



Pricelist Fluids and Utility Equipment – 2015

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



General Industry and Oil Cooling Equipment 2015

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Dear customer,

This price list is valid from 01.01.2015 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 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 access 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



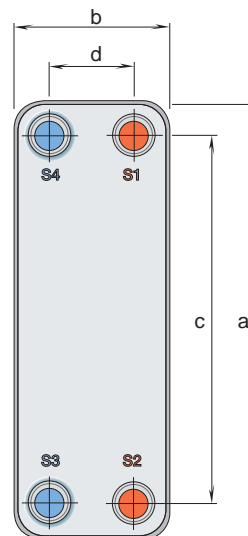
CB200 / CBH200



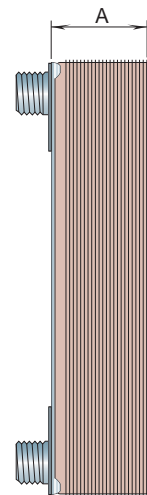
CB300 / CBH300



CB400



Measurement instruction





Technical specifications

Brazed 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	175/-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) (m³/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) *	32/32	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) (m³/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 plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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

Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
HEAT EXCHANGER						Insulation type B	
Connections: ISO G 3/4" externally threaded, length 20 mm							
H-channels (Z31, Z31)							
CBH16-9H	S	3287087068	194	45 X 74 X 210	0.9	3456119701	34.3
CBH16-13H	S	3287087069	232	54 X 74 X 210	1.1	3456119701	34.3
CBH16-17H	S	3287087071	268	62 X 74 X 210	1.2	3456119701	34.3
CBH16-25H	S	3287087072	342	80 X 74 X 210	1.6	3456119702	36.4
CBH16-35H	S	3287087073	435	101 X 74 X 210	2.0	3456119702	36.4
CBH16-41H	S	3287087074	491	114 X 74 X 210	2.2	3456119702	36.4
A-channels (Z31, Z31)							
CBH16-9A	S	3287087082	194	45 X 74 X 210	0.9	3456119701	34.3
CBH16-13A	S	3287087081	232	54 X 74 X 210	1.1	3456119701	34.3
CBH16-17A	S	3287087080	268	62 X 74 X 210	1.2	3456119701	34.3
CBH16-25A	S	3287087077	342	80 X 74 X 210	1.6	3456119702	36.4
CBH16-35A	S	3287087076	435	101 X 74 X 210	2.0	3456119702	36.4
CBH16-41A	S	3287087075	491	114 X 74 X 210	2.2	3456119702	36.4
Economy pack							
Connections: ISO G 3/4" externally threaded, length 20 mm (Z31, Z31)							
CBH16-13H (82 units/box)	S	3287103312	14263	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.			
CBH16-17H (64 units/box)	S	3287103313	12879				
CBH16-25H (52 units/box)	S	3287103314	13344				
CBH16-35H (59 units/box)	S	3287131519	19236				

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN15 3/4"; Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456632401	20.8	0.1	Welding type. Fits Z31
DN15 3/4"; Pipe: CS; Nut: CS. Gasket included, include 50 pcs	S	3456632402	459	3.0	
15 mm 3/4"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included, include 2 pcs	S	3456634601	33.5	0.2	Soldering type. Fits Z31
Extra gasket fitting for 3/4" couplings. include 2 pcs	S	3456636101	2.1	0.02	
Couplings					
ADITEG 3/4" / DN20 coupling (Brass) include 2 pcs	S	3456643701	25	0.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020425	114	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	34.3	0.2	81 X 120 X 248
Insulation type B: Max 45 plates	S	3456119702	36.4	0.3	142 X 120 X 248

S = Stock unit



CBH18

The plate heat exchangers are quality secured according to DIN ISO9001 certif cate. 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)	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 3/4" externally threaded, length 20 mm							
H-channels (Z31, Z31)							
CBH18-15H	S	3287101627	288	58 X 74 X 316	1.5	164394701	126
CBH18-23H	S	3287101628	361	75 X 74 X 316	2.1	164394702	130
CBH18-29H	S	3287095932	412	88 X 74 X 316	2.4	164394702	130
CBH18-39H	S	3287101629	499	110 X 74 X 316	3.1	164394702	130
CBH18-47H	S	3287101630	586	127 X 74 X 316	3.6	164394703	136
A-channels (Z31, Z31)							
CBH18-15A	S	3287101703	288	58 X 74 X 316	1.5	164394701	126
CBH18-23A	S	3287101704	361	75 X 74 X 316	2.1	164394702	130
CBH18-29A	S	3287095933	412	88 X 74 X 316	2.4	164394702	130
CBH18-39A	S	3287101705	499	110 X 74 X 316	3.1	164394702	130
CBH18-47A	S	3287101732	586	127 X 74 X 316	3.6	164394703	136
Economy pack							
Connections: ISO G 3/4" externally threaded, length 20 mm (Z31, Z31)							
CBH18-23H (51 units/box)	S	3287131525	13803				
CBH18-29H (93 units/box)	S	3287108420	28725				
CBH18-39H (69 units/box)	S	3287108421	25833				

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN15 3/4"; Pipe: CS; Nut: CS. Gasket included include 2 pcs	S	3456632401	20.8	0.1	Welding type. Fits Z31
DN15 3/4"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632402	459	3.0	
15 mm 3/4"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included DN15 3/4"; Pipe: CS; Nut: CS. Gasket included include 2 pcs	S	3456634601	33.5	0.2	Soldering type. Fits Z31
Extra gasket fitting for 3/4" couplings include 2 pcs	S	3456636101	2.1	0.02	
Couplings					
ADITEG 3/4" / DN20 coupling (Brass) include 2 pcs	S	3456643701	25	0.25	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 20 plates	S	164394701	126	0.08	
Insulation type A: Max 40 plates	S	164394702	130	0.09	
Insulation type A: Max 60 plates	S	164394703	136	1.0	
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 20 plates	S	3456213801	33.3	0.1	
Insulation type B: Max 40 plates	S	3456213802	36.4	0.2	

S = Stock unit



CB20

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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	175
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	306	49 X 94 X 324	2.1	164394701	126
CB20-18H	S	3287000013	369	58 X 94 X 324	2.6	164394701	126
CB20-24H	S	3287000014	436	67 X 94 X 324	3.1	164394701	126
CB20-30H	S	3287000015	500	76 X 94 X 324	3.6	164394701	126
CB20-40H	S	3287000016	607	91 X 94 X 324	4.4	164394702	130
CB20-50H	S	3287000017	712	106 X 94 X 324	5.2	164394702	130
CB20-60H	S	3287000018	820	121 X 94 X 324	6.0	164394702	130
CB20-80H	S	3287000019	1038	151 X 94 X 324	7.6	164394703	136
CB20-110H	S	3287000021	1358	196 X 94 X 324	10.0	164394704	140

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	0.32	Welding type. Fits B21, V22
DN20 1"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632202	562	8.0	
DN25 1"; Pipe: CS; Nut: CS. Gasket included include 2 pcs	S	3456632701	27	0.32	Welding type
DN25 1"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632702	608	8.0	
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456634501	36.4	0.24	Soldering type. Fits B21, V22
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 50 pcs	S	3456634502	820	6.0	
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456644001	77	0.6	Soldering type
Extra gasket fitting for 1" couplings include 2 pcs	S	3456636001	2.7	0.02	Fits B21, V22
Extra gasket fitting for 1" couplings include 50 pcs	S	3456636002	61.4		Fits B21, V22
Couplings					
ADITEG 1" / DN25 coupling (Brass) include 2 pcs	S	3456643601	33.3	0.37	
Floor stand					
Floor stand	S	164428901	78	0.7	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 30 plates	S	164394701	126	0.8	113 X 157 X 384
Insulation type A: Max 60 plates	S	164394702	130	0.9	158 X 157 X 384
Insulation type A: Max 90 plates	S	164394703	136	1.0	203 X 157 X 384
Insulation type A: Max 120 plates	S	164394704	140	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	33.3	0.1	100 X 137 X 366
Insulation type B: Max 60 plates	S	3456213802	36.4	0.2	145 X 137 X 366

