



Pricelist Refrigeration Equipment – 2015

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



Refrigeration pricelist 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

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.





CB30 / CBH30



CB60 / CBH60



CB112 / CBH112



CB200 / CBH200



CB300 / CBH300



CB400



CBXP27



CBXP52



CBXP112



AXP10



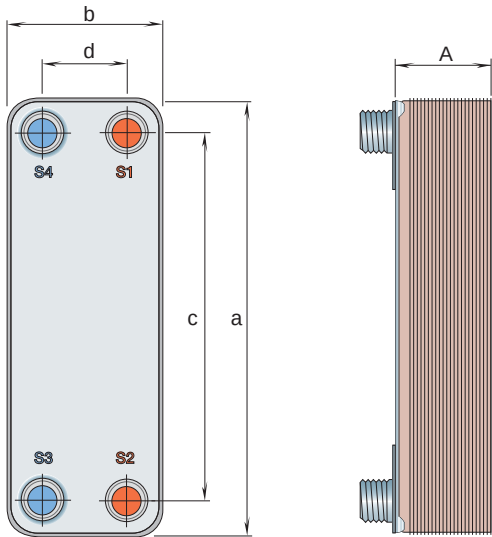
AXP14



AXP27



AXP52



Measurement instruction

Brazed heat exchanger data and dimensions

	AC16 / ACH16	AC18 / ACH18	AC30 / ACH30	AC70X / ACH70X
Channel type	H, A	H, A	H	H, M
Max./min. design temperature (°C)	150/-160	150/-160	225/-196	150/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	45/45	45/45	32/32 / 45/45	32/32 / 45/45
Volume/channel (S3-S4/S1-S2) (litres)	0.027 (H) / 0.03/0.04 (A)	0.038 (H) / 0.042/0.035 (A)	0.028	0.095
Max. flowrate (S3-S4/S1-S2) (m³/h) **	4.1	4.1	8.8	14
Height, mm (a)	210	316	325	526
Width, mm (b)	74	74	95	111
Vertical connection distance, mm (c)	172	278	269	466
Horizontal connection distance, mm (d)	40	40	39	50
Plate pack length, mm (A)	(n x 2.16) + 8.5	(n x 2.16) + 8	(n x 1.52) + 9	(n x 2.3) + 11
Weight empty, kg ***	(n x 0.04) + 0.27	(n x 0.07) + 0.4	(n x 0.09) + 1	(n x 0.18) + 1.9
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	52	120	150

	AC112 / ACH112	AC120 / ACH120	AC220 / ACH220	AC230EQ / ACH230EQ
Channel type	H, L, M, AM, AH	H	M, L, AM, AH	H
Max./min. design temperature (°C)	225/-196	150/-196	150/-196	150/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	30/51	32/32 / 45/43	32/32 / 46/36	32/32 / 45/45
Volume/channel (S3-S4/S1-S2) (litres)	0.18 (H,L,M) / 0.20/0.16 (AM, AH)	0.21	0.18 (M, L) / 0.20/0.16 (AM, AH)	0.16/0.20
Max. flowrate (S3-S4/S1-S2) (m³/h) **	51	37	51	60
Height, mm (a)	616	617	616	490
Width, mm (b)	191	192	191	250
Vertical connection distance, mm (c)	519	519	519	369
Horizontal connection distance, mm (d)	92	92	92	92
Plate pack length, mm (A)	(n x 2.07) + 16	(n x 2.35) + 11	(n x 2.07) + 16	(n x 2.14) + 13
Weight empty, kg ***	(n x 0.35) + 4.82 / (n x 0.35) + 5.68	(n x 0.44) + 5.4	(n x 0.35) + 4.81 / (n x 0.35) + 5.68	(n x 0.4) + 5.6
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	300	230	300	250



Brazed heat exchanger data and dimensions

	AC230DQ / ACH230DQ	AC500EQ / ACH500EQ	AC500DQ / ACH500DQ	AC1000DQ / ACH1000DQ
Channel type	H	H	H	AH
Max./min. design temperature (°C)	150/-196	150/-196	150/-196	150/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	32/32 / 45/45	32/32 / 45/45	32/32 / 45/45	16/32 / 16/45
Volume/channel (S3-S4/S1-S2) (litres)	0.16/0.20	0.40/0.45	0.47/0.50	0.97/0.82
Max. flowrate (S3-S4/S1-S2) (m³/h) **	60	120	120	200
Height, mm (a)	490	739	739	817
Width, mm (b)	250	322	322	487
Vertical connection distance, mm (c)	369	632	632	603
Horizontal connection distance, mm (d)	155	205	205	356
Plate pack length, mm (A)	(n x 2.14) + 13	(n x 2.61) + 12	(n x 2.61) + 12	(n x 2.41) + 18
Weight empty, kg ***	(n x 0.4) + 6	(n x 0.84) + 12.5	(n x 0.84) + 28.7	(n x 1.44) + 31.5
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	250	270	270	298

	CB30 / CBH30	CB60 / CBH60	CB112	CB200 / CBH200
Channel type	H, M, L	H, M, L	H, M, L, AM, AH	H, M, L
Max./min. design temperature (°C)	225/-196	175/-196	225/-196	225/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	36/36 / 45/45	36/36	32/32	26/26
Volume/channel (S3-S4/S1-S2) (litres)	0.054	0.103 ⁶⁾	0.18 ⁷⁾	0.51
Max. flowrate (S3-S4/S1-S2) (m³/h) **	14.5	14.5	34/63	128
Height, mm (a)	313	527	618	740
Width, mm (b)	113	113	191	323
Vertical connection distance, mm (c)	250	466	519	622
Horizontal connection distance, mm (d)	50	50	92	205
Plate pack length, mm (A)	(n x 2.31) + 13	(n x 2.35) + 13	(n x 2.05) 15	(n x 2.7) + 11 / (n x 2.7) + 14
Weight empty, kg ***	(n x 0.1) + 1.2	(n x 0.18) + 2.1	(n x 0.35) + 4.8	(n x 0.6)+ 12 / (n x 0.6) +14
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	150	150	300	230

Brazed heat exchanger data and dimensions

	CB300 / CBH300	CB400	CBXP27	CBXP52	CBXP112
Channel type	H, M, L	H, L	H, M, L	H, M, L	H, M, L
Max./min. design temperature (°C)	225/-196	225/-196	150/-196	225/-196	225/-196
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	27/16	32/27	130/130	70/90	75
Volume/channel (S3-S4/S1-S2) (litres)	0.058/0.69	0.74	0.05	0.095	0.18
Max. flowrate (S3-S4/S1-S2) (m³/h) **	200	200	14	14	51
Height, mm (a)	990	990	310	526	616
Width, mm (b)	365	390	111	111	191
Vertical connection distance, mm (c)	816/861	825	250	466	519
Horizontal connection distance, mm (d)	213.5	225	50	50	92
Plate pack length, mm (A)	(n x 2.62) + 11	(n x 2.56) + 14	(n x 2.4) + 13	(n x 2.37) + 14	(n x 2.07) + 22
Weight empty, kg ***	(n x 1.26) + 21	(n x 1.35) + 24	(n x 0.13) + 2	(n x 0.22) + 2.5	(n x 0.35) + 7.26
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	250	270	150	150	300

	AXP10	AXP14	AXP27	AXP52
Channel type	H	H	H, M, L	H, M, L
Max./min. design temperature (°C)	225/-196	225/-196	150/-50	150/-50
Max. design pressure at 150°C (S3-S4/S1-S2) (bar) *	150/110	140/110	130	130
Volume/channel (S3-S4/S1-S2) (litres)	0.01	0.01	0.05	0.095
Max. flowrate (S3-S4/S1-S2) (m³/h) **	1.41	2.8	14	14
Height, mm (a)	190	190	362	582
Width, mm (b)	76	76	160	160
Vertical connection distance, mm (c)	154	154	250	466
Horizontal connection distance, mm (d)	40	40	50	50
Plate pack length, mm (A)	(n x 1.15) + 8	(n x 1.15) + 8	(n x 2.4) + 13	(n x 2.37) + 14
Weight empty, kg ***	(n x 0.04) + 0.32	(n x 0.04) + 0.32	N/A	N/A
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	150	150	150	150

* 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



ACH16

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

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

Auxiliaries: Couplings and fastening device.

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-160/+150
Design pressure (bar) (S3/S4, S1/S2)	45 / 45
Max nbr of plates available	60

Pressure x Volume is too small for PED approval.

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2: ISO G ¾" External thread S3/S4: 18 mm Soldering					
ACH16-14H (Z93,Z31)	S	3287102076	243	59 X 74 X 210	1.1
ACH16-28H (Z93,Z31)	S	3287102077	390	89 X 74 X 210	1.6

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Screw fittings					
DN15 ¾"; Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456632401	20.8	0.1	Welding type
DN15 ¾"; Pipe: CS; Nut: CS. Gasket included, include 50 pcs	S	3456632402	459	3.0	
15 mm ¾"; Pipe: Brass; Nut: CS. Gasket included, include 2 pcs	S	3456634601	33.5	0.2	Soldering type
Extra gasket fitting for ¾" couplings, include 2 pcs	S	3456636101	2.1		

S = Stock unit



ACH18

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

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

Auxiliaries: Couplings and fastening device.

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-160/+150
Design pressure (bar) (S3/S4, S1/S2)	45 / 45
Max nbr of plates available	52

Pressure x Volume is too small for PED approval.

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S3: Soldering 3/8" S1/S2/S4: Soldering 1/2"					
ACH18-10H (Z74, Z77, Z77)	S	3287102085	274	50 X 74 X 316	1.3
ACH18-16H (Z74, Z77, Z77)	S	3287102086	333	63 X 74 X 316	1.6
ACH18-24H (Z74, Z77, Z77)	S	3287102088	412	80 X 74 X 316	2.2
ACH18-28H (Z74, Z77, Z77)	S	3287102089	451	89 X 74 X 316	2.4
ACH18-32H (Z74, Z77, Z77)	S	3287102090	491	98 X 74 X 316	2.7

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Screw fittings					
DN15 3/4"; Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456632401	20.8	0.1	Welding type
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. Gasket included, include 2 pcs	S	3456634601	33.5	0.2	Soldering type
Extra gasket fitting for 3/4" couplings, include 2 pcs	S	3456636101	2.1		

S = Stock unit



AC30 / ACH30

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

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

Auxiliaries: Insulations, couplings and fastening device.

		PED
AC30	Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
	Design pressure (S3/S4, S1/S2) at 150°C	32 / 32
	Max nbr of plates available	120
ACH30	Design temperature °C min/max (S3/S4, S1/S2)	-196/+120
	Design pressure (S3/S4, S1/S2) at 150°C	45 / 45
	Max nbr of plates available	120

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2: B21 BSP 1" External thread S3: H24 (½") - H62 (½") - H65 H66 H67 (¾") S4: H41 (1⅝") - H23 (¾") Soldering					
AC30 Standard pressure					
AC30-10EQ (H24,H23,B21)	S	3288153696	295	48 x 95 x 325	2.3
AC30-14EQ (H24,H23,B21)	S	3288153697	327	54 x 95 x 325	2.7
AC30-20EQ (H24,H23,B21)	S	3288153698	374	63 x 95 x 325	3.2
AC30-24EQ (H24,H23,B21)	S	3288153699	405	69 x 95 x 325	3.5
AC30-30EQ (H62,H23,B21)	S	3288101016	453	79 x 95 x 325	4.0
AC30-36EQ (H62,H23,B21)	S	3288101017	500	88 x 95 x 325	4.6
AC30-40EQ (H62,H23,B21)	S	3288101018	532	94 x 95 x 325	5.0
AC30-44EQ (H62,H23,B21)	S	3288101019	564	100 x 95 x 325	5.3
AC30-54EQ (H65,H41,B21)	S	3288101403	641	115 x 95 x 325	6.2
AC30-60EQ (H65,H41,B21)	S	3288101404	690	124 x 95 x 325	6.7
AC30-70EQ (H66,H41,B21)	S	3288101405	766	139 x 95 x 325	7.6
AC30-100EQ (H67,H41,B21)	S	3288101408	1005	185 x 95 x 325	9.8
ACH30 High pressure					
ACH30-20EQ (H62,H23,H23)**	S	3287108344	449	63 x 95 x 325	3.1
ACH30-40EQ (H62,H23,H23)**	S	3288154174	592	94 x 95 x 325	4.9
ACH30-60EQ (H65,H41,H23)**	S	3288154175	766	124 x 95 x 325	6.6
ACH30-80EQ (H66,H41,H23)**	S	3288154176	941	155 x 95 x 325	8.4

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Screw fittings					
DN20 1"; Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456632201	25	0.3	Welding type
DN20 1"; Pipe: CS; Nut: CS. Gasket included, include 50 pcs	S	3456632202	562	8.0	
22 mm 1"; Pipe: Brass; Nut: CS. Gasket included, include 2 pcs	S	3456634501	36.4	0.2	Soldering type
22 mm 1"; Pipe: Brass; Nut: CS. Gasket included, include 50 pcs	S	3456634502	820	6.0	
Extra gasket fitting for 1" couplings include 2 pcs	S	3456636001	2.7		
Extra gasket fitting for 1" couplings include 50 pcs	S	3456636002	61.4		
Protective insulation type P Prefabricated insulation jacket with 19 mm closed cell expanded elastomer with 0.5 mm external PVC protection layer. Max temperature 110°C. Min. temperature -45°C					
Protective insulation type P 10-14 plates	S	3456213901	58.2	0.1	
Protective insulation type P 20-24 plates	S	3456213902	60.3	0.2	
Protective insulation type P 30-34 plates	S	3456213903	62.4	0.2	
Protective insulation type P 40-44 plates	S	3456213904	64.5	0.2	
Protective insulation type P 50-54 plates	S	3456213905	66.6	0.2	
Protective insulation type P 70-80 plates	S	3456213907	71.8	0.3	

S = Stock unit



AC70X / ACH70X

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

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

Auxiliaries: Insulations, couplings and fastening device.

		PED
AC70X	Design temperature °C min/max (S3/S4, S1/S2)	-196/+150
	Design pressure (S3/S4, S1/S2) at 150°C	32 / 32
	Max nbr of plates available	150
ACH70X	Design temperature °C min/max (S3/S4, S1/S2)	-196/+150
	Design pressure (S3/S4, S1/S2) at 150°C	45 / 45
	Max nbr of plates available	150

HEAT EXCHANGER						Insulation type P	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S3: Soldering H39 G65 G67 G68 (16.1 mm), N60 H30 (22.3 mm) S4: Soldering H21 (1½"), H34 (1½") S1/S2: External thread B32 (BSP 1"), B32 (BSP 1¼")							
AC70X Standard pressure							
AC70X-20M (H39,H21,B21)	S	3287065787	583	81 x 111 x 526	6.3	3456214101	72.8
AC70X-30M (G65,H21,B21)	S	3287065788	750	104 x 111 x 526	8.1	3456214102	77
AC70X-40M (G67,H21,B21)	S	3287065789	918	127 x 111 x 526	9.9	3456214103	80.1
AC70X-50M (G67,H34,B32)	S	3287065790	1116	150 x 111 x 526	12.0	3456214104	83.2
AC70X-60M (G68,H34,B32)	S	3287065791	1283	173 x 111 x 526	13.8	3456214105	86.3
AC70X-70M (G68,H34,B32)	S	3287065792	1453	196 x 111 x 526	15.6	3456214106	89.4
AC70X-80M (N60,H34,B32)	S	3287065793	1631	219 x 111 x 526	17.4	3456214107	92.6
AC70X-100M (H30,H34,B32)	S	3287065795	1956	265 x 111 x 526	21.0	3456214109	129
AC70X-120M (H30,H34,B32)	S	3287065797	2295	311 x 111 x 526	24.6	3456214111	142
High pressure units all soldering with stud bolts. Connections: S3: Soldering G67 G68 (16.1 mm), N60 H30 (22.3 mm). S4: Soldering H34 (1½"). S1/S2: Soldering H21 (1½"), H38 (1½")							
ACH70X High pressure							
ACH70X-30H (G76,H34,H21)	S	3287110945	947	104 x 111 x 526	8.0	3456214102	77
ACH70X-50H (G67,H34,H21)B	S	3287065932	1149	150 x 111 x 526	11.9	3456214104	83.2
ACH70X-70H (G68,H34,H21)B	S	3287065933	1498	196 x 111 x 526	15.5	3456214106	89.4
ACH70X-90H (N60,H34,H38)B	S	3287065934	1872	242 x 111 x 526	19.1	3456214108	95.7
ACH70X-110H (H30,H34,H38)B		3287065935	2213	288 x 111 x 526	21.9	3456214110	130
Units with stud bolts and 6 connections. Extra B21 (BSP 1"), B32 (BSP 1"1/4) in T1/T2							
AC70X-20M (H39,H21,B21)(B21,T1,T2)B	S	3287065799	624	99 x 111 x 526	6.4	3456214101	72.8
AC70X-30M (G65,H21,B21)(B21,T1,T2)B	S	3287065800	790	122 x 111 x 526	8.2	3456214102	77
AC70X-40M (G67,H21,B21)(B21,T1,T2)B	S	3287065801	959	145 x 111 x 526	10.0	3456214103	80.1
AC70X-50M (G67,H34,B32)(B32,T1,T2)B	S	3287065802	1180	168 x 111 x 526	12.2	3456214104	83.2
AC70X-70M (G68,H34,B32)(B32,T1,T2)B	S	3287065804	1519	214 x 111 x 526	15.8	3456214106	89.4
AC70X-90M (N60,H34,B32)(B32,T1,T2)B	S	3287065806	1863	260 x 111 x 526	19.4	3456214108	95.7
S1/S2: Soldering 1½", S3: Soldering 16 mm, S4: Soldering 1½"							
ACH70X-40H	S	3287093455	1127	127 x 111 x 526	9.3		

S = Stock unit



AC70X / ACH70X EXTRAS

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Screw fittings					
DN20 1" Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456632201	25	0.3	Welding type. Fits B21
DN20 1" Pipe: CS; Nut: CS. Gasket included, include 50 pcs	S	3456632202	562	8.0	
22 mm 1" Pipe: Brass; Nut: CS. Gasket included, include 2 pcs	S	3456634501	36.4	0.2	Soldering type. Fits B21
22 mm 1" Pipe: Brass; Nut: CS. Gasket included, include 50 pcs	S	3456634502	820	6.0	
DN25 1¼" Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456631901	34.3	0.4	Welding type. Fits B32
DN25 1¼" Pipe: CS; Nut: CS. Gasket included, include 50 pcs	S	3456631902	773	10.8	
28 mm 1¼" Pipe: Brass; Nut: CS. Gasket included, include 2 pcs	S	3456632101	45.8	0.4	Soldering type. Fits B32
28 mm 1¼" Pipe: Brass; Nut: CS. Gasket included, include 50 pcs	S	3456632102	1030	10.8	
Extra gasket fitting for 1" couplings, include 2 pcs	S	3456636001	2.7		
Extra gasket fitting for 1" couplings, include 50 pcs	S	3456636002	61.4	0.1	
Extra gasket fitting for 1¼" couplings, include 2 pcs	S	3456635901	3.3		
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	
Protective insulation type P					
Prefabricated insulation jacket with 19 mm closed cell expanded elastomer with 0.5 mm external PVC protection layer. Max. temperature: 100°C Min. temperature: -45°C. For sizes and article numbers, please look under extras for CB60.					

S = Stock unit



AC220EQ / ACH220EQ

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

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

Auxiliaries: Insulations, couplings and fastening device.

		PED
AC220EQ	Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
	Design pressure (S3/S4, S1/S2) at 150°C	32 / 32
	Max nbr of plates available	300
ACH220EQ	Design temperature °C min/max (S3/S4, S1/S2)	-196/+120
	Design pressure (S3/S4, S1/S2) at 150°C	45 / 36
	Max nbr of plates available	300

HEAT EXCHANGER						Insulation type P	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S1/S2: B23 BSP 2" External thread, S3: H56 H57 (7/8") – L54 L55 L56 (1 1/8"), S4: D21 (2 1/8") Soldering							
Standard pressure							
AC220EQ-36AM	S	3287118771	2264	137 x 191 x 616	20.2	3456539302	97.8
AC220EQ-42AM	S	3287118772	2501	151 x 190 x 616	22.3	3456539303	104
AC220EQ-50AM	S	3287118773	2805	167 x 190 x 616	25.5	3456539303	104
AC220EQ-60AM	S	3287118774	3187	188 x 190 x 616	28.9	3456539304	108
AC220EQ-76AM	S	3287118775	3795	221 x 190 x 616	34.6	3456539306	119
AC220EQ-94AM	S	3287118776	4479	258 x 190 x 616	40.8	3456539308	125
AC220EQ-110AM	S	3287118778	5089	291 x 190 x 616	46.4	3456539309	129
6 connections with stud bolts							
Connections: S1/S2: 2" External thread (B23), S4: 2 1/8" Soldering (D21), T1/T2: 2" External thread (B23)							
Standard pressure							
AC220EQ-42AM (S3: 1 1/8" Soldering)	S	3287118781	2599	189 x 190 x 616	23.3	3456539303	104
AC220EQ-50AM (S3: 1 1/8" Soldering)	S	3287118782	2905	205 x 190 x 616	26.1	3456539303	104
AC220EQ-76AM (S3: 1 1/8" Soldering)	S	3287118784	3894	259 x 190 x 616	35.2	3456539306	119
AC220EQ-94AM (S3: 1 1/8" Soldering)	S	3287118785	4579	296 x 190 x 616	41.5	3456539308	125
AC220EQ-110AM (S3: 1 1/8" Soldering)	S	3287118786	5180	329 x 190 x 616	47.1	3456539309	129
AC220EQ-128AM (S3: 1 1/8" Soldering)	S	3287118787	5865	366 x 190 x 616	53.3	3456539311	138
High pressure							
ACH220EQ-42AM	S	3287118790	2678	151 x 190 x 616	23.9	3456539303	104
ACH220EQ-60AM	S	3287118792	3438	188 x 190 x 616	30.2	3456539304	108
ACH220EQ-76AM	S	3287118794	4113	221 x 190 x 616	35.8	3456539306	119
High pressure units all soldering: Connections S1/S2: D25 (42 mm) - D21 (2 1/8"), S3: L54 L55 L56 L63 (1 1/8"), S4: D21 (2 1/8") Soldering							
ACH220EQ-36AM	S	3287118798	2418	128 x 190 x 616	21.1	3456539302	97.8
ACH220EQ-50AM	S	3287118799	3009	157 x 190 x 616	26.2	3456539303	104
ACH220EQ-68AM	S	3287118800	3770	194 x 190 x 616	32.4	3456539305	113
ACH220EQ-86AM	S	3287118801	4567	233 x 190 x 616	38.9	3456539307	122
ACH220EQ-102AM	S	3287118802	5243	266 x 190 x 616	44.6	3456539309	129
ACH220EQ-118AM	S	3287118803	5908	299 x 190 x 616	50.1	3456539310	133

S = Stock unit



AC220EQ / ACH200EQ EXTRAS

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Kit/Adaptor for sensor					
2" to ½" adaptor for water connect. B23	S	3456111401	44.7	0.3	
Kit/Blind plug					
2" plug to close water connection B23	S	3456111301	25	0.3	
Rigid feet					
Rigid feet	S	3456544501	198	3.8	
Screw fittings					
DN50 2" Pipe & Nut: CS Gasket included include 2 pcs	S	3456631601	66.6	1.1	Welding type
DN50 2" Pipe & Nut: CS Gasket included include 30pcs	S	3456631602	904	15.8	
DN40 2" Pipe & Nut: CS Gasket included include 2 pcs	S	3456632501	74.9	1.1	
DN40 2" Pipe & Nut: CS Gasket included, include 30pcs	S	3456632502	1011	15.8	
42 mm Pipe: Brass; Nut: CS. Gasket included, include 2 pcs	S	3456634401	125	0.8	Soldering type
54 mm Pipe: Brass; Nut: CS. Gasket included, include 2 pcs	S	3456631801	135	0.9	
Extra gasket fitting for 2" couplings,include 2 pcs	S	3456639901	5		
Extra gasket fitting for 2" couplings,include 50 pcs	S	3456639902	112	0.2	
Extra gasket fitting for 2½" couplings, include 2 pcs	S	3456640001	5		
Protective insulation type P					
Prefabricated insulation jacket with 19 mm closed cell expanded elastomer with 0.5 mm external PVC protection layer. Max. temperature: 100°C Min. temperature: -45°C. For item number and sizes, please look at extras for CB112.					

S = Stock unit



AC500EQ Single circuit

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

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

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-196/+150, -196/+150
Design pressure (bar) (S3/S4, S1/S2)	32 / 32
Max nbr of plates available	270

HEAT EXCHANGER					
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S3:Soldering M66–M65–M64 (42.2 mm), S4: Soldering L33 (2$\frac{5}{8}$"), L35 (3$\frac{1}{8}$"), S1/S2: Internal thread C31 (FBSP $\frac{1}{2}$"), T1/T2: Victaulic clamp P35 (3")					
AC500EQ-120H (M66,L35,C31)(P35-T1-T2)B	S	3287076465	7888	452 x 322 x 739	112.9
AC500EQ-150H (M66,L35,C31)(P35-T1-T2)B	S	3287076466	9160	506 X 322 X 739	138.1
AC500EQ-180H (M66,L35,C31)(P35-T1-T2)B	S	3287076467	10428	584 X 322 X 739	163.3

S = Stock unit

EXTRAS			Article no.	Price	Weight kg/unit
Kit water connections					
Kit for P35 connection 3" (Included in kit: 2 flexible joint clamps, 2 counter pipes)		S	3456106601	130	4.1
Kit feet and lifting lugs					
Kit feet (2 feet, 4 nuts M8, 2 washers)		S	3456294101	90.5	2.3
Kit lifting lugs (2 lifting lugs, 4 nuts M10, 2 washers)		S	3456137801	34.3	0.6

S = Stock unit



CB30 / CBH30

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

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

		PED
CB30	Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
	Design pressure (S3/S4, S1/S2) at 150°C	36 / 36
	Max nbr of plates available	150
CBH30	Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
	Design pressure (S3/S4, S1/S2) at 150°C	45 / 45
	Max nbr of plates available	150

HEAT EXCHANGER						Insulation type P	
Model		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit	Article no.	Price
Connections: S3/S4: Soldering H21 (1"½) S1/S2: External thread B21 (BSP 1")							
CB30-10H (H21, B21)	S	3287083780	328	60 X 113 X 313	3.0	3456213901	58.2
CB30-14H (H21, B21)	S	3287083781	369	69 X 113 X 313	3.5	3456213901	58.2
CB30-20H (H21, B21)	S	3287083782	431	83 X 113 X 313	4.1	3456213902	60.3
CB30-24H (H21, B21)	S	3287083783	467	92 X 113 X 313	4.6	3456213902	60.3
CB30-30H (H21, B21)	S	3287083784	531	106 X 113 X 313	5.2	3456213903	62.4
CB30-34H (H21, B21)	S	3287083785	576	116 X 113 X 313	5.7	3456213903	62.4
CB30-40H (H21, B21)	S	3287083786	634	129 X 113 X 313	6.4	3456213904	64.5
CB30-50H (H21, B21)	S	3287083787	736	153 X 113 X 313	7.5	3456213905	66.6
CB30-60H (H21, B21)	S	3287083788	842	176 X 113 X 313	8.6	3456213906	68.6
CB30-70H (H21, B21)	S	3287083790	945	199 X 113 X 313	9.7	3456213907	71.8
CB30-100H (H21, B21)	S	3287083791	1251	268 X 113 X 313	13.0	3456213908	79
High pressure and all soldering units with stud bolts							
CBH30-30H-F (H21, H21)	S	3287094598	653	104 X 113 X 313	5.5	3456213903	62.4
CBH30-40H-F (H21, H21)	S	3287094599	752	127 X 113 X 313	6.6	3456213904	64.5
CBH30-50H-F (H21, H21)	S	3287094600	852	151 X 113 X 313	7.7	3456213905	66.6
Connections: S3/S4: Soldering L24 (1"½) S1/S2: Soldering H21 (1"½)							
CBH30-10L (L24, H21)	S	3287108653	435	58 X 113 X 313	3.3	3456213901	58.2
CBH30-30L (L24, H21)	S	3287108655	699	104 X 113 X 313	5.5	3456213903	62.4

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Wall mounting bracket					
(Rubber coated clamp, to be assembled around the plate package)	S	3236020426	119	0.7	Not suitable together with insulation.
Screw fittings					
DN20 1"; Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456632201	25	0.3	Welding type
DN20 1"; Pipe: CS; Nut: CS. Gasket included, include 50 pcs	S	3456632202	562	8.0	
22 mm 1"; Pipe: Brass; Nut: CS. Gasket included, include 2 pcs	S	3456634501	36.4	0.2	Soldering type
22 mm 1"; Pipe: Brass; Nut: CS. Gasket included, include 50 pcs	S	3456634502	820	6.0	
Extra gasket fitting for 1" couplings include 2 pcs	S	3456636001	2.7		
Protective insulation type P					
Prefabricated insulation jacket with 19 mm closed cell expanded elastomer with 0.5 mm external PVC protection layer.					
Max temperature 110°C. Min. temperature -45°C					
Protective insulation type P 10-14 plates	S	3456213901	58.2	0.1	
Protective insulation type P 20-24 plates	S	3456213902	60.3	0.2	
Protective insulation type P 30-34 plates	S	3456213903	62.4	0.2	
Protective insulation type P 40 plates	S	3456213904	64.5	0.2	
Protective insulation type P 50 plates	S	3456213905	66.6	0.2	
Protective insulation type P 70 plates	S	3456213907	71.8	0.3	
Protective insulation type P 100 plates	S	3456213908	79	0.4	

S = Stock unit



CB60 / CBH60

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

		PED
CB60	Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
	Design pressure (S3/S4, S1/S2) at 150°C	36 / 36
	Max nbr of plates available	150
CBH60	Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
	Design pressure (S3/S4, S1/S2) at 150°C	45 / 45
	Max nbr of plates available	150

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
4 connections with stud bolts Connections: S3/S4: Soldering H21 (1½") S1/S2: External thread B21 (BSP 1")					
CB60-10H-F (H21,B21)	S	3287079131	444	60 X 113 X 527	4.5
CB60-20H-F (H21,B21)	S	3287079133	601	83 X 113 X 527	6.3
CB60-30H-F (H21,B21)	S	3287079135	756	107 X 113 X 527	8.1
CB60-40H-F (H21,B21)	S	3287079136	912	130 X 113 X 527	9.8
CB60-50H-F (H21,B21)	S	3287079137	1067	153 X 113 X 527	11.6
CB60-60H-F (H21,B21)	S	3287079138	1223	176 X 113 X 527	13.3
CB60-70H-F (H21,B21)	S	3287087333	1382	199 X 113 X 527	15.1
CB60-80H-F (H21,B21)	S	3287087334	1532	223 X 113 X 527	16.9
CB60-90H-F (H21,B21)	S	3287087335	1688	246 X 113 X 527	18.6
CB60-1000H-F (H21,B21)	S	3287086473	1846	269 X 113 X 527	20.4

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit
Kit/Adaptor for sensor				
1" to ½" adaptor for water connect. B21	S	3456111601	23.9	0.1
Kit/Blind plug				
1" plug to close water connect. B21	S	3456111501	19.8	0.1
Wall mounting bracket (Not suitable together with insulation)				
Rubber coated clamp, to be assembled around the plate package.	S	3236020426	119	0.7
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 certificate. All including components are made in acid proof stainless steel material and brazed in vacuum furnace using 100% copper filler material.

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

Auxiliaries: Couplings and fastening device.

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
Design pressure (S3/S4, S1/S2) at 150°C	27 / 27
Max nbr of plates available	240

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2: BSP 2" External thread S3/S4: 2 1/8" Soldering connections with stud bolts Special units to be used as desuperheater or oil cooler					
L-channels					
CB110-20L (D21,B23)	S	3287118746	1455	114 X 191 X 616	14.9
CB110-30L (D21,B23)	S	3287118747	1785	140 X 191 X 616	18.1
CB110-40L (D21,B23)	S	3287118748	2112	165 X 191 X 616	21.6
CB110-50L (D21,B23)	S	3287118749	2440	191 X 191 X 616	24.9
CB110-60L (D21,B23)	S	3287118750	2768	217 X 191 X 616	28.1
M-channels					
CB110-30M (D21,B23)	S	3287118756	1785	140 X 191 X 616	18.1

S = Stock unit



CB112

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

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

Auxiliaries: Couplings and fastening device.

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
Design pressure (S3/S4, S1/S2) at 150°C	32 / 32
Max nbr of plates available	300

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections: S1/S2: BSP 2" External thread S3/S4: 2 1/2" Soldering connections					
AM-channels					
CB112-16AM (D21,B23)F1	S	3287118397	1478	97 X 191 X 616	14.0
CB112-26AM (D21,B23)F1	S	3287118398	1869	118 X 191 X 616	17.5
CB112-34AM (D21,B23)F1	S	3287118399	2180	134 X 191 X 616	20.3
CB112-42AM (D21,B23)F1	S	3287118400	2489	151 X 191 X 616	23.1
CB112-52AM (D21,B23)F1	S	3287118401	2881	171 X 191 X 616	26.8
CB112-60AM (D21,B23)F1	S	3287118402	3192	188 X 191 X 616	29.6
CB112-68AM (D21,B23)F1	S	3287118403	3511	204 X 191 X 616	32.4
AH-channels					
CB112-32AH (D21,B23)	S	3287118408	2038	130 X 191 X 616	19.6
CB112-40AH (D21,B23)	S	3287118409	2350	146 X 191 X 616	22.4
CB112-48AH (D21,B23)	S	3287118410	2661	163 X 191 X 616	25.4
CB112-64AH (D21,B23)	S	3287118412	3286	196 X 191 X 616	31.0
CB112-80AH (D21,B23)	S	3287118414	3910	229 X 191 X 616	36.6
CB112-96AH (D21,B23)	S	3287118416	4534	262 X 191 X 616	42.2
CB112-112AH (D21,B23)	S	3287118703	5158	295 X 191 X 616	47.8
CB112-128AH (D21, B23)	S	3287118704	5782	328 X 191 X 616	53.4

S = Stock unit



CB110 / CB112 Extras

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Kit/Adaptor for sensor					
2" to ½" adaptor for water connect. B23	S	3456111401	44.7	0.3	
Kit/Blind plug					
2" plug to close water connection B23	S	3456111301	25	0.3	
Rigid feet					
Rigid feet	S	3456544501	198	3.8	
Screw fittings					
DN50 2" Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456631601	66.6	1.1	Welding type
DN50 2" Pipe: CS; Nut: CS. Gasket included, include 30 pcs	S	3456631602	904	15.8	
DN40 2" Pipe: CS; Nut: CS. Gasket included, include 2 pcs	S	3456632501	74.9	1.1	Welding type
DN40 2" Pipe: CS; Nut: CS. Gasket included, include 30pcs	S	3456632502	1011	15.8	
42 mm Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456634401	125	0.8	
54 mm Pipe: Brass; Nut: CS, Nut: CS. Gasket included include 2 pcs	S	3456631801	135	0.9	
Extra gasket fitting for 2" couplings, include 2 pcs	S	3456639901	5		Soldering type
Extra gasket fitting for 2" couplings, include 50 pcs	S	3456639902	112	0.2	Soldering type
Extra gasket fitting for 2½" couplings, include 2 pcs	S	3456640001	5		Soldering type
Protective insulation type P Prefabricated insulation jacket with 19 mm closed cell expanded elastomer with 0.5 mm external PVC protection layer. Max. temperature: 100°C / Min. temperature: -45°C					
Protective insulation type P Max 30 plates	S	3456539301	93.6	0.7	
Protective insulation type P Max 40 plates	S	3456539302	97.8	0.7	
Protective insulation type P Max 50 plates	S	3456539303	104	0.8	
Protective insulation type P Max 60 plates	S	3456539304	108	0.8	
Protective insulation type P Max 70 plates	S	3456539305	113	0.9	
Protective insulation type P Max 80 plates	S	3456539306	119	0.9	
Protective insulation type P Max 90 plates	S	3456539307	122	1.0	
Protective insulation type P Max 100 plates	S	3456539308	125	1.0	
Protective insulation type P Max 110 plates	S	3456539309	129	1.1	
Protective insulation type P Max 120 plates	S	3456539310	133	1.1	
Protective insulation type P Max 130 plates	S	3456539311	138	1.2	
Protective insulation type P Max 140plates	S	3456539312	141	1.2	
Protective insulation type P Max 150 plates	S	3456539313	146	1.3	

S = Stock unit



CB200

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

The units are manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested and leakage tested with water. For refrigeration applications, the units are dried with hot air.

The units are delivered with flanges as standard design.

Auxiliaries: Couplings.

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-196/+125
Design pressure (bar) (S3/S4, S1/S2)	27 / 27
Max nbr of plates available	230

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections					
Water side (S1/S2): Flange connection (loose type) DN80 - PN25, denomination: LFS23					
Refrigerant side (S3/S4): Welding connection (88.9 mm), denomination: WS21					
High theta units					
CB200-80H (WS21, LFS23)	S	3287073397	6198	387 X 324 X 742	82.7
CB200-100H (WS21, LFS23)	S	3287072671	7104	441 X 324 X 742	94.7
CB200-124H (WS21, LFS23)	S	3287073398	8192	506 X 324 X 742	109.1
CB200-150H (WS21, LFS23)	S	3287073399	9372	576 X 324 X 742	124.7
CB200-174H (WS21, LFS23)	S	3287073400	10459	641 X 324 X 742	139.1

S = Stock unit



CBXP & AXP

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

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

Auxiliaries: feet.

CBXP27

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-196/+225
Design pressure (S3/S4, S1/S2) at 90°C	90
Max nbr of plates available	150

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections S1/S2: Soldering 1 3/8". S3/S4: Soldering 7/8".					
CBXP27-10L-F	S	3287123665	685	351 X 390 X 990	86.1

S = Stock unit

AXP27

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-10/+150
Design pressure (bar) (S3/S4, S1/S2)	130 / 130
Max nbr of plates available	150

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections S1/S2: External thread 1 1/4". S3/S4: Welding 33.7 mm.					
AXP27-20L-F	S	3287107520	1620	351 X 390 X 990	86.1

S = Stock unit

AXP52

	PED
Design temperature °C min/max (S3/S4, S1/S2)	-10/+150
Design pressure (bar) (S3/S4, S1/S2)	130 / 130
Max nbr of plates available	150

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections S1/S2: External thread 1". S3/S4: Soldering 7/8".					
AXP52-64H-F	S	3287107094	2917	351 X 390 X 990	86.1
Connections S1/S2: External thread 1 1/4". S3/S4: Welding 33.7 mm					
AXP52-150H-F	S	3287106412	4827	351 X 390 X 990	86.1

S = Stock unit

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



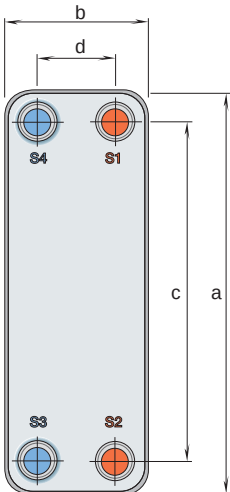
AlfaNova 52



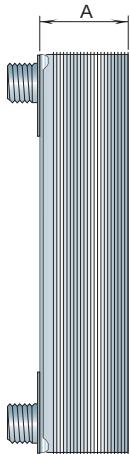
AlfaNova 76



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 27 - AlfaNova HP 27

The 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
AlfaNova 27	Design temperature °C min/max (S3/S4, S1/S2)	-196/+550
	Design pressure (S3/S4, S1/S2) at 175°C	27 / 22
	Max nbr of plates available	100
AlfaNova HP 27	Design temperature °C min/max (S3/S4, S1/S2)	-196/+550
	Design pressure (S3/S4, S1/S2) at 175°C	36 / 36
	Max nbr of plates available	100

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections S1/S2: BSP 1" External thread S3/S4: 1 1/8" Soldering connections					
AlfaNova 27-20H (H21, B21)	S	3287000926	1001	83 X 111 X 310	4.4
AlfaNova 27-30H (H21, B21)	S	3287000928	1267	108 X 111 X 310	5.7
AlfaNova 27-40H (H21, B21)	S	3287000930	1529	132 X 111 X 310	7.0
AlfaNova 27-50H (H21, B21)	S	3287000931	1792	156 X 111 X 310	8.3
High pressure units					
AlfaNova HP 27-20H (H21, B21)	S	3287000932	1377	83 X 111 X 310	4.7
AlfaNova HP 27-30H (H21, B21)	S	3287000934	1643	108 X 111 X 310	6.0
AlfaNova HP 27-40H (H21, B21)	S	3287000936	1904	132 X 111 X 310	7.3

S = Stock unit

Fusion bonded plate heat exchangers



AlfaNova 52 - AlfaNova HP 52

The 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
AlfaNova 52	Design temperature °C min/max (S3/S4, S1/S2)	-196/+550
	Design pressure (S3/S4, S1/S2) at 175°C	27 / 22
	Max nbr of plates available	150
AlfaNova HP 52	Design temperature °C min/max (S3/S4, S1/S2)	-196/+550
	Design pressure (S3/S4, S1/S2) at 175°C	36 / 36
	Max nbr of plates available	150

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connections					
S1/S2: BSP 1" External thread					
S3/S4: 1½" Soldering connections					
AlfaNova 52-20H (H21,B21)	S	3287000938	1477	85 X 111 X 526	7.0
AlfaNova 52-30H (H21,B21)	S	3287000940	1865	109 X 111 X 526	9.2
AlfaNova 52-40H (H21,B21)	S	3287000942	2260	134 X 111 X 526	11.3
AlfaNova 52-50H (H21,B21)	S	3287000943	2655	159 X 111 X 526	13.5
AlfaNova 52-60H (H21,B21)	S	3287051926	3050	184 X 111 X 526	15.6
High pressure units					
AlfaNova HP 52-30H (H21,B21)	S	3287000946	2366	109 X 111 X 526	9.4
AlfaNova HP 52-40H (H21,B21)	S	3287000948	2762	134 X 111 X 526	11.7

S = Stock unit



AlfaNova 76 - AlfaNova HP 76

The plate heat exchangers are secured according to DIN ISO9001 certificate. All including components are made in acid proof stainless steel material.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: Couplings and fastening device.

		PED
AlfaNova 76	Design temperature °C min/max (S3/S4, S1/S2)	-196/+550
	Design pressure (S3/S4, S1/S2) at 175°C	27 / 22
	Max nbr of plates available	150
AlfaNova HP 76	Design temperature °C min/max (S3/S4, S1/S2)	-196/+550
	Design pressure (S3/S4, S1/S2) at 175°C	36 / 36
	Max nbr of plates available	150

HEAT EXCHANGER		Article no.	Price	Plate pack dimension (mm) LxWxH	Weight kg/unit
Connection J23 (2 welding) Stud bolts for feet included					
AlfaNova 76-30H (J23,J23)	S	3287000849	3486	137 X 191 X 618	23.5
AlfaNova 76-50H (J23,J23)	S	3287000851	4781	194 X 191 X 618	33.5
AlfaNova 76-64H (J23,J23)	S	3287050285	5742	233 X 191 X 618	40.3
AlfaNova 76-80H (J23,J23)	S	3287000853	6805	279 X 191 X 618	48.0
AlfaNova 76-100H (J23,J23)	S	3287000855	8134	336 X 191 X 618	57.7
High pressure units					
AlfaNova HP 76-30H (J23,J23)	S	3287000775	4501	137 X 191 X 618	25.7
AlfaNova HP 76-50H (J23,J23)	S	3287000777	5777	194 X 191 X 618	35.7
AlfaNova HP 76-64H (J23,J23)	S	3287000778	6705	233 X 191 X 618	42.5
AlfaNova HP 76-80H (J23,J23)	S	3287000779	7693	279 X 191 X 618	50.2
AlfaNova HP 76-100H (J23,J23)	S	3287000774	8970	336 X 191 X 618	59.5

S = Stock unit

EXTRAS		Article no.	Price	Weight kg/unit	Comment
Kit/Adaptor for sensor					
2" to ½" adaptor for water connect. B23	S	3456111401	44.7	0.3	
Rigid feet					
Rigid feet	S	3456544501	198	3.8	Includes two feet. Note that the unit must be ordered with stud bolts.

S = Stock unit

Gasketed heat exchangers



Semi-welded plate heat exchangers for refrigeration

Flooded and DX Evaporators for general cooling and refrigeration. Condensers including foulant and corrosive cooling waters. Desuperheaters including heat recovery. Oil coolers with water. Common refrigerants are Ammonia, HFC and HC. Among media to cool or heat are solutions of Glycol, inorganic salts, organic non aromatic fluids, Ammonia - water, corrosive and hygienic fluids.

