.3	
Adjustable foot Max 150 plates	S	3456089803	212	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020427	132	1.0	Not suitable together with insulation.
Floor support kit					
Max 30 plates. Includes 2 feet and 2 nuts. The nuts are mounted on the thread on the connections, and fixes the feet.	S	162965401	69	0.6	Fits ONLY V22, V22 connections
Max 150 plates *) Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package. *) Have to be ordered together with 162965401	S	162965402	39.2	0.6	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 38 plates	S	3236000892	151	1.0	
Insulation type A: Max 58 plates	S	3236000893	154	1.3	
Insulation type A: Max 76 plates	S	3236000894	158	1.5	
Insulation type A: Max 96 plates	S	3236000895	161	1.7	
Insulation type A: Max 114 plates	S	3236000896	164	2.0	
Insulation type A: Max 144 plates	S	3236000897	171	2.3	
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 28 plates	S	3456104701	42.4	0.3	
Insulation type B: Max 56 plates	S	3456104702	60.5	0.5	

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

HEAT EXCHANGER						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	2690	116 X 191 X 618	19.2	3236000901	173
AlfaNova 76-30H	S	3287050292	3339	145 X 191 X 618	24.1	3236000901	173
AlfaNova 76-40H	S	3288000893	3992	73 X 191 X 618	29	3236000902	181
AlfaNova 76-50H	S	3287050293	4642	202 X 191 X 618	34.1	3236000902	181
AlfaNova 76-70H	S	3287050294	5940	259 X 191 X 618	43.8	3236000903	190
AlfaNova 76-80H	S	3287050295	6590	287 X 191 X 618	48.6	3236000903	190

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN50 2" Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456631701	168	1.1	Welding type. Fits B23.
DN40 2" Pipe: SS, Nut: CS, gasket included (include 2 pcs)	S	3456633001	168	1.1	Fits B23. Welding type
Gasket for 2" fitting (include 2 pcs)	S	3456639901	5.1	0.02	
<i>For couplings in Brass/CS, see CB110/CB112</i>					
Adjustable foot					
Adjustable foot Max 60 plates	S	3456090801	233	4.5	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 90 plates	S	3456090804	233	4.5	
Adjustable foot Max 120 plates	S	3456090802	233	4.5	
Adjustable foot Max 150 plates	S	3456090803	233	4.5	
Floor support kit					
Max 30 plates Includes 2 feet and 2 nuts. The nuts are mounted on the thread on the connections, and fixes the feet.	S	162965501	138	2.3	Fits ONLY B23, B23 connections
Max 150 plates *) Includes 2 feet. The feet are assembled together in a U-shape. Mounted on the plate package. *) Have to be ordered together with 162965501	S	162965502	56.2	1.7	Fits ONLY B23, B23 connections
Rigid foot					
Rigid foot	S	3456544501	202	3.8	Includes two feet. Note that the unit must be ordered with stud bolts.
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 30 plates	S	3236000901	173	1.3	
Insulation type A: Max 60 plates	S	3236000902	181	1.7	
Insulation type A: Max 90 plates	S	3236000903	190	2.1	
Insulation type A: Max 120 plates	S	3236000904	198	2.6	
Insulation type A: Max 150 plates	S	3236000905	207	2.9	

S = Stock unit

Parts & Service



Cleaning In Place

Cleanliness, or lack of fouling and scaling is dependent on the media passing through and how well and frequently the unit is cleaned. A Cleaning-In-Place (CIP) unit can be used when cleaning the unit. Depending on what one expects to find as restraint in the unit one uses different kind of CIP chemicals in order to remove oil and other deposits.

Please note that it is important to follow the procedures and instructions that Alfa Laval has issued when cleaning the heat exchanger; the brazed-, welded-, semi-welded- as well as the gasketed heat exchanger.

CIP modules

Model	Article no.	Weight (kg)	Price
CIP 20 230V/50 Hz	3284000501	8	1256
CIP 40 230V/50 Hz	3284000001	15	3688
CIP 40 110V/60 Hz	3284043601	15	4008
CIP 200L 380-415V/50 Hz	969951-00	145	18616
CIP 200L 440-480V/60 Hz	969951-01	145	18616
CIP 200LT Steam	969951-06	145	35576
CIP 200L 380-415V/50 Hz	969951-10	145	17954
CIP 200L 440-480V/60 Hz	969951-11	145	17954
CIP 400L 380-415V/60 Hz	969952-00	235	26464
CIP 400L 440-480V/60 Hz	969952-01	235	26464
CIP 800L 380-415V/50 Hz	969953-00	500	30367
CIP 800L 440-480V/60 Hz	969953-01	500	29761
CIP 800L 380-415V/50 Hz	969953-10	500	32506
CIP 800L 440-480V/60 Hz	969953-11	500	32506
CIP 1800L 380-415V/50 Hz	969954-00	644	41746
CIP 1800L 440-480V/60 Hz	969954-01	644	41746
CIP 1800L 380-415V/50 Hz	969954-10	644	46925
CIP 1800L 440-480V/60 Hz	969954-11	644	46925
CIP 2800L 380-415V/50 Hz	969955-00	788	54717
CIP 2800L 440-480V/60 Hz	969955-01	788	54717

Cleaning chemicals

Model	Article no.	Weight / Volume	Price
Alfa Add	3284001902	5 l	205
Alfa Caus	3180126126	20 l	156
Alfa Neutra	3180126124	20 l	103
Alfa Phos	3180126125	20 l	240
Alfa P-Neutra (powder, 5x0.3 kg bags/pcs, min. qty 42 pcs)	3284000601	5 x 0.3 kg	40
Alfa P-Scale (powder, 5x1 kg bags/pcs, min. qty 17 pcs)	3284000602	5 x 1 kg	96
Alpacon Descalant (To be ordered from DC TUMBA)	179640413	25 l	207
Alpacon Degreaser (To be ordered from DC TUMBA)	179640514	25 l	193

Technical specification standard CIP units

	CIP20	CIP 40	CIP 200 / 400	CIP 800 / 1800 / 2800
Tank volume in liters	20	40	200 / 400	800 / 1800 / 2800
Pump	Rotor	Rotor	Centrifugal	Centrifugal
Flow rate at 3 mwc	1.1 m³/h	2.1 m³/h	10 m³/h	40 m³/h
Electrical heater	n/a	n/a	6 kW alt 12 kW	12 kW
Connection	R 3/4"	R 3/4"	DIN 11851, DN 65	DIN 11851, DN 65
Length of hose	Approx. 2 m	Approx. 2 m	4 m	4 m
Voltage	230V/50 Hz	230V/50 Hz 110V/60 Hz	380-415V/50 Hz 440-480V/60 Hz	380-415V/50 Hz 440-480V/60 Hz
Max. operating temp.	60°C	60°C	70°C	70°C
Material	Polymer	Polymer	SS	SS
Weight empty	8 kg	15 kg	145 / 235 kg	500 / 644 / 788 kg
Size (W X L X H) mm	250 x 500 x 350	320 x 730 x 530	1550 x 475 x 1025	1735 x 2160 x 1260

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 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

Scan to learn more about Alfa Laval refrigeration solutions and find a distributor near you. Or you can always get up-to-date Alfa Laval contact details for all countries at www.alfalaval.com/contact-us

Alfa Laval Industrial Equipment Segment Market Unit Fluids & Utility



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