S = Stock unit



CB30

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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	366	81 X 113 X 313	3.5	3236000881	132
CB30-18H	S	3287083287	452	100 X 113 X 313	4.4	3236000881	132
CB30-24H	S	3287083286	517	113 X 113 X 313	5.1	3236000882	134
CB30-34H	S	3287083363	618	137 X 113 X 313	6.2	3236000882	134
CB30-50H	S	3287083364	786	174 X 113 X 313	8.0	3236000883	136
CB30-70H	S	3287083365	991	220 X 113 X 313	10.2	3236000884	139
CB30-100H	S	3287083366	1303	289 X 113 X 313	13.7	3236000885	142
CB30-120H	S	3287083367	1510	335 X 113 X 313	15.9	3236000886	146
M-channels (V22, V24)							
CB30-10M	S	3287083368	366	81 X 113 X 313	3.5	3236000881	132
CB30-18M	S	3287083369	452	100 X 113 X 313	4.4	3236000881	132
CB30-24M	S	3287083370	517	113 X 113 X 313	5.1	3236000882	134
CB30-34M	S	3287083371	618	137 X 113 X 313	6.2	3236000882	134
CB30-50M	S	3287083372	786	174 X 113 X 313	8.0	3236000883	136
CB30-70M	S	3287083373	991	220 X 113 X 313	10.2	3236000884	139
CB30-100M	S	3287083374	1303	289 X 113 X 313	13.7	3236000885	142
L-channels (V22, V24)							
CB30-10L	S	3287083377	366	81 X 113 X 313	3.5	3236000881	132
CB30-18L	S	3287083378	452	100 X 113 X 313	4.4	3236000881	132
CB30-24L	S	3287083379	517	113 X 113 X 313	5.1	3236000882	134
CB30-34L	S	3287083380	618	137 X 113 X 313	6.2	3236000882	134
CB30-50L	S	3287083381	786	174 X 113 X 313	8.0	3236000883	136
Connections: ISO G 1" externally threaded, length 45 mm (V22, V22)							
CB30-10H	S	3287082389	363	81 X 113 X 313	3.4	3236000881	132
CB30-18H	S	3287083385	449	100 X 113 X 313	4.3	3236000881	132
CB30-24H	S	3287083386	515	113 X 113 X 313	5.0	3236000882	134
CB30-34H	S	3287083387	615	137 X 113 X 313	6.1	3236000882	134
CB30-50H	S	3287083388	784	174 X 113 X 313	7.8	3236000883	136
CB30-60H	S	3287083294	889	197 X 113 X 313	8.9	3236000883	136
Two pass - Six connections pre/post heater design (V22, V24)							
CB30-50H	S	3287084064	962	211 X 113 X 313	8.3	3236000883	136
CB30-70H	S	3287084065	1314	257 X 113 X 313	10.5	3236000884	139
CB30-100H	S	3287084066	1596	326 X 113 X 313	14.0	3236000885	142
CB30-120H	S	3287084067	1852	372 X 113 X 313	16.2	3236000886	146

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	0.3	Fits V22. Welding type
DN20 1"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632202	562	8.0	
DN25 1"; Pipe: CS; Nut: CS. Gasket included include 2 pcs	S	3456632701	27	0.3	Welding type
DN25 1"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632702	608	8.0	
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456634501	36.4	0.2	Fits V22. Soldering type
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 50 pcs	S	3456634502	820	6.0	
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456644001	77	0.6	Soldering type
DN25 1¼"; Pipe: CS; Nut: CS. Gasket included include 2 pcs	S	3456631901	34.3	0.4	Fits V24. Welding type
DN25 1¼"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456631902	773	10.8	
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456632101	45.8	0.4	Fits V24. Soldering type
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 50 pcs	S	3456632102	1030	10.8	
DN32 1¼"; Pipe: CS; Nut: CS. Gasket included include 2 pcs	S	3456632601	58.2	0.4	Fits V24. Welding type
DN32 1¼"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632602	1310	10.8	
Extra gasket fitting for 1" couplings include 2 pcs	S	3456636001	2.7	0.02	Fits B21, V22
Extra gasket fitting for 1" couplings include 50 pcs	S	3456636002	61.4	0.1	Fits B21, V22
Extra gasket fitting for 1¼" couplings include 2 pcs	S	3456635901	3.3	0.02	Fits V24
Couplings					
ADITEG 1" / DN25 coupling (Brass) include 2 pcs	S	3456643601	33.3	0.4	
ADITEG 1¼" / DN32 coupling (Brass) include 2 pcs	S	3456643801	45.8	0.5	
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	192	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 100 plates	S	3456089802	208	4.3	
Adjustable foot Max 150 plates	S	3456089803	208	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020426	119	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	67.6	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	38.5	0.6	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 20 plates	S	3236000881	132	0.7	112 X 182 X 360
Insulation type A: Max 40 plates	S	3236000882	134	0.8	160 X 182 X 360
Insulation type A: Max 60 plates	S	3236000883	136	0.9	209 X 182 X 360
Insulation type A: Max 80 plates	S	3236000884	139	1.0	257 X 182 X 360
Insulation type A: Max 100 plates	S	3236000885	142	1.2	304 X 182 X 360
Insulation type A: Max 120 plates	S	3236000886	146	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	33.3	0.2	113 X 156 X 354
Insulation type B: Max 50 plates	S	3456104602	35.4	0.2	173 X 156 X 354
Insulation type B: Max 100 plates	S	3456104603	38.5	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	58.2	0.1	
Insulation type P: Max 24 plates	S	3456213902	60.3	0.2	
Insulation type P: Max 34 plates	S	3456213903	62.4	0.2	
Insulation type P: Max 50 plates	S	3456213905	66.6	0.2	
Insulation type P: Max 70 plates	S	3456213907	71.8	0.3	
Insulation type P: Max 100 plates	S	3456213908	79	0.4	

S = Stock unit



CB60

The 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	457	81 X 113 X 527	5.0	3236000891	140
CB60-20H	S	3287079642	629	104 X 113 X 527	6.8	3236000891	140
CB60-30H	S	3287079643	803	128 X 113 X 527	8.5	3236000892	148
CB60-40H	S	3287079644	978	151 X 113 X 527	10.3	3236000892	148
CB60-50H	S	3287079645	1151	174 X 113 X 527	12.1	3236000893	151
CB60-60H	S	3287079646	1322	197 X 113 X 527	13.8	3236000893	151
CB60-80H	S	3287079647	1666	244 X 113 X 527	17.3	3236000894	155
CB60-100H	S	3287079648	2011	290 X 113 X 527	21.1	3236000895	158
Connections: ISO G 1" externally threaded, length 45 mm (V22, V22)							
CB60-20H	S	3287079650	627	104 X 113 X 527	6.7	3236000891	140
CB60-30H	S	3287079651	801	128 X 113 X 527	8.4	3236000892	148
CB60-40H	S	3287079652	973	151 X 113 X 527	10.2	3236000892	148
Two pass (V22, V22) (2,2)							
CB60-30H	S	3287079665	982	165 X 113 X 527	8.4	3236000892	148
CB60-40H	S	3287079666	1170	188 X 113 X 527	10.2	3236000892	148
CB60-60H	S	3287079667	1548	234 X 113 X 527	13.7	3236000893	151
M-channels (V22, V24)							
CB60-20M	S	3287101477	629	104 X 113 X 527	6.8	3236000891	140
CB60-30M	S	3287101478	803	128 X 113 X 527	8.5	3236000892	148
CB60-40M	S	3287101479	978	151 X 113 X 527	10.3	3236000892	148
CB60-50M	S	3287101480	1151	174 X 113 X 527	12.1	3236000893	151
CB60-60M	S	3287101481	1321	197 X 113 X 527	13.8	3236000894	155
CB60-80M	S	3287101482	1666	244 X 113 X 527	17.3	3236000894	155
CB60-100M	S	3287101483	2011	290 X 113 X 527	21.1	3236000895	158
L-channels (V22, V24)							
CB60-20L	S	3287101486	629	104 X 113 X 527	6.8	3236000891	140
CB60-30L	S	3287101487	803	128 X 113 X 527	8.5	3236000892	148
CB60-40L	S	3287101488	979	151 X 113 X 527	10.3	3236000892	148
CB60-50L	S	3287101489	1151	174 X 113 X 527	12.1	3236000893	151
CB60-60L	S	3287101490	1321	197 X 113 X 527	13.8	3236000894	155
CB60-80L	S	3287101491	1666	244 X 113 X 527	17.3	3236000894	155
CB60-100L	S	3287101492	2011	290 X 113 X 527	21.1	3236000895	158
Connections: ISO G 1" externally threaded, length 45 mm							
Two pass (V22, V24) (2,2)							
CB60-40L	S	3287109036	1288	188 X 113 X 527	10.7	3236000892	148
CB60-52L	S	3287109037	1516	216 X 113 X 527	12.8	3236000893	151
CB60-64L	S	3287109038	1750	243 X 113 X 527	14.9	3236000894	155
CB60-80L	S	3287108491	2063	281 X 113 X 527	18.0	3236000894	155
CB60-100L	S	3287108922	2454	327 X 113 X 527	21.5	3236000895	158