Model	M6-MW	M10-BW	MK15-BW	TK20-BW	T20-MW/T20-BW	MA30-W
Capacity range, RT	10-70	50-250	100-450	200-700	300-1100	700-3000
Capacity range, kW	35-250	175-875	350-1575	700-2450	1050-8750	2450-10500
Pressure range, bar (g), vacuum to...	25	55 (63)*	40	63	25**	25
Temperature range, °C	-45 to +150	-45 to +150	-45 to +150	-45 to +150	-45 to +150	-45 to +120
Connection size (mm)	50	100	150	200	200	300
Height, mm	940	981	1486	1525	2260/2140	3061
Width, mm	330	470	650	740-790	780	1170
Length, mm	545-1595	575-2175	1110-3810	910-3310	1125-3825	1620-4520
Weight, kg	175-425	375-1100	1400-2700	1400-3500	2350-5050	6350-11950

* 2015/2016

** Higher than 25 bar on request

Construction

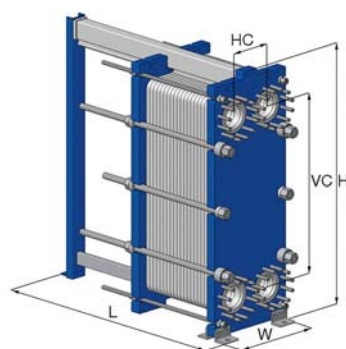
Refrigerant 2-phase enclosed within laser welded plate pairs to form a channel. Liquid enclosed within gasketed channels. Double gaskets and welds with vents to prevent internal contamination. Materials as standard are stainless AISI 316, AISI 304, AISI 254 and Titanium.

Features

Thermal efficiency giving small dimensions and low weight. Small fouling and efficient chemical cleaning. Flexible construction giving resistance to pressure/temperature fatigue and freezing. Serviceable by easy opening. Extendable and adaptable by adding plates and changing plates. External leak detection with no internal contamination.

Pressure vessel codes

Standard codes are PED, ASME, ALS and others on request.



Gasketed plate heat exchangers

The plate heat exchanger consists of a pack of corrugated metal plates with portholes for the passage of the two fluids between which heat transfer will take place. The plate pack is assembled between a fix frame plate and a movable pressure plate and compressed by tightening bolts. The plates are fitted with a gasket which seals the interplate channel and directs the fluids into alternate channels. The number of plates is determined by the flow rate, physical properties of the fluids, pressure drop and temperature program.

Small gasketed plate heat exchangers

Model	T2	M3	TL3	T5	TL6	M6	TS6
Height, mm H	380	480	790	737	1264	920	704
Width, mm W	140	180	190	245	320	320	400
Min. standard length, mm L	165	400	420	190	615	500	530
Max. standard length, mm L	275	650	1370	365	1665	1500	1430
Vertical port distance, mm VC	298	357	668	553	1036	640	380
Horizontal port distance, mm HC	50	60	60	100	140	140	203
Max. temperature, °C	180	180	180	180	180	180	180
Max. pressure, bar	16	16	16	16	25	25	16
Flow principle	Parallel	Parallel	Parallel	Parallel	Parallel	Parallel	Parallel

Medium gasketed plate heat exchangers

Model	T8	M10	TL10	M15	TL15
Height, mm H	890	1084	1885	1885	2672
Width, mm W	400	470	480	610	610
Min. standard length, mm L	565	700	850	1150	928
Max. standard length, mm L	1815	2300	2350	2050	4368
Vertical port distance, mm VC	606	719	1338	1294	2035
Horizontal port distance, mm HC	196	225	225	298	288
Max. temperature, °C	180	180	160	180	180
Max. pressure, bar	16	25	25	25	30
Flow principle	Parallel	Parallel	Parallel	Parallel	Parallel

Large gasketed plate heat exchangers

Model	TS20	T20	MX25	TS35	T35	TL35
Height, mm H	1405	2150	2595	2375	2875	3210
Width, mm W	740	750	920	1174	1174	1506
Min. standard length, mm L	900	1250	1550	2116	2116	2195
Max. standard length, mm L	2700	3350	3350	6280	6280	4595
Vertical port distance, mm VC	698	1478	1939	1433	1933	2177
Horizontal port distance, mm HC	363	353	439	578	578	578
Max. temperature, °C	180	180	180	180	180	180
Max. pressure, bar	30	30	25	25	25	30
Flow principle	Parallel	Parallel	Parallel	Parallel	Parallel	Parallel

¹⁾ Height and width based on 10 bar (g) frames. Height may differ when the number of plates/unit is large. Max. flow rate should be seen as an indication only, as it depends on media, permitted pressure drop and temperature program.

Plate and gasket materials

Plates can be obtained in all pressable materials. The most common materials are: stainless steel AISI 304, AISI 316, and titanium. Gaskets are available in a wide range of elastomers. The most common are: nitrile and EPDM.

Max pressure and temperature

All models are available with different frame designs and different plate thickness depending on the required design pressure. The maximum temperature is depending on the gasket material used, and the working pressure.

Approvals

Alfa Laval PHEs are available with different PV approvals, CE mark according to PED, ASME and other local approvals.

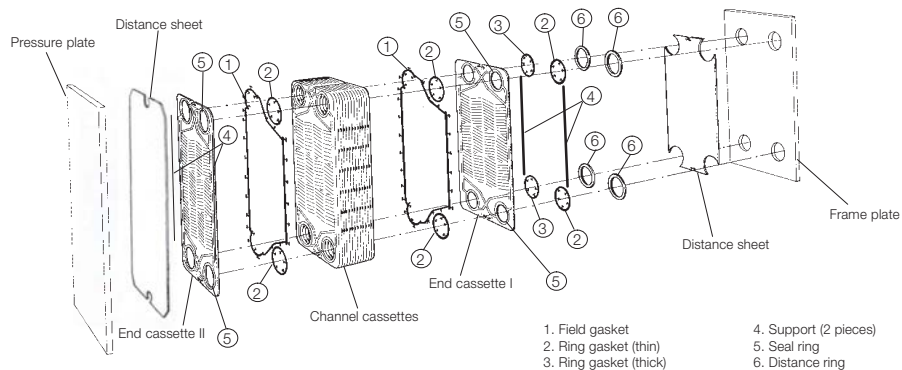
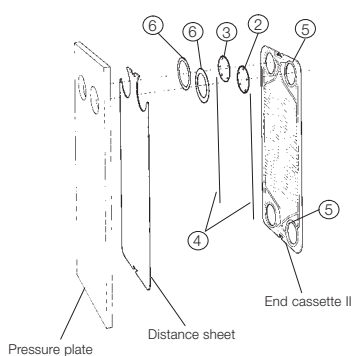
Accessories

Product accessories like insulation (heating and cooling) and drip trays are available.

Selection and pricing

Please contact your local Alfa Laval representative for design assistance and pricing. You can find contact details for Alfa Laval companies around the world on our Internet site www.alfalaval.com.

With connections in the pressure plate



Non-stop performance

Nonstop performance of the plate heat exchanger (PHE) depends on how clean the plates are, and on the PHE's gasket conditions.

Cleaning

Cleanliness, or lack of fouling and scaling is dependent on the medias 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 of 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.

When the PHE shows signs of over-heating and/or poor efficiency it is time for CIP. In order to prevent reaching this point one should clean the unit on regular basis in a Preventive Maintenance program.

Spare parts

Depending of duty and environment the gaskets reach a point where they do not function well. The gasket material has reached the end of its operational life time. This is caused by the working environment, as pressure, temperature, time, processing medias, amount of starts and stops. If the heat exchanger is serviced and monitored regularly in a Preventive Maintenance program the unit does not have to start leak or function poor. Exchange of gaskets shall be performed at regular base, before malfunction as leakage or loss of efficiency occurs.

In order to minimize the risk of emergency shutdowns and loss of production capacity the maintenance stops as CIP and re-gasketing should be well planned ahead. If the PHE process is critical for the installation it could be advisable to have an exchange plate pack in stand-by, is called a strategic plate pack.



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



Auxiliary equipment / Tightening devices

No more excuses of not being able to open and service the gasketed PHE exist. There is a universal pneumatic tightening device that eases the opening and closure of the heat exchanger. This one is available in both single and double models. When compressed air is not available an electric tightening device is available. If neither air nor electricity is available a Ratchet spanner is the only tool to use in order to open and close the PHE. Please specify width of the jaws and the measurements over the flats across the bolts.

Model	Description	Article no.	Weight / Volume	Price
Pneumatic tightening devices				
PHETD80: single*	As below	3284042101	20 kg	14412
PHETD80: double**	As below	3284043301	40 kg	27013
Electric tightening devices				
PHE-ETD80	As below	3284043501	23 kg	13363
Socket key				
Socket key 80/75	M48, NV75, M15	3284000401		1408
Socket key 80/60	M39, NV6	3284000402		1148
Socket key 80/46	M30	3284000403		915
Socket key 46/36	M24	3284000404		778
Socket key 80/65		3284000405		1181
Socket key 80/55		3284000406		1014
Other				
Pneumatic wrench unit LMP51 0001-25		3284042201		9852
Adapter		3284042301		1795
Bracket for air handling unit		3284042401		184
Y-piece connector		3284042501		29
Nipple Ergoquick 10	M15 R1½"	3284042601		21
Coupling Ergoquick 10	M15 R1½"	3284042701		141
Set of air hoses	5 m incl. connectors	3284042801		167
Air handling unit with regulator/filter/lubricator		3284042901		649
Lubrication oil		3284043001	1 l	63
Hard box	1140 x 740 x 400 mm	3284043101		215
Gearbox SG80A		3450149401		2553
Safety cover x 2		3284043201		326

* Incl.

3284042401
3284042501
3284042601
3284042701
3284042901

** Incl.

3284042401
3284042501
3284042601
3284042701
3284042901
3284042801

Technical specification tightening devices

	PHETD80	PHE-ETD80
Nut width	80 mm	80 mm
Torque max.	3 270 Nm	3 200 Nm
Speed max.	3.75/9 rpm	6 rpm
Weight per piece	17 kg	23 kg
Max. sound level	79 dB (A)	86 dB (A)
Max. air pressure	6.3 bar	
Min. air pressure	3.0 bar	
Air consumption at NTP	19 l/s	
Size	540 x 250 mm	620 x 320 mm
Voltage		100-250 V / 45-66 Hz
Current max.		10 A



Auxiliary equipment / Tightening devices

Other equipment that will benefit your heat exchanger and help you to service, protect and maintain it are: Ratchet spanners to manually open and close the unit. Filters help you to get a trouble-free operation, increases the operating lifetime for the heat exchanger. There are: An automatic self-cleaning pressure filter, mounted directly on the piping system and removes large particles from the liquid. Or a port filter protecting from intermittent fouling or foreign objects from entering during system start-up.

NEWS: The Alfa Laval nutrunner and thread cleaner is a compressed air powered service tool designed to transport nuts on long threads and to efficiently clean bolt threads from rust and dirt.

Model	Description	Article no.	Weight / Volume	Price
Ratchet spanner				
Socket	Width 24 mm, M16	3222031006	0.6 kg	227
Socket	Width 30 mm, M20, NV30	32220310201	0.6 kg	201
Socket	Width 36 mm, M24	3222031016	1.4 kg	323
Socket	Width 46 mm, M30	3222031015	3.0 kg	358
Socket	Width 50 mm, NW50	3222031003	2.5 kg	604
Socket	Width 60 mm, M39, NV6	3222031017	3.5 kg	330
Socket	Width 70 mm, NW70	3222031005	7.4 kg	1316
Socket	Width 75 mm, M48, NV75, M15	3222031018	7.8 kg	3166
Socket	Width 80 mm, M39, M48, M52 NV80	3222031951	8.0 kg	449
Auxiliaries, touch-up and protection				
PHEN80 Thread cleaner of tightening bolts				
Complete kit NUT RUNNER, thread cleaner		3284046801		3199
Nut runner	Incl. drive unit	3284046802		2117
Spare kit A	Washers, o-rings	3284046808		136
Spare kit B	Cutting edges	3284046809		1217
Socket key	AI 80-46	3284046812		133
Socket key	AI 80-65	3284046814		133
Bolt protection sleeves	M24, per meter	1995101086		10
Bolt protection sleeves	M30, per meter	1995101082		10
Bolt protection sleeves	M39, per meter	1995101079		11
Bolt protection sleeves	M48, per meter	1995101081		14
Glue GC11	2 comp epoxy	3490008393	1 l	424
Glue GC8	Field service 1 comp	3222031793	0.82 l	61
Glue GC1	Adhesive transfer tape	3233084071		14
GC1 gun	Adhesive gun GC1	Tejppistol		287
Thermometers				
Temperature range	10 to 100°C	3224903611		1162
Temperature range	0 to 150°C	3224903613		on request

Training tools	Article no.	Price
Alfa Laval service program PHE reconditioning film (in English on CD for PC & Mac)	PS00005ENCD	11
Do it yourself PHE reconditioning instruction film (in English on CD for PC & Mac)	PS00004ENCD	11
Cleaning-in-Place for heat exchangers - instruction film (in English on CD for PC & Mac)	PS00020EN	11
Heat exchanger service guide (booklet)	VW67222E	20

Model	Minimum flow m³/h	Maximum flow m³/h	Flushing flow m³/h	Comment
Filters, automatic self cleaning				
ALF 10	45	140	25	Please contact your local Alfa Laval representative for quotations.
ALF 20	180	570	95	
ALF 30	400	1300	210	
ALF 40	700	2210	380	
ALF 50	1100	3450	600	
ALF 60	1600	5000	600	

Model	Material	Mesh size	Plate thickness	Design pressure	Comment
Refrigerant distributor					
Available for all plate heat exchangers of M type with porthole size 100 mm and larger					
	AISI 316	1.5 mm & 2.33 mm	1.5 mm	10 barg	Please contact your local Alfa Laval representative for quotations.
Port filters					
Available for all plate heat exchangers of M type with porthole size 100 mm and larger					
	AISI 316	1.5 mm & 2.33 mm	1.5 mm	10 barg	Please contact your local Alfa Laval representative for quotations.

Shell-and-tube heat exchangers

Designations

- OR = On Request
- NA = Not Available

Pressure vessel approvals

To identify the requested pressure vessel approval, please add the following abbreviation after the denomination of the model (for instance DXD 200 CE):

BV - Conformity to Bureau Veritas
NR13 - Conformity to NR13
CE - European Unit (conformity to EU directive PED 97/23/CE)
SELO - People's Republic of China (Import Boiler and Pressure Vessel Safety quality License)
EAC - Russia (Conformity to Pressure Vessel Passport of Russia)
ASME** - USA (Conformity to ASME VIII div. 1 (2013 edition)
DNV - Conformity to Det Norske Veritas' rules for Classification of Ships
GL - Conformity to Germanischer Lloyd's Rules for Classification and Construction
LR - Lloyd's Register
RINA - Conformity to Registro Italiano Navale's Rules (Boilers and Pressure Vessels)
RS - Conformity to the Rules of Russian Maritime Register of Shipping

In case of units required with conformity to a marine classification society rule (DNV, GL, LR, RINA, BV, RS), a final test witnessed by an inspector of the classification society is mandatory. A net price contribution, depending on the approval (please check the price list), has to be added. In case of units required with conformity to a marine classification society rule (not present in price list yet). Please contact your Alfa Laval local sales organisation to have the correct price in accordance with specific marine classification.

** Evaporators and condensers are supplied with ASME approval and UM stamp. Big size evaporators and condensers are supplied with ASME approval and U stamp requiring the final test of the product witnessed by an ASME inspector. In case of order including U stamp units, a cost contribution of 1200 EUR (max three units) will be required. Please contact your Alfa Laval local sales organisation to receive the list of units included in the UM and in the U stamp lists.

Documentation

- The prices of the approved models include the documentation required by the selected approval.
In case of CE approval, the products will be supplied with CE declaration of conformity, instruction manual and CE data label.

- In case of different documentation required consider table below:

Article no.	Documentation description	Details	Net price *
59800302	Welding books	Maps, welder approvals for each item	60
59800303	Mechanical calculation	For each item number	500
59800304	Pressure test	For each unit	50
59800305	Material traceability	For each unit	50
59800306	Non destructive test	Penetrant liquids for each unit	75

Packaging

Standard prices include fumigated packaging (pallet for deliveries within Italy, wooden crate for shipments outside Italy). Special packaging solutions to be agreed with Alfa Laval Alonte manufacturing.

Painting

Products are supplied with a black (RAL 9011) 30 micron primer painting.

* These prices are fixed and cannot be discounted.



DM Shell-and-tube dry expansion evaporators

The new DM evaporator has been developed for commercial and industrial refrigeration cooling applications medium temperatures, as supermarket or industrial process cooling. The DM design has been optimized for R407F and R134a refrigerants. With its innovative single-pass counter-current design, the Alfa Laval new DM shell and-tube evaporator series guarantees maximum efficiency.

Cooling capacity up to 1000 kW in medium temperature conditions (-4/-8°C prop glycol 38%, tevap: -12°C). Design temperature: -40°C

Model	CE Price	EAC Price	Welded supports Price	Vic-Flanges Price	Insulation basic* Price	Insulation premium* Price
DM1-225-2	6775	6910	116	384	896	1577
DM1-226-2	7198	7342	116	384	896	1577
DM1-227-2	7744	7899	116	384	896	1577
DM1-276-2	10092	10294	192	412	977	1720
DM1-277-2	10496	10706	192	412	977	1720
DM1-326-2	13713	13987	192	464	1032	1817
DM1-327-2	14203	14487	192	464	1032	1817
DM1-328-2	14980	15280	192	464	1032	1817
DM1-225-3	7207	7351	116	384	954	1677
DM1-226-3	7658	7811	116	384	954	1677
DM1-227-3	8239	8403	116	384	954	1677
DM1-276-3	10736	10951	192	412	1040	1829
DM1-277-3	11166	11389	192	412	1040	1829
DM1-326-3	14588	14880	192	464	1098	1932
DM1-327-3	15110	15412	192	464	1098	1932
DM1-328-3	15936	16255	192	464	1098	1932
DM2-225-2	6913	7051	116	384	896	1577
DM2-226-2	7345	7492	116	384	896	1577
DM2-227-2	7902	8060	116	384	896	1577
DM2-276-2	10298	10504	192	412	977	1720
DM2-277-2	10710	10924	192	412	977	1720
DM2-326-2	13993	14272	192	464	1032	1817
DM2-327-2	14493	14783	192	464	1032	1817
DM2-328-2	15286	15592	192	464	1032	1817
DM2-416-2	19208	19592	273	541	1139	2005
DM2-417-2	20115	20517	273	541	1139	2005
DM2-418-2	21009	21430	273	541	1139	2005
DM2-419-2	22153	22596	273	541	1139	2005
DM2-516-2	30600	31212	664	618	1285	2262
DM2-517-2	32074	32716	664	618	1285	2262
DM2-518-2	33147	33810	664	618	1285	2262
DM2-519-2	34473	35163	664	618	1285	2262
DM2-225-3	7354	7501	116	384	954	1677
DM2-226-3	7814	7970	116	384	954	1677
DM2-227-3	8407	8575	116	384	954	1677
DM2-276-3	10956	11175	192	412	1040	1829
DM2-277-3	11394	11622	192	412	1040	1829
DM2-326-3	14886	15183	192	464	1098	1932
DM2-327-3	15418	15727	192	464	1098	1932
DM2-328-3	16262	16587	192	464	1098	1932
DM2-416-3	20434	20843	273	541	1272	2238
DM2-417-3	21399	21827	273	541	1272	2238
DM2-418-3	22350	22797	273	541	1272	2238
DM2-419-3	23567	24038	273	541	1272	2238
DM2-516-3	32553	33204	664	618	1445	2542
DM2-517-3	34121	34804	664	618	1445	2542
DM2-518-3	35262	35968	664	618	1445	2542
DM2-519-3	36674	37407	664	618	1445	2542

* Two insulation versions are available for this evaporator's series:

Basic: 19 mm close cell elastomer layer (black) glued to the evaporator surface with textile covering.

Premium: 19 mm close cell elastomer layer (black) glued to the evaporator surface, plus 0.8 mm embossed aluminum external protection

Number of refrigerant circuits

DM1 models have one refrigerant circuit

DM2 models have two refrigerant circuits

DM3 models have three refrigerant circuits

Baffle version	Price multiplier
H = Tube bundle with reduced baffles distance	1.00
M = Tube bundle with increased baffles distance	1.00

Units with different baffle versions have the same price as standard units

Shell-and-tube heat exchangers



DM Shell-and-tube dry expansion evaporators

The new DM evaporator has been developed for commercial and industrial refrigeration cooling applications medium temperatures, as supermarket or industrial process cooling. The DM design has been optimized for R407F and R134a refrigerants. With its innovative single-pass counter-current design, the Alfa Laval new DM shell and-tube evaporator series guarantees maximum efficiency.

Cooling capacity up to 1000 kW in medium temperature conditions (-4/-8°C prop glycol 38%, tevap: -12°C). Design temperature: -40°C

Model	CE Price	EAC Price	Welded supports Price	Vic-Flanges Price	Insulation basic*	Insulation premium*
DM3-226-2	7565	7717	116	384	896	1577
DM3-227-2	8139	8302	116	384	896	1577
DM3-276-2	10607	10819	192	412	977	1720
DM3-277-2	11031	11252	192	412	977	1720
DM3-326-2	14412	14701	192	464	1032	1817
DM3-327-2	14928	15226	192	464	1032	1817
DM3-416-2	19784	20180	273	541	1139	2005
DM3-417-2	20718	21133	273	541	1139	2005
DM3-418-2	21640	22073	273	541	1139	2005
DM3-419-2	22818	23274	273	541	1139	2005
DM3-516-2	31518	32148	664	618	1285	2262
DM3-517-2	33036	33697	664	618	1285	2262
DM3-518-2	34141	34824	664	618	1285	2262
DM3-519-2	35507	36218	664	618	1285	2262
DM3-226-3	8048	8209	116	384	954	1677
DM3-227-3	8659	8832	116	384	954	1677
DM3-276-3	11284	11510	192	412	1040	1829
DM3-277-3	11736	11970	192	412	1040	1829
DM3-326-3	15332	15639	192	464	1098	1932
DM3-327-3	15881	16198	192	464	1098	1932
DM3-416-3	21047	21468	273	541	1272	2238
DM3-417-3	22041	22482	273	541	1272	2238
DM3-418-3	23021	23481	273	541	1272	2238
DM3-419-3	24274	24760	273	541	1272	2238
DM3-516-3	33530	34200	664	618	1445	2542
DM3-517-3	35145	35848	664	618	1445	2542
DM3-518-3	36320	37047	664	618	1445	2542
DM3-519-3	37774	38529	664	618	1445	2542

* Two insulation versions are available for this evaporator's series:

Basic: 19 mm close cell elastomer layer (black) glued to the evaporator surface with textile covering.

Premium: 19 mm close cell elastomer layer (black) glued to the evaporator surface, plus 0.8 mm embossed aluminum external protection

Number of refrigerant circuits

DM1 models have one refrigerant circuit

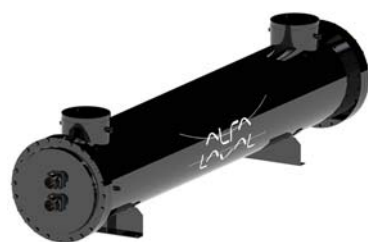
DM2 models have two refrigerant circuits

DM3 models have three refrigerant circuits

Baffle version	Price multiplier
H = Tube bundle with reduced baffles distance	1.00
M = Tube bundle with increased baffles distance	1.00

Units with different baffle versions have the same price as standard units

For special approvals please contact the Alfa Laval local sales organization



Pure Cooler Shell-and-tube dry expansion evaporators

Specially new designed for R134a evaporators, these heat exchangers ensure the most accurate performance for high efficiency cooling systems and chillers.

Model	CE Price	EAC Price	Welded supports Price	Vic-Flanges Price	Insulation basic* Price	Insulation premium* Price
PCS226-1-HE	5562	5673	116	274	655	1001
PCS227-1-HE	5953	6073	116	384	655	1001
PCS227-2-HE	6133	7156	116	384	688	1064
PCS276-2-HE	6741	6876	192	412	752	1185
PCS277-2-HE	7109	7251	192	412	752	1185
PCS326-2-HE	9359	9546	192	464	794	1264
PCS327-2-HE	9875	10072	192	464	794	1264
PCS328-2-HE	10272	10477	192	464	794	1264
PCS416-2-HE	13480	13748	273	464	877	1416
PCS417-2-HE	14295	14581	273	541	877	1416
PCS418-2-HE	14628	14921	273	541	877	1416
PCS419-2-HE	15325	15634	273	541	877	1416
PCD226-1-HE	5576	5688	116	274	655	1001
PCD227-1-HE	5794	5910	116	384	655	1001
PCD227-2-HE	5966	6085	116	384	688	1064
PCD276-2-HE	6619	6751	192	412	752	1185
PCD277-2-HE	7042	7183	192	412	752	1185
PCD326-2-HE	9277	9463	192	464	794	1264
PCD327-2-HE	9856	10053	192	464	794	1264
PCD328-2-HE	10297	10503	192	464	794	1264
PCD416-2-HE	13365	13632	273	464	877	1416
PCD417-2-HE	14041	14321	273	541	877	1416
PCD418-2-HE	14891	15188	273	541	877	1416
PCD419-2-HE	15237	15542	273	541	877	1416
PCD416-3-HE	14201	14485	273	541	979	1607
PCD417-3-HE	15283	15589	273	541	979	1607
PCD418-3-HE	15855	16172	273	541	979	1607
PCD419-3-HE	16331	16657	273	541	979	1607
PCD516-2-HE	18313	18680	664	541	989	1626
PCD517-2-HE	19281	19666	664	541	989	1626
PCD518-2-HE	20867	21284	664	618	989	1626
PCD519-2-HE	21319	21745	664	618	989	1626
PCD516-3-HE	20145	20548	664	618	1111	1855
PCD517-3-HE	21070	21491	664	618	1111	1855
PCD518-3-HE	23998	24478	664	618	1111	1855
PCD519-3-HE	24517	25007	664	618	1111	1855
PCD616-3-HE	43039	43900	903	618	1256	2097
PCD617-3-HE	44115	44998	903	618	1256	2097
PCD618-3-HE	45219	46123	903	729	1256	2097
PCD619-3-HE	46347	47274	903	729	1256	2097
PCD6110-3-HE	47509	48459	903	729	1256	2097

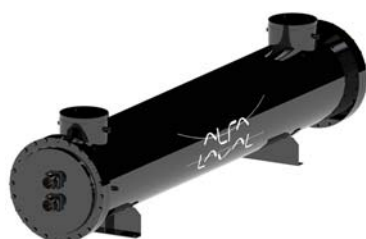
* Two insulation versions are available for this evaporator's series:

Basic: 9 mm close cell elastomer layer (black) glued to the evaporator surface

Premium: 13 mm close cell elastomer layer (black) glued to the evaporator surface, plus 0.8 mm embossed aluminum external protection

Baffle version	Price multiplier
H = Tube bundle with reduced baffles distance	1.02

For special approvals please contact the Alfa Laval local sales organization



Pure Cooler Shell-and-tube dry expansion evaporators

Specially new designed for R134a evaporators, these heat exchangers ensure the most accurate performance for high efficiency cooling systems and chillers.

Model	CE Price	EAC Price	Welded supports Price	Vic-Flanges Price	Insulation basic* Price	Insulation premium* Price
PCT226-1-HE	5889	6006	116	384	655	1001
PCT226-2-HE	6324	6451	116	384	688	1064
PCT276-2-HE	7015	7156	192	412	752	1185
PCT277-2-HE	7223	7368	192	412	752	1185
PCT326-2-HE	10125	10328	192	464	794	1264
PCT327-2-HE	10490	10699	192	464	794	1264
PCT416-2-HE	13513	13782	273	464	877	1416
PCT417-2-HE	14216	14500	273	541	877	1416
PCT418-2-HE	14877	15175	273	541	877	1416
PCT419-2-HE	15659	15972	273	541	877	1416
PCT416-3-HE	15689	16003	273	541	979	1607
PCT417-3-HE	15908	16226	273	541	979	1607
PCT418-3-HE	16279	16605	273	541	979	1607
PCT419-3-HE	17563	17914	273	541	979	1607
PCT516-2-HE	18877	19254	664	541	989	1626
PCT517-2-HE	19776	20172	664	541	989	1626
PCT518-2-HE	21389	21816	664	618	989	1626
PCT519-2-HE	22031	22470	664	618	989	1626
PCT516-3-HE	20409	20817	664	618	1111	1855
PCT517-3-HE	21584	22015	664	618	1111	1855
PCT518-3-HE	22555	23006	664	618	1111	1855
PCT519-3-HE	24021	24502	664	618	1111	1855
PCT616-3-HE	43546	44418	903	618	1256	2097
PCT617-3-HE	44636	45529	903	618	1256	2097
PCT618-3-HE	45754	46668	903	729	1256	2097
PCT619-3-HE	46895	47832	903	729	1256	2097
PCT6110-3-HE	48070	49031	903	729	1256	2097
PCQ416-2-HE	15212	15517	273	464	877	1416
PCQ417-2-HE	15682	15996	273	541	877	1416
PCQ418-2-HE	16167	16490	273	541	877	1416
PCQ419-2-HE	16667	17001	273	541	877	1416
PCQ416-3-HE	16146	16470	273	541	979	1607
PCQ417-3-HE	16778	17113	273	541	979	1607
PCQ418-3-HE	17297	17643	273	541	979	1607
PCQ419-3-HE	17993	18353	273	541	979	1607
PCQ516-2-HE	21142	21565	664	541	989	1626
PCQ517-2-HE	22149	22592	664	541	989	1626
PCQ518-2-HE	23955	24435	664	618	989	1626
PCQ519-2-HE	24674	25167	664	618	989	1626
PCQ516-3-HE	20924	21344	664	618	1111	1855
PCQ517-3-HE	24173	24657	664	618	1111	1855
PCQ518-3-HE	25262	25766	664	618	1111	1855
PCQ519-3-HE	26904	27441	664	618	1111	1855
PCQ616-3-HE	44060	44942	903	618	1256	2097
PCQ617-3-HE	45150	46053	903	618	1256	2097
PCQ618-3-HE	46268	47193	903	729	1256	2097
PCQ619-3-HE	47409	48356	903	729	1256	2097
PCQ6110-3-HE	48584	49555	903	729	1256	2097

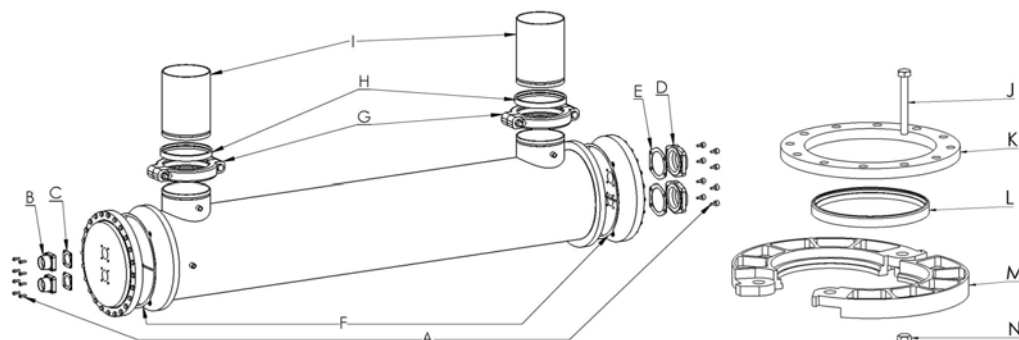
* Two insulation versions are available for this evaporator's series:

Basic: 9 mm close cell elastomer layer (black) glued to the evaporator surface

Premium: 13 mm close cell elastomer layer (black) glued to the evaporator surface, plus 0.8 mm embossed aluminum external protection

Baffle version	Price multiplier
H = Tube bundle with reduced baffles distance	1.02

For special approvals please contact the Alfa Laval local sales organization



Spare parts for Pure Cooler shell-and-tube evaporators

Model	Refrigerant connections kit ¹		Header gaskets ²		Kit water connections Victaulic ³		Kit water connections Vic-Flange ⁴	
	Article no.	Price	Article no.	Price	Article no.	Price	Article no.	Price
PCS226-1-HE	SPPC0032	216	SPPC0048	139	SPPC001	114	SPPC008	448
PCS227-1-HE	SPPC0032	216	SPPC0048	139	SPPC002	126	SPPC009	644
PCS227-2-HE	SPPC0032	216	SPPC0048	139	SPPC002	126	SPPC009	644
PCS276-2-HE	SPPC0033	255	SPPC0051	173	SPPC003	157	SPPC010	659
PCS277-2-HE	SPPC0033	255	SPPC0051	173	SPPC003	157	SPPC010	659
PCS326-2-HE	SPPC0034	238	SPPC0054	180	SPPC004	178	SPPC011	721
PCS327-2-HE	SPPC0034	238	SPPC0054	180	SPPC004	178	SPPC011	721
PCS328-2-HE	SPPC0035	363	SPPC0054	180	SPPC004	178	SPPC011	721
PCS416-2-HE	SPPC0036	386	SPPC0057	221	SPPC004	178	SPPC011	721
PCS417-2-HE	SPPC0036	386	SPPC0057	221	SPPC005	265	SPPC012	949
PCS418-2-HE	SPPC0036	386	SPPC0057	221	SPPC005	265	SPPC012	949
PCS419-2-HE	SPPC0036	386	SPPC0057	221	SPPC005	265	SPPC012	949
PCD226-1-HE	SPPC0015	317	SPPC0049	139	SPPC001	114	SPPC008	448
PCD227-1-HE	SPPC0015	317	SPPC0049	139	SPPC002	126	SPPC009	644
PCD227-2-HE	SPPC0016	478	SPPC0049	139	SPPC002	126	SPPC009	644
PCD276-2-HE	SPPC0017	340	SPPC0052	173	SPPC003	157	SPPC010	659
PCD277-2-HE	SPPC0017	340	SPPC0052	173	SPPC003	157	SPPC010	659
PCD326-2-HE	SPPC0018	381	SPPC0055	180	SPPC004	178	SPPC011	721
PCD327-2-HE	SPPC0019	375	SPPC0055	180	SPPC004	178	SPPC011	721
PCD328-2-HE	SPPC0019	375	SPPC0055	180	SPPC004	178	SPPC011	721
PCD416-2-HE	SPPC0020	458	SPPC0058	221	SPPC004	178	SPPC011	721
PCD417-2-HE	SPPC0020	458	SPPC0058	221	SPPC005	265	SPPC012	949
PCD418-2-HE	SPPC0020	458	SPPC0058	221	SPPC005	265	SPPC012	949
PCD419-2-HE	SPPC0020	458	SPPC0058	221	SPPC005	265	SPPC012	949
PCD416-3-HE	SPPC0020	458	SPPC0058	221	SPPC005	265	SPPC012	949
PCD417-3-HE	SPPC0020	458	SPPC0058	221	SPPC005	265	SPPC012	949
PCD418-3-HE	SPPC0020	458	SPPC0058	221	SPPC005	265	SPPC012	949
PCD419-3-HE	SPPC0020	458	SPPC0058	221	SPPC005	265	SPPC012	949
PCD516-2-HE	SPPC0021	675	SPPC0061	309	SPPC005	265	SPPC012	949
PCD516-3-HE	SPPC0021	675	SPPC0061	309	SPPC006	1102	SPPC013	1491
PCD517-2-HE	SPPC0021	675	SPPC0061	309	SPPC005	265	SPPC012	949
PCD518-2-HE	SPPC0021	675	SPPC0061	309	SPPC006	1102	SPPC013	1491
PCD519-2-HE	SPPC0021	675	SPPC0061	309	SPPC006	1102	SPPC013	1491
PCD517-3-HE	SPPC0022	718	SPPC0061	309	SPPC006	1102	SPPC013	1491
PCD518-3-HE	SPPC0022	718	SPPC0061	309	SPPC006	1102	SPPC013	1491
PCD519-3-HE	SPPC0022	718	SPPC0061	309	SPPC006	1102	SPPC013	1491
PCD616-3-HE	SPPC0023	693	SPPC0064	515	SPPC006	1102	SPPC013	1491
PCD617-3-HE	SPPC0023	693	SPPC0064	515	SPPC006	1102	SPPC013	1491
PCD618-3-HE	SPPC0023	693	SPPC0064	515	SPPC007	1190	SPPC014	2235
PCD619-3-HE	SPPC0023	693	SPPC0064	515	SPPC007	1190	SPPC014	2235
PCD6110-3-HE	SPPC0023	693	SPPC0064	515	SPPC007	1190	SPPC014	2235

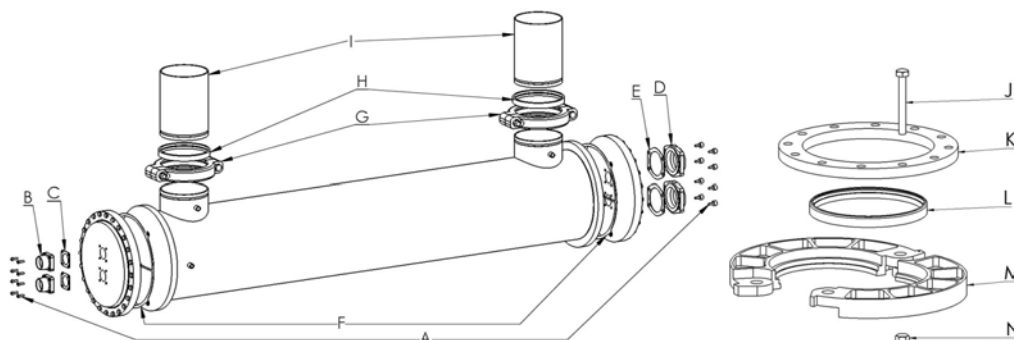
1. A + B + C + D + E (see picture)

2. F (see picture)

3. G + H + I (see picture)

4. J + K + L + M + N (see picture)

Shell-and-tube heat exchangers



Spare parts for Pure Cooler shell-and-tube evaporators

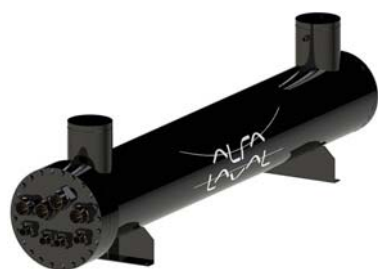
Model	Refrigerant connections kit ¹		Header gaskets ²		Kit water connections Victaulic ³		Kit water connections Vic-Flange ⁴	
	Article no.	Price	Article no.	Price	Article no.	Price	Article no.	Price
PCT226-1-HE	SPPC0037	450	SPPC0050	139	SPPC002	126	SPPC009	644
PCT226-2-HE	SPPC0037	450	SPPC0050	139	SPPC002	126	SPPC009	644
PCT276-2-HE	SPPC0038	485	SPPC0053	173	SPPC003	157	SPPC010	659
PCT277-2-HE	SPPC0038	485	SPPC0053	173	SPPC003	157	SPPC010	659
PCT326-2-HE	SPPC0039	550	SPPC0056	180	SPPC004	178	SPPC011	721
PCT327-2-HE	SPPC0039	550	SPPC0056	180	SPPC004	178	SPPC011	721
PCT416-2-HE	SPPC0040	545	SPPC0059	221	SPPC004	178	SPPC011	721
PCT417-2-HE	SPPC0041	537	SPPC0059	221	SPPC005	265	SPPC012	949
PCT418-2-HE	SPPC0041	537	SPPC0059	221	SPPC005	265	SPPC012	949
PCT419-2-HE	SPPC0041	537	SPPC0059	221	SPPC005	265	SPPC012	949
PCT416-3-HE	SPPC0040	545	SPPC0059	221	SPPC005	265	SPPC012	949
PCT417-3-HE	SPPC0042	575	SPPC0059	221	SPPC005	265	SPPC012	949
PCT418-3-HE	SPPC0042	575	SPPC0059	221	SPPC005	265	SPPC012	949
PCT419-3-HE	SPPC0042	575	SPPC0059	221	SPPC005	265	SPPC012	949
PCT516-2-HE	SPPC0043	662	SPPC0062	309	SPPC005	265	SPPC012	949
PCT517-2-HE	SPPC0043	662	SPPC0062	309	SPPC005	265	SPPC012	949
PCT518-2-HE	SPPC0043	662	SPPC0062	309	SPPC006	1102	SPPC013	1491
PCT519-2-HE	SPPC0044	645	SPPC0062	309	SPPC006	1102	SPPC013	1491
PCT516-3-HE	SPPC0043	662	SPPC0062	309	SPPC006	1102	SPPC013	1491
PCT517-3-HE	SPPC0044	645	SPPC0062	309	SPPC006	1102	SPPC013	1491
PCT518-3-HE	SPPC0045	612	SPPC0062	309	SPPC006	1102	SPPC013	1491
PCT519-3-HE	SPPC0045	612	SPPC0062	309	SPPC006	1102	SPPC013	1491
PCT616-3-HE	SPPC0046	987	SPPC0065	515	SPPC006	1102	SPPC013	1491
PCT617-3-HE	SPPC0046	987	SPPC0065	515	SPPC006	1102	SPPC013	1491
PCT618-3-HE	SPPC0046	987	SPPC0065	515	SPPC007	1190	SPPC014	2235
PCT619-3-HE	SPPC0046	987	SPPC0065	515	SPPC007	1190	SPPC014	2235
PCT6110-3-HE	SPPC0047	1052	SPPC0065	515	SPPC007	1190	SPPC014	2235
PCQ416-2-HE	SPPC0024	629	SPPC0060	221	SPPC004	178	SPPC011	721
PCQ417-2-HE	SPPC0025	716	SPPC0060	221	SPPC005	265	SPPC012	949
PCQ418-2-HE	SPPC0025	716	SPPC0060	221	SPPC005	265	SPPC012	949
PCQ419-2-HE	SPPC0026	710	SPPC0060	221	SPPC005	265	SPPC012	949
PCQ416-3-HE	SPPC0024	629	SPPC0060	221	SPPC005	265	SPPC012	949
PCQ417-3-HE	SPPC0026	710	SPPC0060	221	SPPC005	265	SPPC012	949
PCQ418-3-HE	SPPC0026	710	SPPC0060	221	SPPC005	265	SPPC012	949
PCQ419-3-HE	SPPC0026	710	SPPC0060	221	SPPC005	265	SPPC012	949
PCQ516-2-HE	SPPC0027	749	SPPC0063	309	SPPC005	265	SPPC012	949
PCQ517-2-HE	SPPC0027	749	SPPC0063	309	SPPC005	265	SPPC012	949
PCQ518-2-HE	SPPC0028	865	SPPC0063	309	SPPC006	1102	SPPC013	1491
PCQ519-2-HE	SPPC0028	865	SPPC0063	309	SPPC006	1102	SPPC013	1491
PCQ516-3-HE	SPPC0027	749	SPPC0063	309	SPPC006	1102	SPPC013	1491
PCQ517-3-HE	SPPC0028	865	SPPC0063	309	SPPC006	1102	SPPC013	1491
PCQ518-3-HE	SPPC0028	865	SPPC0063	309	SPPC006	1102	SPPC013	1491
PCQ519-3-HE	SPPC0028	865	SPPC0063	309	SPPC006	1102	SPPC013	1491
PCQ616-3-HE	SPPC0029	865	SPPC0066	515	SPPC006	1102	SPPC013	1491
PCQ617-3-HE	SPPC0029	865	SPPC0066	515	SPPC006	1102	SPPC013	1491
PCQ618-3-HE	SPPC0030	865	SPPC0066	515	SPPC007	1190	SPPC014	2235
PCQ619-3-HE	SPPC0031	1299	SPPC0066	515	SPPC007	1190	SPPC014	2235
PCQ6110-3-HE	SPPC0031	1299	SPPC0066	515	SPPC007	1190	SPPC014	2235

1. A + B + C + D + E (see picture)

2. F (see picture)

3. G + H + I (see picture)

4. J + K + L + M + N (see picture)



Dryplus-3 Shell-and-tube dry expansion evaporators

A series of heat exchangers optimized in order to ensure high evaporation performances in combination with R407C, R22, R404A, R507 and the other most used HCFC and HFC refrigerants.

Nominal cooling capacities ranging from 18 to 1500 kW. Models from DX_18 to DX_1000 are suitable as a standard for heat pump (condensation) operation.