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	0.3	Fits V22. Welding type
DN20 1"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632202	562	8.0	
DN25 1"; Pipe: CS; Nut: CS. Gasket included include 2 pcs	S	3456632701	27	0.3	Welding type
DN25 1"; Pipe: CS; Nut: CS. Gasket included include 50 pcs	S	3456632702	608	8.0	
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456634501	36.4	0.2	Fits V22. Soldering type
22 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 50 pcs	S	3456634502	820	6.0	
28 mm & 35 mm 1"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456644001	77	0.6	Soldering type
DN25 1¼"; Pipe & Nut: CS; Gasket included include 2 pcs	S	3456631901	34.3	0.4	Fits V24. Welding type
DN25 1¼"; Pipe & Nut: CS; Gasket included include 50 pcs	S	3456631902	773	10.8	
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456632101	45.8	0.4	Fits V24. Soldering type
28 mm 1¼"; Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 50 pcs	S	3456632102	1030	10.8	
DN32 1¼"; Pipe & Nut: CS; Gasket included include 2 pcs	S	3456632601	58.2	0.4	Fits V24. Welding type
DN32 1¼"; Pipe & Nut: CS; Gasket included include 50 pcs	S	3456632602	1310	10.8	
Extra gasket fitting for 1" couplings include 2 pcs	S	3456636001	2.7	0.02	Fits B21, V22
Extra gasket fitting for 1" couplings include 50 pcs	S	3456636002	61.4	0.1	Fits V24
Extra gasket fitting for 1¼" couplings include 2 pcs	S	3456635901	3.3	0.02	
Couplings					
ADITEG 1" / DN25 coupling (Brass) include 2 pcs	S	3456643601	33.3	0.4	
ADITEC 1¼" / DN32 coupling (Brass) include 2 pcs	S	3456643801	45.8	0.5	
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	192	4.3	
Adjustable foot Max 100 plates	S	3456089802	208	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 150 plates	S	3456089803	208	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020427	129	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	67.6	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	38.5	0.6	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 20 plates	S	3236000891	140	0.8	112 X 182 X 588
Insulation type A: Max 40 plates	S	3236000892	148	1.0	160 X 182 X 588
Insulation type A: Max 60 plates	S	3236000893	151	1.3	210 X 182 X 588
Insulation type A: Max 80 plates	S	3236000894	155	1.5	257 X 182 X 588
Insulation type A: Max 100 plates	S	3236000895	158	1.7	304 X 182 X 588
Insulation type A: Max 120 plates	S	3236000896	161	2.0	352 X 182 X 588
Insulation type A: Max 150 plates	S	3236000897	167	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	41.6	0.3	125 X 256 X 570
Insulation type B: Max 60 plates	S	3456104702	59.3	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	72.8	0.3	
Insulation type P: Max 34 plates	S	3456214102	77	0.3	
Insulation type P: Max 40 plates	S	3456214103	80.1	0.4	
Insulation type P: Max 50 plates	S	3456214104	83.2	0.4	
Insulation type P: Max 60 plates	S	3456214105	86.3	0.4	
Insulation type P: Max 80 plates	S	3456214107	92.6	0.5	

S = Stock unit



CB110

The plate heat exchangers are quality secured according to DIN ISO9001 certif cate. 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	30 / 30

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	1432	104 X 191 X 616	14.0	3236000901	170
CB110-20H	S	3287101554	1637	114 X 191 X 616	15.3	3236000901	170
CB110-24H	S	3287101555	1803	124 X 191 X 616	16.6	3236000901	170
CB110-30H	S	3287101556	2142	140 X 191 X 616	18.5	3236000901	170
CB110-38H	S	3287101557	2503	160 X 191 X 616	21.4	3236000902	178
CB110-46H	S	3287101558	3011	181 X 191 X 616	24.0	3236000902	178
CB110-54H	S	3287101559	3287	201 X 191 X 616	26.6	3236000902	178
CB110-64H	S	3287101560	3610	227 X 191 X 616	29.8	3236000903	186
CB110-76H	S	3287101561	4028	258 X 191 X 616	33.7	3236000903	186
CB110-90H	S	3287101562	4709	293 X 191 X 616	38.2	3236000903	186
CB110-120H	S	3287101563	6181	370 X 191 X 616	47.9	3236000904	194
Connections: ISO G 2" externally threaded, length 48 mm							
M-channels (B23, B23)							
CB110-16M	S	3287101587	1432	104 X 191 X 616	14.0	3236000901	170
CB110-20M	S	3287101588	1637	114 X 191 X 616	15.3	3236000901	170
CB110-24M	S	3287101589	1803	124 X 191 X 616	16.6	3236000901	170
CB110-30M	S	3287101590	2142	140 X 191 X 616	18.5	3236000901	170
CB110-38M	S	3287101591	2503	160 X 191 X 616	21.4	3236000902	178
CB110-46M	S	3287101592	3011	181 X 191 X 616	24.0	3236000902	178
CB110-54M	S	3287101593	3287	201 X 191 X 616	26.6	3236000902	178
CB110-64M	S	3287101594	3610	227 X 191 X 616	29.8	3236000903	186
L-channels (B23, B23)							
CB110-16L	S	3287101598	1432	104 X 191 X 616	14.0	3236000901	170
CB110-20L	S	3287101599	1637	114 X 191 X 616	15.3	3236000901	170
CB110-24L	S	3287101600	1803	124 X 191 X 616	16.6	3236000901	170
CB110-30L	S	3287101601	2142	140 X 191 X 616	18.5	3236000901	170
CB110-38L	S	3287101602	2503	160 X 191 X 616	21.4	3236000902	178
CB110-46L	S	3287101603	3011	181 X 191 X 616	24.0	3236000902	178
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)							
CB110-54H	S	3287101740	3306	201 X 191 X 616	26.9	3236000902	178
CB110-70H	S	3287101741	4037	242 X 191 X 616	32.0	3236000903	186
CB110-82H	S	3287101743	4397	273 X 191 X 616	35.9	3236000903	186
M-channels (B23, O4)							
CB110-38M	S	3287101748	2570	160 X 191 X 616	21.7	3236000902	178
CB110-54M	S	3287101749	3306	201 X 191 X 616	26.9	3236000902	178
CB110-70M	S	3287101750	4037	242 X 191 X 616	32.0	3236000903	186
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	1510	104 X 191 X 616	14.1	3236000901	170
CB110-20L	S	3287101752	1713	114 X 191 X 616	15.4	3236000901	170
CB110-38L	S	3287101755	2592	160 X 191 X 616	21.5	3236000902	178
CB110-54L	S	3287101757	3306	201 X 191 X 616	26.7	3236000902	178
CB110-76L	S	3287101759	4076	258 X 191 X 616	33.8	3236000903	186

S = Stock unit



CB112

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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						Insulation type A	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
L-channels (B23, B23)							
CB112-54L	S	3287108581	3287	176 X 191 X 616	28.0	3236000902	178
CB112-72L	S	3287108583	4024	213 X 191 X 616	34.2	3236000902	178
Two pass - Six connections pre/post heater design (B23, B23) (2.2)							
CB112-30L	S	3287119176	2375	164 X 191 X 616	20.3		
CB112-46L	S	3287119177	3101	197 X 191 X 616	25.9		
CB112-64L	S	3287119178	3918	234 X 191 X 616	32.2		
CB112-76L	S	3287119179	4462	259 X 191 X 616	36.4		
CB112-90L	S	3287119180	5097	288 X 191 X 616	41.3		
CB112-120L	S	3287119181	6457	350 X 191 X 616	51.8		
AM-channels (B23, B23) Asymmetrical channels							
CB112-38AM	S	3287101509	2503	142 X 191 X 616	22.1	3236000901	170
CB112-46AM	S	3287101510	3011	159 X 191 X 616	25.1	3236000902	178
CB112-54AM	S	3287101515	3287	175 X 191 X 616	28	3236000902	178
CB112-62AM	S	3287101511	3610	192 X 191 X 616	30.7	3236000902	178
CB112-72AM	S	3287101516	4024	212 X 191 X 616	34.3	3236000902	178

S = Stock unit

CB110 / CB112 Extras

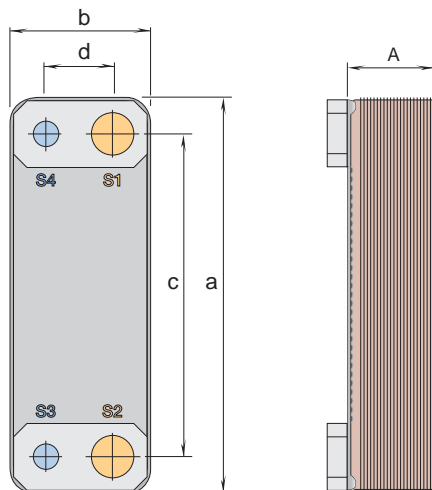
EXTRAS		Article no.	Price	Weight kg/unit	Comment / Dimensions
Screw fittings					
DN50 2" Pipe & Nut: CS Gasket included include 2 pcs	S	3456631601	66.6	1.1	Fits B23. Welding type
DN50 2" Pipe & Nut: CS Gasket included include 30 pcs	S	3456631602	904	15.8	
DN50 2½" Pipe & Nut: CS Gasket included include 2 pcs	S	3456639501	137	1.3	Fits O4. Welding type
DN65 2½" Pipe & Nut: CS Gasket included include 2 pcs	S	3456634801	200	1.3	Fits O4
DN40 2" Pipe & Nut: CS Gasket included include 2 pcs	S	3456632501	74.9	1.1	Fits B23. Welding type
DN40 2" Pipe & Nut: CS Gasket included include 30 pcs	S	3456632502	1011	15.8	
42 mm. Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456634401	125	0.8	Fits B23. Soldering type
54 mm. Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456631801	135	0.9	Fits B23. Soldering type
Gasket for 2" fitting include 2 pcs	S	3456639901	5	0.02	Fits B23
Gasket for 2" fitting include 50 pcs	S	3456639902	112	0.2	Fits B23
Gasket for 2½" fitting include 2 pcs	S	3456640001	5	0.02	Fits O4
Couplings					
ADITEG 2" / DN50 Couplings (Brass) include 2 pcs	S	3456643901	108	0.5	
Adjustable foot					
Adjustable foot Max 60 plates	S	3456090801	229	4.5	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 90 plates	S	3456090804	229	4.5	
Adjustable foot Max 120 plates	S	3456090802	229	4.5	
Adjustable foot Max 150 plates	S	3456090803	229	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	135	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	55.1	1.7	Fits ONLY B23,B23 connections
Rigid foot					
Rigid foot	S	3456544501	198	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	170	1.3	160 X 240 X 670
Insulation type A: Max 60 plates CB110 and Max 80 plates CB112	S	3236000902	178	1.7	247 X 240 X 670
Insulation type A: Max 90 plates CB110 and Max 120 plates CB112	S	3236000903	186	2.1	334 X 240 X 670
Insulation type A: Max 130 plates CB110 and Max 160 plates CB112	S	3236000904	194	2.6	421 X 240 X 670
Insulation type A: Max 160 plates CB110 and Max 200 plates CB112	S	3236000905	203	2.9	510 X 240 X 670

S = Stock unit

Brazed 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 access to the configuration tool please contact your local Alfa Laval sales representative.



Measurement instruction



Technical specifications

Brazed heat exchanger data and dimensions

	DOC16	DOC20	DOC30	DOC60
Channel type	H, A	H	H	H, L
Max./min. design temperature (°C)	225/-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) *	32/32	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)

Oil cooling range

DOC16 / CBH16

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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	32/32

* Pressure x Volume is too small for PED approval

HEAT EXCHANGER					
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"					
DOC16-10H	N	3287119817	234	52 X 74 X 210	1.2
DOC16-14H	N	3287118282	278	61 X 74 X 210	1.4
DOC16-18H	N	3287119818	319	69 X 74 X 210	1.6
DOC16-26H	N	3287119819	405	87 X 74 X 210	1.9
DOC16-36H	N	3287119820	511	108 X 74 X 210	2.3
DOC16-42H	N	3287119821	575	121 X 74 X 210	2.5
DOC16-10A	N	3287119978	234	52 X 74 X 210	1.2
DOC16-14A	S	3287119979	278	61 X 74 X 210	1.4
DOC16-18A	N	3287119980	319	69 X 74 X 210	1.6
DOC16-26A	S	3287119981	405	87 X 74 X 210	1.9
DOC16-36A	N	3287119982	511	108 X 74 X 210	2.3
DOC16-42A	N	3287119983	575	121 X 74 X 210	2.5
Connections: ISO G ½" HEX internally threaded, length 20 mm (C70, C70)					
H-channels					
CBH16-9H	N	3287121291	214	45 X 74 X 210	0.9
CBH16-13H	N	3287121292	255	54 X 74 X 210	1.0
CBH16-17H	N	3287121293	295	62 X 74 X 210	1.2
CBH16-25H	N	3287121294	376	80 X 74 X 210	1.5
CBH16-35H	N	3287121295	478	101 X 74 X 210	1.9
CBH16-41H	N	3287121296	540	114 X 74 X 210	2.1
A-channels					
CBH16-9A	N	3287121297	214	45 X 74 X 210	0.9
CBH16-13A	N	3287121298	255	54 X 74 X 210	1.0
CBH16-17A	N	3287121299	295	62 X 74 X 210	1.2
CBH16-25A	N	3287121301	376	80 X 74 X 210	1.5
CBH16-35A	N	3287121302	478	101 X 74 X 210	1.9
CBH16-41A	N	3287121304	540	114 X 74 X 210	2.1
Connections: ISO G ½" internally threaded, length 20 mm (Z69, Z69)					
H-channels					
CBH16-9H	N	3287118302	204	45 X 74 X 210	0.7
CBH16-13H	N	3287118303	243	54 X 74 X 210	0.8
CBH16-17H	N	3287118304	282	62 X 74 X 210	1.0
CBH16-25H	N	3287118305	359	80 X 74 X 210	1.3
CBH16-35H	N	3287118306	457	101 X 74 X 210	1.7
CBH16-41H	N	3287118307	516	114 X 74 X 210	1.9
A-channels					
CBH16-9A	N	3287112879	204	45 X 74 X 210	0.7
CBH16-13A	N	3287116628	243	54 X 74 X 210	0.8
CBH16-17A	N	3287120398	282	62 X 74 X 210	1.0
CBH16-25A	N	3287120399	359	80 X 74 X 210	1.3
CBH16-35A	N	3287120400	457	101 X 74 X 210	1.8
CBH16-41A	N	3287120401	516	114 X 74 X 210	2.1

S = Stock unit

N = Non stocked unit. Delivery time depending on volume and model. For accurate delivery time, please visit the Global Delivery Time list online. If no access to the web, application for registration to online tools or for additional questions, please contact your Alfa Laval sales representative.



DOC20 / CB20

The plate heat exchangers are quality secured according to DIN ISO9001 certifi cate. 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

* Pressure x Volume is too small for PED approval

HEAT EXCHANGER					
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"					
DOC20-12H	N	3287118433	352	51 X 94 X 324	2.5
DOC20-18H	N	3287077869	424	60 X 94 X 324	2.9
DOC20-20H	S	3287050746	496	63 X 94 X 324	3.1
DOC20-24H	N	3287118434	501	69 X 94 X 324	3.4
DOC20-30H	N	3287118435	575	78 X 94 X 324	3.9
DOC20-40H	S	3287050747	699	93 X 94 X 324	4.7
DOC20-50H	N	3287118436	820	108 X 94 X 324	5.5
DOC20-60H	N	3287050748	942	123 X 94 X 324	6.3
DOC20-80H	N	3287118437	1194	153 X 94 X 324	7.9
DOC20-90H	S	3287050749	1314	168 X 94 X 324	8.7
DOC20-110H	N	3287050750	1562	198 X 94 X 324	10.3
Connections: ISO G ¾" internally threaded, length 24 mm (C22, C22)					
CB20-12H	N	3287066059	321	49 X 94 X 324	2.1
CB20-18H	N	3287117385	388	58 X 94 X 324	2.6
CB20-24H	N	3287117386	458	67 X 94 X 324	3.1
CB20-30H	N	3287117387	525	76 X 94 X 324	3.5
CB20-40H	N	3287117388	638	91 X 94 X 324	4.3
CB20-50H	N	3287070049	748	106 X 94 X 324	5.1
CB20-60H	N	3287117390	860	121 X 94 X 324	5.9
CB20-80H	N	3287110852	1090	151 X 94 X 324	7.5
CB20-90H	N	3287068386	1199	166 X 94 X 324	8.4
CB20-110H	N	3287072181	1426	196 X 94 X 324	10.0

S = Stock unit

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DOC30 / CB30

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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

HEAT EXCHANGER					
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"					
DOC30-10H	N	3287083338	421	62 X 113 X 313	4.3
DOC30-18H	S	3287083340	520	81 X 113 X 313	5.2
DOC30-24H	S	3287083341	595	94 X 113 X 313	5.8
DOC30-34H	N	3287083345	710	118 X 113 X 313	6.9
DOC30-40H	N	3287120901	781	131 X 113 X 313	7.4
DOC30-50H	N	3287083347	904	155 X 113 X 313	8.7
DOC30-60H	N	3287120902	1021	178 X 113 X 313	9.7
DOC30-70H	S	3287083348	1140	201 X 113 X 313	10.9
DOC30-80H	N	3287121023	1256	224 X 113 X 313	11.9
DOC30-100H	N	3287083349	1499	270 X 113 X 313	14.3
Connections: ISO G 1" HEX internally threaded, length 24 mm (C71, C71)					
CB30-10H	N	3287089181	402	60 X 113 X 313	3.1
CB30-18H	N	3287099871	498	79 X 113 X 313	4.0
CB30-24H	N	3287099872	569	92 X 113 X 313	4.7
CB30-34H	N	3287099873	679	116 X 113 X 313	5.8
CB30-40H	N	3287089473	747	129 X 113 X 313	6.5
CB30-50H	N	3287089474	865	153 X 113 X 313	7.6
CB30-60H	N	3287089475	977	176 X 113 X 313	8.7
CB30-70H	N	3287089476	1090	199 X 113 X 313	9.8
CB30-80H	N	3287121246	1201	222 X 113 X 313	10.9
CB30-100H	N	3287089477	1433	268 X 113 X 313	13.1
CB30-120H	N	3287089478	1661	314 X 113 X 313	15.5
Connections: ISO G 1" internally threaded, length 24 mm (C21, C21)					
CB30-10H	N	3287117399	385	60 X 113 X 313	3.1
CB30-18H	N	3287109631	475	79 X 113 X 313	4.0
CB30-24H	N	3287117400	543	92 X 113 X 313	4.7
CB30-34H	N	3287089033	649	116 X 113 X 313	5.8
CB30-40H	N	3287097612	713	129 X 113 X 313	6.5
CB30-50H	N	3287091849	826	153 X 113 X 313	7.6
CB30-60H	N	3287121021	933	176 X 113 X 313	8.7
CB30-70H	N	3287093940	1041	199 X 113 X 313	9.8
CB30-80H	N	3287102579	1148	222 X 113 X 313	10.9
CB30-100H	N	3287102977	1369	268 X 113 X 313	13.1
CB30-120H	N	3287117401	1586	314 X 113 X 313	15.5