Standard materials:

- Shell and shell connections: carbon steel
- Header: carbon steel
- Tube sheet: carbon steel
- Baffles: carbon steel
- Tubes: copper

Model	CE Price	EAC - SELO Price	ASME Price	Welded supports Price	Flanges* Price	Insulation** Price	4 pass ref.***
DXS18	1691	1725	1861	80	173	452	A
DXS28	1736	1771	1908	80	173	458	A
DXS35	1828	1864	2011	80	188	465	A
DXS47	1912	1950	2102	80	188	484	A
DXS56	2334	2380	2569	81	200	574	A
DXS65	2410	2459	2650	81	200	580	A
DXS80	2547	2598	2802	81	200	594	A
DXS95	2598	2650	2858	81	200	595	A
DXS120	2962	3021	3258	92	255	657	A
DXS135	3477	3547	3825	92	255	688	A
DXS165	3578	3650	3936	92	255	697	A
DXS200	4316	4402	4747	116	411	697	A
DXS240	4798	4894	5277	116	411	864	A
DXS300	5964	6082	6561	192	464	1032	A
DXS345	6173	6295	6790	192	464	1032	A
DXS385	6793	6929	7473	192	464	1032	A
DXS450	8720	8894	9591	192	481	1147	A
DXS505	9454	9644	10400	192	481	1147	A
DXS570	10193	10397	11212	192	481	1147	A
DXS160R	3563	3634	3919	116	255	838	A
DXS210R	5095	5197	5604	192	411	928	A
DXS235R	5283	5389	5811	192	411	928	A
DXS275R	5598	5710	6158	192	411	928	A
DXS390R	7893	8050	8683	192	481	1141	A
DXS420R	8356	8524	9193	192	481	1141	A
DXS480R	9195	9379	10114	192	481	1141	A
DXD35	1902	1941	2093	80	188	465	NA
DXD47	1985	2025	2183	80	188	484	NA
DXD56	2415	2464	2656	81	200	574	A
DXD65	2487	2538	2736	81	200	580	A
DXD80	2573	2624	2829	81	200	594	A
DXD95	2625	2678	2888	81	200	595	A
DXD120	3067	3128	3373	92	255	657	A
DXD135	3581	3653	3940	92	255	688	A
DXD165	3697	3770	4065	92	255	697	A
DXD200	4330	4418	4764	116	411	697	A
DXD240	4809	4905	5289	116	411	864	A
DXD300	6123	6246	6734	192	464	1032	A
DXD345	6353	6480	6989	192	464	1032	A
DXD385	6951	7091	7646	192	464	1032	A
DXD450	8852	9029	9737	192	481	1147	A
DXD505	9735	9929	10708	192	481	1147	A
DXD570	10445	10654	11490	192	481	1147	A
DXD660	13415	13684	14756	273	597	1289	A
DXD770	14544	14835	15998	273	597	1289	A
DXD915	15509	15819	17059	273	597	1289	A
DXD1000	19349	19736	21284	273	597	1482	A
DXD1100	22791	23247	25071	554	597	1489	A
DXD1200	25817	26333	28399	554	597	1676	A
DXD1350	31460	32089	34606	664	597	1889	A
DXD1500	34182	34864	37599	664	597	1889	A
DXD160R	3697	3770	4065	137	255	838	A
DXD210R	5210	5314	5731	192	411	928	A
DXD235R	5400	5508	5941	192	411	928	A
DXD275R	5784	5900	6362	192	411	928	A
DXD390R	8274	8440	9101	192	481	1141	A
DXD420R	8739	8914	9612	192	481	1141	A
DXD480R	9577	9769	10534	192	481	1141	A

Flanges* Version with flanges brine side UNI EN 1092-1 PN16

Insulation** 19 mm close cell elastomerlayer (black) glued to the evaporator surface with textile covering

4 pass ref.*** 4 pass refrigerant side available

A = Available, NA = Not Available

Shell-and-tube heat exchangers

Dryplus-3 shell-and-tube dry expansion evaporators

Model	CE Price	EAC - SELO Price	ASME Price	Welded supports Price	Flanges* Price	Insulation** Price	4 pass ref.***
DXT120	3205	3269	3526	92	255	657	NA
DXT135	3740	3814	4113	92	255	688	NA
DXT165	3835	3912	4219	92	255	697	NA
DXT200	4534	4625	4987	116	411	697	NA
DXT240	5073	5175	5582	116	411	864	NA
DXT300	6456	6585	7101	192	464	1032	NA
DXT345	6613	6744	7274	192	464	1032	NA
DXT385	7040	7181	7744	192	464	1032	NA
DXT450	9217	9402	10139	192	481	1147	NA
DXT505	10089	10291	11098	192	481	1147	NA
DXT570	10799	11015	11879	192	481	1147	NA
DXT660	14175	14458	15593	273	597	1289	NA
DXT770	15237	15542	16760	273	597	1289	NA
DXT915	17054	17395	18758	273	597	1289	NA
DXT1000	20301	20707	22330	273	597	1482	NA
DXT1100	23132	23594	25446	554	597	1489	NA
DXT1200	26162	26685	28777	554	597	1676	NA
DXT1350	32889	33547	36179	664	597	1889	NA
DXT1500	35377	36085	38915	664	597	1889	NA
DXT160R	3852	3929	4237	116	255	838	NA
DXT210R	5546	5582	6102	192	411	928	NA
DXT235R	5733	5847	6306	192	411	928	NA
DXT275R	6047	6168	6652	192	411	928	NA
DXT390R	8644	8817	9509	192	481	1141	NA
DXT420R	9110	9293	10020	192	481	1141	NA
DXT480R	9945	10143	10939	192	481	1141	NA
DXQ200	4628	4720	5090	116	411	697	NA
DXQ240	5087	5189	5595	116	411	864	NA
DXQ300	6470	6600	7117	192	464	1032	NA
DXQ345	6667	6800	7333	192	464	1032	NA
DXQ385	7094	7235	7802	192	464	1032	NA
DXQ450	9258	9443	10184	192	481	1147	NA
DXQ505	10128	10331	11142	192	481	1147	NA
DXQ570	10840	11056	11923	192	481	1147	NA
DXQ660	14284	14569	15713	273	597	1289	NA
DXQ770	15416	15724	16959	273	597	1289	NA
DXQ915	17238	17583	18962	273	597	1289	NA
DXQ1000	21020	21442	23122	273	597	1482	NA
DXQ1100	23700	24174	26070	554	597	1489	NA
DXQ1200	27313	27859	30044	554	597	1676	NA
DXQ1350	32990	33649	36289	664	597	1889	NA
DXQ1500	35709	36423	39280	664	597	1889	NA
DXQ160R	3939	4018	4334	116	255	838	NA
DXQ210R	5637	5750	6201	192	411	928	NA
DXQ235R	5789	5904	6367	192	411	928	NA
DXQ275R	6104	6225	6714	192	411	928	NA
DXQ390R	8689	8862	9557	192	481	1141	NA
DXQ420R	9152	9334	10067	192	481	1141	NA
DXQ480R	9989	10189	10989	192	481	1141	NA

Flanges* Version with flanges brine side UNI EN 1092-1 PN16

Insulation** 19 mm close cell elastomerlayer (black) glued to the evaporator surface with textile covering

4 pass ref.*** 4 pass refrigerant side available

A = Available, NA = Not Available

Baffle version	Price multiplier
H = Tube bundle with reduced baffles distance	1.03
X = Tube bundle with extra-reduced baffles distance. Available only for Dryplus-3 series	1.05

ASME, SELO approvals are subjected to inspection cost according to the following list.

For other approvals please contact your Alfa Laval local sales organization

For big batches please contact the Alfa Laval local sales organization for specific quotations.

Inspection net price

- ASME 500 EUR for each unit (if the evaporator is U-STAMP)

- SELO 500 EUR for each unit



Dryplus-E Shell-and-tube dry expansion evaporators

Specially designed for R134a evaporators, these heat exchangers ensure the most accurate performance for high efficiency cooling systems and chillers.

Nominal cooling capacities ranging from 130 to 1420 kW. Special versions for heat pump (condensation) and low temperature operation.

Standard materials:

- Shell and shell connections: carbon steel
- Header: carbon steel
- Tube sheet: carbon steel
- Baffles: carbon steel
- Tubes: copper

Model	CE Price	EAC / SELO Price	ASME Price	Welded supports Price	Flanges* Price	Insulation** Price	4 pass ref.***
DES130	4745	4860	5242	116	255	697	A
DES175	6903	7041	7593	192	411	928	A
DES240	7331	7477	8062	192	411	928	A
DES265	9619	9812	10581	192	464	1147	A
DES315	9950	10149	10945	192	464	1147	A
DES350	10345	10551	11379	192	464	1147	A
DED130	4795	4890	5274	116	255	697	NA
DED175	6996	7136	7695	192	411	928	NA
DED240	7385	7533	8125	192	411	928	NA
DED265	10100	10302	11110	192	464	1147	NA
DED315	10422	10629	11464	192	464	1147	NA
DED350	10816	11033	11897	192	464	1147	NA
DED440	15483	15793	17032	273	481	1289	A
DED535	16283	16610	17913	273	481	1289	A
DED585	17206	17550	18927	273	481	1482	A
DED645	22473	22923	24720	554	597	1489	A
DED715	25492	26001	28041	554	597	1676	A
DED745	28193	28757	31014	664	597	1889	A
DED860	29642	30235	32607	664	597	1889	A
DED955	32349	32996	35585	664	597	1889	A
DED1100	44701	45595	49171	707	597	1889	A
DED1220	47848	48806	52634	707	597	1889	A
DET130	5318	5424	5850	116	255	697	NA
DET175	6967	7106	7663	192	411	928	NA
DET240	8102	8264	8913	192	411	928	NA
DET265	10956	11175	12052	192	464	1147	NA
DET315	11270	11495	12396	192	464	1147	NA
DET350	12060	12302	13266	192	464	1147	NA
DET440	16850	17187	18537	273	481	1289	NA
DET535	18653	19026	20518	273	481	1289	NA
DET585	19631	20024	21596	273	481	1482	NA
DET645	25380	25888	27918	554	597	1489	NA
DET715	28594	29166	31453	554	597	1676	NA
DET745	33417	34085	36759	664	597	1889	NA
DET860	35436	36145	38978	664	597	1889	NA
DET955	38581	39352	42439	664	597	1889	NA
DET1100	45908	46826	50500	707	597	1889	NA
DET1220	49483	50473	54432	707	597	1889	NA
DET1290	53536	54607	58890	850	597	2216	NA
DET1420	59884	61081	65871	850	597	3569	NA
DEQ440	17166	17509	18882	273	481	1289	NA
DEQ535	19026	19407	20928	273	481	1289	NA
DEQ585	20023	20423	22026	273	481	1482	NA
DEQ645	25913	26432	28505	554	597	1489	NA
DEQ715	29168	29751	32084	554	597	1676	NA
DEQ745	34084	34765	37493	664	597	1889	NA
DEQ860	36146	36869	39759	664	597	1889	NA
DEQ955	39354	40141	43289	664	597	1889	NA
DEQ1100	46826	47763	51508	707	597	1889	NA
DEQ1220	50473	51482	55520	707	597	1889	NA
DEQ1290	54604	55697	60064	850	597	2216	NA
DEQ1420	61081	62302	67189	850	597	3569	NA

Shell-and-tube heat exchangers

Flanges* Version with flanges brine side UNI EN 1092-1 PN16

Insulation** 19 mm close cell elastomerlayer (black) glued to the evaporator surface with textile covering

4 pass ref.*** 4 pass refrigerant side available

A = Available, NA = Not Available

Baffle version	Price multiplier
H = Tube bundle with reduced baffles distance	1.03

Square version	Price multiplier
Round version is standard, on request a square version is available	1.055

ASME, SELO approvals are subjected to inspection cost according to the following list.

For other approvals please contact your Alfa Laval local sales organization

For big batches please contact the Alfa Laval local sales organization for specific quotations.

Inspection net price

- ASME 500 EUR for each unit (if the evaporator is U-STAMP)
- SELO 500 EUR for each unit



Dryplus-3 and Dryplus-E dry expansion evaporators options/accessories

A wide range of options/accessories is available for Dryplus-3 and Dryplus-E evaporators.

A series of CE approved integrated tanks, designed to include the evaporator, is available with capacities from 240 to 3,000 litres.

Low temperature version	Price multiplier
BT version for operation up to -40°C with CE approval	1.06
Special material versions	
Exchange tubes in copper; tube sheet, baffles, shell and shell side connections in stainless steel AISI 316L	1.9
Tube bundle (tubes, tube sheet, baffles) in stainless steel AISI 316L and carbon steel shell	2.0
Tube bundle, shell and shell connections in stainless steel AISI 316L	2.8
Carbon steel tubes (not available for units bigger than DX1350 and DE745)	1.7
Copper/Nickel tubes (Cu/Ni 90/10) with carbon steel tube sheet and baffles	1.8
Copper/Nickel tubes (Cu/Ni 90/10) with AISI 316L tube sheet and baffles	2.0
Plastic baffles	1.01
Stainless steel baffles AISI 316L	1.04
Special 4 passes version	
In case of low refrigerant velocity a special 4P version is available	1.05
Special shell length	
Shell + 500 mm	1.05
Flanges in stainless steel	
Kit flanges, bolts in stainless steel AISI 316L	5.0

Extra price for special execution on refrigerant side (see catalogue)			
Model	ODS mm	ODS inch	Extra price
FA	35 , 42 , 54	2-1/8 , 1-3/8	48
FB	54 , 67	2-5/8 , 2-1/8	60
FC	67 , 89	2-5/8 , 3-1/8	96

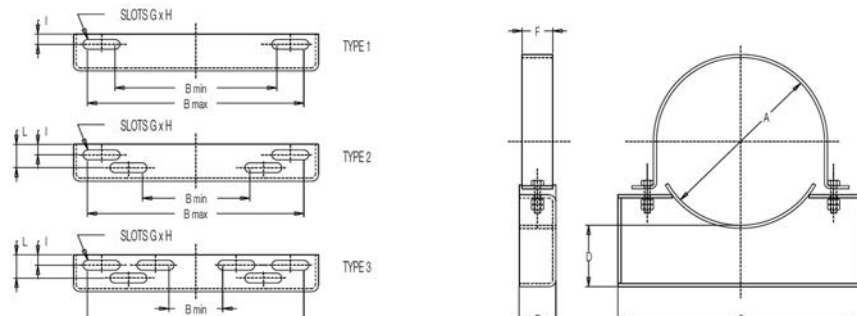
IT integrated water tanks for evaporators *				
Model	Capacity L	Shell-and-tube evaporator model	Shell-and-tube evaporator model	Price
IT 240	240	DX 18, 28, 35, 47	NA	967
IT 470	470	DX 56, 65, 80, 95	NA	1787
IT 610	610	DX 120, 135, 165	NA	2285
IT 1100	1100	DX 200, 240, 160R	DE 130	2987
IT 1400	1400	DX 300, 345, 385, 210R, 235R, 275R	DE 175, 240	3906
IT 2000	2000	DX 450, 505, 570, 390R, 420R, 480R	DE 265, 315, 350	5225
IT 2500	2500	DX 660, 770, 915, 1000	DE 440, 535, 585	5562
IT 3000	3000	DX 1000 (+500 mm)	NA	7085

* IT tanks are only sold along with evaporators. Add the tank price to the selected evaporator.

IT integrated water tanks for evaporators	Price multiplier
In case of IT water tanks with a design pressure of 16 bar water side	1.5

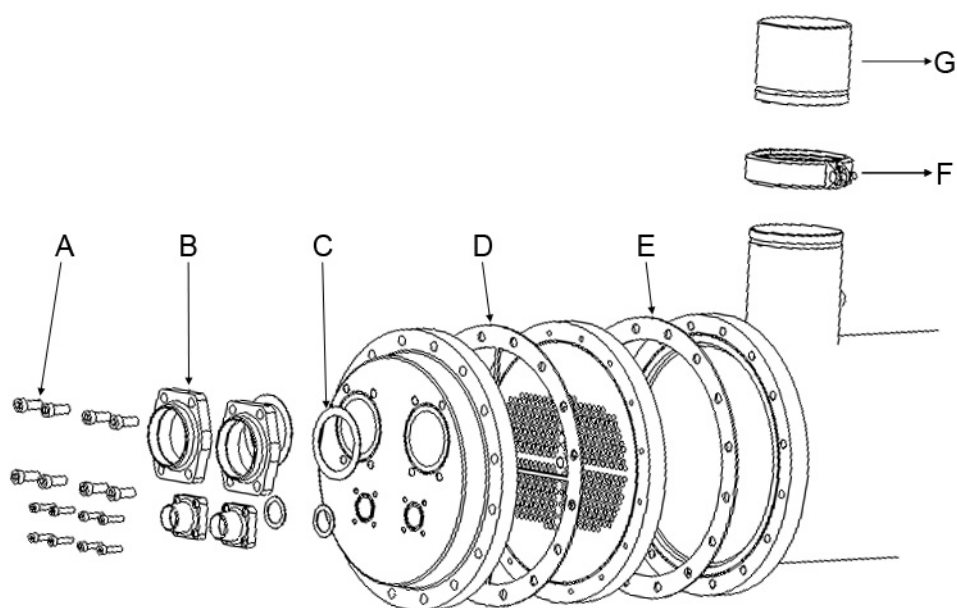
Shell-and-tube heat exchangers

Alfa Laval evaporators can be equipped with supports welded to the shell or with universal brackets which are positioned in the installation phase and therefore allows the maximum flexibility (available up to shell diameter 406 mm):

Universal brackets											
											
A	B		C	D	E	F	Slots			I	L
	Min.	Max.					G	H	Type		
140	82	178	220	60	50	40	12	60	1	25	-
168	112	208	250	60	50	40	12	60	1	25	-
194	46	238	280	60	50	40	12	60	2	15	32
219	82	276	320	80	50	40	12	60	2	15	32
273	176	352	400	100	60	50	16	60	2	17	38
324	108	372	420	100	60	50	16	60	3	17	38
406	216	468	520	120	80	60	18	60	3	20	54

Dimensions (mm)

Supports for shell-and-tube evaporators			
Model	Shell diameter (mm)	Article no.	Brackets (couple) Price
DX 18-28, 35-47	D = 140	10099200	202
DX 56-65, 80-95	D = 168	10099201	204
DX 120-135-165	D = 194	10099202	206
DX 200-240-160R - DE 130	D = 219	10099203	210
DX 300-345-385-210R-235R-275R - DE 175-240	D = 273	10099204	255
DX 450-505-570-390R-420R-480R - DE 265-315-350	D = 324	10099205	293
DX 660-770-915-1000 - DE 440-535-585	D = 406	10099206	365



Spare parts for Dryplus-3 shell-and-tube evaporators

Model	Gasket header kit ^a		Gasket refrigerant connections kit ^b		Refrigerant connections kit ^c		Water connections kit ^d	
	Article no.	Price	Article no.	Price	Article no.	Price	Article no.	Price
DXS18-47	SPDRY0001	141	SPDRY0100	69	SPDRY0200	80	NA*	
DXD35-47	SPDRY0002	118	SPDRY0101	70	SPDRY0201	123	NA*	
DXS56-95	SPDRY0003	147	SPDRY0102	71	SPDRY0202	131	NA*	
DXD56-95	SPDRY0004	147	SPDRY0103	70	SPDRY0203	125	NA*	
DXS120	SPDRY0005	152	SPDRY0104	76	SPDRY0204	161	NA*	
DXD120-165	SPDRY0006	157	SPDRY0105	76	SPDRY0205	175	NA*	
DXS135-165	SPDRY0005	136	SPDRY0106	76	SPDRY0206	161	NA*	
DXT120-165	SPDRY0007	178	SPDRY0107	68	SPDRY0207	161	NA*	
DXS160R*, 200-240	SPDRY0008	188	SPDRY0106	76	SPDRY0206	161	SPDRY0304	177
DXD160R*, 200-240	SPDRY0009	188	SPDRY0109	76	SPDRY0209	209	SPDRY0304	177
DXT160R*, 200-240	SPDRY0010	165	SPDRY0110	76	SPDRY0210	209	SPDRY0304	177
DXQ160R*, 200-240	SPDRY0011	169	SPDRY0111	68	SPDRY0211	209	SPDRY0304	177
DXS210R, 235R, 275R, 300, 345, 385	SPDRY0012	212	SPDRY0112	75	SPDRY0212	209	SPDRY0305	210
DXD210R, 235R, 275R, 300, 345, 385	SPDRY0013	212	SPDRY0113	83	SPDRY0213	281	SPDRY0305	210
DXT210R, 235R, 275R, 300, 345, 385	SPDRY0014	199	SPDRY0114	83	SPDRY0214	281	SPDRY0305	210
DXQ210R, 235R, 275R, 300, 345, 385	SPDRY0015	200	SPDRY0115	69	SPDRY0215	433	SPDRY0305	210
DXS390R, 420R, 480R, 450, 505, 570	SPDRY0016	252	SPDRY0112	75	SPDRY0212	209	SPDRY0307	251
DXD390R, 420R, 480R, 450, 505, 570	SPDRY0017	252	SPDRY0117	82	SPDRY0217	406	SPDRY0307	251
DXT390R, 420R, 480R, 450, 505, 570	SPDRY0018	213	SPDRY0118	91	SPDRY0218	521	SPDRY0307	251
DXQ390R, 420R, 480R, 450, 505, 570	SPDRY0019	231	SPDRY0119	94	SPDRY0219	416	SPDRY0307	251
DXD660-1000	SPDRY0020	278	SPDRY0117	82	SPDRY0217	406	SPDRY0308	325
DXT660-1000	SPDRY0021	254	SPDRY0121	90	SPDRY0221	528	SPDRY0308	325
DXQ660-1000	SPDRY0022	255	SPDRY0122	99	SPDRY0222	437	SPDRY0308	325
DXD1100-1200	SPDRY0023	331	SPDRY0117	82	SPDRY0217	406	SPDRY0308	325
DXT1100-1200	SPDRY0024	353	SPDRY0124	90	SPDRY0221	528	SPDRY0308	325
DXQ1100-1200	SPDRY0025	353	SPDRY0122	99	SPDRY0222	437	SPDRY0308	325
DXD1350-1500	SPDRY0026	355	SPDRY0126	82	SPDRY0226	557	SPDRY0308	325
DXT1350-1500	SPDRY0027	362	SPDRY0127	90	SPDRY0221	528	SPDRY0308	325
DXQ1350-1500	SPDRY0028	375	SPDRY0122	99	SPDRY0222	437	SPDRY0308	325

*Threaded water connections, no kit available

^a D + E (see picture)

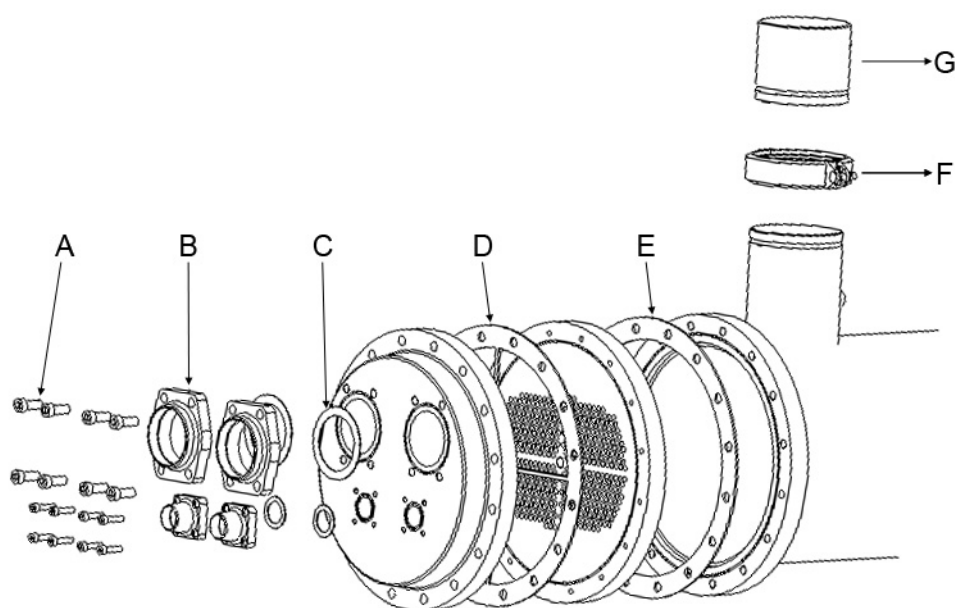
^b C (see picture)

^c A + B + C (see picture)

^d G + F (see picture)

The standard kits are available without LOCTITE 5922 glue. If you need loctite with the kit please add a request for code:

SPDRY0470: Price EUR 76



Spare parts for Dryplus-E shell-and-tube evaporators

Model	Gasket header kit ^a		Gasket refrigerant connections kit ^b		Refrigerant connections kit ^c		Water connections kit ^d	
	Article no.	Price	Article no.	Price	Article no.	Price	Article no.	Price
DES130	SPDRY0400	176	SPDRY0423	75	SPDRY0446	241	SPDRY0303	147
DES175-240	SPDRY0401	201	SPDRY0424	75	SPDRY0447	241	SPDRY0304	177
DES265-350	SPDRY0402	243	SPDRY0425	75	SPDRY0448	264	SPDRY0305	210
DED130	SPDRY0403	176	SPDRY0426	75	SPDRY0449	264	SPDRY0303	147
DED175-240	SPDRY0404	201	SPDRY0427	75	SPDRY0450	264	SPDRY0304	177
DED265-350	SPDRY0405	243	SPDRY0428	82	SPDRY0451	264	SPDRY0305	210
DED440-585	SPDRY0406	270	SPDRY0429	91	SPDRY0452	264	SPDRY0307	251
DED645-715	SPDRY0407	313	SPDRY0430	91	SPDRY0453	313	SPDRY0308	325
DED745-955	SPDRY0408	384	SPDRY0431	92	SPDRY0454	313	SPDRY0308	325
DED1100-1220	SPDRY0409	375	SPDRY0432	92	SPDRY0455	363	SPDRY0308	325
DET130	SPDRY0410	176	SPDRY0433	92	SPDRY0456	384	SPDRY0303	147
DET175-240	SPDRY0411	201	SPDRY0434	92	SPDRY0457	406	SPDRY0304	177
DET265-350	SPDRY0412	266	SPDRY0435	92	SPDRY0458	521	SPDRY0305	210
DET440-585	SPDRY0413	270	SPDRY0436	92	SPDRY0459	384	SPDRY0307	251
DET645-715	SPDRY0414	313	SPDRY0437	94	SPDRY0460	557	SPDRY0308	325
DET745-955	SPDRY0415	335	SPDRY0438	98	SPDRY0461	528	SPDRY0308	325
DET1100-1220	SPDRY0416	375	SPDRY0439	101	SPDRY0462	384	SPDRY0308	325
DET1290-1420	SPDRY0417	421	SPDRY0440	75	SPDRY0463	557	SPDRY0308	325
DEQ440-585	SPDRY0418	270	SPDRY0441	75	SPDRY0464	528	SPDRY0307	251
DEQ645-715	SPDRY0419	313	SPDRY0442	116	SPDRY0465	384	SPDRY0308	325
DEQ745-955	SPDRY0420	335	SPDRY0443	116	SPDRY0466	557	SPDRY0308	325
DEQ1100-1220	SPDRY0421	375	SPDRY0444	116	SPDRY0467	528	SPDRY0308	325
DEQ1290-1420	SPDRY0422	421	SPDRY0445	116	SPDRY0468	557	SPDRY0308	325

^a D + E (see picture)

^b C (see picture)

^c A + B + C (see picture)

^d G + F (see picture)

The standard kits are available without LOCTITE 5922 glue. If you need loctite with the kit please add a request for code:

SPDRY0470: Price EUR 76



FEV-HP Shell-and-tube flooded evaporators

Flooded evaporators for air conditioning and process cooling applications where the primary driving force is energy efficiency improvement, especially at part load conditions.

The FEV HP evaporator series have been designed for use with HFC 134a and HFO1234ze but it can also be utilized for other HFCs as well as natural refrigerants such as propane.

The latest high performance boiling tubes ensure that the FEV series have the highest performance available in the market.

Model for oil free centrifugal compressors	CE Price	Capacity* (kW)	Capacity** (kW)	Shell diameter (mm)	Total length (mm)	Water passes	Water connection pipe
FEV-HP 1605	14329	276	174	406	2120	4	4"
FEV-HP 1610	18475	574	385	406	3590	2	5"
FEV-HP 1805	15840	314	193	457	2120	4	4"
FEV-HP 1810	19658	656	437	457	3590	2	5"
FEV-HP 2005	16914	387	246	508	2120	4	4"
FEV-HP 2010/1	25648	820	540	508	3590	2	6"
FEV-HP 2010/2	28347	1211	815	508	3590	2	6"
FEV-HP 2205	23070	600	402	559	2120	4	5"
FEV-HP 2210	31679	1152	772	559	3590	2	6"
FEV-HP 2410	36336	1476	995	610	3640	2	8"
FEV-HP 2610	40454	1542	1022	660	3640	2	8"
FEV-HP 2810	57283	1971	1314	711	3710	2	8"

* Nominal cooling capacity at the following conditions: refrigerant R134a, secondary fluid water, evaporation temperature 4.5°C, Tcond 50°C, water temperatures 12/6°C, oil free compressors.

** Nominal cooling capacity at the following conditions: refrigerant R134a, secondary fluid water, evaporation temperature 6°C, Tcond 50°C, water temperatures 12/7°C, oil free compressors.

Model for screw compressor with oil ***	CE Price	Capacity* (kW)	Capacity** (kW)	Shell diameter (mm)	Total length (mm)	Water passes	Water connection pipe
FEV-HP 1606	16122	276	174	406	2425	4	4"
FEV-HP 1612	20784	574	385	406	4200	2	5"
FEV-HP 1806	17820	314	193	457	2425	4	4"
FEV-HP 1812	22114	656	437	457	4200	2	5"
FEV-HP 2006	19028	387	246	508	2425	4	4"
FEV-HP 2012/1	28853	820	540	508	4200	2	6"
FEV-HP 2012/2	31890	1211	815	508	4200	2	6"
FEV-HP 2206	25953	600	402	559	2425	4	5"
FEV-HP 2212	35638	1152	772	559	4200	2	6"
FEV-HP 2412	40879	1476	995	610	4250	2	8"
FEV-HP 2612	45512	1542	1022	660	4250	2	8"
FEV-HP 2812	64444	1971	1314	711	4320	2	8"

* Nominal cooling capacity at the following conditions: refrigerant R134a, secondary fluid water, evaporation temperature 4.5°C, Tcond 50°C, water temperatures 12/6°C, screw compressors.

** Nominal cooling capacity at the following conditions: refrigerant R134a, secondary fluid water, evaporation temperature 6°C, Tcond 50°C, water temperatures 12/7°C, screw compressors.

*** Models for use with screw compressors include ports for return oil.

Standard price includes:

- Welded supports for one compressor
- One refrigerant inlet
- One refrigerant outlet
- Bottom welded feet
- One sight glass
- Flexible joint (Vitaucic) water-side connections including clamp and counter-pipe



CRF Shell-and-tube water cooled condensers

The new CRF condenser has been developed for HFC cooling applications at medium pressure (PS 30 bar) and high pressure (PS 48 barg) within refrigeration process cooling and air conditioning. The CRF design has been optimized for R407F and R134a refrigerants. The Alfa Laval CRF shell-and-tube condenser series guarantee maximum efficiency and compactness.

Three different tube lengths (5, 6, 7) to match different temperature approaches.

Please contact the Alfa Laval sales organisation for quotation of:

- DNV and GL approvals with R134a.
- DNV approval with power input for each compressor is <100 kW.
- Price can be lower than the one listed in the following table.

Model	Europe CE Price	Europe CE 48 bar Price	Support accessories		Flanges** Price	DNV Price	ASME - ABS - GL Price	EAC Price
			Welded supports (couple) Price	Brackets (couple) Price				
CRF serie – Length 5								
CRF162-5-XS	1828	2048	75	198	280	2194	2048	1865
CRF163-5-XS	1950	2184	75	198	280	2340	2184	1989
CRF164-5-XS	2072	2321	75	198	280	2487	2321	2114
CRF211-5-S	2555	2862	100	204	325	3066	2862	2606
CRF212-5-S	2800	3136	100	204	325	3360	3136	2856
CRF213-5-S	2983	3341	100	204	325	3580	3341	3043
CRF214-5-S	3103	3475	100	204	325	3723	3475	3165
CRF271-5-S	4025	4508	125	248	510	4829	4508	4105
CRF272-5-S	4279	4792	125	248	510	5135	4792	4365
CRF273-5-S	4502	5042	125	248	510	5402	5042	4592
CRF274-5-S	4883	5469	125	248	510	5860	5469	4981
CRF322-5-S	6089	6819	150	284	510	7306	6819	6210
CRF323-5-S	6479	7253	150	284	510	7771	7253	6606
CRF324-5-S	6993	7832	150	284	510	8392	7832	7133
CRF401-5-M	8888	9955	250	354	680	10666	9955	9066
CRF402-5-M	9333	10452	250	354	680	11199	10452	9519
CRF403-5-M	9904	11092	250	354	680	11884	11092	10102
CRF404-5-M	10665	11945	250	354	680	12798	11945	10878
CRF452-5-M	12874	14419	350	-	680	15449	14419	13132
CRF453-5-M	13446	15059	350	-	680	16135	15059	13715
CRF454-5-M	14049	15735	350	-	680	16859	15735	14330
CRF serie – Length 6								
CRF162-6-XS	2011	2252	75	198	280	2413	2252	2051
CRF163-6-XS	2145	2403	75	198	280	2574	2403	2188
CRF164-6-XS	2280	2553	75	198	280	2736	2553	2325
CRF211-6-S	2811	3148	100	204	325	3373	3148	2867
CRF212-6-S	3080	3449	100	204	325	3696	3449	3141
CRF213-6-S	3282	3676	100	204	325	3938	3676	3347
CRF214-6-S	3413	3822	100	204	325	4095	3822	3481
CRF271-6-S	4427	4958	125	248	510	5312	4958	4516
CRF272-6-S	4707	5272	125	248	510	5648	5272	4801
CRF273-6-S	4952	5546	125	248	510	5942	5546	5051
CRF274-6-S	5372	6016	125	248	510	6446	6016	5479
CRF322-6-S	6697	7501	150	284	510	8037	7501	6831
CRF323-6-S	7124	7979	150	284	510	8549	7979	7266
CRF324-6-S	7693	8616	150	284	510	9231	8616	7846
CRF401-6-M	9777	10951	250	354	680	11733	10951	9973
CRF402-6-M	10266	11498	250	354	680	12319	11498	10471
CRF403-6-M	10894	12201	250	354	680	13073	12201	11112
CRF404-6-M	11732	13139	250	354	680	14078	13139	11966
CRF452-6-M	14162	15861	350	-	680	16994	15861	14445
CRF453-6-M	14790	16565	350	-	680	17748	16565	15086
CRF454-6-M	15454	17309	350	-	680	18545	17309	15763

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.



CRF shell-and-tube water cooled condensers

Model	Europe CE Price	Europe CE 48 bar Price	Support accessories		Flanges** Price	DNV Price	ASME - ABS - GL Price	EAC Price
			Welded supports (couple) Price	Brackets (couple) Price				
CRF serie – Length 7								
CRF162-7-XS	2139	2396	75	198	280	2567	2396	2182
CRF163-7-XS	2282	2556	75	198	280	2738	2556	2327
CRF164-7-XS	2425	2716	75	198	280	2910	2716	2473
CRF211-7-S	2989	3348	100	204	325	3587	3348	3049
CRF212-7-S	3276	3669	100	204	325	3931	3669	3341
CRF213-7-S	3491	3909	100	204	325	4189	3909	3560
CRF214-7-S	3630	4066	100	204	325	4356	4066	3703
CRF271-7-S	4709	5274	125	248	510	5650	5274	4803
CRF272-7-S	5006	5607	125	248	510	6008	5607	5107
CRF273-7-S	5267	5899	125	248	510	6320	5899	5372
CRF274-7-S	5713	6399	125	248	510	6856	6399	5828
CRF322-7-S	7124	7978	150	284	510	8548	7978	7266
CRF323-7-S	7577	8486	150	284	510	9093	8486	7729
CRF324-7-S	8182	9164	150	284	510	9818	9164	8346
CRF401-7-M	10399	11647	250	354	680	12479	11647	10607
CRF402-7-M	10919	12229	250	354	680	13103	12229	11138
CRF403-7-M	11587	12978	250	354	680	13905	12978	11819
CRF404-7-M	12478	13976	250	354	680	14974	13976	12728
CRF452-7-M	15063	16870	350	-	680	18075	16870	15364
CRF453-7-M	15731	17619	350	-	680	18878	17919	16046
CRF454-7-M	16438	18410	350	-	680	19725	18410	16766

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.

Other approvals	Price multiplier from CE	Note
LR, BV, RINA, RS approval	OR	Please specify the refrigerant
Brazil NR13 approval	OR	Additional price for NR13 documentation 300 EUR* (net price) for each unit

DNV, ABS, LR, BV, GL, ASME, RINA and RS approvals are subjected to inspection cost according to the following list:

- DNV, ABS 200 EUR* for each unit (Hull number, shipyard and destination always have to be specified)
- ASME 500 EUR* for each unit (if the condenser is U-STAMP)
- BV, RINA, RS, GL, LR 500 EUR* for each unit (Hull number, shipyard and destination always have to be specified)

* These prices are fixed and cannot be discounted.

** Flanges available loose or assembled (leakage test)



CXP, CXPM Shell-and-tube water cooled condensers

A new series of condensers designed for fresh and sea water.

The range includes 15 models of condensers from 15 to 180 kW.

Model	Europe CE Price	Europe CE 45 bar version Price	Support accessories	
			Welded (couple) Price	Brackets* (single) Price
CXP serie – Fresh water				
CXP 111-XXS-4P	752	752	81	NA
CXP 112-XXS-4P	937	937	81	NA
CXP 113-XXS-4P	1169	1169	81	NA
CXP 111-XS-2P	1205	1205	81	NA
CXP 112-XS-2P	1280	1280	81	NA
CXP 113-XS-2P	1354	1354	81	NA
CXP 142-XS-2P	1566	1722	81	101
CXP 143-XS-2P	1637	1800	81	101
CXP 144-XS-2P	1709	1880	81	101
CXP 142-S-2P	1841	2025	81	101
CXP 143-S-2P	1960	2156	81	101
CXP 144-S-2P	2072	2280	81	101
CXP 161-S-2P	2429	2672	81	102
CXP 162-S-2P	2496	2745	81	102
CXP 163-S-2P	2596	2855	81	102
CXP 161-M-1P	2696	2965	81	102
CXP 162-M-1P	2791	3070	81	102
CXP 163-M-1P	2883	3171	81	102
CXPM serie – Sea water				
CXPM 111-XS-2P	1972	1972	81	NA
CXPM 112-XS-2P	2096	2096	81	NA
CXPM 113-XS-2P	2218	2218	81	NA
CXPM 142-XS-2P	2563	2819	81	101
CXPM 143-XS-2P	2680	2948	81	101
CXPM 144-XS-2P	2797	3077	81	101
CXPM 142-S-2P	3013	3314	81	101
CXPM 143-S-2P	3208	3529	81	101
CXPM 144-S-2P	3391	3730	81	101
CXPM 161-S-2P	3975	4372	81	102
CXPM 162-S-2P	4084	4492	81	102
CXPM 163-S-2P	4249	4674	81	102
CXPM 161-M-1P	4413	4854	81	102
CXPM 162-M-1P	4568	5025	81	102
CXPM 163-M-1P	4717	5189	81	102

* Brackets support are only available loose

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.



McDEW Shell-and-tube water cooled condensers

A new series of marine condensers designed to ensure perfect performance and reliability for all sea-water applications. The range includes 25 models of condensers from 15 to 770 kW, available in tower or city configuration. Special water gaskets are used to resist to high water pressure. The square tube sheet can be used as a support for the condenser.

Model	Europe CE Price	RUSSIA EAC CHINA SELO Price	USA ASME ¹ Price	ABS Price	DNV Price	Support accessories	
						Welded supports (couple) Price	Brackets (single) ² Price
McDEW 15	2699	2753	3222	3314	OR	81	102
McDEW 25	2863	2921	3402	3516	OR	81	102
McDEW 34	3078	3139	3633	3780	OR	81	102
McDEW 48	3428	3512	3956	4228	OR	81	102
McDEW 50	3443	3496	4012	4211	OR	81	102
McDEW 67	3659	3733	4183	4493	OR	81	102
McDEW 90	4071	4152	4619	5000	OR	81	102
McDEW 105	4284	4369	4937	5261	OR	81	102
McDEW 123	4615	4707	5294	5669	OR	81	102
McDEW 153	5812	5929	8193 ¹	8856	OR	92	103
						116 ¹	105
McDEW 175	6064	6185	8433 ¹	9239	OR	92	103
						116 ¹	105
McDEW 200	6304	6430	8754 ¹	9604	OR	92	103
						116 ¹	105
McDEW 205	6648	6780	9529 ¹	10130	OR	92	103
						116 ¹	105
McDEW 238	8946	9125	9969	10987	OR	192	128
McDEW 275	9818	10014	10915	12059	OR	192	128
McDEW 330	10877	11094	12056	13358	13200	192	128
McDEW 370	11706	11940	12710	14379	14206	192	128
McDEW 410	12142	12385	13176	14914	14735	192	128
McDEW 430	15470	15780	16700	18999	18773	233	146
McDEW 480	16808	17144	18114	20643	20397	233	146
McDEW 505	17702	18055	19062	21741	21482	233	146
McDEW 555	22606	23059	24260	27806	27434	273	182
McDEW 620	25574	26086	27404	31456	31036	273	182
McDEW 700	27392	27939	29331	33692	33242	273	182
McDEW 770	28216	28780	30200	34705	34242	273	182
McDEW 900	34479	35169	OR	42409	41843	880	NA
McDEW 940	35304	36011	OR	43424	42844	880	NA
McDEW 1040	38749	39523	OR	47661	47024	880	NA
McDEW 1100	46030	47292	OR	OR	55860	984	NA
McDEW 1220	46365	46949	OR	OR	56267	984	NA
McDEW 1360	48343	49310	OR	OR	58667	984	NA
McDEW 1520	58401	59569	OR	OR	70873	1057	NA
McDEW 1680	66482	67812	OR	OR	80681	1057	NA

¹ Shell diameter 219 mm, version not standard in case of ASME.

² Brackets support are only available loose.

DNV, ABS, LR, BV, GL, ASME, RINA, SELO and RS approvals are subjected to inspection cost according to the following list. :

- DNV, ABS 200 EUR* for each unit (Hull number, shipyard and destination always have to be specified)
- ASME 500 EUR* for each unit (if the condenser is U-STAMP)
- BV, RINA, RS, GL, LR, SELO 500 EUR* for each unit (Hull number, shipyard and destination always have to be specified)

* These prices are fixed and cannot be discounted.

** Flanges available loose or assembled (leakage test)



CDEW, CDEW-E Shell-and-tube water cooled condensers

Special water gasket configuration to resist to high water pressure. A standard range of shell and tube condensers includes 17 models optimized for R407C with a capacity range from 60 to 1680 kW.

The square tube sheet can be used as support for the condenser. The CDEW-E version has been optimized for R134a high performance applications.

Model	Europe CE Price	Europe CE 45 bar version Price	RUSSIA EAC CHINA SELO Price	USA ASME ¹ Price	ABS Price	DNV Price	Support accessories	
							Welded supports (couple) Price	Brackets* (single) ² Price
CDEW serie								
CDEW 60	1705	1930	1739	2151	2094	OR	81	102
CDEW 80	1827	2069	1863	2282	2244	OR	81	102
CDEW 100	2019	2290	2059	2491	2479	OR	81	102
CDEW 120	2143	2428	2186	2624	2632	OR	81	102
CDEW 135	2290	2517	2335	2781	2812	OR	81	102
CDEW 165	2890	3180	2948	4298 ¹	4537	OR	92 116 ¹	103 105
CDEW 190	2990	3275	3050	4436 ¹	4692	OR	92 116 ¹	103 105
CDEW 215	3138	3453	3201	4640 ¹	4925	OR	92 116 ¹	103 105
CDEW 240	3331	3666	3398	4909 ¹	5231	OR	92 116 ¹	103 105
CDEW 260	4678	5611	4772	5361	5746	5381	192	128
CDEW 300	5280	6190	5386	6010	6485	6072	192	128
CDEW 360	5686	6718	5799	6448	6983	6538	192	128
CDEW 400	5941	7130	6059	6726	7297	6832	192	128
CDEW 450	6161	7393	6285	6963	7568	7086	192	128
CDEW 470	7788	9346	7943	8717	9567	8956	233	146
CDEW 520	8126	9750	8288	9084	9981	9344	233	146
CDEW 550	8577	10292	8748	9572	10537	9862	233	146
CDEW 610	11873	14247	12110	13129	14604	13654	273	182
CDEW 680	12341	14807	12589	13637	15180	14192	273	182
CDEW 760	12967	15561	13225	14314	15949	14911	273	182
CDEW 840	13592	16308	13864	14988	16718	15631	273	182
CDEW 900	17282	OR	17627	OR	21257	19875	554	NA
CDEW 940	17721	OR	18075	OR	21797	20380	554	NA
CDEW 1040	18502	OR	18872	OR	22757	21278	554	NA
CDEW 1100	20547	OR	20958	OR	OR	23629	664	NA
CDEW 1220	21181	OR	21604	OR	OR	24358	664	NA
CDEW 1360	22039	OR	22480	OR	OR	25345	664	NA
CDEW 1520	31199	OR	31823	OR	OR	35879	707	NA
CDEW 1680	34248	OR	34932	OR	OR	39385	707	NA
CDEW-E serie								
CDEW-E 155	3959	OR	4039	OR	4722	OR	92	103
CDEW-E 170	4092	OR	4174	OR	4881	OR	92	103
CDEW-E 185	4305	OR	4391	OR	5134	OR	92	103
CDEW-E 215	5629	OR	5741	OR	6713	6474	192	128
CDEW-E 260	6548	OR	6679	OR	7807	7530	192	128
CDEW-E 315	6904	OR	7083	OR	8281	7987	192	128
CDEW-E 350	7177	OR	7320	OR	8559	8253	192	128
CDEW-E 370	7294	OR	7441	OR	8699	8389	192	128
CDEW-E 395	9380	OR	9568	OR	11293	10787	233	146
CDEW-E 440	9602	OR	9793	OR	11561	11042	233	146
CDEW-E 480	9968	OR	10167	OR	12002	11464	233	146
CDEW-E 520	14080	OR	14362	OR	OR	16193	273	182
CDEW-E 570	14509	OR	14799	OR	OR	16685	273	182
CDEW-E 640	15132	OR	15435	OR	OR	17402	273	182
CDEW-E 705	15844	OR	16162	OR	OR	18222	273	182

¹ Shell diameter 219 mm, version not standard in case of ASME.

² Brackets support are only available loose.

DNV, ABS, LR, BV, GL, ASME, RINA, SELO and RS approvals are subjected to inspection cost according to the following list.:

- DNV, ABS 200 EUR* for each unit (Hull number, shipyard and destination always have to be specified)
- ASME 500 EUR* for each unit (if the condenser is U-STAMP)
- BV, RINA, RS, GL, LR, SELO 500 EUR* for each unit (Hull number, shipyard and destination always have to be specified)

* These prices are fixed and cannot be discounted.

** Flanges available loose or assembled (leakage test)

Shell-and-tube water cooled condensers – Accessories

A wide range of accessories is available for CDEW water cooled condensers.



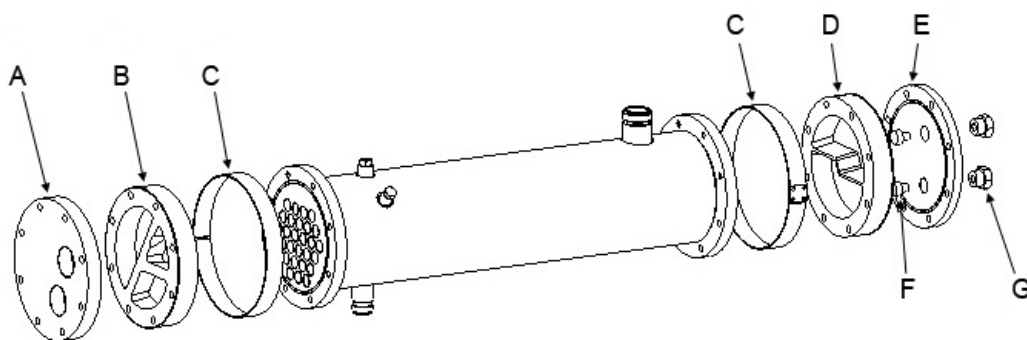
Sight glass available for water cooled condenser	Price
Sight glass - Glass diameter D = 30 mm	200

Std version multipliers for different application/construction	Price multiplier
Construction H.R. (desuperheater)	x 1.10
Desuperheater and condenser with indep. water circuit HRC	x 1.15
Condenser models with CE approval for water side work pressure of 16 bar (CDEW, CDEW-E, CXP, CXPM, McDEW)	x 1.10
Condenser models with water side in AISI 316L stainless steel (covers, tube sheets, exchange tubes)	x 2.2
Condenser models with water side in AISI 316L stainless steel (tube sheets, exchange tubes)	x 2
Condenser models all in AISI 316L stainless steel	x 2.8

Std version multipliers for twin condenser, 2 ref. circuit and 1 water circuit	Price multiplier
2 passes water side	x 2.0
1 pass water side	x 2.1

Adapters from threaded to flexible joint connection	Price
Kits including adapters in carbon steel for one condenser described in the shell-and-tube condenser brochure)	
Adapter T1-J1	198
Adapter T11-J11	207
Adapter T2-J2	227
Adapter T21-J21	248
Adapter T3-J3	258
Adapter T4-J4	340
Adapter T5-J5	383
In case of a stainless steel adapter, consider a price multiplier of a CS adapter. x 3.0	

Special execution for condenser CDEW Refrigerant connections options (see catalogue)			
Name	ODS mm	Type	Price
Rotalock connections with different ODS			
RB22	22	B	40
RB28	28	C	55
RB35	35	C	55
Refrigerant connection with different soldering ODS			
WA42	42	A	16
WA54	54	A	25
WA67	67	A	32
WA80	80	A	38
Refrigerant connection inlet with flange and counter flange with 90 curve			
FA35	35	A	107
FA42	42	A	118
FB54	54	B	150
FC67	67	C	261
FC80	80	C	298



Spare parts for CPlus, CDEW & CXP shell-and-tube condensers

Shell-and-tube model	Article no.	Price
Kit gasket water connections¹		
CPS35-80 Tower, McDEW 15-48 Tower	SPCP0001	150
CPS35-80 City, McDEW 15-48 City	SPCP0002	164
CPS70, 100-160 Tower; CDEW 60-135 Tower, McDEW 50-123 Tower	SPCP0003	150
CPS70, 100-160 City; CDEW 60-135 City, McDEW 50-123 City	SPCP0004	150
CPS180-260 Tower; CDEW 165-240 Tower, McDEW 153-205 Tower	SPCP0005	176
CPS180-260 City; CDEW 165-240 City, McDEW 153-205 City	SPCP0006	180
CPS285-520 Tower; CDEW 260-450 Tower, McDEW 238-410 Tower	SPCP0007	244
CPS285-520 City; CDEW 260-450 City, McDEW 238-410 City	SPCP0008	714
CDEW 470-550 Tower, McDEW 430-505 Tower	SPCP0025	342
CDEW 470-550 City, McDEW 430-505 City	SPCP0026	725
CDEW 610-840 Tower, McDEW 555-770 Tower	SPCP0027	1519
CDEW 610-840 City, McDEW 555-770 City	SPCP0028	1519
CFC8-CFC20; CFC/M8-CFC/M20 City	SPCP0013	73
CFC25-CFC40; CFC/M25-CFC/M40 City	SPCP0030	78
CFC50, CFC60; CFC/M50 City, CFC/M60 City	SPCP0015	84
CFC/M8-CFC/M20 Tower	SPCP0016	73
CFC/M25-CFC/M40 Tower	SPCP0017	78
CFC/M50 Tower, CFC/M60 Tower	SPCP0018	84
CXP-CXPM 111.112.113 XXS-XS	SPCXP001	98
CXP-CXPM 142.143.144 XS-S	SPCXP002	105
CXP-CXPM 161.162.163 S	SPCXP003	110
CXP-CXPM 161.162.163 M	SPCXP004	110
Kit water connections ²110		
CPS35-80 Tower	SPCP0100	338
CPS35-80 City	SPCP0101	330
CPS70, 100-160 Tower; CDEW 60-135 Tower	SPCP0104	338
CPS70, 100-160 City; CDEW 60-135 City	SPCP0105	338
CPS180-260 Tower; CDEW 165-240 Tower	SPCP0108	489
CPS180-260 City; CDEW 165-240 City	SPCP0109	484
CPS285-520 Tower; CDEW 260-450 Tower	SPCP0112	766
CPS285-520 City; CDEW 260-450 City	SPCP0113	1318
McDEW 15-48 Tower	SPCP0130	1015
McDEW 15-48 City	SPCP0131	1015
McDEW 50-123 Tower	SPCP0132	1241
McDEW 50-123 City	SPCP0133	1241
McDEW 153-205 Tower	SPCP0134	1749
McDEW 153-205 City	SPCP0135	1749
McDEW 238-410 Tower	SPCP0136	3340
McDEW 238-410 City	SPCP0137	3340
CXP 111.112.113 XXS	SPCXP005	237
CXP 111.112.113 XS	SPCXP006	237
CXP 142.143.144 XS-S	SPCXP007	320
CXP 161.162.163 S	SPCXP008	434
CXP 161.162.163 M	SPCXP009	407
CXPM 111.112.113 XS	SPCXP010	482
CXPM 142.143.144 XS-S	SPCXP011	589
CXPM 161.162.163 S	SPCXP012	939
CXPM 161.162.163 M	SPCXP013	1112

¹ B + C + D (see figure)

² A + B + C + D + E (see figure)

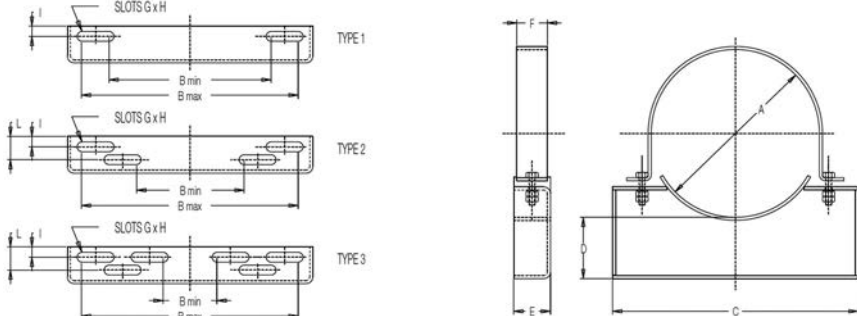
Spare parts for CPlus, CDEW & CXP shell-and-tube condensers

Spare parts anodes for marine condensers ³									
Article no.	CXPM Model	McDEW Model	CFC/M Model	CFL/M Model	ACFC/M Model	ACFL/M Model	CRS/M Model	Qty per condenser	Price
SPCP0160	111 XS - 144 S		8-20					2	20
SPCP0161	161 S - 163 S	15-123	25-40	42-50			3-12	2	22
SPCP0162		153-205	50-60	56-165			15-25	2	23
SPCP0163					150	180		1	39
SPCP0164		238-505			240	300		2	41
SPCP0165		555-770				750		2	60
SPCP0166		900-1680						1	316

³ F (see figure)

Spare parts anodes for marine condensers ⁴									
Article no.	CXPM Model	McDEW Model	CFC/M Model	CFL/M Model	ACFC/M Model	ACFL/M Model	CRS/M Model	Qty per condenser	Price
SPCP0170	111 XS - 144 S		8-20					2	60
SPCP0171	161 S - 163 S	15-123	25-40	42-50			3-12	2	63
SPCP0172		153-205	50-60	56-165			15-25	2	66
SPCP0173					150	180		1	81
SPCP0174		238-505			240	300		2	98
SPCP0175		555-770				750		2	161
SPCP0176		900-1680						1	426

⁴ G (see figure)

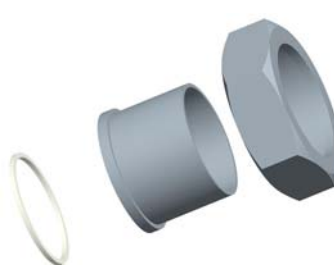
Universal brackets											
											
A	B		C	D	E	F	Slots			I	L
	Min.	Max.					G	H	Type		
140	82	178	220	60	50	40	12	60	1	25	-
168	112	208	250	60	50	40	12	60	1	25	-
194	46	238	280	60	50	40	12	60	2	15	32
219	82	276	320	80	50	40	12	60	2	15	32
273	176	352	400	100	60	50	16	60	2	17	38
324	108	372	420	100	60	50	16	60	3	17	38
406	216	468	520	120	80	60	18	60	3	20	54

Dimensions (mm)

Supports for shell-and-tube condensers			
Model	Shell diameter (mm)	Article no.	Brackets (couple) Price
CXP-CXPM 142.143.144 XS-S, CXP-CXPM 161.162.163 S-M	D = 140	10099200C	202
CDEW 60-135, McDEW 15-123, CDEW 165-240	D = 168	10099201C	204
CDEW-E 155-185, McDEW 153-205, CDEW 260-450	D = 194	10099202C	206
CDEW-E 215-370, McDEW 238-410, CDEW 470-550	D = 273	10099204C	255
CDEW-E 395-480, McDEW 430-505, CDEW 610-840	D = 324	10099205C	293
CDEW-E 520-705, McDEW 555-770	D = 406	10099206C	365

Shell-and-tube spare parts: single connections

Rotalock connection

	Refrigerant connections kit	Description	Article no.	Price
	RBL 22	Ring nut, gasket, angle connection	SPCP0157	60
	RCL 28	Ring nut, gasket, angle connection	SPCP0158	73
	RCL 35	Ring nut, gasket, angle connection	SPCP0159	70
	RA16	Ring nut, gasket	SPDRY0471	54
	RB22	Ring nut, gasket	SPDRY0472	59
	RC28	Ring nut, gasket	SPDRY0473	66
	RC35	Ring nut, gasket	SPDRY0474	65
	Kit gasket	Description	Article no.	Price
	RTLK 1"	Only gasket for type RA	SPDRY0490	15
	RTLK 1"1/4	Only gasket for type RB	SPDRY0491	15
	RTLK 1"3/4	Only gasket for type RC	SPDRY0492	18

Flange connection

	Kit gasket	Description	Article no.	Price
	FA35-42-54	Only gasket 55x55	SPDRY0493	29
	FB54-67	Only gasket 70x70	SPDRY0494	30
	FC80	Only gasket 90x90	SPDRY0495	29
	4"SAE	Only gasket	SPDRY0496	34
	5"SAE	Only gasket	SPDRY0497	36
	60x60	Only gasket 60x60	SPDRY0498	29
	100x100	Only gasket 100x100	SPDRY0499	31
	Refrigerant connections kit	Description	Article no.	Price
	FA35	Connection, screws, gasket	SPDRY0478	83
	FA42	Connection, screws, gasket	SPDRY0479	83
	FA54	Connection, screws, gasket	SPDRY0480	99
	FB54	Connection, screws, gasket	SPDRY0481	95
	FB67	Connection, screws, gasket	SPDRY0482	99
	FC67	Connection, screws, gasket	SPDRY0483	131
	FC80	Connection, screws, gasket	SPDRY0484	134
	FC89	Connection, screws, gasket	SPDRY0485	137
	4"SAE ODS=105	Connection, screws, gasket	SPDRY0486	185
	5"SAE ODS=133	Connection, screws, gasket	SPDRY0487	274

Kit flexible joint

	Kit flexible joint	Description	Article no.	Price
	J21	Only flexible joint	SPDRY0510	41
	J3	Only flexible joint	SPDRY0511	43
	J4	Only flexible joint	SPDRY0512	50
	J5	Only flexible joint	SPDRY0513	61
	J6	Only flexible joint	SPDRY0514	62
	J8	Only flexible joint	SPDRY0515	106



CFC-CPS-CDEW LF Shell-and-tube water cooled condensers Asia market only

Three series of fresh water shell and tube condensers with capacity from 5 to 1500 kW. All the series are equipped with LF (low fouling) tubes that are suitable for all the type of waters including the ones with high content of fouling.

Available only ex-works Alfa Laval factory Satara, India.

Model	Alfa Laval Standard Low fouling tubes Price	Support accessories	
		Welded (couple) Price	Brackets* (single) Price
CFC serie			
CFC 8 STD	655	81	NA
CFC 12 STD	681	81	NA
CFC 15 STD	822	81	NA
CFC 20 STD	863	81	NA
CFC 25 STD	1042	81	NA
CFC 30 STD	1104	81	NA
CFC 40 STD	1223	81	NA
CFC 50 STD	1336	81	NA
CFC 60 STD	1414	81	NA

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.

Model	Alfa Laval Standard Low fouling tubes Price	Support accessories	
		Welded (couple) Price	Brackets* (single) Price
CPS serie - LF			
CPS 35-LF	954	81	101
CPS 45-LF	1056	81	101
CPS 60-LF	1175	81	101
CPS 80-LF	1246	81	101
CPS 100-LF	1439	81	101
CPS 120-LF	1577	81	101
CPS 145-LF	1858	81	101
CPS 160-LF	1909	81	101
CPS 180-LF	2414	92	103
CPS 210-LF	2698	92	103
CPS 235-LF	2681	92	103
CPS 260-LF	2846	92	103
CPS 285-LF	3819	192	128
CPS 335-LF	4042	192	128
CPS 390-LF	4431	192	128
CPS 440-LF	4778	192	128
CPS 520-LF	5474	192	128

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.

Shell-and-tube heat exchangers

Model	Alfa Laval Standard Low fouling tubes Price	Support accessories	
		Welded (couple) Price	Brackets* (single) Price
CDEW serie - LF			
CDEW 60-LF	1494	81	102
CDEW 80-LF	1676	81	102
CDEW 100-LF	1826	81	102
CDEW 120-LF	1972	81	102
CDEW 135-LF	2426	81	102
CDEW 165-LF	3004	92	103
CDEW 190-LF	3225	92	103
CDEW 215-LF	3512	92	103
CDEW 240-LF	3888	92	103
CDEW 260-LF	4198	192	128
CDEW 300-LF	4616	192	128
CDEW 360-LF	5089	192	128
CDEW 400-LF	5422	192	128
CDEW 450-LF	5829	192	128
CDEW 470-LF	7105	233	146
CDEW 520-LF	7595	233	146
CDEW 550-LF	7827	233	146
CDEW 610-LF	10000	273	182
CDEW 680-LF	10288	273	182
CDEW 760-LF	10924	273	182
CDEW 840-LF	11913	273	182
CDEW 900-LF	13481	554	NA
CDEW 940-LF	13916	554	NA
CDEW 1040-LF	14431	554	NA
CDEW 1100-LF	16027	664	NA
CDEW 1220-LF	16521	664	NA
CDEW 1360-LF	17191	664	NA
CDEW 1520-LF	24335	707	NA
CDEW 1680-LF	26713	707	NA

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.

Model	Alfa Laval Standard Price	Support accessories	
		Welded (couple) Price	Brackets* (single) Price
CDEW-E serie - LF			
CDEW-E 155-LF	3599	92	103
CDEW-E 170-LF	3720	92	103
CDEW-E 185-LF	3914	92	103
CDEW-E 215-LF	5117	192	128
CDEW-E 260-LF	5952	192	128
CDEW-E 315-LF	6313	192	128
CDEW-E 350-LF	6525	192	128
CDEW-E 370-LF	6631	192	128
CDEW-E 395-LF	8527	233	146
CDEW-E 440-LF	8729	233	NA
CDEW-E 480-LF	9062	233	NA
CDEW-E 520-LF	12244	273	NA
CDEW-E 570-LF	12616	273	NA
CDEW-E 640-LF	13158	273	NA
CDEW-E 705-LF	13778	273	NA

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.

Note: CDEW-E design comes with square tube sheet. Unless specifically asked by customer, there is no need to add the price for the Bracket etc.



CFC/M Shell-and-tube water cooled condensers

One serie of small seawater shell-and-tube condensers with capacity from 5 to 60 kW. Available only ex-works Alfa Laval factory Satara, India.

Model	Alfa Laval Standard Price	Support accessories	
		Welded (couple) Price	Brackets* (single) Price
CFC/M serie			
CFC/M8 STD	1531	81	NA
CFC/M12 STD	1730	81	NA
CFC/M15 STD	1888	81	NA
CFC/M20 STD	2148	81	NA
CFC/M25 STD	2335	81	NA
CFC/M30 STD	3081	81	NA
CFC/M40 STD	3267	81	NA
CFC/M50 STD	3645	81	NA
CFC/M60 STD	4374	81	NA

Condensers can be 2P (tower) or 4P (city) versions. Price is the same both for 2P and 4P versions.



DM Shell-and-tube evaporators – standard models

Easy and quick selection charts for all article number based standard shell-and-tube models for the refrigeration industry.

Quick and easy selection chart for shell-and-tube heat exchangers

Model	Article no.	Article no. Optional brackets	Capacity (kW) R134a	Dimensions (mm) L x Ø	Weight (kg)	Price (without brackets)
DM1-225-2 CE	3287200281	10099203	85	2883 x 219	187	6774
DM1-225-3 CE	3287200289	10099203	98	3453 x 219	209	7207
DM1-226-2 CE	3287200282	10099203	111	2883 x 219	196	7198
DM1-226-3 CE	3287200290	10099203	125	3453 x 219	219	7658
DM1-227-2 CE	3287200283	10099203	134	2883 x 219	204	7745
DM1-227-3 CE	3287200291	10099203	150	3453 x 219	228	8239
DM1-276-2 CE	3287200284	10099204	164	2893 x 273	316	10092
DM1-276-3 CE	3287200292	10099204	185	3463 x 273	354	10737
DM1-277-2 CE	3287200285	10099204	192	2893 x 273	326	10496
DM1-277-3 CE	3287200293	10099204	215	3463 x 273	367	11166
DM1-326-2 CE	3287200286	10099205	231	2913 x 324	440	13712
DM1-326-3 CE	3287200294	10099205	262	3483 x 324	490	14588
DM1-327-2 CE	3287200287	10099205	265	2913 x 324	452	14204
DM1-327-3 CE	3287200295	10099205	299	3483 x 324	505	15110
DM1-328-2 CE	3287200288	10099205	299	2913 x 324	464	14980
DM1-328-3 CE	3287200296	10099205	335	3483 x 324	520	15936
DM2-225-2 CE	3287200297	10099203	87	2883 x 219	187	6913
DM2-225-3 CE	3287200309	10099203	98	3453 x 219	209	7354
DM2-226-2 CE	3287200298	10099203	98	2883 x 219	196	7345
DM2-226-3 CE	3287200310	10099203	126	3453 x 219	219	7814
DM2-227-2 CE	3287200299	10099203	135	2883 x 219	204	7902
DM2-227-3 CE	3287200311	10099203	152	3453 x 219	228	8407
DM2-276-2 CE	3287200300	10099204	166	2893 x 273	316	10298
DM2-276-3 CE	3287200312	10099204	187	3463 x 273	354	10955
DM2-277-2 CE	3287200301	10099204	195	2893 x 273	326	10710
DM2-277-3 CE	3287200313	10099204	218	3463 x 273	367	11394
DM2-326-2 CE	3287200302	10099205	239	2913 x 324	440	13993
DM2-327-2 CE	3287200303	10099205	261	2913 x 324	452	14493
DM2-326-3 CE	3287200314	10099205	263	3483 x 324	490	14886
DM2-328-2 CE	3287200304	10099205	293	2913 x 324	464	15286
DM2-327-3 CE	3287200315	10099205	302	3483 x 324	505	15418
DM2-328-3 CE	3287200316	10099205	338	3483 x 324	520	16262
DM2-416-2 CE	3287200305	10099206	352	2928 x 406	690	19208
DM2-416-3 CE	3287200317	10099206	383	3498 x 406	748	20434
DM2-417-2 CE	3287200306	10099206	396	2928 x 406	706	20115
DM2-417-3 CE	3287200318	10099206	432	3498 x 406	779	21399
DM2-418-2 CE	3287200307	10099206	439	2928 x 406	721	21010
DM2-419-2 CE	3287200308	10099206	480	2928 x 406	736	22153
DM2-418-3 CE	3287200319	10099206	505	3498 x 406	796	22350
DM2-419-3 CE	3287200320	10099206	558	3498 x 406	816	23567

All products are CE approved.

DM1 = 1 refrigerant circuit, DM2 = 2 refrigerant circuits.

Refrigerant R134a.

Brine = water + 38% propylene glycol

In: Brine = -4°C, Out: Brine = -8°C

Water pressure drop: max. 70 kPa

Evaporation temperature = -13°C; superheating = 5 K.

Shell material: carbon steel.

Tubes material: copper.

Packaging is not included in weight.



Pure Cooler Shell-and-tube evaporators – standard models

Easy and quick selection charts for all article number based standard shell-and-tube models for the refrigeration industry.

Quick and easy selection chart for shell-and-tube heat exchangers

Model	Article no.	Article no. Optional brackets	Capacity (kW) R134a	Dimensions (mm) L x Ø	Weight (kg)	Price (without brackets)
PCS226-1 HE	3287200132	10099203	165	2338 x 219	228	5562
PCS227-1 HE	3287200133	10099203	205	2338 x 219	235	5953
PCS227-2 HE	3287200134	10099203	255	2888 x 219	264	6133
PCS276-2 HE	3287200135	10099204	325	2888 x 273	381	6741
PCS277-2 HE	3287200136	10099204	375	2888 x 273	391	7109
PCS326-2 HE	3287200137	10099205	445	2918 x 324	512	9359
PCS327-2 HE	3287200138	10099205	480	2918 x 324	525	9875
PCS328-2 HE	3287200139	10099205	570	2918 x 324	537	10272
PCS416-2 HE	3287200140	10099206	635	2928 x 406	747	13480
PCS417-2 HE	3287200141	10099206	705	2928 x 406	767	14295
PCS418-2 HE	3287200142	10099206	775	2928 x 406	783	14628
PCS419-2 HE	3287200143	10099206	840	2928 x 406	798	15325
PCD226-1 HE	3287200144	10099203	165	2338 x 219	228	5576
PCD227-1 HE	3287200145	10099203	200	2339 x 219	235	5794
PCD227-2 HE	3287200146	10099203	260	2888 x 219	264	5966
PCD276-2 HE	3287200147	10099204	310	2888 x 273	381	6619
PCD277-2 HE	3287200148	10099204	355	2888 x 273	391	7042
PCD326-2 HE	3287200149	10099205	440	2918 x 324	512	9277
PCD327-2 HE	3287200150	10099205	500	2918 x 324	525	9856
PCD328-2 HE	3287200151	10099205	550	2918 x 324	537	10297
PCD416-2 HE	3287200152	10099206	635	2928 x 406	747	13365
PCD417-2 HE	3287200153	10099206	705	2928 x 406	767	14041
PCD418-2 HE	3287200154	10099206	775	2928 x 406	783	14891
PCD419-2 HE	3287200155	10099206	845	2928 x 406	798	15237
PCD416-3 HE	3287200156	10099206	700	3498 x 406	817	14201
PCD417-3 HE	3287200157	10099206	785	3498 x 406	841	15283
PCD418-3 HE	3287200158	10099206	860	3498 x 406	859	15855
PCD419-3 HE	3287200159	10099206	935	3498 x 406	877	16331

All products are CE approved.

R134a high efficiency.

PCS = 1 refrigerant circuit, PCD = 2 refrigerant circuits.

Refrigerant R134a.

Water inlet temperature = 12°C; Water outlet temperature = 7°C

Evaporation temperature = 2.75°C; superheating = 5 K.

Water pressure drop: max. 70 kPa

Shell material: carbon steel.

Tubes material: copper.

Packaging is included in weight.



Dryplus-3 Shell-and-tube evaporators – standard models

Easy and quick selection charts for all article number based standard shell-and-tube models for the refrigeration industry.

Quick and easy selection chart for shell-and-tube heat exchangers

Model	Article no.	Article no. Optional brackets	Capacity (kW) R407C	Dimensions (mm) L x Ø	Weight (kg)	Price (without brackets)
DXS 18	3287200121	10099200	19	887 x 140	53	1691
DXS 28	3287200122	10099200	28	1037 x 140	62	1736
DXS 35	3287200123	10099200	35	1257 x 140	67	1828
DXS 47	3287200124	10099200	47	1407 x 140	70	1912
DXS 56	3287200125	10099201	56	1281 x 168	92	2334
DXS 65	3287200126	10099201	65	1431 x 168	97	2410
DXS 80	3287200127	10099201	80	1631 x 168	105	2547
DXS 95	3287200128	10099201	95	1781 x 168	109	2598
DXS 120	3287200129	10099202	120	1815 x 164	135	2962
DXS 135	3287200130	10099202	135	2115 x 194	150	3477
DXS 165	3287200131	10099202	165	2315 x 194	165	3578
DXS 200	3287200048	10099203	200	2320 x 219	200	4316
DXS 240	3287200049	10099203	240	2620 x 219	215	4798
DXS 300	3287200050	10099204	300	2654 x 273	325	5964
DXS 345	3287200051	10099204	345	2654 x 273	325	6173
DXS 385	3287200067	10099204	385	2654 x 273	350	6793
DXS 450	3287200052	10099205	450	2697 x 324	440	8720
DXS 505	3287200053	10099205	505	2697 x 324	455	9454
DXS 570	3287200054	10099205	570	2697 x 324	480	10193
DXD 660	3287200055	10099206	660	2744 x 406	655	13415
DXD 770	3287200056	10099206	770	2744 x 406	685	14544
DXD 915	3287200057	10099206	915	2744 x 406	725	15509
DXD 1000	3287200058	10099206	1000	3244 x 406	815	19349
DXS 160R	3287200247	10099203	160	1820 x 219	190	3563
DXS 210R	3287200060	10099203	210	1820 x 219	255	5095
DXS 235R	3287200061	10099204	235	1850 x 273	270	5283
DXS 275R	3287200062	10099204	275	1850 x 273	285	5598
DXS 390R	3287200063	10099205	390	2180 x 324	360	7893
DXS 420R	3287200064	10099205	420	2180 x 324	380	8356
DXS 480R	3287200065	10099205	480	2180 x 324	400	9195

All products are CE approved.

Water connection TOP side.

DXS = 1 refrigerant circuit, DXD = 2 refrigerant circuits.

1P = one water pass, 2P = two water passes, 4P = four water passes.

Refrigerant R407C.

Water inlet temperature = 12°C; Water outlet temperature = 7°C

Evaporation temperature = 2.75°C; superheating = 5 K.

Shell material: carbon steel.

Tubes material: copper.

Packaging is included in weight.



CXP Shell-and-tube condensers – standard models

Easy and quick selection charts for all article number based standard shell-and-tube models for the refrigeration industry.

Quick and easy selection chart for shell-and-tube heat exchangers

Model	Article no.	Capacity (kW) R404A	Dimensions (mm) L x Ø	Weight (kg)	Price
CXP 111-XXS-4P	3287220023	8	569 x 114	33	752
CXP 112-XXS-4P	3287220024	13	569 x 114	34	937
CXP 113-XXS-4P	3287220025	17	569 x 114	35	1169
CXP 111-XS-2P	3287220005	19	973 x 114	38	1205
CXP 112-XS-2P	3287220004	25	973 x 114	39	1280
CXP 113-XS-2P	3287220002	32	973 x 114	41	1354
CXP 142-XS-2P	3287220007	42	981 x 141	57	1566
CXP 143-XS-2P	3287220010	52	981 x 141	58	1637
CXP 144-XS-2P	3287220011	60	981 x 141	60	1709
CXP 142-S-2P	3287220000	67	1381 x 141	72	1841
CXP 143-S-2P	3287220012	75	1381 x 141	75	1960
CXP 144-S-2P	3287220013	85	1381 x 141	77	2072
CXP 161-S-2P	3287220014	105	1396 x 168	90	2429
CXP 162-S-2P	3287220009	115	1396 x 168	92	2496
CXP 163-S-2P	3287220001	125	1396 x 168	94	2596
CXP 161-M-1P	3287220015	166	1906 x 168	110	2696
CXP 162-M-1P	3287220016	185	1907 x 168	114	2791
CXP 163-M-1P	3287220017	205	1908 x 168	117	2883

All products are CE approved.

1P = one water pass, 2P = two water passes, 4P = four water passes.

Refrigerant R404A.

Water inlet temperature = 30°C

Inlet refrigerant temperature = 85°C; condensing temperature = 40°C; subcooling = 3K.

Fouling factor = 0.000043 m² K/W.

Water pressure drop: max. 50 kPa.

Shell material: carbon steel.

Tubes material: copper.

Packaging is included in weight.



CDEW Shell-and-tube condensers – standard models

Easy and quick selection charts for all article number based standard shell-and-tube models for the refrigeration industry.

Quick and easy selection chart for shell-and-tube heat exchangers

Model	Article no.	Capacity (kW) R404A	Dimensions (mm) L x Ø	Weight (kg)	Price
CDEW-60 T	10059400	55	1500 x 168	83	1705
CDEW-80 T	10059401	75	1500 x 168	86	1827
CDEW-100 T	10059402	100	1500 x 168	90	2019
CDEW-120 T	10059403	120	1500 x 168	93	2143
CDEW-135 T	10059404	135	1500 x 168	113	2290
CDEW-165 T	10059405	165	1740 x 194	133	2890
CDEW-190 T	10059406	190	1740 x 194	136	2990
CDEW-215 T	10059407	215	1740 x 194	139	3138
CDEW-240 T	10059408	240	1940 x 194	149	3331
CDEW-260 T	10059409	260	1970 x 273	235	4678
CDEW-300 T	10059410	300	1970 x 273	243	5280
CDEW-360 T	10059411	360	1970 x 273	255	5686
CDEW-400 T	10059412	400	1970 x 273	262	5941
CDEW-450 T	10059413	450	1970 x 273	267	6161
CDEW-470 T	10059414	470	1980 x 324	335	7788
CDEW-520 T	10059415	520	1980 x 324	345	8126
CDEW-550 T	10059416	550	1980 x 324	335	8577
CDEW-610 T	10059417	610	1980 x 406	491	11873
CDEW-680 T	10059418	680	1980 x 406	502	12341
CDEW-760 T	10059419	760	1980 x 406	517	12967
CDEW-840 T	10059420	840	1980 x 406	532	13592
CDEW-900 T	10059421	900	2167 x 457	657	17282
CDEW-940 T	10059422	940	2167 x 457	668	17721
CDEW-1040 T	10059423	1040	2167 x 457	687	18502
CDEW-1100 T	10059424	1100	2194 x 508	796	20547
CDEW-1220 T	10059425	1220	2194 x 508	810	21181
CDEW-1360 T	10059426	1360	2194 x 508	833	22039
CDEW-1520 T	10059427	1520	2196 x 558	973	31199
CDEW-1680 T	10060472	1680	2196 x 558	1003	34248

All products are CE approved.

Two water passes version.

Refrigerant R404A.

Water inlet temperature = 29.4°C

Inlet refrigerant temperature = 85°C; condensing temperature = 40°C; subcooling = 3K.

Fouling factor = 0.000043 m² K/W.

Water pressure drop: max. 50 kPa.

Shell material: carbon steel.

Tubes material: copper.

Packaging is included in weight.



CDEW-E Shell-and-tube condensers – standard models

Easy and quick selection charts for all article number based standard shell-and-tube models for the refrigeration industry.

Quick and easy selection chart for shell-and-tube heat exchangers

Model	Article no.	Capacity (kW) R134a	Dimensions (mm) L x Ø	Weight (kg)	Price
CDEW-E155 T	10060092	155	2540 x 194	199	3959
CDEW-E170 T	10060093	168	2540 x 194	204	4092
CDEW-E185 T	10060094	183	2540 x 194	209	4305
CDEW-E215 T	10060087	215	2570 x 273	302	5629
CDEW-E260 T	10060088	260	2570 x 273	316	6548
CDEW-E315 T	10060089	315	2570 x 273	332	6944
CDEW-E350 T	10060090	350	2570 x 273	341	7177
CDEW-E370 T	10060091	370	2570 x 273	348	7294
CDEW-E395 T	10060084	395	2580 x 324	436	9380
CDEW-E440 T	10060085	440	2580 x 324	450	9602
CDEW-E480 T	10060086	480	2580 x 324	462	9968
CDEW-E520 T	10060080	520	2580 x 406	643	14080
CDEW-E570 T	10060081	570	2580 x 406	658	14509
CDEW-E640 T	10060082	640	2580 x 406	678	15132
CDEW-E705 T	10060083	705	2580 x 406	698	15844

All products are CE approved.

Two water passes version.

Refrigerant R134a.

Water inlet temperature = 29.4°C

Inlet refrigerant temperature = 85°C; condensing temperature = 37.5°C; subcooling = 3K.

Fouling factor = 0.000043 m² K/W.

Water pressure drop: max. 50 kPa.

Shell material: carbon steel.

Tubes material: copper.

Packaging is included in weight.

Alfa Laval Air Cooled Condensers

Air heat exchangers – Air Cooled Condensers - Quick Selection

Technical specifications

Product range	Setup			Fan rows	Refrigerant		Capacity range* kW	Noise Level range dB(A)	Selection tools			PD	Prices in RCPL
	Flat	Vert.	V-Type		H(C)FC	NH3			Alfa Select	Helpman Select	Fincoil Select	Litcode	
Commercial ranges													
AlfaBlue Junior AG(H)	X	X		1	X		5.2 - 240.70	18 - 54	X			ERC00258	X
Alfa-V Single Row VCM			X	1	X		18 - 550	20 - 64	X			ERC00226	X
Industrial ranges													
AlfaBlue BCM	X	X		1	X		15 - 460	20 - 63	X			ERC00031	X
AlfaBlue BCD	X	X		2	X		88 - 952	25 - 66	X			ERC00031	X
AlfaBlue BNM	X	X		1		X	15- 465	20 - 63	X			ERC00031	
AlfaBlue BND	X	X		2		X	84 - 1035	25 - 65	X			ERC00031	
Alfa-V ACV			X	2	X		104 - 1587	25 - 68	X			ERC00275	
Alfa-V ANV			X	2		X	97 - 1682	25 - 68	X			ERC00275	
AlfaSolar	X	X		1-2	X		39 - 1796	33 - 78	X			ERC00402	X
Fincoil Solar Max			X	1-2	X		170 - 1812	39 - 77			X	ERC00135	X
Fincoil Solar ZA/ZZ	X			1-2		X	66 - 948	37 - 70			X	ERC00136	X
* Nominal capacities according to EN1327													

* Nominal capacities according to ENV 327.

AlfaBlue Junior AG(H)



Alfa-V Single Row VCM



AlfaBlue BCM



AlfaBlue BCD



AlfaBlue BNM



AlfaBlue BND



Alfa-V ACV



Alfa-V ANV



Fincoil AlfaSolar



Fincoil Solar Max



Fincoil Solar ZA/ZZ





AlfaBlue Junior - Single fan row

Prices

The model is ready to be delivered: completely assembled, in vertical position, on a pallet, protected by a plastic film, ex-works.

The basic Air Cooled Condensers includes: the coil, fan motors, caseworks factory.

This version is ready to be installed in vertical position (horizontal air flow) or in horizontal adding the support kit feet.

For more information, please see the accessories page, where you can find more electrical options.

Coil options

- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- SWR: Sea water resistant,(Industrial or sea coast applications).
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Model	Series				Coil options Extra price EUR					
	S	L	Q	R**	EP	F-C	SWR	IF	BY	CU
Ø 350 (230V/1Ph - 50 Hz) - ERP 2015										
AG_351A	581	563			50	112	29	23	146	169
AG_351B	666	632			58	127	32	26	165	190
AG_351C	683	678			62	136	34	28	176	204
AG_352A	903	915			102	225	57	44	293	339
AG_352B	1049	1060			113	252	64	50	329	380
AG_352C	1101	1090			122	272	68	55	352	408
AG_353A	1245	1240			151	339	84	68	439	507
AG_353B	1374	1377			171	380	95	76	493	570
AG_353C	1470	1488			183	408	102	81	529	610
AG_354A	1895	1895			203	451	112	91	586	676
AG_354B	2198	2198			228	506	127	101	658	758
AG_354C	2363	2363			244	542	136	108	706	814
AG_356A	2699	2699			305	676	169	135	880	1015
AG_356B	2913	2913			342	758	190	151	987	1138
AG_356C	3126	3126			366	814	204	163	1058	1222
AG_358A	3383	3383			405	902	225	180	1172	1352
AG_358B	3681	3681			455	1012	252	203	1315	1518
AG_358C	3930	3930			488	1086	272	217	1411	1627
Ø 400 (230V/1Ph - 50 Hz) - ERP 2015										
AG_401A	595	595			58	123	34	20	150	176
AG_401B	682	682			63	147	39	23	188	187
AG_402A	980	980			114	247	69	39	303	353
AG_402B	1114	1114			127	295	77	43	378	376
AG_403A	1333	1333			172	370	103	59	453	529
AG_403B	1491	1491			188	443	116	66	567	563
Ø 500 (400V/3Ph - 50 Hz) - ERP 2015										
AG_501A	1038	1039	1038		114	180	64	37	241	263
AG_501B	1191	1192	1191		129	234	74	42	323	276
AG_501C	1334	1335	1334		142	285	83	47	406	305
AG_502A	1703	1705	1703		229	361	129	73	482	527
AG_502B	2054	2056	2054		256	467	148	84	647	553
AG_502C	2296	2298	2296		284	572	168	97	813	610
AG_503A	2512	2515	2512		344	541	192	110	722	790
AG_503B	2993	2996	2993		385	699	224	128	970	828
AG_503C	3381	3385	3381		426	857	251	144	1218	915
AG_504A	3406	3474	3455		458	721	254	148	963	1053
AG_504B	3987	3991	3987		514	932	298	170	1294	1104
AG_504C	4396	4400	4396		569	1143	334	192	1624	1218
Ø 630 (400V/3Ph - 50 Hz) - ERP 2015										
AG_631A	1671	1671	1671	1671	141	219	97	56	303	562
AG_631B	1934	1934	1934	1934	164	291	110	63	416	656
AG_631C	2175	2175	2175	2175	183	364	121	70	529	732
AG_632A	2572	2572	2572	2572	282	439	192	110	605	1126
AG_632B	2981	2981	2981	2981	328	584	219	127	832	1311
AG_632C	3312	3312	3312	3312	367	728	243	140	1059	1464
AG_633A	3826	3826	3826	3826	423	659	288	166	907	1688
AG_633B	4454	4454	4454	4454	491	876	330	188	1247	1966
AG_633C	4938	4938	4938	4938	550	1093	364	210	1588	2196
AG_634A	5018	5018	5018	5018	563	879	385	219	1208	2251
AG_634B	5873	5873	5873	5873	656	1168	440	252	1662	2621
AG_634C	6542	6542	6542	6542	733	1456	486	280	2117	2928
AG_635A	5863	5567	6069	6426	705	1098	482	275	1511	2813
AG_635B	6682	6885	7513	7875	819	1460	550	315	2079	3277
AG_635C	7700	7919	9046	8458	917	1820	607	349	2646	3662
AG_636A	6867	7058	7667	8111	846	1317	577	330	1813	3375
AG_636B	8447	8690	9451	9506	984	1752	660	378	2495	3933
AG_636C	9928	10193	10421	10423	1100	2185	729	419	3175	4393

**) Available "Y" fan motor connection



Model	Series				Coil options Extra price EUR					
	S	L	Q	R**	EP	F-C	SWR	IF	BY	CU
Ø 350 (230V/1Ph - 50 Hz) - ERP 2015										
AGH_351A	572	572			50	112	29	23	146	169
AGH_351B	605	605			58	127	32	26	165	190
AGH_351C	673	673			62	136	34	28	176	204
AGH_352A	948	948			102	225	57	44	293	339
AGH_352B	1018	1018			113	252	64	50	329	380
AGH_352C	1075	1075			122	272	68	55	352	408
AGH_353A	1209	1209			151	339	84	68	439	507
AGH_353B	1306	1306			171	380	95	76	493	570
AGH_353C	1498	1498			183	408	102	81	529	610
AGH_354A	2021	2021			203	451	112	91	586	676
AGH_354B	2554	2554			228	506	127	101	658	758
AGH_354C	2490	2490			244	542	136	108	706	814
AGH_356A	3144	3144			305	676	169	135	880	1015
AGH_356B	3076	3076			342	758	190	151	987	1138
AGH_356C	3328	3328			366	814	204	163	1058	1222
AGH_358A	3552	3552			405	902	225	180	1172	1352
AGH_358B	3926	3926			455	1012	252	203	1315	1518
AGH_358C	4439	4439			488	1086	272	217	1411	1627
Ø 400 (230V/1Ph - 50 Hz) - ERP 2015										
AGH_401A	613	613			58	123	34	20	150	176
AGH_401B	702	702			63	147	39	23	188	187
AGH_402A	1008	1008			114	247	69	39	303	353
AGH_402B	1147	1147			127	295	77	43	378	376
AGH_403A	1374	1374			172	370	103	59	453	529
AGH_403B	1537	1537			188	443	116	66	567	563
Ø 500 (400V/3Ph - 50 Hz) - ERP 2015										
AGH_501A	1069	1070	1069		114	180	64	37	241	263
AGH_501B	1228	1229	1228		129	234	74	42	323	276
AGH_501C	1373	1374	1373		142	285	83	47	406	305
AGH_502A	1755	1757	1755		229	361	129	73	482	527
AGH_502B	2115	2117	2115		256	467	148	84	647	553
AGH_502C	2366	2368	2366		284	572	168	97	813	610
AGH_503A	2588	2591	2588		344	541	192	110	722	790
AGH_503B	3083	3086	3083		385	699	224	128	970	828
AGH_503C	3481	3487	3481		426	857	251	144	1218	915
AGH_504A	3403	3596	3544		458	721	254	148	963	1053
AGH_504B	4107	4112	4107		514	932	298	170	1294	1104
AGH_504C	4528	4532	4528		569	1143	334	192	1624	1218
Ø 630 (400V/3Ph - 50 Hz) - ERP 2015										
AGH_631A	1721	1721	1721	1721	141	221	97	56	306	562
AGH_631B	1992	1992	1992	1992	164	295	110	63	420	656
AGH_631C	2240	2240	2240	2240	183	368	121	70	535	732
AGH_632A	2638	2638	2638	2638	282	443	192	110	610	1126
AGH_632B	3058	3058	3058	3058	328	589	219	127	840	1311
AGH_632C	3401	3401	3401	3401	367	735	243	140	1069	1464
AGH_633A	3925	3925	3925	3925	423	664	288	166	916	1688
AGH_633B	4570	4570	4570	4570	491	884	330	188	1260	1966
AGH_633C	5069	5069	5069	5069	550	1103	364	210	1604	2196
AGH_634A	5148	5148	5148	5148	563	886	385	219	1221	2251
AGH_634B	6028	6028	6028	6028	656	1178	440	252	1679	2621
AGH_634C	6716	6716	6716	6716	733	1471	486	280	2140	2928
AGH_635A	6831	6203	6139	6282	705	1098	482	275	1511	2813
AGH_635B	7464	6835	6835	7208	819	1460	550	315	2079	3277
AGH_635C	8142	7513	7513	7931	917	1820	607	349	2646	3662
AGH_636A	7960	7206	7206	7603	846	1317	577	330	1813	3375
AGH_636B	8730	7976	7976	8423	984	1752	660	378	2495	3933
AGH_636C	9486	8732	8732	9228	1100	2185	729	419	3175	4393

**) Available "Y" fan motor connection

Accessories and options

Axial fan motor				
Model		Price		
Ø 350	230V/1ph/50Hz 230V/1ph/60Hz	S	L	Q
		NEP	NEP	—
Ø 400	230V/1ph/50Hz 230V/1ph/60Hz	NEP	NEP	—
		NEP	NEP	—
	400V/3ph/50Hz 400V/3ph/60Hz	—	NEP	—
		—	NEP	—
Ø 500	230V/1ph/50Hz 230V/1ph/60Hz	NEP	NEP	NEP
		NEP	NEP	NEP
	400V/3ph/50Hz 400V/3ph/60Hz	NEP	NEP	NEP
		53	NEP	NEP
Ø 630	400V/3ph/50Hz 400V/3ph/60Hz	NEP	NEP	NEP
		227	NEP	NEP

NEP: no extra price.