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DOC60 / CB60

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Flange: S1/S2 Oil: ISO G 1¼" S3/S4 Water: ISO G ¾"					
H-channels					
DOC60-10H	N	3287093906	525	62 X 113 X 527	5.6
DOC60-20H	S	3287079567	724	85 X 113 X 527	7.4
DOC60-30H	S	3287079568	924	109 X 113 X 527	9.1
DOC60-40H	N	3287079569	1124	132 X 113 X 527	10.9
DOC60-50H	S	3287079570	1324	155 X 113 X 527	12.7
DOC60-60H	S	3287079571	1520	178 X 113 X 527	14.4
DOC60-70H	S	3287079572	1814	201 X 113 X 527	16.2
DOC60-80H	S	3287079573	1916	225 X 113 X 527	17.9
DOC60-100H	N	3287098090	2313	271 X 113 X 527	21.5
DOC60-120H	N	3287119739	2710	317 X 113 X 527	25.2
L-channels					
DOC60-10L	N	3287119461	525	62 X 113 X 527	5.6
DOC60-20L	N	3287119462	724	85 X 113 X 527	7.4
DOC60-30L	N	3287119463	924	109 X 113 X 527	9.1
DOC60-40L	N	3287119464	1124	132 X 113 X 527	10.9
DOC60-50L	N	3287119465	1324	155 X 113 X 527	12.7
DOC60-60L	N	3287119466	1520	178 X 113 X 527	14.4
DOC60-80L	N	3287119467	1916	225 X 113 X 527	17.9
DOC60-100L	N	3287119468	2313	271 X 113 X 527	21.5
DOC60-120L	N	3287119734	2710	317 X 113 X 527	25.2
Connections: ISO G 1" HEX internally threaded, length 24 mm (C71, C71)					
H-channels					
CB60-10H	N	3287088909	502	60 X 113 X 527	4.6
CB60-20H	N	3287088910	693	83 X 113 X 527	6.4
CB60-30H	N	3287088911	883	107 X 113 X 527	8.2
CB60-40H	N	3287088912	1075	130 X 113 X 527	9.9
CB60-50H	N	3287088913	1267	153 X 113 X 527	11.7
CB60-60H	N	3287088914	1454	176 X 113 X 527	13.4
CB60-80H	N	3287088915	1832	223 X 113 X 527	17.0
CB60-100H	N	3287088916	2212	269 X 113 X 527	20.5
CB60-120H	N	9433287119738	2492	315 X 113 X 527	24.2
L-channels					
CB60-10L	N	3287119536	502	60 X 113 X 527	4.6
CB60-20L	N	3287119537	693	83 X 113 X 527	6.4
CB60-30L	N	3287119538	883	107 X 113 X 527	8.2
CB60-40L	N	3287119539	1075	130 X 113 X 527	9.9
CB60-50L	N	3287119540	1267	153 X 113 X 527	11.7
CB60-60L	N	3287119541	1454	176 X 113 X 527	13.4
CB60-80L	N	3287119542	1832	223 X 113 X 527	17.0
CB60-100L	N	3287119543	2212	269 X 113 X 527	20.5
CB60-120L	N	3287119735	2592	315 X 113 X 527	24.2

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DOC60 / CB60

The plate heat exchangers are quality secured according to DIN ISO9001 certifi cate. 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

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: ISO G 1" internally threaded, length 24 mm (C21, C21)					
H-channels					
CB60-10H	N	3287117402	479	60 X 113 X 527	4.6
CB60-20H	N	3287117403	660	83 X 113 X 527	6.4
CB60-30H	N	3287117404	843	107 X 113 X 527	8.2
CB60-40H	N	3287105430	1026	130 X 113 X 527	9.9
CB60-50H	N	3287105438	1208	153 X 113 X 527	11.7
CB60-60H	N	3287105439	1388	176 X 113 X 527	13.4
CB60-80H	N	3287117405	1749	223 X 113 X 527	17.0
CB60-100H	N	3287117406	2112	269 X 113 X 527	20.5
CB60-120H	N	3287119737	2475	315 X 113 X 527	24.2
L-channels					
CB60-10L	N	3287119544	479	60 X 113 X 527	4.6
CB60-20L	N	3287119545	660	83 X 113 X 527	6.4
CB60-30L	N	3287119546	843	107 X 113 X 527	8.2
CB60-40L	N	3287114332	1026	130 X 113 X 527	9.9
CB60-50L	N	3287119547	1208	153 X 113 X 527	11.7
CB60-60L	N	3287119548	1388	176 X 113 X 527	13.4
CB60-80L	N	3287119549	1749	223 X 113 X 527	17.0
CB60-100L	N	3287119550	2112	269 X 113 X 527	20.5
CB60-100L	N	3287119736	2475	315 X 113 X 527	24.2

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DOC110 / CB110

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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

HEAT EXCHANGER					
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					
DOC110-16H	N	3287118363	1647	82 X 191 X 616	17.4
DOC110-20H	N	3287117493	1882	92 X 191 X 616	18.7
DOC110-24H	S	3287117494	2074	102 X 191 X 616	20.0
DOC110-30H	N	3287117495	2464	118 X 191 X 616	22.0
DOC110-38H	S	3287117496	2879	138 X 191 X 616	24.5
DOC110-46H	N	3287118448	3462	159 X 191 X 616	27.4
DOC110-54H	S	3287117497	3780	179 X 191 X 616	30.0
DOC110-64H	N	3287118449	4152	205 X 191 X 616	33.2
DOC110-76H	N	3287118450	4632	236 X 191 X 616	37.1
DOC110-90H	N	3287118451	5415	271 X 191 X 616	41.6
DOC110-100H	N	3287117586	5980	297 X 191 X 616	44.9
DOC110-120H	N	3287117587	7107	348 X 191 X 616	51.3
M-channels					
DOC110-16M	N	3287120904	1647	82 X 191 X 616	17.4
DOC110-20M	N	3287120905	1882	92 X 191 X 616	18.7
DOC110-24M	N	3287120906	2074	102 X 191 X 616	20.0
DOC110-30M	S	3287120907	2464	118 X 191 X 616	22.0
DOC110-38M	N	3287120908	2879	138 X 191 X 616	24.5
DOC110-46M	S	3287120909	3462	159 X 191 X 616	27.4
DOC110-54M	N	3287120910	3780	179 X 191 X 616	30.0
DOC110-64M	S	3287120911	4152	205 X 191 X 616	33.2
DOC110-76M	N	3287120912	4632	236 X 191 X 616	37.1
DOC110-90M	N	3287120913	5415	271 X 191 X 616	41.6
DOC110-100M	N	3287120914	5980	297 X 191 X 616	44.9
DOC110-120M	N	3287120915	7107	348 X 191 X 616	51.3
L-channels					
DOC110-16L	N	3287120918	1647	82 X 191 X 616	17.4
DOC110-20L	N	3287120919	1882	92 X 191 X 616	18.7
DOC110-24L	N	3287120921	2074	102 X 191 X 616	20.0
DOC110-30L	S	3287120922	2464	118 X 191 X 616	22.0
DOC110-38L	N	3287120923	2879	138 X 191 X 616	24.5
DOC110-46L	S	3287120924	3462	159 X 191 X 616	27.4
DOC110-54L	N	3287120925	3780	179 X 191 X 616	30.0
DOC110-64L	S	3287120926	4152	205 X 191 X 616	33.2
DOC110-76L	N	3287120927	4632	236 X 191 X 616	37.1
DOC110-90L	N	3287120928	5415	271 X 191 X 616	41.6
DOC110-100L	N	3287120929	5980	297 X 191 X 616	44.9
DOC110-120L	N	3287120930	7107	348 X 191 X 616	51.3