Model	AC Electrical options								
	SW	EMC	CB	FP (230V/1ph)			FP (400V/3ph)		
				S	L	Q	S	L	Q
351	139	-	382	437	437	-	-	-	-
352	278	-	382	480	480	-	-	-	-
353	416	-	438	521	521	-	-	-	-
354	555	-	553	665	665	-	-	-	-
356	832	-	827	707	707	-	-	-	-
358	1111	-	997	749	749	-	-	-	-
401	139	-	382	437	437	-	-	-	-
402	278	-	382	480	480	-	-	-	-
403	416	-	438	521	521	-	-	-	-
501	139	188	382	437	437	437	1142	1142	1142
502	278	378	382	500	480	480	1200	1200	1200
503	416	568	438	555	521	521	1264	1264	1264
504	556	756	553	1001	563	563	1334	1334	1334
631	139	188	382	-	-	-	1179	1179	1179
632	277	378	382	-	-	-	1237	1237	1237
633	416	568	438	-	-	-	1301	1301	1301
634	555	756	553	-	-	-	1364	1364	1364
635	693	946	648	-	-	-	1556	1442	1442
636	832	1134	882	-	-	-	1626	1512	1512

SW: Local safety switch

EMC: Local safety switch EMC

FP: Fan speed control

CB: Terminal box

EC technology fans		Price
		EC fan not wiring
Ø 500	380-460V/3/50-60Hz	659
Ø 630	380-460V/3/50-60Hz	789

Always specify type unit programming required

Extra price for each fan.

EC Electrical options			
Model	Price		
	EC CB	EC CB+PT30	EC CB+PT50
501	155	349	349
502	310	504	504
503	464	659	659
504	618	814	814
631	161	355	355
632	320	516	516
633	482	676	676
634	642	836	836
635	802	997	997
636	962	1158	1158

The price option is intended for single unit.

EC CB: EC Terminal box

PT30: Pressure sensor - Transducer (0-10V) for Max 30bars (for AG)

PT50: Pressure sensor - Transducer (0-10V) for Max 50bars (for AGH)

Air heat exchangers – AlfaBlue Junior - Single fan row

Support kit options					
Model	Cover Galvanized steel	Feet			Vibration dampers
		Article no.	H	Price	Price
351	69	10999634	300 mm	106	171
352	69	10999634	300 mm	106	171
353	69	10999634	300 mm	106	171
354	98	10999635	300 mm	117	171
356	98	10999635	300 mm	117	171
358	98	10999635	300 mm	117	171
401	71	10999017	350 mm	111	171
402	71	10999017	350 mm	111	171
403	71	10999017	350 mm	111	171
501	81	10999364	420 mm	144	171
502	81	10999364	420 mm	144	171
503	81	10999364	420 mm	144	171
504	81	10999365	420 mm	203	417
631	111	10999461	500 mm	125	171
632	111	10999461	500 mm	125	171
633	111	10999461	500 mm	125	171
634	111	10999462	500 mm	185	417
635	111	10999463	500 mm	247	557
636	111	10999463	500 mm	247	557

The price option is intended for single unit.



AlfaBlue Condensers - Single fan row

Prices

T, S, L, Q, R Standard Noise Level Fan Motor: 400V/3ph - 50Hz for diameter 630, 800, 910 and 1000 mm.

V: Basic Unit Vertical Transport . The model is delivered: completely assembled, in vertical Position (air flow is horizontal), on a pallet, protected by a plastic film, ex-works factory.

The AlfaBlue Condensers includes: the coil, manifolds, fan motors, caseworks. Wiring has to be done by customer cabling all fans; this can be avoid adding the electrical components (see the ACCESSORIES page).

H: Basic Unit Horizontal Transport. This version is ready to be installed in horizontal position (air flow is vertical) with the support feet mounted (H = 500 mm). Wiring has to be done by customer cabling all fans; this can be avoid adding the electrical components (see the ACCESSORIES page).

Coil options

- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- SWR: Sea water resistant,(Industrial or sea coast applications).
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Condenser															
Series	S		L		Q		R**		Coil options Extra price EUR						
Position	V	H	V	H	V	H	V	H	EP	F-C	SWR	IF	BY	CU	
Ø 630 (400V/3Ph - 50 Hz) - ERP 2015															
BCM_631A	3152	3814	2908	3570	2886	3547	3552	4215	217	306	188	96	402	1522	
BCM_631B	3420	4081	3174	3838	3153	3815	3820	4482	240	390	210	104	536	1674	
BCM_631C	3709	4372	3465	4128	3443	4106	4110	4773	263	475	216	113	670	1842	
BCM_632A	5084	5701	4596	5213	4550	5168	5885	6502	435	610	378	188	804	3046	
BCM_632B	5773	6391	5286	5904	5240	5858	6574	7192	479	780	419	210	1071	3349	
BCM_632C	6271	6889	5784	6401	5737	6355	7072	7690	527	950	433	227	1338	3682	
BCM_633A	6940	7506	6208	6773	6140	6706	8142	8708	653	916	568	284	1206	4568	
BCM_633B	7864	8432	7133	7700	7067	7632	9066	9634	718	1170	629	314	1607	5022	
BCM_633C	8530	9097	7799	8367	7732	8298	9732	10299	790	1424	649	342	2007	5524	
BCM_634A	9123	10062	8147	9087	8057	8997	10725	11665	871	1222	756	378	1610	6090	
BCM_634B	9878	10817	8903	9842	8813	9751	11480	12420	958	1560	839	419	2143	6696	
BCM_634C	10709	11647	9734	10674	9644	10583	12312	13250	1055	1900	865	455	2677	7365	
630 Long (400V/3Ph - 50 Hz) - ERP 2015															
BCM_631AL	3440	4095	3195	3851	3173	3829	3841	4496	217	353	188	96	478	1522	
BCM_631BL	3768	4423	3525	4179	3502	4158	4168	4823	240	461	210	104	648	1674	
BCM_631CL	4091	4746	3848	4502	3824	4479	4492	5147	263	571	216	113	820	1842	
BCM_632AL	5687	6281	5197	5792	5152	5747	6488	7082	435	707	378	188	955	3046	
BCM_632BL	6535	7131	6047	6642	6003	6597	7337	7932	479	924	419	210	1298	3349	
BCM_632CL	7108	7704	6621	7217	6576	7172	7909	8506	527	1141	433	227	1639	3682	
BCM_633AL	8170	8725	7439	7993	7371	7926	9372	9927	653	1059	568	284	1433	4568	
BCM_633BL	8869	9422	8137	8693	8068	8625	10071	10624	718	1385	629	314	1946	5022	
BCM_633CL	9640	10195	8910	9464	8843	9397	10842	11397	790	1712	649	342	2460	5524	
Ø 800 (400V/3Ph - 50 Hz) - ERP 2015															
BCM_801A	4424	5060	4356	4991	4333	4968	4970	5606	332	538	275	138	767	2323	
BCM_801B	4821	5456	4753	5387	4730	5366	5367	6002	364	739	303	151	1084	2546	
BCM_801C	5295	5931	5227	5862	5205	5839	5841	6477	402	940	335	169	1400	2814	
BCM_802A	7423	8001	7285	7864	7240	7820	8515	9093	663	1074	549	275	1535	4645	
BCM_802B	8089	8666	7952	8529	7907	8484	9180	9758	728	1477	605	303	2166	5092	
BCM_802C	9304	9883	9167	9747	9122	9701	10396	10975	803	1880	672	335	2800	5628	
BCM_803A	10917	11409	10711	11201	10644	11135	12555	13047	996	1613	824	413	2302	6969	
BCM_803B	11977	12468	11772	12262	11704	12195	13615	14106	1092	2217	908	454	3251	7637	
BCM_803C	12802	13292	12597	13086	12527	13019	14440	14930	1205	2820	1008	504	4199	8442	
BCM_804A	14151	14978	13876	14701	13787	14612	16335	17162	1328	2151	1099	549	3069	9292	
BCM_804B	15815	16641	15539	16366	15449	16274	17998	18824	1455	2955	1211	605	4334	10184	
BCM_804C	17720	18546	17446	18272	17357	18181	19904	20730	1607	3760	1344	672	5598	11256	
BCM_805A	17094	18182	16753	17838	16640	17725	19823	20911	1659	2687	1374	686	3838	11614	
BCM_805B	19138	19986	18796	19619	18682	19829	21868	22716	1819	3693	1514	756	5417	12730	
BCM_805C	21349	22493	21006	22150	20893	22037	24078	25223	2010	4700	1679	840	6999	14070	

**) EC fan motors only

Air heat exchangers – AlfaBlue Condensers - Single fan row

T, S, L, Q, R Standard noise level fan motor.

V: Basic unit vertical transport .

H: Basic unit horizontal transport.

Coil options

- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- SWR: Sea water resistant,(Industrial or sea coast applications).
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Condenser																	
Series	T		S		L		Q		R**			Coil options Extra price EUR					
Position	V	H	V	H	V	H	V	H	V	H		EP	F-C	SWR	IF	BY	CU
Ø 910 (400V/3Ph - 50 Hz) - ERP 2015																	
BCM_901A	-	-	4703	5327	4677	5303	4681	5307	5316	5939		332	578	275	138	832	2323
BCM_901B	-	-	5147	5769	5120	5745	5125	5749	5759	6382		364	800	303	151	1179	2546
BCM_901C	-	-	5974	6598	5949	6572	5952	6576	6587	7211		402	1022	335	169	1527	2814
BCM_902A	-	-	7962	8499	7910	8448	7919	8455	9186	9723		663	1157	549	275	1663	4645
BCM_902B	-	-	9181	9719	9130	9668	9137	9676	10405	10943		728	1600	605	303	2360	5092
BCM_902C	-	-	10143	10681	10093	10632	10101	10639	11368	11907		803	2044	672	335	3055	5628
BCM_903A	-	-	12100	12556	12025	12481	12037	12492	13939	14394		996	1735	824	413	2495	6969
BCM_903B	-	-	13534	13989	13459	13914	13471	13927	15373	15827		1092	2400	908	454	3539	7637
BCM_903C	-	-	14419	14874	14344	14798	14355	14809	16256	16712		1205	3064	1008	504	4584	8442
BCM_904A	-	-	15450	16229	15350	16128	15365	16144	17900	18679		1328	2313	1099	549	3326	9292
BCM_904B	-	-	17094	17873	16993	17772	17009	17787	19544	20324		1455	3199	1211	605	4717	10184
BCM_904C	-	-	19323	20103	19224	20004	19238	20018	21775	22554		1607	4086	1344	672	6111	11256

**) EC fan motors only

Condenser																	
Series	T		S		L		Q		R			Coil options Extra price EUR					
Position	V	H	V	H	V	H	V	H	V	H		EP	F-C	SWR	IF	BY	CU
Ø 1000 (400V/3Ph - 50 Hz) - ERP 2015																	
BCM_1001A	5422	6045	5422	6045	5365	5987	4907	5530	4869	5494		332	578	275	138	832	2323
BCM_1001B	5865	6490	5865	6490	5807	6432	5349	5973	5312	5938		364	800	303	151	1179	2546
BCM_1001C	6692	7317	6692	7317	6635	7259	6179	6801	6141	6765		402	1022	335	169	1527	2814
BCM_1002A	9396	9933	9396	9933	9280	9819	8366	8902	8292	8829		663	1157	549	275	1663	4645
BCM_1002B	10615	11153	10615	11153	10501	11039	9585	10122	9512	10049		728	1600	605	303	2360	5092
BCM_1002C	11578	12117	11578	12117	11464	12002	10548	11088	10474	11012		803	2044	672	335	3055	5628
BCM_1003A	14280	14735	14280	14735	14108	14563	12734	13188	12624	13079		996	1735	824	413	2495	6969
BCM_1003B	15697	16153	15697	16153	15525	15981	14154	14608	14043	14498		1092	2400	908	454	3539	7637
BCM_1003C	16593	17049	16593	17049	16421	16877	15049	15505	14939	15394		1205	3064	1008	504	4584	8442
BCM_1004A	18319	19098	18319	19098	18090	18870	16259	17036	16111	16890		1328	2313	1099	549	3326	9292
BCM_1004B	19963	20742	19963	20742	19734	20512	17901	18681	17755	18535		1455	3199	1211	605	4717	10184
BCM_1004C	22189	22969	22189	22969	21961	22739	20130	20909	19983	20763		1607	4086	1344	672	6111	11256



AlfaBlue Condensers - Double fan row

Prices

T, S, L, Q, R Standard Noise Level Fan Motor: 400V/3Ph - 50Hz.

V: Basic Unit Vertical Transport . The model is delivered: completely assembled, in vertical position (air flow is horizontal), on a pallet, protected by a plastic film, ex-works factory.

The AlfaBlue Condensers includes: the coil, manifolds, fan motors, caseworks. Wiring has to be done by customer cabling all fans; this can be avoid adding the electrical components (see the ACCESSORIES page).

H: Basic Unit Horizontal Transport. This version is ready to be installed in horizontal position (air flow is vertical) with the support feet mounted (H = 500 mm). Wiring has to be done by customer cabling all fans; this can be avoid adding the electrical components (see the ACCESSORIES page).

Coil options

- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- SWR: Sea water resistant,(Industrial or sea coast applications).
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Condenser																
Series	T		S		L		Q		R**		Coil options Extra price EUR					
Position	V	H	V	H	V	H	V	H	V	H	EP	F-C	SWR	IF	BY	CU
Ø 800 (400V/3Ph - 50 Hz) - ERP 2015																
BCD_802A	-	-	11830	12462	11549	12184	11462	12096	14018	14653	1063	1926	863	433	2873	7446
BCD_802B	-	-	13209	13841	12929	13563	12841	13475	15397	16032	1203	2755	971	486	4175	8421
BCD_802C	-	-	14588	15220	14308	14942	14220	14855	16777	17411	1332	3582	1059	529	5475	9314
BCD_803A	-	-	16232	16816	15813	16396	15682	16265	19517	20099	1594	2890	1298	648	4310	11167
BCD_803B	-	-	19414	19998	18995	19578	18864	19447	22700	23282	1805	4132	1456	729	6262	12633
BCD_803C	-	-	21006	21590	20587	21170	20456	21039	24292	24873	1995	5375	1589	793	8213	13972
BCD_804A	-	-	21590	22533	21031	21974	20856	21800	25969	26914	2126	3853	1730	864	5747	14890
BCD_804B	-	-	24295	25239	23735	24680	23561	24506	28675	29620	2406	5511	1943	970	8349	16844
BCD_804C	-	-	27000	27944	26441	27385	26267	27211	31380	32324	2662	7166	2119	1060	10951	18630
BCD_805A	-	-	25992	27267	25293	26568	25075	26350	31468	32743	2658	4817	2162	1083	7183	18610
BCD_805B	-	-	29865	31140	29165	30441	28948	30223	35339	36614	3008	6888	2427	1213	10437	21054
BCD_805C	-	-	33684	34959	32985	34260	32767	34043	39159	40434	3327	8957	2648	1324	13689	23287
BCD_806A	-	-	30130	31423	29290	30585	29030	30323	36700	37994	3190	5780	2595	1298	8620	22333
BCD_806B	-	-	35169	36462	34330	35624	34068	35363	41739	43033	3609	8266	2912	1456	12524	25265
BCD_806C	-	-	40208	41502	39369	40663	39108	40402	46778	48072	3992	10749	3179	1589	16427	27944
Ø 910 (400V/3Ph - 50 Hz) - ERP 2015																
BCD_902A	-	-	12306	12928	12206	12827	12224	12845	14758	15380	1063	2257	863	433	3392	7446
BCD_902B	-	-	14428	15049	14327	14948	14346	14967	16880	17502	1203	3250	971	486	4951	8421
BCD_902C	-	-	16550	17171	16449	17070	16468	17089	19001	19624	1332	4243	1059	529	6513	9314
BCD_903A	-	-	16816	17382	16663	17230	16691	17258	20494	21060	1594	3386	1298	648	5087	11167
BCD_903B	-	-	19945	20511	19794	20360	19820	20388	23623	24190	1805	4874	1456	729	7427	12633
BCD_903C	-	-	23128	23694	22976	23543	23003	23571	26806	27372	1995	6364	1589	793	9769	13972
BCD_904A	-	-	19414	20343	19213	20142	19249	20178	24319	25247	2126	4513	1730	864	6784	14890
BCD_904B	-	-	25197	26125	24995	25923	25031	25959	30101	31029	2406	6499	1943	970	9903	16844
BCD_904C	-	-	31032	31960	30830	31758	30866	31794	35936	36864	2662	8486	2119	1060	13025	18630
BCD_905A	-	-	27000	28258	26747	28006	26794	28051	33130	34388	2658	5642	2162	1083	8479	18610
BCD_905B	-	-	32782	34040	32529	33787	32576	33833	38911	40170	3008	8124	2427	1213	12380	21054
BCD_905C	-	-	38617	39875	38364	39622	38411	39668	44746	46005	3327	10607	2648	1324	16281	23287

**) EC fan motors only

Condenser																
Series	T		S		L		Q		R		Coil options Extra price EUR					
Position	V	H	V	H	V	H	V	H	V	H	EP	F-C	SWR	IF	BY	CU
Ø 1000 (400V/3Ph - 50 Hz) - ERP 2015																
BCD_1002A	15156	15778	15156	15778	14927	15549	13099	13721	12952	13573	1063	2257	863	433	3392	7446
BCD_1002B	17278	17899	17278	17899	17049	17671	15220	15842	15074	15695	1203	3250	971	486	4951	8421
BCD_1002C	19400	20021	19400	20021	19170	19792	17342	17964	17196	17817	1332	4243	1059	529	6513	9314
BCD_1003A	21089	21656	21089	21656	20746	21313	18004	18571	17785	18350	1594	3386	1298	648	5087	11167
BCD_1003B	24219	24786	24219	24786	23875	24442	21135	21701	20914	21480	1805	4874	1456	729	7427	12633
BCD_1003C	27402	27969	27402	27969	27058	27625	24317	24884	24097	24662	1995	6364	1589	793	9769	13972
BCD_1004A	25113	26041	25113	26041	24655	25583	21001	21929	20707	21635	2126	4513	1730	864	6784	14890
BCD_1004B	30896	31824	30896	31824	30438	31366	26782	27711	26489	27417	2406	6499	1943	970	9903	16844
BCD_1004C	36731	37659	36731	37659	36272	37201	32617	33546	32323	33251	2662	8486	2119	1060	13025	18630
BCD_1005A	34125	35383	34125	35383	33552	34809	28982	30240	28615	29874	2658	5642	2162	1083	8479	18610
BCD_1005B	39906	41164	39906	41164	39334	40591	34764	36022	34398	35656	3008	8124	2427	1213	12380	21054
BCD_1005C	45741	46999	45741	46999	45169	46426	40598	41857	40233	41490	3327	10607	2648	1324	16281	23287

Air heat exchangers – AlfaBlue Condensers

Accessories and options

Accessories and options

Axial fan motor				
Model		Price		
		S	L	Q
Fan motor 400V/3ph-60 Hz, IP54, 460V/3ph-60 Hz, IP54, Extra price for each fan.	Ø 630	185	37	59
	Ø 800	499	NEP	NEP
	Ø 910	238	330	231
	Ø 1000	NEP	-	NEP
NEP: No extra price				
Explosion-proof fan motor				
On request				

AC Electrical options													
Model	Price												
	SW	EMC	CB	Switch board									
				B	BS	BP	BSP	BFP			BSFP		
								T	S	L	T	S	L
BCM													
631	139	188	304	2327	2629	3045	3310	-	3718	3718	-	3983	3983
632	278	378	381	2327	2629	3045	3310	-	3956	3956	-	4222	4222
633	416	569	744	2544	3223	3261	3563	-	4204	4204	-	4542	4542
634	556	757	1041	3468	3884	4262	4563	-	3726	5143	-	4141	5559
631L	139	188	304	2327	2629	3045	3310	-	3718	3718	-	3983	3983
632L	278	378	381	2327	2629	3045	3310	-	3956	3956	-	4222	4222
633L	416	569	744	2544	3223	3261	3563	-	4204	4204	-	4542	4542
801	139	188	376	2093	2358	2806	3033	-	3726	3726	-	3952	3952
802	278	378	614	2332	2633	3045	3310	-	3985	3985	-	4251	4251
803	416	569	742	2552	3233	3262	3564	-	4285	4249	-	4626	4588
804	556	757	1068	3489	3902	4264	4566	-	5246	5208	-	5661	5624
805	694	947	1178	3749	4239	4502	4844	-	5769	5537	-	6221	5989
901	139	188	387	2093	2358	2812	3037	-	3733	3733	-	3957	3957
902	278	378	596	2332	2633	3049	3314	-	3995	3995	-	4258	4258
903	416	569	742	2552	3233	3270	3572	-	4314	4275	-	4653	4615
904	556	757	1068	3489	3902	4281	4584	-	5282	5246	-	5699	5661
1001	139	188	387	2093	2358	2812	3037	3733	3733	3733	3957	3957	3957
1002	278	378	596	2332	2633	3049	3314	4033	3995	3995	4298	4258	4258
1003	416	569	742	2552	3233	3270	3572	4929	4314	4314	5267	4653	4653
1004	556	757	1068	3489	3902	4281	4584	6011	5282	5516	6428	5699	5932
BCD													
802	556	757	1254	2963	3265	3681	3945	-	5469	4993	-	5732	5258
803	833	1135	1691	3202	3881	3919	4221	-	5923	5308	-	6262	5649
804	1110	1515	2345	4181	4597	4975	5276	-	7228	6732	-	7644	7148
805	1388	1893	2703	4563	5055	5319	5621	-	7867	7754	-	8395	8283
806	1667	2272	3108	4993	5319	5471	5772	-	8181	7820	-	8766	8459
902	556	757	1299	2968	3270	3686	3952	-	5380	4931	-	5643	5196
903	833	1135	1758	3207	3886	3925	4227	-	5996	5380	-	6333	5719
904	1110	1515	2226	4198	4612	4990	5293	-	7217	6834	-	7633	7251
905	1388	1893	2740	4590	5083	5345	5649	-	7324	7212	-	7852	7739
1002	556	757	1299	2971	3272	3686	3952	5454	5380	5239	5719	5643	5503
1003	833	1135	1641	3211	3890	3928	4230	4724	5996	5996	5061	6333	6333
1004	1110	1515	2226	4198	4612	4990	5293	5999	7217	7329	6413	7633	7747
1005	1388	1893	2740	4590	5082	5345	5649	5939	7324	6111	6469	7852	6641

The price option is intended for single unit.

For all these option the equipment is cabled to the electric motors terminal box.

Noise Level: T, S, L, Q, R

SW: Local safety switch

EMC: Local safety switch EMC

CB: Terminal box

B: Basic switch board

BS: Basic switch board + signal

BP: Basic switch board + fan step control press.

BSP: Basic switch board + signal + fan step control press.

BFP: Basic switch board + fan speed control press. C option included

BSFP: Basic switch board + signal + fan speed control press. C option included

Switch board options	
Option to be added to the switch board.	All models
R Anti-condensate resistor 230Vac (Max operating temperature -25°C)	311
C Cooling fan 230Vac (max. operating temperature + 50°C)	347
F Cooling fan + Anti-condensate resistor (operating temperature -25 + 50°C)	658



Air heat exchangers – AlfaBlue Condensers Accessories and options

Model	Price									
	BI					BIC				
	T	S	L	Q	R	T	S	L	Q	R
BCM										
631	-	-	-	-	-	-	-	-	-	-
632	-	-	-	-	-	-	-	-	-	-
633	-	4784	3516	3516	-	-	-	-	-	-
634	-	5290	3981	3810	-	-	-	-	-	-
631L	-	-	-	-	-	-	-	-	-	-
632L	-	-	-	-	-	-	-	-	-	-
633L	-	4803	3536	3536	-	-	-	-	-	-
801	-	-	-	-	-	-	-	-	-	-
802	-	-	-	-	-	-	-	-	-	-
803	-	4594	3724	3555	-	-	-	-	-	-
804	-	5140	4911	4042	-	-	-	-	-	-
805	-	5902	5460	4593	-	-	-	-	-	-
901	-	-	-	-	-	-	-	-	-	-
902	-	-	-	-	-	-	-	-	-	-
903	-	4611	3743	3572	-	-	-	-	-	-
904	-	5171	4943	3904	-	-	-	-	-	-
1001	-	-	-	-	-	-	-	-	-	-
1002	-	-	-	-	-	-	-	-	-	-
1003	5053	4611	4611	3743	3572	-	-	-	-	-
1004	7040	5171	5171	4074	4074	-	-	-	-	-
BCD										
802	-	5090	4861	3994	-	-	5164	4864	4724	-
803	-	7500	5919	4822	-	-	6276	5803	5366	-
804	-	8391	6693	6253	-	-	7246	6574	6212	-
805	-	8825	8002	6193	-	-	8391	7396	6924	-
806	-	-	8108	6240	-	-	10900	8451	7780	-
902	-	5116	4886	3847	-	-	5112	4750	4750	-
903	-	6170	5729	4860	-	-	6091	5729	5286	-
904	-	8453	6544	5446	-	-	7348	6676	6012	-
905	-	8912	6721	6282	-	-	8536	7542	6851	-
1002	6983	5116	5116	4017	4017	5574	5112	5193	4750	4750
1003	-	6170	7768	5729	5729	7370	6091	6339	5729	5427
1004	-	8453	9042	6544	6315	9842	7348	7348	6676	6314
1005	-	8912	-	6721	6511	11153	8536	8536	7542	7069

The price option is intended for single unit.

- BI** Inverter equipment + switchboard by Ziehl-Abegg with integrated Sinus Filter (shielded cable not required).
Operating temperature range: -20/+55°C (the equipment have to be always powered).
- BIC** Electrical Cabinet with Inverter equipment by ABB. Shielded cable included.
Operating temperature range: -25/+55°C (the equipment have to be always powered).
With BIC is possible to install only EMC.

BI/BIC Options	
Option to be added to the switch board.	All models
R Anti-condensate resistor 230Vac (Max operating temperature -25°C)	311
C Cooling fan 230Vac (max. operating temperature + 50°C)	Already included

Air heat exchangers – AlfaBlue Condensers

Accessories and options

EC technology fans	Model	Price				
		EC fan not wiring				
		T	S	L	Q	R
380-460V/3/50-60Hz Extra price for each fan	Ø 630	-	748	665	665	-
	Ø 630L	-	748	665	665	-
	Ø 800	-	748	589	589	-
	Ø 910	-	764	764	539	-
	Ø 1000	327	327	327	856	856

Always specify type unit programming required

NEP: No extra price, NA = Not Available

EC Electrical options				
Model	Price			
	EC CB	EC CB1	BEC	BEC1
BCM				
631	439	576	1346	1484
632	519	657	1455	1592
633	599	736	1569	1706
634	779	917	1685	1822
631L	439	576	1346	1484
632L	519	657	1455	1592
633L	599	736	1569	1706
801	439	576	1346	1484
802	519	657	1455	1592
803	599	736	1569	1706
804	779	917	1685	1822
805	859	997	1791	1929
901	439	576	1346	1484
902	519	657	1455	1592
903	599	736	1569	1706
904	779	917	1685	1822
1001	439	576	1346	1484
1002	519	657	1455	1592
1003	599	736	1569	1706
1004	779	917	1685	1822
BCD				
802	883	1020	1685	1822
803	1042	1179	1943	2080
804	1404	1542	2191	2329
805	1564	1702	2443	2580
806	1724	1862	2703	2840
902	883	1020	1685	1822
903	1042	1179	1943	2080
904	1404	1542	2191	2329
905	1564	1702	2443	2580
1002	883	1020	1685	1822
1003	1042	1179	1943	2080
1004	1404	1542	2191	2329
1005	1564	1702	2443	2580

The price option is intended for single unit.

For all these option the equipment is cabled to the electric motors terminal box.

Noise Level: T, S, L, Q, R

EC CB: Parallel connection box 0-10V signal

BEC: Parallel switchboard 0-10V signal

EC CB1: Master/slave connection box with pressure signal

BEC1: Master/slave switchboard with pressure signal



Air heat exchangers – AlfaBlue Condensers Accessories and options

Model	Coil options			Support kit options							Vibration dampers
				Feet							
	MC	SC	Spray water	H850 mm		H500 mm		A			
				Article no.	Price	Article no.	Price	Article no.	Price		
Price			Article no.	Price	Article no.	Price	Article no.	Price	Price		
BCM											
631	63	63	-	10999206	551	10999203	392	10999209	414	171	
632	63	63	-	10999206	551	10999203	392	10999209	414	171	
633	63	63	-	10999206	551	10999203	392	10999209	414	171	
634	63	63	-	10999207	796	10999204	558	10999210	590	417	
631L	63	63	-	10999206	551	10999203	392	10999209	414	171	
632 L	63	63	-	10999206	551	10999203	392	10999209	414	171	
633 L	63	63	-	10999206	551	10999203	392	10999209	414	171	
801	63	63	-	10999206	551	10999203	392	10999209	414	171	
802	63	63	-	10999206	551	10999203	392	10999209	414	171	
803	63	63	-	10999206	551	10999203	392	10999209	414	171	
804	63	63	-	10999207	796	10999204	558	10999210	590	417	
805	63	63	-	10999208	1042	10999205	724	10999211	768	557	
901	63	63	-	10999206	551	10999203	392	10999209	414	171	
902	63	63	-	10999206	551	10999203	392	10999209	414	171	
903	63	63	-	10999206	551	10999203	392	10999209	414	280	
904	63	63	-	10999207	796	10999204	558	10999210	590	417	
1001	63	63	-	10999206	551	10999203	392	10999209	414	171	
1002	63	63	-	10999206	551	10999203	392	10999209	414	171	
1003	63	63	-	10999206	551	10999203	392	10999209	414	280	
1004	63	63	-	10999207	796	10999204	558	10999210	590	417	
BCD											
802	127	127	677	10999206	551	10999203	392	10999209	414	280	
803	127	127	1014	10999206	551	10999203	392	10999209	414	280	
804	127	127	1320	10999207	796	10999204	558	10999210	590	417	
805	127	127	1650	10999208	1042	10999205	724	10999211	768	557	
806	127	127	1785	10999208	1042	10999205	724	10999211	768	557	
902	127	127	677	10999206	551	10999203	392	10999209	414	280	
903	127	127	1014	10999206	551	10999203	392	10999209	414	280	
904	127	127	1320	10999207	796	10999204	558	10999210	590	417	
905	127	127	1650	10999208	1042	10999205	724	10999211	768	557	
1002	127	127	677	10999206	551	10999203	392	10999209	414	280	
1003	127	127	1014	10999206	551	10999203	392	10999209	414	280	
1004	127	127	1320	10999207	796	10999204	558	10999210	590	417	
1005	127	127	1650	10999208	1042	10999205	724	10999211	768	557	

The price option is intended for single unit.

MC: multi-circuits (for each additional circuit)
SC: sub-cooling circuit

Spray water: on the unit
NEP: No extra price

The vibration dampers are delivered without bolts and nuts.

Kit of support feet:

H: Horizontal position

A : Feet adjustable from 350 to 950 mm

Fincoil AlfaSolar Prices

AlfaSolar Model	Solar Model	Aluminium fins		Extra price		Extra price		Epoxy painted casing			
		Fin spacing		Epoxy coated fins		Copper fins		RAL 7040 (light gray)			
		2.3 & 4 mm	3.0 mm	2.3 mm	3.0 mm	2.3 mm	3.0 mm	MU	M1	M2	M3
SCM1A09_N5_3H	SCAG-111-09	6634	6563	331	325	2041	1512	981	2158	2158	2158
SCM1A09_N5_4H	SCAG-112-09	7355	7261	368	360	2714	2010	981	2158	2158	2158
SCM1B09_N5_4H	SCAG-113-09	7833	7711	404	394	3479	2574	981	2158	2158	2208
SCM2A09_N5_3H	SCAG-121-09	9736	9594	663	651	4081	3025	1177	2589	2589	2971
SCM2A09_N5_4H	SCAG-122-09	10852	10663	736	720	5428	4019	1177	2589	2589	2971
SCM2B09_N5_4H	SCAG-123-09	11835	11592	809	789	6958	5147	1177	2589	2827	3409
SCM3A09_N5_3H	SCAG-131-09	13244	13031	994	976	6122	4537	1284	2825	3203	3865
SCM3A09_N5_4H	SCAG-132-09	14727	14443	1104	1081	8142	6029	1284	2825	3203	3865
SCM3B09_N5_4H	SCAG-133-09	16226	15862	1213	1183	10437	7721	1284	2825	3682	4450
SCM4A09_N5_3H	SCAG-141-09	16615	16331	1325	1302	8162	6049	1534	3374	4321	5222
SCM4A09_N5_4H	SCAG-142-09	18517	18139	1472	1441	10856	8039	1534	3374	4321	5222
SCM4B09_N5_4H	SCAG-143-09	19998	19512	1618	1578	13917	10294	1534	3374	4919	5952
SCM5A09_N5_3H	SCAG-151-09	18963	18609	1656	1627	10203	7561	1641	3610	5056	6116
SCM5A09_N5_4H	SCAG-152-09	21135	20662	1840	1801	13570	10048	1641	3610	5056	6116
SCM5B09_N5_4H	SCAG-153-09	23522	22914	2022	1972	17396	12868	1887	4151	5815	7033
SCD2B09_N5_3H	SCAG-221-09	17856	17582	1129	1106	7779	5741	1427	3139	3945	4766
SCD2B09_N5_4H	SCAG-222-09	19801	19436	1256	1226	10363	7647	1427	3139	3945	4766
SCD2C09_N5_4H	SCAG-223-09	20910	20485	1358	1323	12089	8919	1534	3374	4321	5222
SCD3B09_N5_3H	SCAG-231-09	23406	22996	1693	1660	11668	8612	1676	3688	5421	6560
SCD3B09_N5_4H	SCAG-232-09	26092	25544	1885	1839	15545	11470	1676	3688	5421	6560
SCD3C09_N5_4H	SCAG-233-09	27775	27136	2037	1984	18133	13379	1676	3688	5421	6560
SCD4B09_N5_3H	SCAG-241-09	28366	27819	2258	2213	15557	11482	1926	4237	7017	8500
SCD4B09_N5_4H	SCAG-242-09	31608	30879	2513	2453	20727	15293	1926	4237	7017	8500
SCD4B09_N5_5H	—	35210	34298	2741	2666	25875	19083	1926	4237	7017	8500
SCD4C09_N5_4H	SCAG-243-09	33764	32913	2716	2646	24178	17839	1926	4237	7615	9231
SCD4C09_N5_5H	—	37881	36817	2954	2866	30189	22265	1926	4237	7615	9231
SCD4C09_N5_6H	NEW	41984	40708	3222	3117	36213	26705	1926	4237	7615	9231
SCD5B09_N5_3H	SCAG-251-09	34450	33766	2822	2766	19447	14353	2301	5061	8395	10169
SCD5B09_N5_4H	SCAG-252-09	38400	37489	3141	3066	25908	19116	2301	5061	8395	10169
SCD5B09_N5_5H	NEW	43243	42103	3427	3333	32343	23853	2301	5061	8395	10169
SCD5C09_N5_4H	SCAG-253-09	41179	40115	3395	3307	30222	22299	2301	5061	9112	11046
SCD5C09_N5_5H	—	46199	44869	3692	3583	37736	27831	2301	5061	9112	11046
SCD5C09_N5_6H	—	51219	49623	4027	3896	45267	33381	2301	5061	9112	11046
SCD6B09_N5_3H	SCAG-261-09	40663	39842	3387	3319	23336	17224	2568	5650	9994	12113
SCD6B09_N5_4H	SCAG-262-09	45305	44211	3769	3679	31090	22940	2568	5650	9994	12113
SCD6B09_N5_5H	SCAG-263-09	48551	47183	4112	3999	38812	28624	2568	5650	9994	12113
SCD6B09_N5_6H	SCAG-264-09	50338	48697	4318	4183	46548	34323	2568	5650	9994	12113
SCD6C09_N5_4H	SCAG-265-09	55174	53897	4074	3968	36267	26758	2568	5650	10951	13281
SCD6C09_N5_5H	SCAG-266-09	54839	53243	4431	4299	45283	33398	2568	5650	10951	13281
SCD6C09_N5_6H	SCAG-267-09	59936	58021	4833	4675	54320	40057	2568	5650	10951	13281
SCD7B09_N5_3H	SCAG-271-09	46686	45729	3951	3872	27226	20094	2782	6121	11465	13901
SCD7B09_N5_4H	SCAG-272-09	52019	50742	4397	4292	36271	26763	2782	6121	11465	13901
SCD7B09_N5_5H	SCAG-273-09	57853	56257	4797	4666	45280	33395	2782	6121	11465	13901
SCD7B09_N5_6H	SCAG-274-09	63380	61465	5038	4880	54306	40044	2782	6121	11465	13901

AlfaSolar Model	Solar Model	Aluminium fins		Extra price		Extra price		Epoxy painted casing			
		Fin spacing		Epoxy coated fins		Copper fins		RAL 7040 (light gray)			
		2.3 & 4 mm	3.0 mm	2.3 mm	3.0 mm	2.3 mm	3.0 mm	MU	M1	M2	M3
SCD2B12_N5_3H	SCAG-221-12	20348	20074	1129	1106	7779	5741	1427	3139	3945	4766
SCD2B12_N5_4H	SCAG-222-12	22243	21878	1256	1226	10363	7647	1427	3139	3945	4766
SCD2C12_N5_4H	SCAG-223-12	23386	22960	1358	1323	12089	8919	1534	3374	4321	5222
SCD3B12_N5_3H	SCAG-231-12	27189	26778	1693	1660	11668	8612	1676	3688	5421	6560
SCD3B12_N5_4H	SCAG-232-12	29806	29259	1885	1839	15545	11470	1676	3688	5421	6560
SCD3C12_N5_4H	SCAG-233-12	31557	30918	2037	1984	18133	13379	1676	3688	5421	6560
SCD4B12_N5_3H	SCAG-241-12	33366	32819	2258	2213	15557	11482	1926	4237	7017	8500
SCD4B12_N5_4H	SCAG-242-12	36526	35797	2513	2453	20727	15293	1926	4237	7017	8500
SCD4B12_N5_5H	—	40128	39216	2741	2666	25875	19083	1926	4237	7017	8500
SCD4C12_N5_4H	SCAG-243-12	38783	37931	2716	2646	24178	17839	1926	4237	7615	9231
SCD4C12_N5_5H	—	42778	41714	2954	2866	30189	22265	1926	4237	7615	9231
SCD4C12_N5_6H	—	46696	45419	3222	3117	36213	26705	1926	4237	7615	9231
SCD5B12_N5_3H	SCAG-251-12	40638	39954	2822	2766	19447	14353	2301	5061	8395	10169
SCD5B12_N5_4H	SCAG-252-12	44488	43576	3141	3066	25908	19116	2301	5061	8395	10169
SCD5B12_N5_5H	—	48941	47801	3427	3333	32343	23853	2301	5061	8395	10169
SCD5C12_N5_4H	SCAG-253-12	47399	46335	3395	3307	30222	22299	2301	5061	9112	11046
SCD5C12_N5_5H	—	51910	50580	3692	3583	37736	27831	2301	5061	9112	11046
SCD5C12_N5_6H	—	56704	55108	4027	3896	45267	33381	2301	5061	9112	11046
SCD6B12_N5_3H	SCAG-261-12	48062	47241	3387	3319	23336	17224	2568	5650	9994	12113
SCD6B12_N5_4H	SCAG-262-12	52586	51491	3769	3679	31090	22940	2568	5650	9994	12113
SCD6B12_N5_5H	SCAG-264-12	56000	54632	4112	3999	38812	28624	2568	5650	9994	12113
SCD6B12_N5_6H	SCAG-265-12	57494	55852	4318	4183	46548	34323	2568	5650	9994	12113
SCD6C12_N5_4H	SCAG-263-12	62206	60929	4074	3968	36267	26758	2568	5650	10951	13281
SCD6C12_N5_5H	SCAG-266-12	62129	60533	4431	4299	45283	33398	2568	5650	10951	13281
SCD6C12_N5_6H	SCAG-267-12	67096	65181	4833	4675	54320	40057	2568	5650	10951	13281
SCD7B12_N5_3H	SCAG-271-12	55269	54312	3951	3872	27226	20094	2782	6121	11465	13901
SCD7B12_N5_4H	SCAG-272-12	60501	59224	4397	4292	36271	26763	2782	6121	11465	13901
SCD7B12_N5_5H	SCAG-273-12	66186	64590	4797	4666	45280	33395	2782	6121	11465	13901
SCD7B12_N5_6H	SCAG-274-12	71573	69658	5038	4880	54306	40044	2782	6121	11465	13901

Accessories and options

Step control (SC)		
Fan speed	FLC (Full load current)	
	Ø914 mm	Ø1240 mm
350 rpm	1.44A	6.2A
470 rpm	2.6A	7.5A
560 rpm	2.9A	11A
720 rpm	4.9A	16A
950 rpm	9.3A	27A

Step control (SC)			
Rows x Number of fans	Number of steps	Pr	EC
Current / fan: until 6.9A			
1 x 2	2	3056	1303
1 x 3	3	4123	1697
1 x 4	4	4494	2090
1 x 5	5	5943	2472
1 x 6	6	7056	3022
1 x 7	7	7404	3494
2 x 2	2	4011	2067
2 x 3	3	5247	2955
2 x 4	4	6449	3798
2 x 5	5	8449	4876
2 x 6	6	9134	5595
2 x 7	7	9730	6022
Current / fan: 7.0A - 9.9A			
1 x 2	2	3146	1371
1 x 3	3	4258	1786
1 x 4	4	4685	2236
1 x 5	5	6168	2663
1 x 6	6	7382	3247
1 x 7	7	7730	3764
2 x 2	2	4191	2180
2 x 3	3	5449	3123
2 x 4	4	6685	4011
2 x 5	5	8786	5168
2 x 6	6	9426	5921
2 x 7	7	10303	6427
Current / fan: 10A-16A			
1 x 2	2	3303	1371
1 x 3	3	4494	1786
1 x 4	4	4921	2236
1 x 5	5	6494	2663
1 x 6	6	7730	3247
1 x 7	7	8864	3764
Current / fan: 17A-27A			
1 x 2	2	3651	2000
1 x 3	3	4629	2573
1 x 4	4	5460	3404
1 x 5	5	7213	4101
1 x 6	6	8269	4977
1 x 7	7	9483	6280

SC-Pr = Pressure control for condensers

SC-EC = External control.

Subject to changes without prior notice.

Frequency converter (SCV)												
Fan 914 mm		3/400V 50Hz	350 rpm		470 rpm		560 rpm		720 rpm		950 rpm	
AlfaSolar Model	Solar Model	Fan	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA
SCM1A09_3	111	1 x 1	3449	494	3449	494	3584	483	3719	494	3798	494
SCM1A09_4	112	1 x 1	3449	494	3449	494	3584	483	3719	494	3798	494
SCM1B09_4	113	1 x 1	3449	494	3449	494	3584	483	3719	494	3798	494
SCM2A09_3	121	1 x 2	3944	494	4078	494	4146	494	4213	494	4573	506
SCM2A09_4	122	1 x 2	3944	494	4078	494	4146	494	4213	494	4573	506
SCM2B09_4	123	1 x 2	3944	494	4078	494	4146	494	4213	494	4573	506
SCM3A09_3	131	1 x 3	4258	494	4202	494	4449	494	4550	494	5112	539
SCM3A09_4	132	1 x 3	4258	494	4202	494	4449	494	4550	494	5112	539
SCM3B09_4	133	1 x 3	4258	494	4202	494	4449	494	4550	494	5112	539
SCM4A09_3	141	1 x 4	4550	494	4528	494	4764	494	5236	506	5809	640
SCM4A09_4	142	1 x 4	4550	494	4528	494	4764	494	5236	506	5809	640
SCM4B09_4	143	1 x 4	4550	494	4528	494	4764	494	5236	506	5809	640
SCM5A09_3	151	1 x 5	4708	494	4921	506	5292	494	5517	506	6516	640
SCM5A09_4	152	1 x 5	4708	494	4921	506	5292	494	5517	539	6516	640
SCM5B09_4	153	1 x 5	4708	494	4921	506	5292	494	5517	539	6516	640
SCD2B09_3	221	2 x 2	4550	494	4528	494	4764	494	5236	506	5809	640
SCD2B09_4	222	2 x 2	4550	494	4528	494	4764	494	5236	506	5809	640
SCD2C09_4	223	2 x 2	4550	494	4528	494	4764	494	5236	506	5809	640
SCD3B09_3	231	2 x 3	5000	494	5685	506	5797	539	6157	539	7606	719
SCD3B09_4	232	2 x 3	5000	494	5685	506	5797	539	6157	539	7606	719
SCD3C09_4	233	2 x 3	5000	494	5685	506	5797	539	6157	539	7606	719
SCD4B09_3	241	2 x 4	5719	494	6640	539	6640	539	7235	629	8224	865
SCD4B09_4	242	2 x 4	5719	494	6640	539	6640	539	7235	629	8224	865
SCD4C09_4	243	2 x 4	5719	494	6640	539	6640	539	7235	629	8224	865
SCD5B09_3	251	2 x 5	6730	517	7235	539	7426	640	8314	640	9314	921
SCD5B09_4	252	2 x 5	6730	517	7235	539	7426	640	8314	640	9314	921
SCD5C09_4	253	2 x 5	6730	517	7235	539	7426	640	8314	640	9314	921
SCD6B09_3	261	2 x 6	7235	506	8101	640	8078	674	9651	865	11662	1191
SCD6B09_4	262	2 x 6	7235	506	8101	640	8078	674	9651	865	11662	1191
SCD6C09_4	263	2 x 6	7235	506	8101	640	8078	674	9651	865	11662	1191
SCD6B09_5	264	2 x 6	7235	506	8101	640	8078	674	9651	865	11662	1191
SCD6B09_6	265	2 x 6	7235	506	8101	640	8078	674	9651	865	11662	1191
SCD6C09_5	266	2 x 6	7235	506	8101	640	8078	674	9651	865	11662	1191
SCD6C09_6	267	2 x 6	7235	506	8101	640	8078	674	9651	865	11662	1191
SCD7B09_3	271	2 x 7	9662	551	10325	618	10864	618	11831	899	18033	2685
SCD7B09_4	272	2 x 7	9662	551	10325	618	10864	618	11831	899	18033	2685
SCD7B09_5	273	2 x 7	9662	551	10325	618	10864	618	11831	899	18033	2685
SCD7B09_6	274	2 x 7	9662	551	10325	618	10864	618	11831	899	18033	2685

BPA = Automatic by-pass

Extra price EUR		
Pressure transmitter (4-20mA)	1000	/ pc
Pressure transmitter (1-5V) 2 ccondensation circuit	303	/ Fan
Thermal contact protection (THC)	112	/ Fan
Safety isolating switch for each fan (Q)	112	/ Fan

Subject to changes without prior notice.

Air heat exchangers – Fincoil AlfaSolar

Frequency converter (SCV)												
Fan 1240 mm		3/400V 50Hz	350 rpm		470 rpm		560 rpm		720 rpm		950 rpm	
AlfaSolar Model	Solar Model	Fan	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA
SCD2B12_3	221	1 x 2	4337	494	4640	506	4842	539	5370	640	6842	742
SCD2B12_4	222	1 x 2	4337	494	4640	506	4842	539	5370	640	6842	742
SCD2C12_4	223	1 x 2	4337	494	4640	506	4842	539	5370	640	6842	742
SCD3B12_3	231	1 x 3	5011	494	5112	539	5573	640	6584	742	7449	1573
SCD3B12_4	232	1 x 3	5011	494	5112	539	5573	640	6584	742	7449	1573
SCD3C12_4	233	1 x 3	5011	494	5112	539	5573	640	6584	742	7449	1573
SCD4B12_3	241	1 x 4	5258	506	5820	640	6280	719	7235	921	9831	1843
SCD4B12_4	242	1 x 4	5258	506	5820	640	6280	719	7235	921	9831	1843
SCD4C12_4	243	1 x 4	5258	506	5820	640	6280	719	7235	921	9831	1843
SCD5B12_3	251	1 x 5	5966	539	6045	719	7426	865	8786	921	12213	2236
SCD5B12_4	252	1 x 5	5966	539	6045	719	7426	865	8786	921	12213	2236
SCD5C12_4	253	1 x 5	5966	539	6045	719	7426	865	8786	921	12213	2236
SCD6B12_3	261	1 x 6	6662	539	6797	865	7865	865	10763	1573	14190	2652
SCD6B12_4	262	1 x 6	6662	539	6797	865	7865	865	10763	1573	14190	2652
SCD6C12_4	263	1 x 6	6662	539	6797	865	7865	865	10763	1573	14190	2652
SCD6B12_5	264	1 x 6	6662	539	6797	865	7865	865	10763	1573	14190	2652
SCD6B12_6	265	1 x 6	6662	539	6797	865	7865	865	10763	1573	14190	2652
SCD6C12_5	266	1 x 6	6662	539	6797	865	7865	865	10763	1573	14190	2652
SCD6C12_6	267	1 x 6	6662	539	6797	865	7865	865	10763	1573	14190	2652
SCD7B12_3	271	1 x 7	7146	629	7887	742	9044	888	14314	2303	18224	3640
SCD7B12_4	272	1 x 7	7146	629	7887	742	9044	888	14314	2303	18224	3640
SCD7B12_5	273	1 x 7	7146	629	7887	742	9044	888	14314	2303	18224	3640
SCD7B12_6	274	1 x 7	7146	629	7887	742	9044	888	14314	2303	18224	3640

BPA = Automatic by-pass

Extra price EUR		
Pressure transmitter (4-20mA)	1000	/ pc
Pressure transmitter (1-5V) 2 condensation circuit	303	/ pc
Thermal contact protection (THC)	112	/ Fan
Safety isolating switch for each fan (Q)	112	/ Fan

Subject to changes without prior notice.



Alfa-V Condensers - Single fan row

Prices

T, S, L, Q, R Standard Noise Level Fan Motor: 400V/3Ph - 50Hz.

Coil options

- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- SWR: Sea water resistant,(Industrial or sea coast applications).
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Alfa-V Condensers - Single fan row											
Model	Series					Coil options Extra price					
	S	L	Q	R**		EP	F-C	SWR	BY	BY	CU
Ø 800 (400V/3Ph - 50Hz) - ERP 2015											
VCM_801A	4521	4455	4433	5071		435	439	110	192	605	2616
VCM_801B	4784	4719	4698	5336		470	584	127	219	832	2820
VCM_801C	5313	5248	5226	5864		524	728	140	243	1059	3143
VCM_802A	6812	6682	6638	7915		871	879	219	7700	1208	5231
VCM_802B	7500	7370	7326	8603		940	1168	219	7700	1662	5639
VCM_802C	8398	8268	8225	9501		1048	1456	219	7700	2117	6286
VCM_803A	9188	8992	8926	10841		1306	1317	330	7700	1813	7848
VCM_803B	10175	9980	9914	11827		1409	1752	330	7700	2495	8459
VCM_803C	11762	11565	11500	13414		1571	2185	330	7700	3175	9429
VCM_804A	11816	11556	11468	14020		1742	1757	440	7700	2417	10464
VCM_804B	12873	12612	12525	15076		1879	2335	440	7700	3326	11280
VCM_804C	14863	14601	14514	17067		2094	2913	440	7700	4234	12572
VCM_805A	14207	13879	13770	16962		2177	2197	550	7700	3022	13079
VCM_805B	15526	15200	15091	18281		2348	2919	550	7700	4158	14099
VCM_805C	18166	17839	17729	20921		2618	3641	550	7700	5293	15714
VCM_806A	16593	16202	16070	19900		2612	2637	660	7700	3627	15695
VCM_806B	18180	17787	17656	21486		2819	3503	660	7700	4988	16918
VCM_806C	21347	20955	20825	24653		3142	4370	660	7700	6351	18857
Ø 910 (400V/3Ph -50Hz)											
VCM_901A	4981	4955	4959	5594		435	496	130	227	694	2616
VCM_901B	5272	5246	5252	5884		470	670	148	260	965	2820
VCM_901C	5853	5828	5832	6466		524	843	165	286	1237	3143
VCM_902A	7507	7457	7465	8733		871	993	260	453	1387	5231
VCM_902B	8089	8037	8047	9313		940	1339	297	519	1931	5639
VCM_902C	9251	9201	9209	10477		1048	1685	330	573	2475	6286
VCM_903A	10192	10117	10130	12031		1306	1488	389	680	2082	7848
VCM_903B	11212	11135	11149	13050		1409	2007	445	779	2897	8459
VCM_903C	12955	12880	12895	14794		1571	2526	494	859	3712	9429
VCM_904A	13020	12919	12938	15473		1742	1985	519	906	2775	10464
VCM_904B	14184	14083	14102	16636		1879	2677	593	1038	3863	11280
VCM_904C	16510	16409	16427	18961		2094	3368	659	1145	4949	12572
VCM_905A	15654	15528	15551	18719		2177	2481	649	1133	3469	13079
VCM_905B	17107	16981	17004	20172		2348	3346	742	1298	4829	14099
VCM_905C	20014	19887	19911	23079		2618	4211	824	1432	6187	15714

**) EC fan motors only



Accessories and options

Axial fan motor		Price		
Model		S	L	Q
Fan motor 400V/3ph-60 Hz, IP54, 460V/3ph-60 Hz, IP54, Extra price for each fan		499	NEP	NEP
NEP: No extra price		239	330	251

AC Electrical options											
Model	Price										
	SW	EMC	CB	Switch board							
				B	BS	BP	BSP	BFP		BSFP	
								S	L	S	L
801	139	188	376	1248	1537	-	-	2129	2129	4273	4273
802	277	378	614	1340	1628	1958	2247	2220	2220	4443	4443
803	416	568	742	1441	1478	2059	2096	2321	2321	4383	4383
804	555	756	1068	1641	2112	2260	2731	2623	2520	5309	5205
805	693	946	1178	2078	2654	2696	3274	3061	2957	6278	6175
806	832	1134	1409	2189	2859	2807	3477	3677	3068	7086	6478
901	139	188	387	1250	1541	-	-	2131	2131	4277	4277
902	277	378	596	1344	1633	1963	2252	2224	2224	4449	4449
903	416	568	742	1447	1485	2065	2103	2327	2327	4389	4389
904	555	756	1068	1649	2120	2267	2738	2632	2530	5316	5213
905	693	946	1335	2089	2666	2708	3285	3071	2968	6289	6186

The price option is intended for single unit.

For all these option the equipment is cabled to the electric motors terminal box.

Noise Level: T, S, L, Q, R

SW: Local safety switch

EMC: Local safety switch EMC

CB: Terminal box

B: Basic switch board

BS: Basic switch board + signal

BP: Basic switch board + fan step control press.

BSP: Basic switch board + signal + fan step control press.

BFP: Basic switch board + fan speed control press. C option included

BSFP: Basic switch board + signal + fan speed control press. C option included

Model	Price		
	BI		
	S	L	Q
801			
802	3570	3433	2787
803	4746	3740	3603
804	5209	3937	3799
805	5910	5401	4394
806	7678	5585	4577
901			
902	3575	3575	2791
903	4753	3747	2963
904	5217	4952	3808
905	5677	5413	4406

The price option is intended for single unit.

BI Inverter equipment + switchboard by Ziehl-Abegg with integrated Sinus Filter (shielded cable not required).

Operating temperature range: -20/+55°C (the equipment have to be always powered).

Switchboard Options	
Option to be added to the switch board.	All models
R Anti-condensate resistor 230Vac (Max operating temperature -25°C)	288
C Cooling fan 230Vac (max. operating temperature + 50°C)	338
F Cooling fan + Anti-condensate resistor (operating temperature -25 + 50°C)	526



Air heat exchangers – Alfa-V single fan row: Accessories and options

EC technology fans	Model	Price		
		EC fan not wiring		
380-460V/3/50-60Hz Extra price for each fan		S	L	Q
	Ø 800	748	1394	589
	Ø 910	763	7643	539

Always specify type unit programming required
NEP: No extra price, NA = Not Available

EC Electrical options				
Model	Price			
	EC CB	EC CB1	BEC	BEC1
801	439	576	1346	1484
802	519	657	1455	1592
803	599	736	1569	1706
804	779	917	1685	1822
805	859	997	1791	1929
806	940	1076	1943	2080
901	439	576	1346	1484
902	519	657	1455	1592
903	599	736	1569	1706
904	779	917	1685	1822
905	859	997	1791	1929

For all these option the equipment is cabled to the electric motors terminal box.

Noise Level: T, S, L, Q, R

EC CB: Parallel connection box 0-10V signal

BEC: Parallel switchboard 0-10V signal

EC CB1: Master/slave connection box with pressure signal

BEC1: Master/slave switchboard with pressure signal

Air heat exchangers – Fincoil Solar Max

Fincoil Solar Max Prices

Fan 914 mm	Aluminium fin	Epoxy painted casing	Fan 1240 mm	Aluminium fin			Extra price		
		RAL 7040 (light gray)					Epoxy coated fins	Copper fins	Spray water (D)
Size	All rpm's	Visible parts	Size	350/470 rpm	560/720 rpm	950 rpm	2.3 mm	2.3 mm	
1-4	24640	1573	1-2	24988	25856	26136	2559	-	467
2-4	27439	1573	2-2	27673	28456	28703	3248	-	467
3-4	32649	1573	3-2	33260	33867	34046	4694	-	467
4-6	32153	1921	4-3	32784	34234	34711	3626	-	745
5-6	35578	1921	5-3	36528	37860	38291	4694	-	745
6-6	42759	1921	6-3	43738	44842	45185	6819	-	745
7-8	40311	2359	7-4	41311	43320	43985	4672	-	957
8-8	44571	2359	8-4	45722	47592	48203	6107	-	957
9-8	53729	2359	9-4	54974	56553	57051	8944	-	957
10-10	47985	2809	10-5	49145	51735	52598	5773	-	1157
11-10	53162	2809	11-5	54493	56915	57711	7531	-	1157
12-10	64112	2809	12-5	65803	67868	68526	11091	-	1157
13-12	55832	3236	13-6	57180	60345	61402	6819	-	1357
14-12	61913	3236	14-6	63461	66427	67407	8944	-	1357
15-12	74720	3236	15-6	76690	79239	80057	13226	-	1357

(*): On request

Subject to changes without prior notice.

Accessories and options

Step control (SC)		
Fan speed	FLC (Full load current)	
	Ø914 mm	Ø1240 mm
350 rpm	1.4A	6.2A
470 rpm	2.5A	7.5A
560 rpm	2.8A	11A
720 rpm	4.3A	16A
950 rpm	7.0A	27A

Step control (SC)			
Rows x Number of fans	Number of steps	Pr	EC
Current / fan: until 6.9A			
1 x 2	2	3056	1303
1 x 3	3	4123	1697
1 x 4	4	4494	2090
1 x 5	5	5943	2472
1 x 6	6	7056	3022
1 x 7	7	7404	3494
2 x 2	2	4011	2067
2 x 3	3	5247	2955
2 x 4	4	6449	3798
2 x 5	5	8449	4876
2 x 6	6	9134	5595
2 x 7	7	9730	6022
Current / fan:7.0A - 9.9A			
1 x 2	2	3146	1371
1 x 3	3	4258	1786
1 x 4	4	4685	2236
1 x 5	5	6168	2663
1 x 6	6	7382	3247
1 x 7	7	7730	3764
2 x 2	2	4191	2180
2 x 3	3	5449	3123
2 x 4	4	6685	4011
2 x 5	5	8786	5168
2 x 6	6	9426	5921
2 x 7	7	10303	6427
Current / fan: 10A-16A			
1 x 2	2	3303	1371
1 x 3	3	4494	1786
1 x 4	4	4921	2236
1 x 5	5	6494	2663
1 x 6	6	7730	3247
1 x 7	7	8864	3764
Current / fan: 17A-27A			
1 x 2	2	3651	2000
1 x 3	3	4629	2573
1 x 4	4	5460	3404
1 x 5	5	7213	4101
1 x 6	6	8269	4977
1 x 7	7	9483	6280

SC-Pr = Pressure control for condensers

SC-EC = External control.

Subject to changes without prior notice.

Air heat exchangers – Fincoil Solar Max

Frequency converter (SCV)											
Fan 914 mm	3/400V 50Hz	350 rpm		470 rpm		560 rpm		720 rpm		950 rpm	
Size	Fan	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA
1-4	2x2	4550	494	4528	494	4764	494	5236	506	5809	640
2-4	2x2	4550	494	4528	494	4764	494	5236	506	5809	640
3-4	2x2	4550	494	4528	494	4764	494	5236	506	5809	640
4-6	2x3	5000	494	5685	506	5797	539	6157	539	7606	719
5-6	2x3	5000	494	5685	506	5797	539	6157	539	7606	719
6-6	2x3	5000	494	5685	506	5797	539	6157	539	7606	719
7-8	2x4	5719	494	6640	539	6640	539	7235	629	8224	865
8-8	2x4	5719	494	6640	539	6640	539	7235	629	8224	865
9-8	2x4	5719	494	6640	539	6640	539	7235	629	8224	865
10-10	2x5	6730	517	7235	539	7426	640	8314	640	9314	921
11-10	2x5	6730	517	7235	539	7426	640	8314	640	9314	921
12-10	2x5	6730	517	7235	539	7426	640	8314	640	9314	921
13-12	2x6	7235	506	8101	640	8078	674	9651	865	11662	1191
14-12	2x6	7235	506	8101	640	8078	674	9651	865	11662	1191
15-12	2x6	7235	506	8101	640	8078	674	9651	865	11662	1191
Fan 1240 mm	3/400V 50Hz	350 rpm		470 rpm		560 rpm		720 rpm		950 rpm	
Size	Fan	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA	SVC	BPA
1-2	1x2	4337	494	4640	506	4842	539	5370	640	6842	742
2-2	1x2	4337	494	4640	506	4842	539	5370	640	6842	742
3-2	1x2	4337	494	4640	506	4842	539	5370	640	6842	742
4-2	1x3	5011	494	5112	539	5573	640	6584	742	7449	1573
5-3	1x3	5011	494	5112	539	5573	640	6584	742	7449	1573
6-3	1x3	5011	494	5112	539	5573	640	6584	742	7449	1573
7-4	1x4	5258	506	5820	640	6280	719	7235	921	9831	1843
8-4	1x4	5258	506	5820	640	6280	719	7235	921	9831	1843
9-4	1x4	5258	506	5820	640	6280	719	7235	921	9831	1843
10-5	1x5	5966	539	6045	719	7426	865	8786	921	12213	2236
11-5	1x5	5966	539	6045	719	7426	865	8786	921	12213	2236
12-5	1x5	5966	539	6045	719	7426	865	8786	921	12213	2236
13-6	1x6	6662	539	6797	865	7865	865	10763	1573	14190	2652
14-6	1x6	6662	539	6797	865	7865	865	10763	1573	14190	2652
15-6	1x6	6662	539	6797	865	7865	865	10763	1573	14190	2652

BPA = Automatic by-pass

Extra price		
Pressure transmitter (4-20mA)	1000	/ pc
Pressure transmitter (1-5V) 2 condensation circuit	303	/ pc
Thermal contact protection (THC)	112	/ Fan
Safety isolating switch for each fan (Q)	112	/ Fan

Subject to changes without prior notice.

Alfa Laval Air Cooled Liquid Coolers

Air heat exchangers – Air Cooled Liquid Coolers - Quick Selection

Technical specifications

Product range	Setup			Fan rows	Capacity range* kW	Noise Level range dB(A)	Selection tools		Product leaflet
	Flat	Vert.	V-Type				Alfa Select	Fincoil Select	Litcode
Commercial ranges									
AlfaBlue Junior DG	X	X		1	5,6-198	18-51	X		ERC00259
Alfa-V Single row VDM			X	1	20-450	20-64			ERC00296
Industrial ranges									
AlfaBlue BDM	X	X		1	7-490	20-63	X		ERC00032
AlfaBlue BDD/BDD6	X	X		2	40-1088	25-66	X		ERC00032
AlfaBlue BDMY	X	X		1	50-600	20-63	X		ERC00032
AlfaBlue BDDY	X	X		2	100-1100	25-66	X		ERC00032
Alfa-V VDD/VDD6			X	2	19-1188	25-68	X		ERC00276
Alfa-V VDDY			X	2	100-1200	25-68	X		ERC00276
AlfaSolar SD	X	X		1-2	37-1651	33-78	X		ERC00331
Fincoil Solar Max G			X	1-2	146-1638	39-77		X	ERC00139
Fincoil Solar ZZ-G	X			1-2	60-830	37-70		X	ERC00140
AlfaBlue Reverse BRC	X			1	6-329	36-65	X		ERC00271
AlfaBlue Reverse BRM	X			1	8-403	36-65	X		ERC00271
AlfaBlue Reverse BRD/BRD6	X			2	17-943	41-68	X		ERC00271
Oil Cooler Compact BOC/BOAC	X	X		1	50–600		X		ERC00323
Oil Cooler Medium BOM/BOAM	X	X		1	50–600		X		ERC00323
Oil Cooler Large BOL/BOAL	X	X		1	50–600		X		ERC00323
Water. ENV1048									

Water, ENV1048

AlfaBlue Junior DG



Alfa-V Single Row VDM



Alfa-V VDD/VDD6



AlfaBlue BDM



AlfaBlue BDD/BDD6



AlfaBlue Reverse



AlfaSolar



Fincoil Solar Max G



Fincoil Solar ZA/ZZ



Oil Cooler





AlfaBlue Junior Dry Coolers - Single fan row

Prices

The model is ready to be delivered: completely assembled, in vertical position, on a pallet or crate, protected by a plastic film, ex-works factory. The Dry Cooler includes: the coil, manifolds with threaded connections, fan motors, caseworks. This version is ready to be installed in vertical position (air flow is horizontal) or in horizontal adding the support kit feet (see the ACCESSORIES page). Wiring has to be done by customer cabling all fans; this can be avoid adding the electrical components (see the ACCESSORIES page).

Coil options

- OIL: Version available as oil cooler with PS = 27 bar.
- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- SWR: Sea water resistant,(Industrial or sea coast applications).
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Model	Series				Coil options Extra price EUR						
	S	L	Q	R **	OIL	EP	F-C	SWR	IF	BY	CU
Ø 500 (400V/3Ph - 50 Hz) - ERP 2015											
DG_501A	1147	1147	1147		98	119	177	64	37	235	456
DG_501B	1316	1316	1316		108	135	227	74	42	314	637
DG_501C	1474	1474	1474		118	148	278	83	47	393	819
DG_502A	1881	1881	1881		196	240	353	129	73	469	913
DG_502B	2269	2269	2269		215	271	455	148	84	629	1275
DG_502C	2537	2537	2537		238	299	556	168	97	788	1637
DG_503A	2777	2777	2777		291	359	530	192	110	703	1369
DG_503B	3307	3307	3307		323	406	682	224	128	943	1913
DG_503C	3734	3734	3734		356	448	834	251	144	1181	2457
DG_504B	4404	4404	4404		431	542	909	298	170	1258	2549
DG_504C	4854	4854	4854		474	597	1112	334	192	1577	3276
Ø 630 (400V/3Ph - 50 Hz) - ERP 2015											
DG_631A	1844	1844	1844	1844	111	141	216	97	56	297	562
DG_631B	2135	2135	2135	2135	128	164	286	110	63	408	656
DG_631C	2402	2402	2402		141	183	357	121	70	518	732
DG_632A	2816	2816	2816	2816	220	281	432	192	110	593	1124
DG_632B	3266	3266	3266	3266	254	328	573	219	127	815	1311
DG_632C	3634	3634	3634		282	366	714	243	140	1036	1464
DG_633A	4191	4191	4191	4191	332	421	648	288	166	890	1687
DG_633B	4882	4882	4882	4882	383	491	859	330	188	1223	1967
DG_633C	5416	5416	5416		423	549	1071	364	210	1554	2195
DG_634A	5494	5494	5494	5494	444	562	864	385	219	1187	2248
DG_634B	6439	6439	6439	6439	510	656	1145	440	252	1629	2622
DG_634C	7177	7177	7177		563	732	1428	486	280	2072	2927
DG_635A	7514	7514	7514	7514	555	702	1080	482	275	1483	2810
DG_635B	8411	8411	8411	8411	637	819	1433	550	315	2037	3278
DG_635C	9022	9022	9022		703	916	1785	607	349	2589	3661
DG_636A	9326	9326	9326	9326	664	844	1297	577	330	1779	3371
DG_636B	10418	10418	10418	10418	764	984	1720	660	378	2444	3934
DG_636C	11427	11427	11427		845	1098	2142	729	419	3109	4392

**) Available "Y" fan motor connection



Accessories and options

Axial fan motor				
Model		Price		
		S	L	Q
Ø 500	230V/1ph/50Hz	NEP	NEP	NEP
	230V/1ph/60Hz	NEP	NEP	NEP
	400V/3ph/50Hz	NEP	NEP	NEP
	400V/3ph/60Hz	53	NEP	NEP
Ø 630	400V/3ph/50Hz	NEP	NEP	NEP
	400V/3ph/60Hz	227	NEP	NEP

NEP: no extra price

Model	AC Electrical options								
	SW	EMC	CB	FT (230V/1ph)			FT (400V/3ph)		
				S	L	Q	S	L	Q
501	139	188	382	474	474	474	1145	1145	1145
502	278	378	382	503	516	516	1204	1204	1204
503	416	568	438	558	558	558	1268	1268	1268
504	556	756	553	1004	599	599	1338	1338	1338
631	139	188	382				1183	1183	1183
632	277	378	382				1241	1241	1241
633	416	568	438				1305	1305	1305
634	555	756	553				1368	1368	1368
635	693	946	648				1560	1445	1445
636	832	1134	882				1630	1515	1515

SW: Local safety switch

EMC: Local safety switch EMC

CB: Terminal box

B: Basic switch board

BFT: Basic switch board + fan speed control press.

FT: Fan speed control

EC technology fans		Price
		EC fan not wiring
Ø 500	380-460V/3/50-60Hz	659
Ø 630	380-460V/3/50-60Hz	789

Always specify type unit programming required

Extra price for each fan.

EC Electrical options	
Model	Price
	EC CB
501	155
502	310
503	464
504	618
631	161
632	320
633	482
634	642
635	802
636	962

The price option is intended for single unit.

EC CB: EC Terminal box



Air heat exchangers – AlfaBlue Junior Dry Coolers - Single fan row

Support kit options					
Model	Cover Galvanized steel	Feet			Vibration dampers
		Article no.	H	Price	Price
501	81	10999364	420 mm	144	171
502	81	10999364	420 mm	144	171
503	81	10999364	420 mm	144	171
504	81	10999365	420 mm	203	417
631	111	10999461	500 mm	125	171
632	111	10999461	500 mm	125	171
633	111	10999461	500 mm	125	171
634	111	10999462	500 mm	185	417
635	111	10999463	500 mm	247	557
636	111	10999463	500 mm	247	557

The price option is intended for single unit.

Flanges AL/SS			
These loose flanges are connected to the manifold. Price for couple of connections:	Connection	Article no.	Price
DN15	1/2" - 1/2"	10999641	81
DN20	3/4" - 3/4"	10999642	95
DN25	1" - 1"	10999643	110
DN32	1"1/4 - 1"1/4	10999644	121
DN40	1"1/2 - 1"1/2	10999645	138
DN50	2"1/2 - 2"1/2	10999646	162
DN65	2" - 2"	10999647	184
DN80	3" - 3"	10999648	220
DN100	4" - 4"	10999649	344

Air heat exchangers – AlfaBlue Dry coolers - Single fan row

AlfaBlue Dry coolers - Single fan row

Prices

T, S, L, Q, R Standard Noise Level Fan Motor: 400V/3Ph - 50Hz for diameter 800, 910 and 1000 mm.

V: Basic Unit Vertical Transport. The model is delivered: completely assembled, in vertical position (air flow is horizontal), on a pallet, protected by a plastic film, ex-works Alonte (Vicenza Italy).

The AlfaBlue includes: the coil, manifolds, fan motors, caseworks. Wiring has to be done by customer cabling all fans; this can be avoid adding the electrical components (see the ACCESSORIES page).

H: Basic Unit Horizontal Transport. This version is ready to be installed in horizontal position (air flow is vertical) with the support feet mounted (H = 500 mm). Wiring has to be done by customer cabling all fans; this can be avoid adding the electrical components (see the ACCESSORIES page).

Coil options

- BDMY: BDM with SS tubes.
- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- OIL: version available as oil cooler with PS = 30 bar.
- SWR: Sea water resistant
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Series	T		S		L		Q		R**		Coil options Extra price EUR							
Position	V	H	V	H	V	H	V	H	V	H	BDMY	OIL	EP	F-C	SWR	IF	BY	CU
Ø 630 (400V/3Ph - 50 Hz) - ERP 2015																		
BDM_631A	-	-	3434	4096	3190	3852	3168	3830	3834	4497	955	157	233	357	199	100	518	1624
BDM_631B	-	-	3803	4464	3559	4220	3535	4197	4201	4864	1697	174	256	499	217	109	739	1793
BDM_631C	-	-	4452	5114	4207	4870	4184	4845	4850	5512	2315	192	282	639	244	123	959	1973
BDM_631D	-	-	4629	5292	4385	5047	4361	5024	5026	5690	2978	216	316	779	262	131	1179	2215
BDM_632A	-	-	5029	5646	4540	5158	4496	5114	5829	6446	1061	315	464	716	398	199	1036	3250
BDM_632B	-	-	5536	6152	5048	5665	5002	5622	6335	6954	1751	349	512	996	436	217	1477	3585
BDM_632C	-	-	6031	6647	5541	6159	5496	6113	6828	7445	2334	385	563	1277	489	244	1918	3947
BDM_632D	-	-	6718	7334	6229	6847	6185	6801	7517	8133	2864	434	632	1557	524	262	2360	4428
BDM_633A	-	-	7308	7875	6576	7143	6510	7075	8508	9073	1569	472	697	1073	596	298	1554	4874
BDM_633B	-	-	8033	8601	7300	7869	7235	7801	9232	9799	2016	524	769	1495	655	328	2217	5380
BDM_633C	-	-	8819	9385	8090	8655	8021	8588	10018	10585	2546	577	846	1916	733	367	2877	5918
BDM_633D	-	-	9060	9624	8325	8892	8259	8827	10259	10824	2971	650	949	2336	786	392	3539	6642
BDM_634A	-	-	9622	10563	8648	9587	8557	9498	11221	12161	1649	629	928	1431	793	398	2073	6498
BDM_634B	-	-	10482	11423	9508	10445	9417	10356	12082	13021	2122	699	1025	1992	873	436	2955	7173
BDM_634C	-	-	11585	12524	10610	11550	10519	11460	13183	14122	2758	771	1128	2553	979	489	3838	7892
BDM_634D	-	-	13015	13952	12039	12977	11948	12887	14612	15553	3395	868	1265	3115	1049	524	4718	8855
630 Long (400V/3Ph - 50 Hz) - ERP 2015																		
BDM_631AL	-	-	3918	4572	3674	4327	3651	4306	4318	4972	1209	157	233	437	199	100	643	1624
BDM_631BL	-	-	4323	4978	4078	4734	4058	4710	4724	5377	2010	174	256	616	217	109	925	1793
BDM_631CL	-	-	4716	5371	4472	5127	4452	5106	5117	5772	2600	192	282	797	244	123	1207	1973
BDM_631DL	-	-	5267	5921	5023	5679	5000	5655	5665	6321	3183	216	316	976	262	131	1490	2215
BDM_632AL	-	-	5770	6366	5283	5879	5238	5834	6570	7166	1167	315	464	874	398	199	1284	3250
BDM_632BL	-	-	6352	6946	5864	6458	5820	6413	7150	7746	1910	349	512	1234	436	217	1850	3585
BDM_632CL	-	-	6981	7576	6495	7088	6449	7043	7781	8375	2546	385	563	1593	489	244	2414	3947
BDM_632DL	-	-	7784	8379	7295	7891	7251	7847	8584	9178	3183	434	632	1953	524	262	2980	4428
BDM_633AL	-	-	7657	8211	6924	7480	6857	7412	8854	9410	2095	472	697	1311	596	298	1928	4874
BDM_633BL	-	-	8342	8896	7610	8166	7542	8098	9540	10095	2640	524	769	1850	655	328	2775	5380
BDM_633CL	-	-	9225	9781	8494	9049	8425	8982	10424	10979	3032	577	846	2390	733	367	3623	5918
BDM_633DL	-	-	10436	10991	9704	10260	9639	10193	11636	12191	3617	650	949	2929	786	392	4470	6642

**) EC fan motors only



Air heat exchangers – AlfaBlue Dry coolers - Single fan row

T, S, L, Q, R Standard noise level fan motor.

V: basic unit vertical transport.

H: basic unit horizontal transport.

Coil options

- DBMY: BDM with SS tubes.
- EP: Epoxy coated aluminium fins.
- F-C: F-coat treatment
- OIL: version available as oil cooler with PS = 30 bar.
- SWR: Sea water resistant
- IF: Industrial fin
- BY: Blygold treatment
- CU: Copper fin

Series	T		S		L		Q		R**		Coil options Extra price EUR							
Position	V	H	V	H	V	H	V	H	V	H	BDMY	OIL	EP	F-C	SWR	IF	BY	CU
Ø 800 (400V/3Ph - 50 Hz) - ERP 2015																		
BDM_801A	-	-	4482	5118	4413	5048	4391	5025	5029	5664	1485	224	320	625	276	138	930	2250
BDM_801B	-	-	4952	5587	4884	5518	4860	5496	5500	6134	2175	249	355	892	310	155	1350	2488
BDM_801C	-	-	5437	6072	5368	6003	5346	5980	5985	6619	2883	293	417	1160	341	170	1772	2921
BDM_801D	-	-	6037	6670	5969	6602	5944	6580	6585	7218	3342	327	469	1427	379	188	2192	3281
BDM_802A	-	-	7523	8101	7385	7964	7341	7919	8619	9196	1379	447	643	1249	551	276	1862	4499
BDM_802B	-	-	8264	8843	8126	8706	8081	8661	9360	9938	2016	499	712	1784	618	310	2702	4976
BDM_802C	-	-	9090	9667	8951	9532	8907	9484	10185	10764	2758	586	834	2321	681	341	3542	5841
BDM_802D	-	-	10178	10756	10040	10619	9995	10574	11274	11852	3630	655	936	2855	758	379	4383	6562
BDM_803A	-	-	10645	11134	10438	10928	10369	10861	12288	12777	3077	671	963	1876	827	414	2792	6749
BDM_803B	-	-	12345	12835	12138	12627	12070	12561	13989	14478	3591	748	1066	2678	928	464	4053	7464
BDM_803C	-	-	13522	14012	13318	13806	13249	13740	15167	15657	3966	879	1250	3479	1020	510	5314	8763
BDM_803D	-	-	14685	15174	14479	14969	14413	14901	16330	16819	4295	981	1406	4282	1136	569	6574	9842
BDM_804A	-	-	13958	14783	13681	14507	13592	14418	16149	16974	3713	894	1284	2501	1103	551	3722	8998
BDM_804B	-	-	16138	16965	15865	16690	15774	16599	18331	19157	4485	998	1421	3570	1237	618	5403	9953
BDM_804C	-	-	17356	18182	17082	17906	16991	17817	19549	20373	4833	1172	1668	4640	1360	681	7084	11683
BDM_804D	-	-	19601	20428	19329	20155	19237	20063	21795	22620	5305	1308	1875	5709	1516	758	8765	13122
BDM_805A	-	-	17589	18035	17248	17691	17135	17579	19691	20774	4350	1119	1606	3125	1379	690	4654	11248
BDM_805B	-	-	19319	20465	18977	20121	18864	20008	22061	23205	5378	1246	1777	4462	1547	774	6755	12441
BDM_805C	-	-	21821	22965	21478	22622	21365	22511	24561	25707	5699	1464	2086	5800	1701	850	8856	14604
BDM_805D	-	-	24648	25790	24303	25448	24191	25335	27387	28532	6314	1635	2343	7137	1895	948	10957	16404
Ø 910 (400V/3Ph - 50 Hz) - ERP 2015																		
BDM_901A	-	-	4905	5528	4878	5503	4883	5507	5517	6142	1698	224	320	754	276	138	1121	2250
BDM_901B	-	-	5347	5971	5321	5945	5325	5949	5960	6584	2377	249	355	1074	310	155	1624	2488
BDM_901C	-	-	6148	6771	6122	6747	6125	6751	6759	7384	3183	293	417	1395	341	170	2128	2921
BDM_901D	-	-	6510	7133	6484	7109	6487	7112	7122	7746	3658	327	469	1717	379	188	2632	3281
BDM_902A	-	-	8625	9163	8574	9112	8583	9120	9851	10389	1719	447	643	1509	551	276	2241	4499
BDM_902B	-	-	9544	10080	9494	10032	9502	10039	10770	11306	2237	499	712	2150	618	310	3250	4976
BDM_902C	-	-	10606	11145	10556	11095	10566	11102	11833	12370	3079	586	834	2791	681	341	4257	5841
BDM_902D	-	-	12012	12550	11960	12498	11970	12508	13238	13776	3957	655	936	3432	758	379	5265	6562
BDM_903A	-	-	11880	12334	11804	12259	11816	12271	13719	14173	3289	671	963	2263	827	414	3362	6749
BDM_903B	-	-	13142	13598	13068	13520	13078	13531	14980	15432	3819	748	1066	3224	928	464	4874	7464
BDM_903C	-	-	14627	15081	14551	15004	14562	15017	16464	16919	4191	879	1250	4186	1020	510	6386	8763
BDM_903D	-	-	17194	17646	17116	17571	17128	17583	19029	19486	4509	981	1406	5149	1136	569	7897	9842
BDM_904A	-	-	15861	16638	15760	16539	15774	16555	18310	19090	4138	894	1284	3017	1103	551	4483	8998
BDM_904B	-	-	17543	18322	17442	18221	17459	18236	19993	20773	4774	998	1421	4299	1237	618	6498	9953
BDM_904C	-	-	19681	20459	19580	20359	19595	20375	22131	22910	5092	1172	1668	5583	1360	681	8514	11683
BDM_904D	-	-	21575	22354	21477	22253	21492	22272	24027	24807	5623	1308	1875	6865	1516	758	10530	13122

**) EC fan motors only

Series	T		S		L		Q		R		Coil options Extra price EUR							
Position	V	H	V	H	V	H	V	H	V	H	BDMY	OIL	EP	F-C	SWR	IF	BY	CU
Ø 1000 (400V/3Ph - 50 Hz) - ERP 2015																		
BDM_1001A	5623	6248	5623	6248	5565	6190	5107	5733	5071	5694	1698	224	320	754	276	138	1121	2250
BDM_1001B	6066	6690	6066	6690	6008	6633	5551	6175	5515	6139	2377	249	355	1074	310	155	1624	2488
BDM_1001C	6866	7490	6866	7490	6809	7432	6351	6975	6314	6937	3183	293	417	1395	341	170	2128	2921
BDM_1001D	7228	7852	7228	7852	7171	7794	6713	7339	6677	7301	3658	327	469	1717	379	188	2632	3281
BDM_1002A	10060	10600	10060	10600	9946	10484	9029	9569	8957	9494	1719	447	643	1509	551	276	2241	4499
BDM_1002B	10978	11516	10978	11516	10863	11401	9948	10487	9874	10411	2237	499	712	2150	618	310	3250	4976
BDM_1002C	12043	12580	12043	12580	11927	12466	11012	11550	10938	11476	3079	586	834	2791	681	341	4257	5841
BDM_1002D	13447	13985	13447	13985	13332	13871	12417	12955	12344	12881	3957	655	936	3432	758	379	5265	6562
BDM_1003A	14058	14512	14058	14512	13886	14341	12512	12967	12402	12856	3289	671	963	2263	827	414	3362	6749
BDM_1003B	15319	15774	15319	15774	15147	15602	13772	14228	13664	14117	3819	748	1066	3224	928	464	4874	7464
BDM_1003C	16804	17259	16804	17259	16632	17087	15258	15713	15147	15601	4191	879	1250	4186	1020	510	6386	8763
BDM_1003D	19371	19825	19371	19825	19199	19653	17825	18278	17714	18170	4509	981	1406	5149	1136	569	7897	9842
BDM_1004A	18731	19508	18731	19508	18501	19279	16667	17448	16521	17301	4138	894	1284	3017	1103	551	4483	8998
BDM_1004B	20412	21191	20412	21191	20183	20963	18350	19130	18204	18983	4774	998	1421	4299	1237	618	6498	9953
BDM_1004C	22550	23328	22550	23328	22320	23099	20488	21268	20341	21121	5092	1172	1668	5583	1360	681	8514	11683
BDM_1004D	24445	25224	24445	25224	24216	24995	22385	23163	22237	23016	5623	1308	1875	6865	1516	758	10530	13122

Air heat exchangers – AlfaBlue Dry coolers

Accessories and options

Accessories and options

Axial fan motor				
Model		Price		
		S	L	Q
Fan motor 400V/3ph-60 Hz, IP54, 460V/3ph-60 Hz, IP54, Extra price for each fan.	Ø 630	185	37	59
	Ø 800	499	NEP	NEP
	Ø 910	238	330	231
	Ø 1000	NEP	-	NEP
NEP: No extra price				
Explosion-proof fan motor				
On request				

AC Electrical options													
Model	Price												
	SW	EMC	CB	Switch board									
				B	BS	BT	BST	BFT			BSFT		
								T	S	L	T	S	L
BDM													
631	139	188	304	2327	2629	3008	3270	-	3667	3667	-	3929	3929
632	278	378	381	2327	2629	3008	3270	-	3901	3901	-	4166	4166
633	416	569	744	2544	3223	3184	3526	-	4144	4144	-	4447	4447
634	556	757	1041	3468	3884	4110	4527	-	3672	5070	-	3975	5372
631L	139	188	304	2327	2629	3008	3270	-	3667	3667	-	3929	3929
632L	278	378	381	2327	2629	3008	3270	-	3901	3901	-	4166	4166
633L	416	569	744	2544	3223	3184	3526	-	4144	4144	-	4447	4447
801	139	188	376	2093	2358	2769	2995	-	3672	3672	-	3899	3899
802	278	378	614	2332	2633	3008	3270	-	3928	3928	-	4194	4194
803	416	569	742	2552	3233	3186	3527	-	4225	4187	-	4528	4492
804	556	757	1068	3489	3902	4112	4529	-	5171	5136	-	5474	5437
805	694	947	1178	3749	4239	4352	4807	-	5687	5457	-	6028	5799
901	139	188	387	2093	2358	2773	2998	-	3680	3680	-	3907	3907
902	278	378	596	2332	2633	3011	3277	-	3939	3939	-	4202	4202
903	416	569	742	2552	3233	3195	3536	-	4253	4214	-	4555	4517
904	556	757	1068	3489	3902	4129	4543	-	5210	5171	-	5512	5474
1001	139	188	387	2093	2358	2773	2998	3680	3680	3680	3907	3907	3907
1002	278	378	596	2332	2633	3011	3277	3976	3939	3939	4239	4202	4202
1003	416	569	742	2552	3233	3195	3536	4859	4253	4253	5160	4555	4555
1004	556	757	1068	3489	3902	4129	4543	5928	5210	5438	6229	5512	5739

The price option is intended for single unit. For all these option the equipment is cabled to the electric motors terminal box. Noise Level: T, S, L, Q, R

SW: Local safety switch

BS: Basic switch board + signal

BST: Basic switch board + signal + fan step control temp.