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DOC110 / CB110

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: ISO G 1½" HEX internally threaded, length 24 mm (C72, C72)					
H-channels					
CB110-16H	N	3287117656	1576	80 X 191 X 616	13.9
CB110-20H	N	3287117657	1800	90 X 191 X 616	15.3
CB110-24H	N	3287117658	1983	100 X 191 X 616	16.6
CB110-30H	N	3287117659	2357	116 X 191 X 616	18.7
CB110-38H	N	3287117660	2754	136 X 191 X 616	21.5
CB110-46H	N	3287117661	3312	157 X 191 X 616	24.6
CB110-54H	N	3287117662	3616	177 X 191 X 616	27.4
CB110-64H	N	3287117663	3971	203 X 191 X 616	30.9
CB110-76H	N	3287117664	4430	234 X 191 X 616	35.1
CB110-90H	N	3287117665	5180	269 X 191 X 616	40.0
CB110-100H	N	3287119740	5720	295 X 191 X 616	43.4
CB110-120H	N	3287117666	6798	346 X 191 X 616	50.4
M-channels					
CB110-16M	N	3287120931	1576	80 X 191 X 616	13.9
CB110-20M	N	3287120933	1800	90 X 191 X 616	15.3
CB110-24M	N	3287120934	1983	100 X 191 X 616	16.6
CB110-30M	N	3287120935	2357	116 X 191 X 616	18.7
CB110-38M	N	3287120936	2754	136 X 191 X 616	21.5
CB110-46M	N	3287120937	3312	157 X 191 X 616	24.6
CB110-54M	N	3287120938	3616	177 X 191 X 616	27.4
CB110-64M	N	3287120939	3971	203 X 191 X 616	30.9
CB110-76M	N	3287120940	4430	234 X 191 X 616	35.1
CB110-90M	N	3287120941	5180	269 X 191 X 616	40.0
CB110-100M	N	3287120942	5720	295 X 191 X 616	43.4
CB110-120M	N	3287120943	6798	346 X 191 X 616	50.4
L-channels					
CB110-16L	N	3287120944	1576	80 X 191 X 616	13.9
CB110-20L	N	3287120945	1800	90 X 191 X 616	15.3
CB110-24L	N	3287120946	1983	100 X 191 X 616	16.6
CB110-30L	N	3287120947	2357	116 X 191 X 616	18.7
CB110-38L	N	3287120949	2754	136 X 191 X 616	21.5
CB110-46L	N	3287120951	3312	157 X 191 X 616	24.6
CB110-54L	N	3287120952	3297	177 X 191 X 616	27.4
CB110-64L	N	3287120953	3971	203 X 191 X 616	30.9
CB110-76L	N	3287120954	4430	234 X 191 X 616	35.1
CB110-90L	N	3287120955	5180	269 X 191 X 616	40.0
CB110-100L	N	3287120956	5720	295 X 191 X 616	43.4
CB110-120L	N	3287120957	6798	346 X 191 X 616	50.4

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DOC110 / CB110

The plate heat exchangers are quality secured according to DIN ISO9001 cert. cate. 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

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: ISO G 1½" internally threaded, length 40 mm (C24, C24)					
H-channels					
CB110-16H	N	3287117668	1504	96 X 191 X 616	14.0
CB110-20H	N	3287117669	1719	106 X 191 X 616	15.3
CB110-24H	N	3287117670	1894	116 X 191 X 616	16.5
CB110-30H	N	3287117671	2250	132 X 191 X 616	18.5
CB110-38H	N	3287117672	2628	152 X 191 X 616	21.3
CB110-46H	N	3287117673	3162	173 X 191 X 616	23.9
CB110-54H	N	3287117674	3452	193 X 191 X 616	26.5
CB110-64H	N	3287117675	3791	219 X 191 X 616	29.8
CB110-76H	N	3287117676	4230	250 X 191 X 616	33.6
CB110-90H	N	3287117677	4944	285 X 191 X 616	38.2
CB110-100H	N	3287119741	5460	311 X 191 X 616	41.4
CB110-120H	N	3287117678	6490	362 X 191 X 616	47.9
M-channels					
CB110-16M	N	3287120958	1504	96 X 191 X 616	14.0
CB110-20M	N	3287120959	1719	106 X 191 X 616	15.3
CB110-24M	N	3287120960	1894	116 X 191 X 616	16.5
CB110-30M	N	3287120961	2250	132 X 191 X 616	18.5
CB110-38M	N	3287120962	2628	152 X 191 X 616	21.3
CB110-46M	N	3287120963	3162	173 X 191 X 616	23.9
CB110-54M	N	3287120964	3452	193 X 191 X 616	26.5
CB110-64M	N	3287120965	3791	219 X 191 X 616	29.8
CB110-76M	N	3287120966	4230	250 X 191 X 616	33.6
CB110-90M	N	3287120967	4944	285 X 191 X 616	38.2
CB110-100M	N	3287120968	5460	311 X 191 X 616	41.4
CB110-120M	N	3287120969	6490	362 X 191 X 616	47.9
L-channels					
CB110-16L	N	3287120970	1504	96 X 191 X 616	14.0
CB110-20L	N	3287120971	1719	106 X 191 X 616	15.3
CB110-24L	N	3287120972	1894	116 X 191 X 616	16.5
CB110-30L	N	3287120973	2250	132 X 191 X 616	18.5
CB110-38L	N	3287120974	2628	152 X 191 X 616	21.3
CB110-46L	N	3287120975	3162	173 X 191 X 616	23.9
CB110-54L	N	3287120976	3452	193 X 191 X 616	26.5
CB110-64L	N	3287120977	3791	219 X 191 X 616	29.8
CB110-76L	N	3287120978	4230	250 X 191 X 616	33.6
CB110-90L	N	3287120979	4944	285 X 191 X 616	38.2
CB110-100L	N	3287120980	5460	311 X 191 X 616	41.4
CB110-120L	N	3287120981	6490	362 X 191 X 616	47.9

S = Stock unit

N = Non stocked unit. Delivery time depending on volume and model. For accurate delivery time, please visit the Global Delivery Time list online. If no access to the web, application for registration to online tools or for additional questions, please contact your Alfa Laval sales representative.

DOC112 / CB112

The plate heat exchangers are quality secured according to DIN ISO9001 certifi cate. 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	31/31

HEAT EXCHANGER					
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-24AM	N	3287118491	2074	91 X 191 X 616	22.8
DOC112HF-30AM	N	3287118492	2464	104 X 191 X 616	24.8
DOC112HF-38AM	N	3287109519	2879	120 X 191 X 616	27.7
DOC112HF-46AM	N	3287118493	3462	137 X 191 X 616	30.4
DOC112HF-54AM	N	3287109520	3780	153 X 191 X 616	33.5
DOC112HF-62AM	N	3287118494	4152	170 X 191 X 616	36.3
DOC112HF-72AM	S	3287109555	4627	190 X 191 X 616	39.8
DOC112HF-80AM	N	3287109556	4982	207 X 191 X 616	42.5
DOC112HF-90AM	S	3287118495	5688	227 X 191 X 616	46.1
DOC112HF-100AM	S	3287109523	6325	248 X 191 X 616	49.5
DOC112HF-120AM	N	3287109524	6940	289 X 191 X 616	56.6
Flange: S1/S2 Oil: ISO G 1½" S3/S4 Water: ISO G 1"					
DOC112-24L	N	3287120988	2074	92 X 191 X 616	20.6
DOC112-30L	N	3287120989	2464	104 X 191 X 616	22.7
DOC112-38L	N	3287120990	2879	121 X 191 X 616	25.5
DOC112-46L	N	3287120991	3462	137 X 191 X 616	28.3
DOC112-54L	N	3287120992	3780	154 X 191 X 616	31.4
DOC112-62L	N	3287120993	4152	170 X 191 X 616	34.2
DOC112-72L	N	3287120994	4627	191 X 191 X 616	37.6
DOC112-80L	N	3287120995	4982	208 X 191 X 616	40.4
DOC112-90L	N	3287120996	5688	228 X 191 X 616	43.9
DOC112-100L	N	3287120997	6325	249 X 191 X 616	47.4
DOC112-120L	N	3287120998	6940	290 X 191 X 616	54.4
Connections: ISO G 1¼" internally threaded (CF04, CF04), length 22 mm					
DOC112HF-38AH	S	3287109557	2879	120 X 191 X 616	27.6
DOC112HF-54AH	S	3287109558	3780	153 X 191 X 616	33.4
Connections: ISO G 1½" HEX internally threaded, length 48 mm (C72, C72)					
AM-channels					
CB112-24AM	N	3287117147	1983	89 X 191 X 616	16.6
CB112-30AM	N	3287117148	2357	102 X 191 X 616	18.7
CB112-38AM	N	3287117149	2754	118 X 191 X 616	21.5
CB112-46AM	N	3287117261	3312	135 X 191 X 616	24.3
CB112-54AM	N	3287117262	3616	151 X 191 X 616	27.1
CB112-62AM	N	3287117263	3971	168 X 191 X 616	30.1
CB112-72AM	N	3287117264	4426	188 X 191 X 616	33.6
CB112-80AM	N	3287117265	4765	205 X 191 X 616	36.4
CB112-90AM	N	3287117266	5441	225 X 191 X 616	39.9
CB112-100AM	N	3287117267	6051	246 X 191 X 616	43.4
CB112-120AM	N	3287117268	6638	287 X 191 X 616	50.4
L-channels					
CB112-24L	N	3287120999	1983	90 X 191 X 616	16.6
CB112-30L	N	3287121000	2357	102 X 191 X 616	18.7
CB112-38L	N	3287121001	2754	119 X 191 X 616	21.5
CB112-46L	N	3287121002	3312	135 X 191 X 616	24.3
CB112-54L	N	3287121003	3616	152 X 191 X 616	27.1
CB112-62L	N	3287121004	3971	168 X 191 X 616	30.1
CB112-72L	N	3287121005	4426	189 X 191 X 616	33.6
CB112-80L	N	3287121006	4765	206 X 191 X 616	36.4
CB112-90L	N	3287121007	5441	226 X 191 X 616	39.9
CB112-100L	N	3287121008	6051	247 X 191 X 616	43.4
CB112-120L	N	3287121009	6638	288 X 191 X 616	50.4

S = Stock unit

N = Non stocked unit. Delivery time depending on volume and model. For accurate delivery time, please visit the Global Delivery Time list online. If no access to the web, application for registration to online tools or for additional questions, please contact your Alfa Laval sales representative.



DOC112 / CB112

The plate heat exchangers are quality secured according to DIN ISO9001 certifi cate. 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	31/31

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: ISO G 1½" internally threaded, length 48 mm (C24, C24)					
AM-channels					
CB112-24AM	N	3287117701	1894	105 X 191 X 616	17.2
CB112-30AM	N	3287117702	2250	118 X 191 X 616	19.3
CB112-38AM	N	3287117703	2628	134 X 191 X 616	22.0
CB112-46AM	N	3287117704	3162	151 X 191 X 616	24.8
CB112-54AM	N	3287117705	3452	167 X 191 X 616	27.9
CB112-62AM	N	3287117706	3791	184 X 191 X 616	30.7
CB112-72AM	N	3287117707	4224	204 X 191 X 616	34.2
CB112-80AM	N	3287117708	4548	221 X 191 X 616	37.0
CB112-90AM	N	3287117709	5194	241 X 191 X 616	40.5
CB112-100AM	N	3287117710	5775	262 X 191 X 616	44.0
CB112-120AM	N	3287117712	6337	303 X 191 X 616	50.9
L-channels					
CB112-24L	N	3287121010	1894	106 X 191 X 616	17.2
CB112-30L	N	3287121011	2250	118 X 191 X 616	19.3
CB112-38L	N	3287121012	2628	135 X 191 X 616	22.0
CB112-46L	N	3287121013	3162	151 X 191 X 616	24.8
CB112-54L	N	3287121014	3452	168 X 191 X 616	27.9
CB112-62L	N	3287121015	3791	184 X 191 X 616	30.7
CB112-72L	N	3287121016	4224	205 X 191 X 616	34.2
CB112-80L	N	3287121017	4548	222 X 191 X 616	37.0
CB112-90L	N	3287121018	5194	242 X 191 X 616	40.5
CB112-100L	N	3287121019	5775	263 X 191 X 616	44.0
CB112-120L	N	3287121020	6337	304 X 191 X 616	50.9

S = Stock unit

N = Non stocked unit. Delivery time depending on volume and model. For accurate delivery time, please visit the Global Delivery Time list online. If no access to the web, application for registration to online tools or for additional questions, please contact your Alfa Laval sales representative.



CB200

The 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	26/26

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Compact flanges: DN80 / PN40 (CPF, CPF)					
CB200-30H	N	3287070497	3654	252 X 324 X 742	53.8
CB200-40H	N	3287070498	4101	279 X 324 X 742	59.8
CB200-50H	N	3287070499	4548	306 X 324 X 742	65.8
CB200-64H	N	3287070500	5172	344 X 324 X 742	74.2
CB200-80H	N	3287070502	5884	387 X 324 X 742	83.8
CB200-100H	N	3287070504	6775	441 X 324 X 742	95.8
CB200-124H	N	3287070506	7845	506 X 324 X 742	110.2
CB200-150H	N	3287070508	9004	576 X 324 X 742	125.8
CB200-174H	N	3287070509	10076	641 X 324 X 742	140.2
CB200-200H	N	3287070510	11234	711 X 324 X 742	155.8

N = Non stocked unit. Delivery time depending on volume and model. For accurate delivery time, please visit the Global Delivery Time list online. If no access to the web, application for registration to online tools or for additional questions, please contact your Alfa Laval sales representative.



CB300

The plate heat exchangers are quality secured according to DIN ISO9001 certifi cate. 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	27/16

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Compact f anges: DN100/PN35, DN65/PN40 (CPF, CPF)					
CB300-30H	N	3287070309	5501	350 X 366 X 990	84.1
CB300-40H	N	3287070310	6165	376 X 366 X 990	96.7
CB300-50H	N	3287070311	6834	402 X 366 X 990	109.3
CB300-64H	N	3287070312	7765	439 X 366 X 990	126.9
CB300-80H	N	3287070313	8832	481 X 366 X 990	147.1
CB300-100H	N	3287070314	10163	533 X 366 X 990	172.3
CB300-124H	N	3287070315	11763	596 X 366 X 990	202.5
CB300-150H	N	3287070316	13494	664 X 366 X 990	235.3
CB300-180H	N	3287070318	15494	743 X 366 X 990	273.1
CB300-210H	N	3287070319	17492	821 X 366 X 990	315.9
CB300-250H	N	3287070320	20156	926 X 366 X 990	366.3

N = Non stocked unit. Delivery time depending on volume and model. For accurate delivery time, please visit the Global Delivery Time list online. If no access to the web, application for registration to online tools or for additional questions, please contact your Alfa Laval sales representative.



CB400

The 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	31/26

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Compact flanges: DN100/PN35 (CPF, CPF)					
CB400-40H	N	32870 7565 9	6860	376 X 390 X 990	104.4
CB400-80H	N	32870 7566 0	9743	479 X 390 X 990	158.4
CB400-120H	N	32870 7566 1	12624	581 X 390 X 990	212.4
CB400-160H	N	32870 7566 2	15504	684 X 390 X 990	266.4
CB400-200H	N	32870 7566 3	18599	786 X 390 X 990	340.4
CB400-240H	N	32870 7566 4	21267	888 X 390 X 990	379.4
CB400-270H	N	32870 7566 5	23428	965 X 390 X 990	419.9

N = Non stocked unit. Delivery time depending on volume and model. For accurate delivery time, please visit the Global Delivery Time list online. If no access to the web, application for registration to online tools or for additional questions, please contact your Alfa Laval sales representative.

AlfaNova 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 accesses to the configuration tool please contact your local Alfa Laval sales representative.



AlfaNova 14



AlfaNova 27



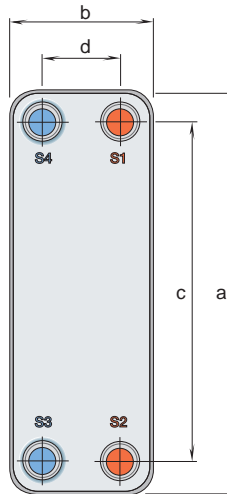
AlfaNova 52



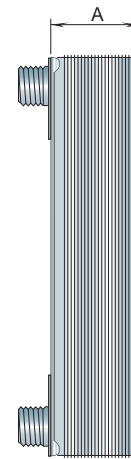
AlfaNova 76



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)	160/-175	160/-175	160/-175	160/-175	160/-175
Max. design pressure (S3-S4/S1-S2) (bar) *	21/21	27/22	27/22	27/22	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 plate heat exchangers are secured according to DIN ISO9001 certifi cate. 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	559	57 X 77 X 207	1.3	3456119701	34.3
AlfaNova 14-20H	S	3287050662	703	82 X 77 X 207	2.0	3456119702	36.4
AlfaNova 14-30H	S	3287050663	849	106 X 77 X 207	2.7	3456119702	36.4
AlfaNova 14-40H	S	3287050664	995	131 X 77 X 207	3.4	3456119702	36.4

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	32.2	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	114	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	34.3	0.2	
Insulation type B: Max 40 plates	S	3456119702	36.4	0.3	