EMC: Local safety switch EMC

CB: Terminal box

BFT: Basic switchboard + fan speed control temp. C option included

B: Basic switch board

BT: Basic switchboard + fan step control temp.

BSFT: Basic switchboard + signal + fan speed control temp. C option included

Switch board options	
Option to be added to the switch board.	All models
R Anti-condensate resistor 230Vac (Max operating temperature -25°C)	311
C Cooling fan 230Vac (max. operating temperature + 50°C)	347
F Cooling fan + Anti-condensate resistor (operating temperature -25 + 50°C)	658



Air heat exchangers – AlfaBlue Dry coolers Accessories and options

Model	Price				
	BI				
	T	S	L	Q	R
BDM					
631	-	-	-	-	-
632	-	-	-	-	-
633	-	4784	3516	3516	-
634	-	5290	3981	3810	-
631L	-	-	-	-	-
632L	-	-	-	-	-
633L	-	4803	3536	3536	-
801	-	-	-	-	-
802	-	-	-	-	-
803	-	4594	3724	3555	-
804	-	5140	4911	4042	-
805	-	5902	5460	4593	-
901	-	-	-	-	-
902	-	-	-	-	-
903	-	4611	3743	3572	-
904	-	5171	4943	3904	-
1001	-	-	-	-	-
1002	-	-	-	-	-
1003	5053	4611	4611	3743	3572
1004	7040	5171	5171	4074	4074

BI Inverter equipment + switchboard by Ziehl-Abegg with integrated Sinus Filter (shielded cable not required). Operating temperature range: -20/+55°C (the equipment have to be always powered).

BI/BIC Options	
Option to be added to the switch board.	All models
R Anti-condensate resistor 230Vac (Max operating temperature -25°C)	311
C Cooling fan 230Vac (max. operating temperature + 50°C)	Already included

EC technology fans	Model	Price				
		EC fan not wiring				
		T	S	L	Q	R
380-460V/3/50-60Hz Extra price for each fan	Ø 630	-	748	665	665	-
	Ø 630L	-	748	665	665	-
	Ø 800	-	748	589	589	-
	Ø 910	-	764	764	539	-
	Ø 1000	327	327	327	856	856

Always specify type unit programming required
NEP: No extra price, NA = Not Available

EC Electrical options				
Model	Price			
	EC CB	EC CB2	BEC	BEC2
	BDM			
631	439	519	1346	1427
632	519	599	1455	1535
633	599	679	1569	1649
634	779	859	1685	1764
631L	439	519	1346	1427
632L	519	599	1455	1535
633L	599	679	1569	1649
801	439	519	1346	1427
802	519	599	1455	1535
803	599	679	1569	1649
804	779	859	1685	1764
805	859	940	1791	1872
901	439	519	1346	1427
902	519	599	1455	1535
903	599	679	1569	1649
904	779	859	1685	1764
1001	439	519	1346	1427
1002	519	599	1455	1535
1003	599	679	1569	1649
1004	779	859	1685	1764

The price option is intended for single unit.

For all these option the equipment is cabled to the electric motors terminal box.

Noise Level: T, S, L, Q, R

EC CB: Parallel connection box 0-10V signal

BEC: Parallel switchboard 0-10V signal

EC CB2: Master/slave connection box with temperature signal

BEC2: Master/slave switchboard with temperature signal

Air heat exchangers – AlfaBlue Dry coolers

Accessories and options

Support kit options							
Model	Feet						Vibration dampers
	H850 mm		H500 mm		A		
	Article no.	Price	Article no.	Price	Article no.	Price	
631	10999206	551	10999203	392	10999209	414	171
632	10999206	551	10999203	392	10999209	414	171
633	10999206	551	10999203	392	10999209	414	171
634	10999207	796	10999204	558	10999210	590	417
631L	10999206	551	10999203	392	10999209	414	171
632L	10999206	551	10999203	392	10999209	414	171
633L	10999206	551	10999203	392	10999209	414	171
801	10999206	551	10999203	392	10999209	414	171
802	10999206	551	10999203	392	10999209	414	171
803	10999206	551	10999203	392	10999209	414	171
804	10999207	796	10999204	558	10999210	590	417
805	10999208	1042	10999205	724	10999211	768	557
901	10999206	551	10999203	392	10999209	414	171
902	10999206	551	10999203	392	10999209	414	171
903	10999206	551	10999203	392	10999209	414	280
904	10999207	796	10999204	558	10999210	590	417
1001	10999206	551	10999203	392	10999209	414	171
1002	10999206	551	10999203	392	10999209	414	171
1003	10999206	551	10999203	392	10999209	414	280
1004	10999207	796	10999204	558	10999210	590	417

The price option is intended for single unit.

Kit of support feet:

V: Vertical position

H: Horizontal position

A: Feet adjustable from 350 to 950 mm

The vibration dampers are delivered without bolts and nuts.

NEP: No extra price

Flanges stainless steel		
These loose flanges are connected to the manifold.	Connection	Price
Price for couple of connections:		
PN16 DN32 - AISI	1"	328
PN16 DN40 - AISI	1"1/2	353
PN16 DN50 - AISI	2"	440
PN16 DN65 - AISI	2"1/2	538
PN16 DN80 - AISI	3"	625
PN16 DN100 - AISI	4"	682

Alfa Laval Air Coolers

Technical specifications

Technical specifications								
Geometry	Cooler model	Capacity	Air volume	Coil material	Refrigerant			
		kW (1)	m³/h		(H)CFC	NH ₃	CO ₂	Brine
Draw through unit coolers	Optigo CC	1 - 52	770 - 30000	Cu/AL	X		X	X
	Airmax II	6 - 200	8000 - 127000	Cu/AL	X		X	X
	Alfacubic	1.5 - 57	1500 - 30000	Cu/AL	X		X	X
	Arctigo ISD	3 - 230	3000 - 74000	Cu/AL - SS/Al	X	X	X	X
	Helpman THOR-A	4 - 41	-	Cu/Al	X		X	X
	Helpman THOR-Z	5 - 115	4000 - 67000	Cu/Al	X		X	X
	Helpman TYR-A	4 - 41	-	SS/Al	X	X	X	X
	Helpman TYR-Z	5 - 115	4000 - 67000	SS/Al	X	X	X	X
	Helpman ZLA	4 - 125	4000 - 63000	FeZn	X	X		X
	Helpman HRC	12 - 29	-	Cu/Al	X			X
	Fincoil Polar Cat	1.1 - 44	720 - 17420	Cu/Al	X		X	X
	Fincoil AHB	1.8 - 189	2160 - 88560	FeZn	X	X	X	X
Blow through unit coolers	Helpman LEX	1.3 - 40	1080 - 26000	Cu/Al	X			
	Helpman LFX	7 - 29	5100 - 22400	Cu/Al	X			X
	Arctigo ISB	3 - 230	3000 - 74000	Cu/AL - SS/Al	X	X	X	X
	Helpman THOR-B	5 - 115	4000 - 67000	Cu/Al	X		X	X
	Helpman THOR-F	18 - 52	13000 - 36000	Cu/Al	X		X	X
	Helpman TYR-B	5 - 115	4000 - 67000	SS/Al	X	X	X	X
	Helpman TYR-F	18 - 52	13000 - 36000	SS/Al	X	X	X	X
Low silhouette	Optigo CS	0.65 - 7.8	517 - 4262	Cu/Al	X			
Dual discharge	Optigo CD	0.8 - 24	615 - 14160	Cu/AL	X		X	X
	Ceiling BFG/B	3.5 - 32	3800 - 18300	Cu/AL	X		X	X
	Ceiling TFG	3.5 - 32	2800 - 15300	Cu/AL	X		X	X
	Big Top IT	22 - 63	20800 - 40800	Cu/AL	X		X	X
	Helpman THOR-D	4.5 - 123	3000 - 60000	Cu/Al	X		X	X
	Helpman TYR-D	4.5 - 123	3000 - 60000	SS/Al	X	X	X	X
	Helpman HRC-D	8 - 38	-	Cu/Al	X			X
	Fincoil Polar Cat Duo	1.1 - 5.2	580 - 2950	Cu/Al	X		X	X
	Fincoil FMP	3.1 - 73	2520 - 36360	Cu/Al	X	X	X	X
	Fincoil AMK	1.6 - 106	2160 - 48600	FeZn	X	X	X	X
Blast freezer	AlfaBlast	12 - 117	13600 - 74200	Cu/AL	X		X	X
	Helpman THOR-T	11 - 114	11800 - 66400	Cu/Al	X		X	X
	Helpman TYR-T	11 - 114	11800 - 66400	SS/Al	X	X	X	X
Centrifugal	ISC II	13 - 127	-	Cu/Al	X			X
Gravity coils	Fincoil FK	0.2 - 4.5	-	Cu/Al	X		X	X

Applications												
Geometry	Cooler model	Applications			Temp. area		General packed	Agricultural (2)	Meat	Air-sock	Processing (3)	Banana ripening
		Small	Medium	Large	Cooling	Freezing						
Draw through unit coolers	Optigo CC	X	X		X	X	X					
	Airmax II		X	X	X	X			X	X	X	
	Alfacubic	X	X		X	X	X					
	Arctigo ISD		X	X	X	X			X			
	Helpman THOR-A		X		X					X	X	
	Helpman THOR-Z		X	X	X	X			X			
	Helpman TYR-A		X		X					X	X	
	Helpman TYR-Z		X	X	X	X			X			
	Helpman ZLA		X	X	X	X			X			
	Helpman HRC	8 - 28 pallets										TARP
Blow through unit coolers	Fincoil Polar Cat	X	X		X	X	X	X	X	X		
	Fincoil AHB		X	X	X	X			X	X		
	Helpman LEX	X	X		X	X	X	X	X			
	Helpman LFX	X	X		X			X				
	Arctigo ISB		X	X	X	X		X	X			
	Helpman THOR-B		X	X	X	X		X	X			
	Helpman THOR-F		X	X	X			X				
	Helpman TYR-B		X	X	X	X		X	X			
Low silhouette	Helpman TYR-F		X	X	X			X				
	Optigo CS	X	X		X	X	X					
Dual discharge	Optigo CD	X	X		X	X		X	X		X	
	Ceiling BFG/B	X	X		X	X		X	X		X	
	Ceiling TFG	X	X		X	X		X	X		X	
	Ceiling Big Top IT		X	X	X	X		X	X		X	
	Helpman THOR-D		X	X	X	X		X	X		X	
	Helpman TYR-D		X	X	X	X		X	X		X	
	Helpman HRC-D	6 - 30 pallets										AIRBAG
	Fincoil Polar Cat Duo	X			X						X	
	Fincoil FMP		X	X	X	X		X	X		X	
	Fincoil AMK		X	X	X	X		X	X		X	
Blast freezer	AlfaBlast			X	X	X			X			
	Helpman THOR-T			X	X	X			X			
	Helpman TYR-T			X	X	X			X			
Centrifugal	ISC II	X		X					X	X		
Gravity coils	Fincoil FK	X			X						X	

Not all applications that are theoretically possible are listed in the tables, only the most common.

1) Nominal capacities according to Eurovent SC2

2) Optimised capacity/air volume ratio

3) Low air velocity

Optigo CC 	Airmax II 	Alfacubic 
Arctigo IS 	Helpman ZLA 	Helpman HRC 
Fincoil Polar CAT (G) 	Fincoil AHB (G) 	Helpman LEX 
Helpman LFX 	Helpman THOR / TYR - F 	Helpman THOR / TYR - A 
Optigo CS 	Optigo CD 	Ceiling TFG 
Ceiling BFG/B 	Big Top 	Helpman THOR/TYR - D 
Ceiling HRC-D 	Fincoil Polar Cat Duo (G) 	Fincoil Polar FMP (G) 
Fincoil AMK (G) 	Alfablast 	Helpman THOR/TYR - T 
Fincoil FK (G) 	Helpman THOR/TYR - Z/B 	

Optigo CS Prices

C: Cataphoresis treatment
EP: Epoxy coated aluminium fins.

A = Air
E = Electric

CB: Connection box

Model	Fan motors ERP 2015	Defrost	General description		Price			Coil options Extra price	
					direct expansion (E)	CO2 direct expansion (X)	Water/Gly- col (W)	EP	C
CS_201B	230V	A	CB	AL 4.0 CU	401	603	525	5	16
CS_202B	230V	A	CB	AL 4.0 CU	561	865	777	10	33
CS_203B	230V	A	CB	AL 4.0 CU	751	1166	1066	23	57
CS_301B	230V	A	CB	AL 4.0 CU	553	786	701	31	49
CS_301C	230V	A	CB	AL 4.0 CU	621	835	739	49	81
CS_302B	230V	A	CB	AL 4.0 CU	757	1080	975	29	68
CS_302C	230V	A	CB	AL 4.0 CU	811	1167	1041	32	96
CS_303B	230V	A	CB	AL 4.0 CU	1001	1414	1290	56	114
CS_303C	230V	A	CB	AL 4.0 CU	1059	1533	1379	62	158
CS_304B	230V	A	CB	AL 4.0 CU	1267	1717	1565	109	187
CS_304C	230V	A	CB	AL 4.0 CU	1331	1917	1727	118	246
CS_305B	230V	A	CB	AL 4.0 CU	1522	2035	—	164	273
CS_305C	230V	A	CB	AL 4.0 CU	1569	2269	—	174	324
CS_201B	230V	E	CB	AL 7.0 CU	401	600	523	3	9
CS_202B	230V	E	CB	AL 7.0 CU	561	857	769	7	20
CS_203B	230V	E	CB	AL 7.0 CU	744	1148	1050	10	29
CS_301B	230V	E	CB	AL 7.0 CU	530	782	697	5	15
CS_301C	230V	E	CB	AL 7.0 CU	580	824	729	6	24
CS_302B	230V	E	CB	AL 7.0 CU	746	1053	948	10	32
CS_302C	230V	E	CB	AL 7.0 CU	797	1172	1049	12	47
CS_303B	230V	E	CB	AL 7.0 CU	970	1403	1278	16	47
CS_303C	230V	E	CB	AL 7.0 CU	1026	1515	1361	20	71
CS_304B	230V	E	CB	AL 7.0 CU	1191	1703	1551	23	63
CS_304C	230V	E	CB	AL 7.0 CU	1249	1896	1705	26	95
CS_305B	230V	E	CB	AL 7.0 CU	1387	2018	—	28	78
CS_305C	230V	E	CB	AL 7.0 CU	1452	2243	—	32	118

In case of inconsistency of data between this book and selection software, please refer always to the last one.

Model	Electric defrost element (4 mm)		Wall mounted installation
	Article no.	Price	Price
201	10999866	40	22
202	10999867	42	48
203	10999868	52	74
301	10999869	60	-
302	10999870	64	-
303	10999871	81	-
304	10999872	85	-
305	10999873	93	-

Air heat exchangers – Optigo CC

Optigo CC Prices

A: Air defrost
E: Electrical defrost
HG: Hot gas defrost in coil and drip tray
HG+HD: Hot gas defrost on coil and electric in drip tray
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment
PC: Power coated
SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices								
		Defrost					Coil options Extra price			Special casing Extra price
		A	E	HG	HG+HD		Re-heat- ing coil	EP	CA	SS
Ø 250 (230V/1ph - 50HZ) - ERP 2015										
CCE251.1A	3.3	747	874	984	821		68	43	87	625
CCE251.1B	3.3	834	961	1071	908		68	66	130	625
CCE251.1C	3.3	887	1014	1124	961		-	87	174	625
CCE252.1A	3.3	1049	1191	1461	1138		98	86	174	809
CCE252.1B	3.3	1188	1330	1600	1277		98	132	260	809
CCE252.1C	3.3	1257	1399	1669	1346		-	174	348	809
CCE253.1A	3.3	1329	1487	1772	1421		118	129	261	1076
CCE253.1B	3.3	1454	1612	1897	1546		120	198	390	1076
CCE253.1C	3.3	1586	1744	2029	1678		-	261	522	1076
CCE254.1A	3.3	1656	1829	2099	1754		114	172	348	1367
CCE254.1B	3.3	1929	2102	2372	2027	132	264	520	1367	
CCE251.1A	4	740	867	977	814		68	36	73	625
CCE251.1B	4	826	953	1063	900		68	54	109	625
CCE251.1C	4	878	1005	1115	952		-	73	145	625
CCE252.1A	4	1038	1180	1450	1127		98	72	146	809
CCE252.1B	4	1176	1318	1588	1265		98	108	218	809
CCE252.1C	4	1244	1386	1656	1333		-	146	290	809
CCE253.1A	4	1315	1473	1758	1407		118	108	219	1076
CCE253.1B	4	1440	1598	1883	1532		120	162	327	1076
CCE253.1C	4	1571	1729	2014	1663		-	219	435	1076
CCE254.1A	4	1640	1813	2083	1738		114	144	292	1367
CCE254.1B	4	1910	2083	2353	2008	132	216	436	1367	
CCE251.1A	5.5	732	859	969	806		68	28	54	625
CCE251.1B	5.5	818	945	1055	892		68	40	82	625
CCE251.1C	5.5	869	996	1106	943		-	54	108	625
CCE252.1A	5.5	1028	1170	1440	1117		98	56	108	809
CCE252.1B	5.5	1165	1307	1577	1254		98	80	164	809
CCE252.1C	5.5	1232	1374	1644	1321		-	108	216	809
CCE253.1A	5.5	1302	1460	1745	1394		118	84	162	1076
CCE253.1B	5.5	1426	1584	1869	1518		120	120	246	1076
CCE253.1C	5.5	1555	1713	1998	1647		-	162	324	1076
CCE254.1A	5.5	1623	1796	2066	1721		114	112	216	1367
CCE254.1B	5.5	1891	2064	2334	1989	132	160	328	1367	
CCE251.1A	7	725	852	962	799		68	22	43	625
CCE251.1B	7	810	937	1047	884		68	33	66	625
CCE251.1C	7	861	988	1098	935		-	43	88	625
CCE252.1A	7	1018	1160	1430	1107		98	44	86	809
CCE252.1B	7	1154	1296	1566	1243		98	66	132	809
CCE252.1C	7	1220	1362	1632	1309		-	86	176	809
CCE253.1A	7	1289	1447	1732	1381		118	66	129	1076
CCE253.1B	7	1411	1569	1854	1503		120	99	198	1076
CCE253.1C	7	1540	1698	1983	1632		-	129	264	1076
CCE254.1A	7	1607	1780	2050	1705		114	88	172	1367
CCE254.1B	7	1873	2046	2316	1971	132	132	264	1367	



A: Air defrost
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 EP: Epoxy coated aluminium fins.
 C: Cataphoresis treatment
 PC: Power coated
 SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices								
		Defrost					Coil options Extra price			Special casing Extra price
		A	E	HG	HG+HD		Re-heat- ing coil	EP	CA	SS
Ø 350 (230V/1ph - 50HZ) - ERP 2015										
CCE351.1A	3.3	951	1112	1188	1025		98	70	139	747
CCE351.1B	3.3	1049	1210	1286	1123		98	104	209	747
CCE351.1C	3.3	1147	1308	1384	1221		-	139	279	747
CCE352.1A	3.3	1310	1495	1722	1399		162	140	278	971
CCE352.1B	3.3	1511	1696	1923	1600		162	208	418	971
CCE352.1C	3.3	1662	1847	2074	1751		-	278	558	971
CCE353.1A	3.3	1689	1890	2132	1781		174	210	417	1294
CCE353.1B	3.3	1894	2095	2337	1986		174	312	627	1294
CCE353.1C	3.3	2100	2301	2543	2192		-	417	837	1294
CCE354.1A	3.3	2127	2337	2570	2225		241	280	556	1616
CCE354.1B	3.3	2538	2748	2981	2636		242	416	836	1616
CCE351.1A	4	941	1102	1178	1015		98	58	117	747
CCE351.1B	4	1038	1199	1275	1112		98	87	175	747
CCE351.1C	4	1136	1297	1373	1210		-	117	232	747
CCE352.1A	4	1297	1482	1709	1386		162	116	234	971
CCE352.1B	4	1496	1681	1908	1585		162	174	350	971
CCE352.1C	4	1646	1831	2058	1735		-	234	464	971
CCE353.1A	4	1673	1874	2116	1765		174	174	351	1294
CCE353.1B	4	1876	2077	2319	1968		174	261	525	1294
CCE353.1C	4	2080	2281	2523	2172		-	351	696	1294
CCE354.1A	4	2106	2316	2549	2204		241	232	468	1616
CCE354.1B	4	2513	2723	2956	2611		242	348	700	1616
CCE351.1A	5.5	932	1093	1169	1006		98	43	87	747
CCE351.1B	5.5	1028	1189	1265	1102		98	65	130	747
CCE351.1C	5.5	1125	1286	1362	1199		-	87	174	747
CCE352.1A	5.5	1284	1469	1696	1373		162	86	174	971
CCE352.1B	5.5	1481	1666	1893	1570		162	130	260	971
CCE352.1C	5.5	1629	1814	2041	1718		-	174	348	971
CCE353.1A	5.5	1656	1857	2099	1748		174	129	261	1294
CCE353.1B	5.5	1857	2058	2300	1949		174	195	390	1294
CCE353.1C	5.5	2059	2260	2502	2151		-	261	522	1294
CCE354.1A	5.5	2086	2296	2529	2184		241	172	348	1616
CCE354.1B	5.5	2488	2698	2931	2586		242	260	520	1616
CCE351.1A	7	923	1084	1160	997		98	35	70	747
CCE351.1B	7	1018	1179	1255	1092		98	53	105	747
CCE351.1C	7	1113	1274	1350	1187		-	70	140	747
CCE352.1A	7	1272	1457	1684	1361		162	70	140	971
CCE352.1B	7	1467	1652	1879	1556		162	106	210	971
CCE352.1C	7	1613	1798	2025	1702		-	140	280	971
CCE353.1A	7	1640	1841	2083	1732		174	105	210	1294
CCE353.1B	7	1839	2040	2282	1931		174	159	315	1294
CCE353.1C	7	2038	2239	2481	2130		-	210	420	1294
CCE354.1A	7	2065	2275	2508	2163		241	140	280	1616
CCE354.1B	7	2464	2674	2907	2562		242	212	420	1616

Air heat exchangers – Optigo CC

A: Air defrost
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E2: Electrical Heavy
HG+E2: Hot-Gas + Electrical Heavy E2
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment
PC: Power coated
SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices										
		Defrost							Coil options Extra price			Special casing Extra price
		A	E	E2	HG	HG+HD	HG+E2		Re-heat- ing coil	EP	CA	SS
Ø 400 (400V/3ph - 50HZ) - ERP 2015												
CCE401A	3,3	1071	1448	1479	1308	1147	1209		106	112	222	993
CCE401B	3,3	1306	1683	1707	1543	1382	1444		129	167	335	993
CCE401C	3,3	1433	1810	1830	1670	1509	1571		-	222	446	993
CCE402A	3,3	1804	2200	2219	2216	1896	1968		178	224	444	1418
CCE402B	3,3	1928	2324	2340	2340	2020	2092		190	334	670	1418
CCE402C	3,3	2161	2557	2566	2573	2253	2325		-	444	892	1418
CCE403A	3,3	2228	2645	2663	2671	2326	2408		219	336	666	1815
CCE403B	3,3	2488	2905	2916	2931	2586	2668		246	501	1005	1815
CCE403C	3,3	2904	3321	3319	3347	3002	3084		-	666	1338	1815
CCE404A	3,3	3024	3503	3508	3467	3130	3223		298	448	888	2360
CCE404B	3,3	3395	3874	3868	3838	3501	3594		335	668	1340	2360
CCE404C	3,3	3607	4086	4074	4050	3713	3806		-	888	1784	2360
CCE401A	4	1061	1438	1469	1298	1137	1199		106	94	186	993
CCE401B	4	1293	1670	1694	1530	1369	1431		129	139	280	993
CCE401C	4	1418	1795	1816	1655	1494	1556		-	186	372	993
CCE402A	4	1786	2182	2202	2198	1878	1950		178	188	372	1418
CCE402B	4	1909	2305	2321	2321	2001	2073		190	278	560	1418
CCE402C	4	2140	2536	2546	2552	2232	2304		-	372	744	1418
CCE403A	4	2206	2623	2642	2649	2304	2386		219	282	558	1815
CCE403B	4	2465	2882	2893	2908	2563	2645		246	417	840	1815
CCE403C	4	2876	3293	3292	3319	2974	3056		-	558	1116	1815
CCE404A	4	2994	3473	3479	3437	3100	3193		298	376	744	2360
CCE404B	4	3362	3841	3836	3805	3468	3561		335	556	1120	2360
CCE404C	4	3572	4051	4040	4015	3678	3771		-	744	1488	2360
CCE401A	5,5	1051	1428	1459	1288	1127	1189		106	70	139	993
CCE401B	5,5	1280	1657	1682	1517	1356	1418		129	104	209	993
CCE401C	5,5	1405	1782	1803	1642	1481	1543		-	139	278	993
CCE402A	5,5	1769	2165	2185	2181	1861	1933		178	140	278	1418
CCE402B	5,5	1890	2286	2303	2302	1982	2054		190	208	418	1418
CCE402C	5,5	2119	2515	2525	2531	2211	2283		-	278	556	1418
CCE403A	5,5	2185	2602	2621	2628	2283	2365		219	210	417	1815
CCE403B	5,5	2440	2857	2869	2883	2538	2620		246	312	627	1815
CCE403C	5,5	2847	3264	3264	3290	2945	3027		-	417	834	1815
CCE404A	5,5	2965	3444	3451	3408	3071	3164		298	280	556	2360
CCE404B	5,5	3329	3808	3804	3772	3435	3528		335	416	836	2360
CCE404C	5,5	3537	4016	4006	3980	3643	3736		-	556	1112	2360
CCE401A	7	1040	1417	1449	1277	1116	1178		106	56	112	993
CCE401B	7	1268	1645	1670	1505	1344	1406		129	84	168	993
CCE401C	7	1391	1768	1789	1628	1467	1529		-	112	225	993
CCE402A	7	1751	2147	2168	2163	1843	1915		178	112	224	1418
CCE402B	7	1872	2268	2285	2284	1964	2036		190	168	336	1418
CCE402C	7	2098	2494	2505	2510	2190	2262		-	224	450	1418
CCE403A	7	2163	2580	2600	2606	2261	2343		219	168	336	1815
CCE403B	7	2416	2833	2846	2859	2514	2596		246	252	504	1815
CCE403C	7	2819	3236	3237	3262	2917	2999		-	336	675	1815
CCE404A	7	2936	3415	3422	3379	3042	3135		298	224	448	2360
CCE404B	7	3296	3775	3772	3739	3402	3495		335	336	672	2360
CCE404C	7	3502	3981	3972	3945	3608	3701		-	448	900	2360



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 EP: Epoxy coated aluminium fins.
 C: Cataphoresis treatment
 PC: Power coated
 SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices										
		Defrost							Coil options Extra price			Special casing Extra price
		A	E	E2	HG	HG+HD	HG+E2		Re-heat- ing coil	EP	CA	SS
Ø 500 (400V/3ph - 50HZ) - ERP 2015												
CCE501A	4	1681	2098	2111	1918	1792	1854		164	150	299	1076
CCE501B	4	1891	2308	2315	2128	2002	2064		184	222	448	1076
CCE501C	4	2101	2518	2519	2338	2212	2274		-	299	595	1076
CCE502A	4	2642	3106	3101	3054	2763	2835		257	300	598	1794
CCE502B	4	3134	3598	3579	3546	3255	3327		305	444	896	1794
CCE502C	4	3377	3841	3815	3789	3498	3570		-	598	1190	1794
CCE503B	4	4413	4914	4867	4856	4552	4634		430	666	1344	2870
CCE503C	4	5058	5559	5494	5501	5197	5279		-	897	1785	2870
CCE504B	4	5484	6043	5976	5958	5642	5734		534	888	1792	3546
CCE504C	4	6388	6947	6854	6862	6546	6638		-	1196	2380	3546
CCE501A	5,5	1664	2081	2095	1901	1775	1837		164	112	222	1076
CCE501B	5,5	1873	2290	2297	2110	1984	2046		184	167	335	1076
CCE501C	5,5	2081	2498	2499	2318	2192	2254		-	222	445	1076
CCE502A	5,5	2615	3079	3075	3027	2736	2808		257	224	444	1794
CCE502B	5,5	3103	3567	3549	3515	3224	3296		305	334	670	1794
CCE502C	5,5	3344	3808	3783	3756	3465	3537		-	444	890	1794
CCE503B	5,5	4369	4870	4825	4812	4508	4590		430	501	1005	2870
CCE503C	5,5	5008	5509	5445	5451	5147	5229		-	666	1335	2870
CCE504B	5,5	5430	5989	5924	5904	5588	5680		534	668	1340	3546
CCE504C	5,5	6325	6884	6793	6799	6483	6575		-	888	1780	3546
CCE501A	7	1648	2065	2079	1885	1759	1821		164	89	179	1076
CCE501B	7	1854	2271	2279	2091	1965	2027		184	135	269	1076
CCE501C	7	2060	2477	2479	2297	2171	2233		-	179	359	1076
CCE502A	7	2589	3053	3050	3001	2710	2782		257	178	358	1794
CCE502B	7	3072	3536	3519	3484	3193	3265		305	270	538	1794
CCE502C	7	3311	3775	3751	3723	3432	3504		-	358	718	1794
CCE503B	7	4326	4827	4783	4769	4465	4547		430	405	807	2870
CCE503C	7	4958	5459	5397	5401	5097	5179		-	537	1077	2870
CCE504B	7	5377	5936	5872	5851	5535	5627		534	540	1076	3546
CCE504C	7	6262	6821	6732	6736	6420	6512		-	716	1436	3546
CCE501A	8	1615	2032	2047	1852	1726	1788		164	88	177	1076
CCE501B	8	1817	2234	2243	2054	1928	1990		184	134	266	1076
CCE501C	8	2019	2436	2439	2256	2130	2192		-	177	356	1076
CCE502A	8	2538	3002	3000	2950	2659	2731		257	176	354	1794
CCE502B	8	3011	3475	3459	3423	3132	3204		305	268	532	1794
CCE502C	8	3245	3709	3686	3657	3366	3438		-	354	712	1794
CCE503B	8	4239	4740	4699	4682	4378	4460		430	402	798	2870
CCE503C	8	4860	5361	5301	5303	4999	5081		-	531	1068	2870
CCE504B	8	5269	5828	5768	5743	5427	5519		534	536	1064	3546
CCE504C	8	6137	6696	6610	6611	6295	6387		-	708	1424	3546

Air heat exchangers – Optigo CC

A: Air defrost
E: Electrical defrost
HG: Hot gas defrost in coil and drip tray
HG+HD: Hot gas defrost on coil and electric in drip tray
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment
PC: Power coated
SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices								
		Defrost					Coil options Extra price			Special casing Extra price
		A	E	HG	HG+HD		Re-heat- ing coil	EP	CA	SS
Ø 250 (230V/1ph - 50HZ) - ERP 2015										
CCX251A	3.3	748	874	985	822		95	43	87	625
CCX251B	3.3	818	945	1055	892		95	66	131	625
CCX251C	3.3	953	1079	1190	1027		-	87	174	625
CCX252A	3.3	1086	1228	1498	1174		137	87	174	809
CCX252B	3.3	1187	1329	1599	1275		137	132	261	809
CCX252C	3.3	1354	1497	1766	1443		-	174	348	809
CCX253A	3.3	1302	1460	1745	1394		167	131	261	1076
CCX253B	3.3	1434	1591	1877	1525		167	198	391	1076
CCX253C	3.3	1592	1750	2035	1684		-	261	522	1076
CCX254A	3.3	1561	1735	2004	1659		200	174	348	1367
CCX254B	3.3	1819	1992	2262	1917		200	263	522	1367
CCX251A	4	741	867	977	815		95	36	73	625
CCX251B	4	810	936	1046	884		95	55	109	625
CCX251C	4	943	1070	1180	1018		-	73	145	625
CCX252A	4	1074	1216	1486	1163		137	72	146	809
CCX252B	4	1174	1316	1586	1263		137	108	218	809
CCX252C	4	1342	1484	1754	1431		-	146	290	809
CCX253A	4	1289	1446	1731	1380		167	108	219	1076
CCX253B	4	1419	1577	1862	1511		167	163	328	1076
CCX253C	4	1577	1735	2020	1669		-	219	436	1076
CCX254A	4	1546	1719	1989	1644		200	144	293	1367
CCX254B	4	1801	1975	2244	1899		200	216	437	1367
CCX251A	5.5	733	860	970	808		95	28	55	625
CCX251B	5.5	802	929	1039	877		95	40	81	625
CCX251C	5.5	933	1060	1170	1007		-	55	108	625
CCX252A	5.5	1063	1205	1475	1152		137	56	108	809
CCX252B	5.5	1163	1305	1575	1251		137	80	164	809
CCX252C	5.5	1329	1471	1741	1417		-	108	216	809
CCX253A	5.5	1276	1434	1719	1368		167	82	163	1076
CCX253B	5.5	1405	1563	1848	1497		167	121	245	1076
CCX253C	5.5	1560	1718	2003	1652		-	163	324	1076
CCX254A	5.5	1531	1704	1973	1628		200	110	216	1367
CCX254B	5.5	1784	1957	2227	1882		200	162	327	1367
CCX251A	7	726	853	963	800		95	23	43	625
CCX251B	7	793	920	1030	867		95	33	66	625
CCX251C	7	924	1051	1161	998		-	43	88	625
CCX252A	7	1053	1195	1465	1141		137	44	87	809
CCX252B	7	1152	1294	1564	1240		137	66	132	809
CCX252C	7	1314	1456	1726	1403		-	87	176	809
CCX253A	7	1264	1421	1707	1355		167	67	131	1076
CCX253B	7	1391	1548	1833	1482		167	99	198	1076
CCX253C	7	1546	1704	1989	1638		-	131	264	1076
CCX254A	7	1516	1689	1959	1614		200	90	174	1367
CCX254B	7	1766	1939	2209	1864		200	132	263	1367



A: Air defrost
 E: Electrical defrost
 HG: Hot gas defrost in coil and drip tray
 HG+HD: Hot gas defrost on coil and electric in drip tray
 EP: Epoxy coated aluminium fins.
 C: Cataphoresis treatment
 PC: Power coated
 SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices								
		Defrost					Coil options Extra price			Special casing Extra price
		A	E	HG	HG+HD		Re-heat- ing coil	EP	CA	SS
Ø 350 (230V/1ph - 50HZ) - ERP 2015										
CCX351A	3.3	1034	1195	1271	1108		137	70	139	747
CCX351B	3.3	1178	1339	1415	1252		137	104	209	747
CCX351C	3.3	1230	1391	1467	1304		-	139	279	747
CCX352A	3.3	1385	1571	1797	1474		226	140	278	971
CCX352B	3.3	1720	1906	2132	1809		226	208	418	971
CCX352C	3.3	2014	2199	2426	2102		-	278	558	971
CCX353A	3.3	1954	2155	2397	2046		244	210	417	1294
CCX353B	3.3	2247	2448	2690	2339		244	312	627	1294
CCX353C	3.3	2597	2797	3040	2688		-	417	837	1294
CCX354A	3.3	2411	2621	2854	2509		339	280	556	1616
CCX354B	3.3	2936	3146	3378	3033		339	416	836	1616
CCX351A	4	1025	1186	1262	1099		137	59	116	747
CCX351B	4	1167	1328	1404	1241		137	87	175	747
CCX351C	4	1216	1377	1453	1291		-	116	233	747
CCX352A	4	1372	1557	1784	1461		226	116	234	971
CCX352B	4	1703	1888	2115	1791		226	174	350	971
CCX352C	4	1993	2178	2405	2082		-	234	465	971
CCX353A	4	1935	2136	2378	2027		244	175	350	1294
CCX353B	4	2225	2426	2668	2316		244	261	525	1294
CCX353C	4	2572	2773	3015	2664		-	350	697	1294
CCX354A	4	2389	2599	2831	2486		339	234	467	1616
CCX354B	4	2907	3117	3350	3005		339	348	700	1616
CCX351A	5.5	1015	1175	1251	1089		137	43	87	747
CCX351B	5.5	1156	1316	1393	1230		137	65	131	747
CCX351C	5.5	1205	1366	1442	1279		-	87	174	747
CCX352A	5.5	1358	1543	1770	1446		226	87	174	971
CCX352B	5.5	1686	1872	2098	1775		226	130	261	971
CCX352C	5.5	1973	2159	2385	2062		-	174	348	971
CCX353A	5.5	1916	2117	2359	2007		244	131	261	1294
CCX353B	5.5	2202	2403	2645	2294		244	194	391	1294
CCX353C	5.5	2546	2747	2989	2638		-	261	522	1294
CCX354A	5.5	2364	2574	2807	2462		339	174	348	1616
CCX354B	5.5	2877	3087	3320	2975		339	259	522	1616
CCX351A	7	1003	1164	1240	1077		137	35	70	747
CCX351B	7	1143	1304	1380	1217		137	53	105	747
CCX351C	7	1193	1353	1430	1267		-	70	140	747
CCX352A	7	1345	1531	1757	1434		226	70	140	971
CCX352B	7	1669	1854	2081	1757		226	106	210	971
CCX352C	7	1954	2139	2366	2042		-	140	280	971
CCX353A	7	1897	2098	2340	1989		244	105	210	1294
CCX353B	7	2181	2381	2623	2272		244	159	315	1294
CCX353C	7	2519	2720	2962	2611		-	210	420	1294
CCX354A	7	2340	2550	2783	2438		339	140	280	1616
CCX354B	7	2849	3059	3292	2947		339	212	420	1616

Air heat exchangers – Optigo CC

A: Air defrost
E: Electrical defrost
E2: Electrical Heavy
HG+E2: Hot-Gas + Electrical Heavy E2
HG: Hot gas defrost in coil and drip tray
HG+HD: Hot gas defrost on coil and electric in drip tray
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment
PC: Power coated
SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices										
		Defrost							Coil options Extra price			Special casing Extra price
		A	E	E2	HG	HG+HD	HG+E2		Re-heat- ing coil	EP	CA	SS
Ø 400 (400V/3ph - 50HZ) - ERP 2015												
CCX401A	3,3	1446	1823	1843	1683	1522	1584		143	112	222	993
CCX401B	3,3	1762	2139	2150	1999	1838	1900		174	167	335	993
CCX401C	3,3	1933	2310	2316	2170	2009	2071		-	222	446	993
CCX402A	3,3	2435	2831	2832	2847	2527	2599		240	224	444	1418
CCX402B	3,3	2603	2999	2995	3015	2695	2767		256	334	670	1418
CCX402C	3,3	2917	3313	3300	3329	3009	3081		-	444	892	1418
CCX403A	3,3	3008	3425	3420	3451	3106	3188		297	336	666	1815
CCX403B	3,3	3360	3777	3762	3803	3458	3540		332	501	1005	1815
CCX403C	3,3	3920	4337	4306	4363	4018	4100		-	666	1338	1815
CCX404A	3,3	4082	4561	4535	4525	4188	4281		402	448	888	2360
CCX404B	3,3	4584	5063	5022	5027	4690	4783		452	668	1340	2360
CCX404C	3,3	4870	5349	5300	5313	4976	5069		-	888	1784	2360
CCX401A	4	1433	1810	1830	1670	1509	1571		143	94	186	993
CCX401B	4	1746	2123	2134	1983	1822	1884		174	139	280	993
CCX401C	4	1915	2292	2298	2152	1991	2053		-	186	372	993
CCX402A	4	2411	2807	2809	2823	2503	2575		240	188	372	1418
CCX402B	4	2577	2973	2970	2989	2669	2741		256	278	560	1418
CCX402C	4	2889	3285	3273	3301	2981	3053		-	372	744	1418
CCX403A	4	2979	3396	3392	3422	3077	3159		297	282	558	1815
CCX403B	4	3327	3744	3730	3770	3425	3507		332	417	840	1815
CCX403C	4	3882	4299	4269	4325	3980	4062		-	558	1116	1815
CCX404A	4	4042	4521	4496	4485	4148	4241		402	376	744	2360
CCX404B	4	4538	5017	4978	4981	4644	4737		452	556	1120	2360
CCX404C	4	4822	5301	5254	5265	4928	5021		-	744	1488	2360
CCX401A	5,5	1418	1795	1816	1655	1494	1556		143	70	139	993
CCX401B	5,5	1728	2105	2117	1965	1804	1866		174	104	209	993
CCX401C	5,5	1896	2273	2280	2133	1972	2034		-	139	278	993
CCX402A	5,5	2388	2784	2786	2800	2480	2552		240	140	278	1418
CCX402B	5,5	2551	2947	2945	2963	2643	2715		256	208	418	1418
CCX402C	5,5	2860	3256	3245	3272	2952	3024		-	278	556	1418
CCX403A	5,5	2949	3366	3363	3392	3047	3129		297	210	417	1815
CCX403B	5,5	3295	3712	3699	3738	3393	3475		332	312	627	1815
CCX403C	5,5	3844	4261	4232	4287	3942	4024		-	417	834	1815
CCX404A	5,5	4003	4482	4458	4446	4109	4202		402	280	556	2360
CCX404B	5,5	4494	4973	4935	4937	4600	4693		452	416	836	2360
CCX404C	5,5	4775	5254	5208	5218	4881	4974		-	556	1112	2360
CCX401A	7	1405	1782	1803	1642	1481	1543		143	56	112	993
CCX401B	7	1712	2089	2101	1949	1788	1850		174	84	168	993
CCX401C	7	1878	2255	2262	2115	1954	2016		-	112	225	993
CCX402A	7	2364	2760	2763	2776	2456	2528		240	112	224	1418
CCX402B	7	2527	2923	2921	2939	2619	2691		256	168	336	1418
CCX402C	7	2833	3229	3218	3245	2925	2997		-	224	450	1418
CCX403A	7	2920	3337	3335	3363	3018	3100		297	168	336	1815
CCX403B	7	3262	3679	3667	3705	3360	3442		332	252	504	1815
CCX403C	7	3806	4223	4195	4249	3904	3986		-	336	675	1815
CCX404A	7	3963	4442	4420	4406	4069	4162		402	224	448	2360
CCX404B	7	4450	4929	4892	4893	4556	4649		452	336	672	2360
CCX404C	7	4728	5207	5162	5171	4834	4927		-	448	900	2360



A: Air defrost
 E: Electrical defrost
 E2: Electrical Heavy
 HG+E2: Hot-Gas + Electrical Heavy E2
 HG: Hot gas defrost in coil and drip tray)
 HG+HD: Hot gas defrost on coil and electric in drip tray
 EP: Epoxy coated aluminium fins.
 C: Cataphoresis treatment
 PC: Power coated
 SS: Cabinet all part in stainless steel

Model - ERP 2015	Fin spacing	Prices										
		Defrost							Coil options Extra price			Special casing Extra price
		A	E	E2	HG	HG+HD	HG+E2		Re-heat- ing coil	EP	CA	SS
Ø 400 (400V/3ph - 50HZ) - ERP 2015												
CCX501A	3,3	2292	2709	2704	2529	2403	2465		226	179	356	1076
CCX501B	3,3	2578	2995	2982	2815	2689	2751		254	267	536	1076
CCX501C	3,3	2864	3281	3260	3101	2975	3037		-	356	714	1076
CCX502A	3,3	3601	4065	4032	4013	3722	3794		355	358	712	1794
CCX502B	3,3	4272	4736	4684	4684	4393	4465		421	534	1072	1794
CCX502C	3,3	4604	5068	5006	5016	4725	4797		-	712	1428	1794
CCX503A	3,3	5156	5657	5589	5599	5295	5377		508	537	1068	2870
CCX503B	3,3	6016	6517	6424	6459	6155	6237		593	801	1608	2870
CCX503C	3,3	6895	7396	7277	7338	7034	7116		-	1068	2142	2870
CCX504A	3,3	6015	6574	6492	6489	6173	6265		593	716	1424	3546
CCX504B	3,3	7476	8035	7910	7950	7634	7726		737	1068	2144	3546
CCX501A	4	2269	2686	2682	2506	2380	2442		226	150	299	1076
CCX501B	4	2553	2970	2958	2790	2664	2726		254	222	448	1076
CCX501C	4	2837	3254	3233	3074	2948	3010		-	299	595	1076
CCX502A	4	3566	4030	3998	3978	3687	3759		355	300	598	1794
CCX502B	4	4230	4694	4643	4642	4351	4423		421	444	896	1794
CCX502C	4	4560	5024	4963	4972	4681	4753		-	598	1190	1794
CCX503A	4	5106	5607	5540	5549	5245	5327		508	450	897	2870
CCX503B	4	5958	6459	6367	6401	6097	6179		593	666	1344	2870
CCX503C	4	6828	7329	7212	7271	6967	7049		-	897	1785	2870
CCX504A	4	5956	6515	6435	6430	6114	6206		593	600	1196	3546
CCX504B	4	7404	7963	7840	7878	7562	7654		737	888	1792	3546
CCX501A	5,5	2247	2664	2661	2484	2358	2420		226	112	222	1076
CCX501B	5,5	2528	2945	2933	2765	2639	2701		254	167	335	1076
CCX501C	5,5	2809	3226	3206	3046	2920	2982		-	222	445	1076
CCX502A	5,5	3531	3995	3964	3943	3652	3724		355	224	444	1794
CCX502B	5,5	4189	4653	4603	4601	4310	4382		421	334	670	1794
CCX502C	5,5	4514	4978	4919	4926	4635	4707		-	444	890	1794
CCX503A	5,5	5056	5557	5492	5499	5195	5277		508	336	666	2870
CCX503B	5,5	5899	6400	6310	6342	6038	6120		593	501	1005	2870
CCX503C	5,5	6761	7262	7147	7204	6900	6982		-	666	1335	2870
CCX504A	5,5	5899	6458	6379	6373	6057	6149		593	448	888	3546
CCX504B	5,5	7332	7891	7770	7806	7490	7582		737	668	1340	3546
CCX501A	7	2225	2642	2639	2462	2336	2398		226	89	179	1076
CCX501B	7	2503	2920	2909	2740	2614	2676		254	135	269	1076
CCX501C	7	2781	3198	3179	3018	2892	2954		-	179	359	1076
CCX502A	7	3496	3960	3930	3908	3617	3689		355	178	358	1794
CCX502B	7	4148	4612	4563	4560	4269	4341		421	270	538	1794
CCX502C	7	4470	4934	4876	4882	4591	4663		-	358	718	1794
CCX503A	7	5006	5507	5443	5449	5145	5227		508	267	537	2870
CCX503B	7	5840	6341	6253	6283	5979	6061		593	405	807	2870
CCX503C	7	6694	7195	7082	7137	6833	6915		-	537	1077	2870
CCX504A	7	5840	6399	6322	6314	5998	6090		593	356	716	3546
CCX504B	7	7258	7817	7699	7732	7416	7508		737	540	1076	3546

Air heat exchangers – Optigo CC

Accessories and options

Fan motor				
Fan motor 230V/1ph - 50/60 Hz. Extra price for each fan	Ø 350	Price		
		2p	4p	6p
		NEP	NEP	41
Fan motor 230-400V/3ph - 50/60 Hz. Extra price for each fan	Ø 250 Ø 350	2p	4p	6p
		48	NEP	NEP
		NEP	62	NEP

EC fan motors				
Fan motor 230V/1ph - 50/60 Hz. Extra price for each fan	Ø 250 Ø 350 Ø 400	Price		
		154		
		226		
		226		
Fan motor 230-400V/3ph - 50/60 Hz. Extra price for each fan	Ø 500	Price		
		720		

Model	Price				
	Connection box		Local safety switch wired	Fan ring heater	Electrical heater
	S = Single phase	T = Three phase			
251	48	188	113	79	83
252	72	200	227	137	97
253	93	222	340	204	97
254	125	243	453	269	103
351	48	188	113	79	83
352	72	200	227	137	97
353	93	222	340	204	97
354	125	243	453	269	103
401	48	188	113	79	83
402	72	200	227	137	97
403	93	222	340	204	97
404	125	243	453	269	103
501	99	99	113	79	83
502	99	99	227	137	97
503	143	143	340	204	97
504	202	202	453	269	103

Model	Price						
	Insulated drip tray		Shut-up system		Sock		AlfaStreamer
	Power coated	Stainless steel	Article no.	Price	Power coated	Stainless steel	
251	206	206	10999980	283	—	—	—
252	268	268	10999981	546	—	—	—
253	330	330	10999982	814	—	—	—
254	391	—	10999983	1071	—	—	—
351	206	206	10999984	335	—	—	—
352	268	268	10999985	644	—	—	—
353	330	330	10999986	963	—	—	—
354	391	391	10999987	1272	—	—	—
401	340	—	10999988	335	103	144	74
402	402	—	10999989	644	206	288	149
403	464	—	10999990	963	309	433	223
404	525	—	10999991	1272	412	577	298
501	340	—	10999992	366	103	144	89
502	402	—	10999993	711	206	288	178
503	464	—	10999994	1056	309	433	267
504	525	—	10999995	1401	412	577	355



AlfaCubic - For Asia market only

Prices

A: Air defrost

E: Electrical defrost

HG: Hot gas defrost in coil and drip tray

HG+HD: Hot gas defrost on coil and electric in drip tray

SS: Cabinet all part in stainless steel

EP: Epoxy coated aluminium fins.