S = Stock unit

Fusion bonded plate heat exchangers



AlfaNova 27

The plate heat exchangers are secured according to DIN ISO9001 cert. cate. 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	770	80 X 111 X 310	3.6	3236000881	132
AlfaNova 27-18H	S	3288000763	973	100 X 111 X 310	4.6	3236000881	132
AlfaNova 27-24H	S	3288000901	1125	114 X 111 X 310	5.4	3236000882	134
AlfaNova 27-34H	S	3288000764	1382	138 X 111 X 310	6.7	3236000882	134
AlfaNova 27-50H	S	3288000970	1789	177 X 111 X 310	8.8	3236000883	136
AlfaNova 27-70H	S	3288000999	2302	225 X 111 X 310	11.4	3236000884	139
AlfaNova 27-100H	S	3287050287	3192	298 X 111 X 310	15.4	3236000886	146
Two pass - Six connections pre/post heater design							
AlfaNova 27-50H	S	3288001270	2055	217 X 111 X 310	9.1	3236000883	136
AlfaNova 27-70H	S	3288001271	2590	265 X 111 X 310	11.7	3236000884	139
AlfaNova 27-100H	S	3288001272	3396	338 X 111 X 310	15.8	3236000886	146

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	46.8	0.32	Welding type. Fits V22.
DN25 1¼"; Pipe: SS, Nut: CS Gasket included, include 2 pcs	S	3456632001	64.5	0.43	Welding type
DN32 1¼"; Pipe: SS, Nut: CS Gasket included, include 2 pcs	S	3456632901	78	0.43	
Extra gasket fitting for 1" couplings, include 2 pcs	S	3456636001	2.7	0.02	Fits B21, V22
Extra gasket fitting for 1¼" couplings, include 2 pcs	S	3456635901	3.3	0.02	Fits V24
<i>For couplings in Brass/CS, see CB30</i>					
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	192	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 100 plates	S	3456089802	208	4.3	
Adjustable foot Max 150 plates	S	3456089803	208	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020426	119	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	67.6	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	38.5	0.6	
Insulation type A Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 18 plates	S	3236000881	132	0.7	
Insulation type A: Max 38 plates	S	3236000882	134	0.8	
Insulation type A: Max 58 plates	S	3236000883	136	0.9	
Insulation type A: Max 76 plates	S	3236000884	139	1.0	
Insulation type A: Max 96 plates	S	3236000885	142	1.2	
Insulation type A: Max 114 plates	S	3236000886	146	1.3	
Insulation type B Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 24 plates	S	3456104601	33.3	0.2	
Insulation type B: Max 48 plates	S	3456104602	35.4	0.2	
Insulation type B: Max 98 plates	S	3456104603	38.5	0.3	

S = Stock unit



AlfaNova 52

The plate heat exchangers are secured according to DIN ISO9001 cert. cate. 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	1096	81 X 111 X 526	5.4	3236000892	148
AlfaNova 52-20H	S	3288001139	1477	106 X 111 X 526	7.5	3236000892	148
AlfaNova 52-30H	S	3288001047	1855	130 X 111 X 526	9.7	3236000892	148
AlfaNova 52-40H	S	3288001265	2234	155 X 111 X 526	11.9	3236000893	151
AlfaNova 52-50H	S	3287050288	2614	180 X 111 X 526	14.0	3236000893	151
AlfaNova 52-60H	S	3288001266	2992	205 X 111 X 526	16.2	3236000894	155
AlfaNova 52-80H	S	3287050289	3751	254 X 111 X 526	20.5	3236000895	158
AlfaNova 52-100	S	3287050290	4509	304 X 111 X 526	25.1	3236000896	161
Two pass - Six connections pre/post heater design							
AlfaNova 52-60L	S	3287051200	3375	244 X 111 X 526	16.6	3236000894	155
AlfaNova 52-80L	S	3287051201	4177	293 X 111 X 526	21.1	3236000895	158

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	46.8	0.32	Welding type. Fits V22.
DN25 1¼"; Pipe: SS, Nut: CS Gasket included, include 2 pcs	S	3456632001	64.5	0.43	Welding type
DN32 1¼"; Pipe: SS, Nut: CS Gasket included, include 2 pcs	S	3456632901	78	0.43	
Extra gasket fitting for 1" couplings, include 2 pcs	S	3456636001	2.7	0.02	Fits B21, V22
Extra gasket fitting for 1¼" couplings, include 2 pcs	S	3456635901	3.3	0.02	Fits V24
<i>For couplings in Brass/CS, see CB60</i>					
Adjustable foot					
Adjustable foot Max 60 plates	S	3456089801	192	4.3	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 100 plates	S	3456089802	208	4.3	
Adjustable foot Max 150 plates	S	3456089803	208	4.3	
Wall mounting bracket					
Rubber coated clamp, to be assembled around the plate package.	S	3236020427	129	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	67.6	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	38.5	0.6	
Insulation type A					
Polyurethane with blue ABS cover (max temperature 130°C)					
Insulation type A: Max 38 plates	S	3236000892	148	1.0	
Insulation type A: Max 58 plates	S	3236000893	151	1.3	
Insulation type A: Max 76 plates	S	3236000894	155	1.5	
Insulation type A: Max 96 plates	S	3236000895	158	1.7	
Insulation type A: Max 114 plates	S	3236000896	161	2.0	
Insulation type A: Max 144 plates	S	3236000897	167	2.3	
Insulation type B					
Black, Polypropylene (EPP) without ABS cover (max temperature 110°C)					
Insulation type B: Max 28 plates	S	3456104701	41.6	0.3	
Insulation type B: Max 56 plates	S	3456104702	59.3	0.5	

S = Stock unit



AlfaNova 76

The plate heat exchangers are secured according to DIN ISO9001 cert. cate. 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	2637	116 X 191 X 618	19.2	3236000901	170
AlfaNova 76-30H	S	3287050292	3274	145 X 191 X 618	24.1	3236000901	170
AlfaNova 76-50H	S	3287050293	4551	202 X 191 X 618	34.1	3236000902	178
AlfaNova 76-70H	S	3287050294	5824	259 X 191 X 618	43.8	3236000903	186
AlfaNova 76-80H	S	3287050295	6461	287 X 191 X 618	48.6	3236000903	186

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	164	1.1	Welding type. Fits B23.
DN40 2" Pipe: SS, Nut: CS Gasket included, include 2 pcs	S	3456633001	164	1.1	Fits B23. Welding type
Gasket for 2" fitting, include 2 pcs	S	3456639901	5	0.02	
<i>For couplings in Brass/CS, see CB110/CB112</i>					
Adjustable foot					
Adjustable foot Max 60 plates	S	3456090801	229	4.5	Fits all connections. Height adjustable from 400 mm to 600 mm.
Adjustable foot Max 90 plates	S	3456090804	229	4.5	
Adjustable foot Max 120 plates	S	3456090802	229	4.5	
Adjustable foot Max 150 plates	S	3456090803	229	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	135	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	55.1	1.7	Fits ONLY B23, B23 connections
Rigid foot					
Rigid foot	S	3456544501	198	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	170	1.3	
Insulation type A: Max 60 plates	S	3236000902	178	1.7	
Insulation type A: Max 90 plates	S	3236000903	186	2.1	
Insulation type A: Max 120 plates	S	3236000904	194	2.6	
Insulation type A: Max 150 plates	S	3236000905	203	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	1231
CIP 40 230V/50 Hz	3284000001	15	3616
CIP 40 110V/60 Hz	3284043601	15	3929
CIP 200L 380-415V/50 Hz	969951-00	145	18251
CIP 200L 440-480V/60 Hz	969951-01	145	18251
CIP 200LT Steam	969951-06	145	34878
CIP 200L 380-415V/50 Hz	969951-10	145	17602
CIP 200L 440-480V/60 Hz	969951-11	145	17602
CIP 400L 380-415V/60 Hz	969952-00	235	25945
CIP 400L 440-480V/60 Hz	969952-01	235	25945
CIP 800L 380-415V/50 Hz	969953-00	500	29772
CIP 800L 440-480V/60 Hz	969953-01	500	29177
CIP 800L 380-415V/50 Hz	969953-10	500	31869
CIP 800L 440-480V/60 Hz	969953-11	500	31869
CIP 1800L 380-415V/50 Hz	969954-00	644	40927
CIP 1800L 440-480V/60 Hz	969954-01	644	40927
CIP 1800L 380-415V/50 Hz	969954-10	644	46005
CIP 1800L 440-480V/60 Hz	969954-11	644	46005
CIP 2800L 380-415V/50 Hz	969955-00	788	53644
CIP 2800L 440-480V/60 Hz	969955-01	788	53644

Cleaning chemicals

Model	Article no.	Weight / Volume	Price
Alfa Add	3284001902	5 l	207
Alfa Caus	3180126126	20 l	158
Alfa Neutra	3180126124	20 l	104
Alfa Phos	3180126125	20 l	242
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	94
Alpacon Descalant (To be ordered from DC TUMBA)	179640413	25 l	203
Alpacon Degreaser (To be ordered from DC TUMBA)	179640514	25 l	189

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

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