C: Cataphoresis treatment

Model	Fin spacing	Defrost Direct Expansion (E)				Special casing Extra price	Coil options Extra price	
		A	E	HG	HG+HD	SS	EP	C
		Price						
Ø 250 - ERP 2015								
GLE_251A40	4	695	858	876	848	349	56	194
GLE_251B40	4	768	951	949	921	349	61	216
GLE_252A40	4	974	1148	1172	1143	488	109	387
GLE_252B40	4	1092	1302	1289	1261	488	119	433
GLE_253A40	4	1328	1536	1557	1523	665	164	581
GLE_253B40	4	1471	1706	1702	1666	665	181	649
RLE_251A55	5.5	688	851	869	842	349	55	191
RLE_251B55	5.5	755	936	935	909	349	59	213
RLE_252A55	5.5	958	1132	1155	1128	488	106	383
RLE_252B55	5.5	1069	1280	1268	1238	488	117	425
RLE_253A55	5.5	1295	1506	1525	1491	665	161	574
RLE_253B55	5.5	1420	1657	1653	1618	665	176	639
BLE_251A70	7	685	847	864	837	349	54	190
BLE_251B70	7	750	932	930	904	349	59	211
BLE_252A70	7	950	1125	1148	1120	488	106	381
BLE_252B70	7	1057	1270	1258	1228	488	116	421
BLE_253A70	7	1281	1491	1512	1478	665	160	571
BLE_253B70	7	1405	1640	1636	1600	665	176	632
Ø 350 - ERP 2015								
GLE_351A40	4	902	1091	1083	1055	444	67	231
GLE_351B40	4	1021	1230	1201	1172	444	75	262
GLE_352A40	4	1265	1487	1463	1435	622	132	461
GLE_352B40	4	1447	1707	1646	1617	622	149	526
GLE_353A40	4	1760	2006	1991	1956	865	199	692
GLE_353B40	4	2014	2304	2244	2209	865	226	788
GLE_354A40	4	2232	2526	2542	2497	1099	263	922
GLE_354B40	4	2570	2896	2878	2833	1099	302	1052
RLE_351A55	5.5	889	1080	1071	1042	444	64	225
RLE_351B55	5.5	1003	1211	1182	1156	444	72	254
RLE_352A55	5.5	1224	1446	1421	1393	622	129	449
RLE_352B55	5.5	1385	1646	1584	1555	622	144	509
RLE_353A55	5.5	1697	1944	1928	1894	865	192	674
RLE_353B55	5.5	1920	2208	2150	2116	865	217	764
RLE_354A55	5.5	2150	2441	2460	2412	1099	256	899
RLE_354B55	5.5	2441	2769	2750	2706	1099	289	1019
BLE_351A70	7	883	1072	1062	1034	444	63	222
BLE_351B70	7	989	1199	1169	1141	444	71	249
BLE_352A70	7	1205	1427	1403	1374	622	127	444
BLE_352B70	7	1355	1617	1555	1525	622	142	501
BLE_353A70	7	1661	1908	1894	1859	865	188	665
BLE_353B70	7	1867	2156	2096	2062	865	213	750
BLE_354A70	7	2102	2394	2411	2366	1099	251	887
BLE_354B70	7	2373	2701	2681	2638	1099	283	1001

Air heat exchangers – AlfaCubic - For Asia market only

A: Air defrost
E: Electrical defrost
HG: Hot gas defrost in coil and drip tray
HG+HD: Hot gas defrost on coil and electric in drip tray
SS: Cabinet all part in stainless steel
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment

Model	Fin spacing	Defrost Direct Expansion (E)				Special casing Extra price	Coil options Extra price	
		A	E	HG	HG+HD	SS	EP	C
		Price						
Ø 400 - ERP 2015								
GLE_401B40	4	1295	1848	1881	1793	644	105	425
GLE_401C40	4	1453	2074	2040	1950	644	119	483
GLE_402B40	4	2014	2659	2693	2593	1001	211	849
GLE_402C40	4	2292	3030	2972	2870	1001	241	965
GLE_403B40	4	2676	3404	3451	3334	1330	316	1274
GLE_403C40	4	3114	3945	3888	3773	1330	362	1448
RLE_401B55	5.5	1257	1809	1841	1754	644	101	411
RLE_401C55	5.5	1395	2016	1981	1891	644	114	465
RLE_402B55	5.5	1922	2568	2602	2500	1001	202	821
RLE_402C55	5.5	2168	2907	2849	2747	1001	229	930
RLE_403B55	5.5	2492	3221	3267	3151	1330	304	1232
RLE_403C55	5.5	2922	3753	3697	3581	1330	344	1394
BLE_401B70	7	1240	1793	1826	1738	644	99	404
BLE_401C70	7	1368	1989	1952	1865	644	111	455
BLE_402B70	7	1870	2514	2550	2447	1001	198	808
BLE_402C70	7	2098	2835	2778	2675	1001	222	911
BLE_403B70	7	2414	3145	3189	3074	1330	296	1212
BLE_403C70	7	2817	3648	3592	3475	1330	333	1366
Ø 500 - ERP 2015								
GLE_502A40	4	2752	3231	3393	3042	1328	133	468
GLE_502B40	4	3266	3903	3717	3368	1328	147	517
GLE_502C40	4	3743	4459	4208	3865	1328	171	600
GLE_503B40	4	4600	5351	5192	4694	2219	221	776
GLE_503C40	4	5273	6123	5921	5374	2219	256	901
GLE_504B40	4	5719	6494	6658	5952	2756	295	1034
GLE_504C40	4	6794	7844	7733	7027	2756	342	1201
RLE_502A55	5.5	2646	3125	3286	2932	1328	128	452
RLE_502B55	5.5	3137	3773	3585	3238	1328	142	499
RLE_502C55	5.5	3592	4308	4060	3714	1328	163	576
RLE_503B55	5.5	4418	5169	5010	4511	2219	213	748
RLE_503C55	5.5	5059	5912	5710	5161	2219	244	864
RLE_504B55	5.5	5493	6267	6431	5724	2756	284	997
RLE_504C55	5.5	6390	7443	7331	6623	2756	325	1152
BLE_502A70	7	2589	3071	3229	2877	1328	126	444
BLE_502B70	7	3074	3711	3524	3174	1328	139	490
BLE_502C70	7	3312	4028	3780	3436	1328	157	557
BLE_503B70	7	4327	5081	4920	4423	2219	209	735
BLE_503C70	7	4960	5811	5610	5060	2219	235	836
BLE_504B70	7	5380	6153	6317	5612	2756	278	981
BLE_504C70	7	6264	7317	7204	6497	2756	313	1114

Accessories and options

Fan motor				
		Price		
		2p	4p	6p
Fan motor 230V/1ph - 50/60 Hz. Extra price for each fan	Ø 350	NEP	NEP	41
	Ø 400	NEP	NEP	41
	Ø 500	NEP	NEP	41
	Ø 500 (60 Hz)	NEP	NEP	NEP
Fan motor 230-400V/3ph - 50/60 Hz. Extra price for each fan	Ø 250	47	NEP	NEP
	Ø 350	NEP	62	NEP
Fan motor 400V/3ph - 50/60 Hz. Extra price for each fan		2p	4p	6p
	Ø 400	NEP	NEP	144
	Ø 500 (50 Hz)	NEP	NEP	NEP
	Ø 500 (60 Hz)	NEP	16	NEP

Electrical options				
Series	Price			
	Ø 250	Ø 350	Ø 400	Ø 500
Local safety switch wired				
Number of fans				
1	139	139	139	-
2	278	278	278	278
3	417	417	417	417
4	-	557	-	557
Terminal box				
Number of fans	S = Single phase			
	48	48	48	-
	72	73	72	99
	93	93	93	143
Number of fans	T = Three phase			
	-	125	-	202
	188	188	202	-
	200	200	214	436
Number of fans	222	222	238	497
	-	243	-	572
Electrical defrost on drip tray only				
Number of fans				
1	83	83	93	-
2	92	92	100	109
3	100	100	110	123
4	-	104	-	138
AlfaStreamer				
Number of fans				
1	-	-	74	-
2	-	-	148	177
3	-	-	224	268
4	-	-	-	355
Air sock adapter ring				
Number of fans				
1	-	-	114	-
2	-	-	229	229
3	-	-	344	344
4	-	-	458	458
Fan ring heater				
Number of fans				
1	74	79	83	-
2	148	160	170	182
3	224	239	253	273
4	-	317	-	363
Cable electrical heater				
Model RS70W			41001200	21



Re-heating coil						
Model		Application	Extra rows	NC	Capacity (*)	Price
GL / RL / BL						
D = 250 mm	251A	Dx / Brine	2	2	4,84	188
	251B	Dx / Brine		not available		-
	252A	Dx / Brine	2	2	9,05	253
	252B	Dx / Brine		not available		-
	253A	Dx / Brine	2	2	12,72	328
	253B	Dx / Brine		not available		-
D = 350 mm	351A	Dx / Brine	2	2	7,72	188
	351B	Dx / Brine		not available		-
	352A	Dx / Brine	2	2	13,86	253
	352B	Dx / Brine		not available		-
	353A	Dx / Brine	2	2	18,72	328
	353B	Dx / Brine		not available		-
	354A	Dx / Brine	2	2	22,55	411
	354B	Dx / Brine		not available		-
D = 400 mm	401B	Dx / Brine	2	2	10,15	232
	401C	Dx / Brine		not available		-
	402B	Dx / Brine	2	2	17,88	353
	402C	Dx / Brine		not available		-
	403B	Dx / Brine	2	2	23,37	521
	403C	Dx / Brine		not available		-
D = 500 mm	502A	Dx / Brine	2	4	32,89	353
	502B	Dx / Brine	2	4	32,89	353
	502C	Dx / Brine		not available		-
	503B	Dx / Brine	2	4	43,55	521
	503C	Dx / Brine		not available		-
	504B	Dx / Brine	2	4	51,39	694
	504C	Dx / Brine		not available		-

(*) The re-heating capacity is calculated using the following conditions:

- Water inlet temp: 40°C
- Fluid velocity: 1 m/s
- Air inlet temperature: +12°C
- Fluid pressure drop: lower than 50 kPa

Series	Options			
	Price			
	Ø 250	Ø 350	Ø 400	Ø 500
Insulated drip tray				
Aluminium painted				
Number of fans				
1	264	264	286	-
2	286	286	315	390
3	315	315	341	706
4	-	427	-	842
Stainless steel				
Number of fans				
1	343	343	373	-
2	373	373	411	509
3	411	411	445	918
4	-	427	-	1096
FE connection				
Ref. connection in stainless steel kit with end terminal in Fe				354



Fincoil Polar Cat G Prices

PC	Standard model			Extra price EUR				
	Fin spacing							
Size	Fan motor	4 mm	7 mm	SS0	SS	SK	Ft	SP
101	1 x 254	843	830	-	189	178	-	-
102	2 x 254	1082	995	-	222	178	-	-
103	1 x 350	1365	1315	-	278	256	78	33
104	3 x 254	1501	1451	-	245	178	-	-
105	1 x 350	1630	1580	-	300	256	78	33
106	2 x 350	1957	1895	-	400	200	122	78
107	2 x 350	2387	2262	-	378	256	145	89
108	1 x 450	2254	2142	-	400	334	78	44
109	1 x 450	2809	2634	-	489	334	78	44
110	3 x 350	3195	3033	-	345	334	222	122
111	2 x 450	3366	3216	-	534	334	145	89
112	2 x 450	4045	3870	-	656	334	145	89
113	3 x 450	4382	4007	-	601	334	222	133
114	2 x 500	5000	4963	456	679	334	145	100
115	2 x 500	5649	5587	612	1001	334	145	100
116	3 x 500	6920	6845	768	1257	445	222	145

SS0 = Electric defrost (cold rooms appr. 0°C)

SS = Electric defrost

SK = wall mounting

Ft = Round flanges for textile air duct

SP = Electric defrost for fan openings



Airmax II - For Asia market only

Prices

A: Air defrost

E: Electric defrost (coil + drip tray)

LE: Low electric defrost (coil + drip tray)

HG: Hot gas defrost

W: Water defrost only

HG+HD = Hot gas + electric in drip tray

W+HD: water defrost on coil and electric in drip tray

SS: Cabinet all part in stainless steel

EP: Epoxy coated aluminium fins.

C: Cataphoresis treatment

Model	Price							Special casing Extra price	Coil options Extra price	
	Direct Expansion (E)									
	Defrost									
	A	E	LE	HG	W	HG+HD	W+HD	SS	EP	C
Ø 500 mm - High speed rotation - ERP 2015										
Fin spacing 4 mm										
ILGE501A4	2501	3241	3168	3365	2699	3119	2772	516	144	359
ILGE501C4	3156	3983	3886	4022	3408	3775	3506	516	182	456
ILGE501E4	3426	4311	4201	4292	3718	4046	3827	516	211	528
ILGE502A4	3256	4233	4136	4392	3510	4073	3607	1030	288	720
ILGE502C4	4183	5272	5148	5323	4512	5001	4635	1030	364	913
ILGE502E4	4812	5975	5833	5950	5191	5630	5332	1030	423	1057
ILGE503A4	4439	5706	5575	5926	4788	5488	4919	1388	432	1080
ILGE503C4	5691	7104	6936	7175	6139	6739	6306	1388	546	1369
ILGE503E4	6490	8000	7809	7976	7001	7541	7191	1388	633	1585
ILGE504A4	5452	6988	6827	7254	5881	6720	6042	1721	576	1442
ILGE504C4	6992	8710	8504	8797	7541	8262	7749	1721	730	1824
ILGE504E4	8054	9896	9660	9858	8688	9324	8924	1721	845	2114
ILGE505A4	6567	8465	8273	8783	7077	8144	7270	2147	720	1801
ILGE505C4	8313	10425	10178	10527	8967	9890	9211	2147	913	2279
ILGE505E4	10033	12347	12052	12248	10820	11610	11117	2147	1057	2641
Fin spacing 6 mm										
ILRE501A6	2448	3190	3117	3314	2647	3067	2720	516	139	346
ILRE501C6	3089	3916	3821	3955	3343	3709	3438	516	175	436
ILRE501E6	3335	4220	4111	4202	3629	3955	3737	516	202	504
ILRE502A6	3184	4162	4064	4321	3439	4001	3535	1030	277	692
ILRE502C6	4077	5165	5042	5217	4406	4895	4531	1030	349	873
ILRE502E6	4671	5834	5693	5810	5049	5490	5191	1030	403	1009
ILRE503A6	4316	5585	5452	5802	4665	5365	4796	1388	415	1037
ILRE503C6	5535	6950	6783	7022	5982	6584	6150	1388	525	1311
ILRE503E6	6286	7793	7601	7770	6795	7333	6988	1388	606	1514
ILRE504A6	5291	6828	6668	7097	5721	6561	5880	1721	554	1384
ILRE504C6	6784	8499	8296	8586	7332	8052	7538	1721	700	1747
ILRE504E6	7786	9627	9393	9589	8419	9054	8656	1721	808	2019
ILRE505A6	6289	8185	7994	8504	6799	7866	6990	2147	692	1730
ILRE505C6	8060	10172	9926	10274	8714	9638	8959	2147	876	2184
ILRE505E6	9695	12009	11714	11909	10483	11272	10779	2147	1009	2522
Fin spacing 8 mm										
ILBE501A8	2426	3168	3093	3292	2623	3046	2697	516	138	343
ILBE501C8	3099	3921	3826	3960	3352	3714	3444	516	173	432
ILBE501E8	3343	4223	4116	4207	3634	3959	3743	516	200	499
ILBE502A8	3394	4373	4278	4533	3651	4212	3747	1030	274	685
ILBE502C8	4067	5157	5033	5206	4396	4886	4519	1030	346	864
ILBE502E8	4651	5811	5669	5788	5027	5466	5170	1030	399	997
ILBE503A8	4213	5479	5347	5697	4562	5260	4694	1388	412	1028
ILBE503C8	5471	6887	6718	6957	5917	6519	6086	1388	519	1298
ILBE503E8	6246	7752	7561	7729	6755	7292	6945	1388	598	1495
ILBE504A8	5204	6740	6581	7008	5633	6474	5793	1721	547	1370
ILBE504C8	6763	8481	8276	8568	7314	8033	7521	1721	692	1729
ILBE504E8	7731	9574	9338	9537	8366	9001	8603	1721	798	1992
ILBE505A8	6177	8072	7882	8391	6686	7753	6876	2147	685	1712
ILBE505C8	8032	10143	9898	10245	8685	9609	8930	2147	864	2161
ILBE505E8	9629	11945	11649	11846	10419	11207	10714	2147	997	2491



Air heat exchangers – Airmax II —For Asia market only

A: Air defrost
E: Electric defrost (coil + drip tray)
LE: Low electric defrost (coil + drip tray)
HG: Hot gas defrost
W: Water defrost only
HG+HD = Hot gas + electric in drip tray
W+HD: water defrost on coil and electric in drip tray
SS: Cabinet all part in stainless steel
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment

Model	Price							Special casing Extra price	Coil options Extra price	
	Direct Expansion (E)									
	Defrost									
	A	E	LE	HG	W	HG+HD	W+HD			
Ø 560 mm - High speed rotation - ERP 2015										
Fin spacing 4 mm										
ILGE561C4	4042	5070	4945	5275	4370	4864	4493	679	235	587
ILGE561E4	5073	6176	6033	6307	5452	5896	5594	679	278	697
ILGE561G4	5563	6723	6567	6797	5979	6388	6137	679	316	790
ILGE562C4	5795	7160	6999	7431	6228	6891	6391	1357	469	1173
ILGE562E4	6677	8141	7955	8313	7176	7772	7362	1357	557	1393
ILGE562G4	7322	8859	8654	8958	7869	8417	8073	1357	632	1580
ILGE563C4	8090	9890	9661	10266	8693	9510	8919	1902	703	1759
ILGE563E4	9352	11293	11032	11530	10051	10775	10313	1902	835	2090
ILGE563G4	10261	12304	12016	12437	11028	11682	11315	1902	949	2371
ILGE564C4	10094	12297	12014	12767	10849	11825	11132	2385	939	2345
ILGE564E4	11739	14126	13798	14414	12618	13471	12946	2385	1114	2785
ILGE564G4	12795	15298	14940	15465	13748	14525	14107	2385	1265	3161
ILGE565C4	12172	14893	14554	15462	13082	14325	13423	2877	1173	2932
ILGE565E4	14153	17097	16700	17443	15210	16306	15606	2877	1393	3481
ILGE565G4	15426	18513	18080	18716	16579	17579	17010	2877	1581	3952
Fin spacing 6 mm										
ILRE561C6	4011	5041	4915	5245	4340	4835	4464	679	228	571
ILRE561E6	4906	6010	5867	6140	5285	5729	5426	679	271	676
ILRE561G6	5359	6518	6362	6594	5774	6183	5932	679	306	764
ILRE562C6	5627	6993	6831	7264	6059	6724	6223	1357	456	1140
ILRE562E6	6458	7924	7736	8096	6957	7555	7143	1357	540	1350
ILRE562G6	7052	8589	8384	8689	7600	8147	7805	1357	612	1530
ILRE563C6	7835	9636	9408	10013	8440	9257	8665	1902	684	1710
ILRE563E6	9026	10967	10706	11203	9724	10446	9986	1902	811	2027
ILRE563G6	9859	11903	11613	12036	10624	11281	10914	1902	918	2294
ILRE564C6	9722	11924	11641	12396	10476	11454	10759	2385	913	2281
ILRE564E6	11305	13692	13362	13977	12182	13038	12511	2385	1080	2702
ILRE564G6	12323	14827	14470	14997	13280	14054	13638	2385	1224	3058
ILRE565C6	11712	14433	14091	15001	12621	13865	12963	2877	1140	2851
ILRE565E6	13619	16563	16167	16910	14678	15773	15073	2877	1349	3378
ILRE565G6	14844	17927	17496	18132	15994	16995	16429	2877	1530	3823
Fin spacing 8 mm										
ILBE561C8	4003	5032	4906	5237	4331	4825	4455	679	225	562
ILBE561E8	4545	5651	5507	5779	4923	5368	5067	679	267	665
ILBE561G8	4935	6092	5937	6168	5350	5758	5507	679	302	753
ILBE562C8	5598	6963	6802	7235	6032	6693	6192	1357	450	1126
ILBE562E8	6406	7870	7684	8042	6905	7501	7093	1357	533	1332
ILBE562G8	6979	8516	8311	8616	7527	8074	7733	1357	602	1506
ILBE563C8	7793	9595	9368	9972	8398	9216	8625	1902	675	1688
ILBE563E8	8948	10890	10630	11127	9648	10370	9910	1902	799	1995
ILBE563G8	9748	11790	11501	11923	10513	11168	10800	1902	903	2259
ILBE564C8	9618	11819	11536	12291	10371	11349	10655	2385	900	2252
ILBE564E8	11201	13587	13258	13872	12078	12933	12405	2385	1064	2662
ILBE564G8	12233	14737	14382	14906	13189	13966	13548	2385	1203	3011
ILBE565C8	11578	14298	13958	14866	12487	13730	12829	2877	1126	2814
ILBE565E8	13485	16429	16032	16775	14542	15637	14937	2877	1332	3327
ILBE565G8	14727	17813	17380	18016	15878	16880	16311	2877	1505	3764



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Model	Price							Special casing Extra price	Coil options Extra price	
	Direct Expansion (E)									
	Defrost									
	A	E	LE	HG	W	HG+HD	W+HD		SS	EP
Ø 630 mm - High speed rotation - ERP 2015										
Fin spacing 4 mm										
ILGE631C4	5309	6640	6442	6973	5838	6307	5960	990	304	757
ILGE631E4	6101	7476	7269	7768	6661	7102	6870	990	379	948
ILGE631G4	6895	8308	8090	8560	7480	7894	7699	990	421	1055
ILGE632C4	8126	9875	9618	10306	8816	9443	9076	1980	606	1516
ILGE632E4	9164	10967	10697	11345	9892	10480	10163	1980	758	1895
ILGE632G4	10184	12039	11754	12366	10943	11501	11230	1980	844	2109
ILGE633C4	10467	12622	12306	13148	11308	12096	11624	2408	911	2273
ILGE633E4	11430	13652	13319	14111	12313	13058	12647	2408	1137	2841
ILGE633G4	13125	15496	15128	15805	14110	14755	14480	2408	1265	3163
ILGE634C4	13874	16592	16181	17278	14971	15907	15384	3143	1212	3031
ILGE634E4	15454	18256	17825	18855	16608	17485	17041	3143	1517	3789
ILGE634G4	17154	20149	19668	20556	18434	19187	18916	3143	1687	4219
ILGE635C4	16549	19834	19352	20636	17832	19032	18314	3677	1516	3789
ILGE635E4	18081	21466	20959	22168	19433	20563	19939	3677	1895	4737
ILGE635G4	20072	23678	23114	24156	21568	22552	22133	3677	2108	5273
Fin spacing 6 mm										
ILRE631C6	5197	6531	6331	6863	5729	6199	5929	990	295	736
ILRE631E6	5995	7369	7160	7660	6552	6995	6764	990	369	921
ILRE631G6	6789	8202	7983	8453	7374	7788	7593	990	408	1022
ILRE632C6	8034	9784	9525	10215	8724	9350	8983	1980	589	1474
ILRE632E6	9028	10833	10564	11211	9756	10346	10030	1980	736	1843
ILRE632G6	9217	11074	10789	11399	9979	10536	10264	1980	817	2044
ILRE633C6	10352	12506	12191	13033	11193	11981	11507	2408	885	2209
ILRE633E6	11415	13637	13302	14097	12300	13044	12631	2408	1105	2762
ILRE633G6	12555	14925	14556	15235	13537	14183	13907	2408	1226	3065
ILRE634C6	13705	16422	16011	17108	14801	15737	15213	3143	1178	2947
ILRE634E6	14834	17639	17207	18238	15990	16867	16422	3143	1475	3683
ILRE634G6	16469	19463	18984	19872	17750	18501	18231	3143	1634	4087
ILRE635C6	16342	19626	19144	20428	17624	18823	18106	3677	1474	3683
ILRE635E6	17404	20790	20283	21492	18756	19887	19263	3677	1843	4605
ILRE635G6	19319	22925	22361	23404	20816	21799	21381	3677	2042	5108
Fin spacing 8 mm										
ILBE631C8	5092	6426	6228	6759	5624	6093	5825	990	290	728
ILBE631E8	5909	7284	7076	7576	6469	6910	6680	990	363	908
ILBE631G8	6661	8076	7857	8329	7248	7663	7468	990	402	1004
ILBE632C8	7929	9679	9421	10112	8620	9246	8880	1980	582	1455
ILBE632E8	8799	10604	10334	10983	9525	10119	9799	1980	728	1817
ILBE632G8	8951	10808	10524	11133	9712	10269	9997	1980	804	2010
ILBE633C8	10134	12288	11975	12815	10975	11765	11290	2408	872	2182
ILBE633E8	11342	13565	13230	14023	12227	12973	12559	2408	1091	2726
ILBE633G8	12376	14747	14379	15056	13361	14005	13730	2408	1206	3014
ILBE634C8	13533	16250	15838	16935	14629	15564	15040	3143	1163	2909
ILBE634E8	14537	17342	16912	17942	15693	16572	16125	3143	1454	3636
ILBE634G8	16397	19391	18911	19799	17678	18428	18158	3143	1608	4021
ILBE635C8	16140	19424	18943	20226	17425	18622	17906	3677	1454	3637
ILBE635E8	17256	20640	20133	21343	18607	19738	19113	3677	1817	4543
ILBE635G8	19136	22744	22182	23223	20637	21619	21197	3677	2011	5025



Air heat exchangers – Airmax II —For Asia market only

A: Air defrost
 E: Electric defrost (coil + drip tray)
 LE: Low electric defrost (coil + drip tray)
 HG: Hot gas defrost
 W: Water defrost only
 HG+HD = Hot gas + electric in drip tray
 W+HD: water defrost on coil and electric in drip tray
 SS: Cabinet all part in stainless steel
 EP: Epoxy coated aluminium fins.
 C: Cataphoresis treatment

Model	Price							Special casing Extra price	Coil options Extra price	
	Direct Expansion (E)									
	Defrost									
	A	E	LE	HG	W	HG+HD	W+HD		SS	EP
Ø 800 mm - High speed rotation - ERP 2015										
Fin spacing 4 mm										
ILGE801C4	5816	7088	6931	7349	6235	6826	6392	1436	503	1258
ILGE801E4	6867	8292	8098	8398	7389	7874	7586	1436	629	1572
ILGE801G4	8581	10149	9917	10113	9197	9588	9428	1436	688	1721
ILGE802C4	10680	12689	12400	13168	11448	12209	11736	2870	1005	2515
ILGE802E4	13349	15644	15284	15835	14309	14876	14667	2870	1258	3145
ILGE802G4	15752	18304	17880	18237	16881	17278	17306	2870	1377	3441
ILGE803C4	15807	18495	18091	19167	16885	17821	17288	3493	1509	3772
ILGE803E4	18749	21840	21334	22108	20096	20762	20602	3493	1886	4714
ILGE803G4	22125	25578	24983	25485	23715	24139	24310	3493	2065	5164
ILGE804C4	21001	24797	24172	25844	22672	23753	23302	4557	2012	5029
ILGE804E4	26250	30673	29891	31092	28340	29001	29124	4557	2514	6287
ILGE804G4	30976	35962	35038	35817	33443	33726	34368	4557	2753	6886
Fin spacing 6 mm										
ILRE801C6	5705	6978	6822	7240	6124	6717	6283	1436	489	1224
ILRE801E6	6791	8218	8023	8322	7314	7801	7509	1436	612	1530
ILRE801G6	7702	9271	9040	9235	8319	8711	8551	1436	667	1668
ILRE802C6	10373	12381	12093	12860	11140	11901	11427	2870	980	2447
ILRE802E6	11841	14137	13777	14327	12800	13368	13159	2870	1224	3060
ILRE802G6	13578	16134	15709	16066	14710	15107	15135	2870	1334	3336
ILRE803C6	14429	17118	16714	17790	15509	16444	15911	3493	1470	3671
ILRE803E6	17293	20385	19881	20655	18639	19308	19145	3493	1835	4589
ILRE803G6	19839	23294	22699	23201	21428	21854	22024	3493	2001	5005
ILRE804C6	18991	22786	22159	23833	20662	21741	21289	4557	1958	4895
ILRE804E6	23129	27553	26769	27971	25220	25880	26003	4557	2447	6117
ILRE804G6	25462	30449	29525	30304	27928	28213	28854	4557	2668	6673
Fin spacing 8 mm										
ILBE801C8	5638	6909	6753	7171	6054	6648	6213	1436	484	1208
ILBE801E8	6673	8099	7904	8204	7194	7681	7390	1436	604	1510
ILBE801G8	7701	9269	9038	9233	8317	8709	8549	1436	657	1641
ILBE802C8	10199	12207	11919	12687	10966	11728	11254	2870	965	2416
ILBE802E8	11434	13729	13369	13920	12393	12962	12753	2870	1208	3020
ILBE802G8	13422	15974	15551	15908	14551	14949	14977	2870	1313	3283
ILBE803C8	14420	17107	16702	17781	15497	16434	15901	3493	1449	3626
ILBE803E8	17286	20379	19875	20648	18635	19302	19140	3493	1813	4530
ILBE803G8	19025	22479	21882	22384	20614	21038	21210	3493	1970	4923
ILBE804C8	17850	21646	21019	22693	19523	20602	20150	4557	1933	4833
ILBE804E8	21749	26171	25388	26590	23839	24500	24622	4557	2416	6041
ILBE804G8	24401	29388	28463	29243	26868	27151	27792	4557	2625	6564

Accessories and options

Fan motor			
		Price	
		4p	6p
Fan motor 230V/1ph - 50/60 Hz. Extra price for each fan	Ø 500	NEP	NEP
		4p	6p
Fan motor (400V/3Ph - 50 Hz). Extra price for each fan	Ø 500	-	NEP
	Ø 560	-	NEP
	Ø 630	-	NEP
	Ø 800	-	NEP
		4p	6p
Fan motor 400V/3ph-60 Hz.. Extra price for each fan	Ø 500	24	NEP
	Ø 560	NEP	NEP
	Ø 630	175	NEP
	Ø 800	NEP	NEP

NEP: No extra price

STD: Fan motor standard

Electrical options				
Series	Price			
	Ø 500	Ø 560	Ø 630	Ø 800
Local safety switch wired				
Number of fans				
1	139	139	139	139
2	278	278	278	278
3	417	417	417	417
4	557	557	557	557
5	696	696	696	-
Terminal box				
Number of fans				
1	435	435	435	435
2	495	495	495	495
3	572	572	572	572
4	627	627	627	627
5	697	697	697	-
AlfaStreamer				
Number of fans				Only on 6 poles
1	90	n.a.	105	162
2	177	n.a.	211	323
3	268	n.a.	315	484
4	355	n.a.	420	645
5	445	n.a.	526	-
Air sock adapter ring				
Number of fans				
1	116	146	146	245
2	234	291	291	490
3	350	439	439	736
4	468	585	585	983
5	585	731	731	-
Fan ring heater				
Number of fans				
1	115	127	130	128
2	215	323	414	238
3	331	361	374	363
4	419	476	476	464
5	525	596	596	-

Options				
Series	Price			
	Ø 500	Ø 560	Ø 630	Ø 800
Floor mounting support				
Number of fans				
1	643	643	643	643
2	1238	1238	1238	1238
3	1403	1403	1403	1403
4	1900	1900	1900	1900
5	2089	2089	2089	-



Air heat exchangers – Airmax II — For Asia market only

Options				
Series	Price			
	Ø 500	Ø 560	Ø 630	Ø 800
Connection side				
Ref. connection side			Left	Right
			STD	option - NEP
FE connection				
Ref. connection in stainless steel kit with end terminal in Fe				All models and diameter
				354



Fincoil Polar Cat Duo Prices

PCD	Fan motor	Standard model Fin spacing 5 mm	Extra price EUR			
Size			SS	Ps	Te	G
201	1 x 254	905	178	162	146	183
202	2 x 254	1186	193	162	146	183
203	3 x 254	1473	230	162	146	183
204	4 x 254	1865	253	162	146	183
205	5 x 254	2118	357	162	146	183

SS = Electric defrost

Ps = Rotation speed regulator

Te = Fan delay thermostat (non-mounted)

G = Liquid use

Air heat exchangers – Optigo CD

Optigo CD Prices

A: Air defrost
E: Electrical defrost
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment

Model - ERP 2015	Fin spacing	Price				
		Defrost		Re-heating coil Extra price	Coil options Extra price	
		A	E		EP	C
CDE301B	3,3	801	929	76	31	97
CDE301C	3,3	889	1017	85	47	146
CDE302B	3,3	1188	1315	111	62	194
CDE302C	3,3	1278	1406	118	95	293
CDE303B	3,3	1590	1718	148	93	290
CDE303C	3,3	1720	1848	158	142	439
CDE304B	3,3	1991	2156	184	124	387
CDE304C	3,3	2160	2325	197	190	585
CDE301B	4,0	784	912	76	25	80
CDE301C	4,0	873	1000	85	39	122
CDE302B	4,0	1155	1282	111	49	161
CDE302C	4,0	1245	1373	118	78	243
CDE303B	4,0	1541	1669	148	74	241
CDE303C	4,0	1671	1798	158	117	365
CDE304B	4,0	1925	2090	184	99	321
CDE304C	4,0	2094	2259	197	157	486
CDE301B	5,5	770	898	76	16	54
CDE301C	5,5	854	982	85	25	80
CDE302B	5,5	1126	1254	111	33	107
CDE302C	5,5	1208	1336	118	49	161
CDE303B	5,5	1498	1625	148	49	161
CDE303C	5,5	1615	1743	158	74	241
CDE304B	5,5	1868	2032	184	66	214
CDE304C	5,5	2020	2185	197	99	321
CDE301B	7,0	739	867	76	14	49
CDE301C	7,0	821	949	85	23	72
CDE302B	7,0	1064	1192	111	29	99
CDE302C	7,0	1142	1270	118	45	144
CDE303B	7,0	1405	1533	148	43	148
CDE303C	7,0	1516	1644	158	68	216
CDE304B	7,0	1744	1909	184	58	198
CDE304C	7,0	1888	2053	197	91	288

A: Air defrost
E: Electrical defrost
EP: Epoxy coated aluminium fins.
C: Cataphoresis treatment

Model - ERP 2015	Fin spacing	Price				
		Defrost		Re-heating coil Extra price	Coil options Extra price	
		A	E		EP	C
CDE401B	4,0	2147	2579	-	78	126
CDE401C	4,0	2387	2819	-	113	293
CDE402B	4,0	2991	3490	-	157	251
CDE402C	4,0	3327	3826	-	227	585
CDE403B	4,0	3909	4491	-	235	377
CDE403C	4,0	4267	4849	-	340	878
CDE404B	4,0	5058	5743	-	313	503
CDE404C	4,0	5637	6322	-	453	1170
CDE405B	4,0	6363	7120	-	391	628
CDE405C	4,0	7091	7848	-	567	1463
CDE401B	5,5	2108	2540	-	264	313
CDE401C	5,5	2344	2776	-	317	496
CDE402B	5,5	2912	3412	-	527	626
CDE402C	5,5	3240	3740	-	634	993
CDE403B	5,5	3791	4373	-	791	939
CDE403C	5,5	4138	4719	-	952	1489
CDE404B	5,5	4902	5587	-	1055	1252
CDE404C	5,5	5464	6149	-	1269	1986
CDE405B	5,5	6168	6925	-	1318	1566
CDE405C	5,5	6875	7632	-	1586	2482
CDE401B	6,0	2069	2501	-	303	352
CDE401C	6,0	2298	2731	-	363	542
CDE402B	6,0	2834	3334	-	606	705
CDE402C	6,0	3149	3649	-	725	1084
CDE403B	6,0	3674	4256	-	908	1057
CDE403C	6,0	4002	4583	-	1088	1625
CDE404B	6,0	4745	5430	-	1211	1409
CDE404C	6,0	5283	5968	-	1450	2167
CDE405B	6,0	5972	6729	-	1514	1761
CDE405C	6,0	6648	7405	-	1813	2709
CDE401B	7,0	2029	2462	-	140	80
CDE401C	7,0	2255	2688	-	163	179
CDE402B	7,0	2756	3255	-	280	161
CDE402C	7,0	3063	3562	-	325	358
CDE403B	7,0	3556	4138	-	420	241
CDE403C	7,0	3872	4454	-	488	538
CDE404B	7,0	4589	5274	-	560	321
CDE404C	7,0	5110	5795	-	651	717
CDE405B	7,0	5776	6533	-	700	402
CDE405C	7,0	6432	7189	-	814	896
CDE401B	8,0	1990	2423	-	321	262
CDE401C	8,0	2212	2644	-	363	379
CDE402B	8,0	2678	3177	-	643	523
CDE402C	8,0	2976	3476	-	725	758
CDE403B	8,0	3439	4021	-	964	785
CDE403C	8,0	3742	4324	-	1088	1137
CDE404B	8,0	4432	5117	-	1285	1046
CDE404C	8,0	4937	5622	-	1450	1516
CDE405B	8,0	5581	6338	-	1607	1308
CDE405C	8,0	6215	6972	-	1813	1895

Air heat exchangers – Optigo CD

A: Air defrost

E: Electrical defrost

EP: Epoxy coated aluminium fins.

C: Cataphoresis treatment

Model - ERP 2015	Fin spacing	Price				
		Defrost		Extra price Re-heating coil	Coil options Extra price	
		A	E		EP	C
CDX301B	3,3	991	1119	95	31	97
CDX301C	3,3	1100	1228	106	47	146
CDX302B	3,3	1465	1592	138	62	194
CDX302C	3,3	1573	1701	148	95	293
CDX303B	3,3	1959	2087	183	93	290
CDX303C	3,3	2115	2243	199	142	439
CDX304B	3,3	2450	2615	229	124	387
CDX304C	3,3	2654	2819	247	190	585
CDX301B	4,0	974	1102	95	25	80
CDX301C	4,0	1084	1211	106	39	122
CDX302B	4,0	1432	1559	138	49	161
CDX302C	4,0	1540	1668	148	78	243
CDX303B	4,0	1910	2038	183	74	241
CDX303C	4,0	2066	2193	199	117	365
CDX304B	4,0	2384	2549	229	99	321
CDX304C	4,0	2588	2753	247	157	486
CDX301B	5,5	960	1088	95	16	54
CDX301C	5,5	1065	1193	106	25	80
CDX302B	5,5	1403	1531	138	33	107
CDX302C	5,5	1503	1631	148	49	161
CDX303B	5,5	1867	1994	183	49	161
CDX303C	5,5	2010	2138	199	74	241
CDX304B	5,5	2327	2491	229	66	214
CDX304C	5,5	2514	2679	247	99	321
CDX301B	7,0	929	1057	95	14	49
CDX301C	7,0	1032	1160	106	23	72
CDX302B	7,0	1341	1469	138	29	99
CDX302C	7,0	1437	1565	148	45	144
CDX303B	7,0	1774	1902	183	43	148
CDX303C	7,0	1911	2039	199	68	216
CDX304B	7,0	2203	2368	229	58	198
CDX304C	7,0	2382	2547	247	91	288



A: Air defrost
 E: Electrical defrost
 EP: Epoxy coated aluminium fins.
 C: Cataphoresis treatment

Model - ERP 2015	Fin spacing	Price				
		Defrost		Extra price Re-heating coil	Coil options Extra price	
		A	E		EP	C
CDX401B	3,3	2751	3184	-	183	233
CDX401C	3,3	3059	3492	-	229	408
CDX402B	3,3	3877	4377	-	367	466
CDX402C	3,3	4310	4810	-	457	816
CDX403B	3,3	5092	5674	-	550	698
CDX403C	3,3	5562	6144	-	686	1224
CDX404B	3,3	6599	7284	-	733	931
CDX404C	3,3	7350	8035	-	915	1632
CDX405B	3,3	8298	9055	-	917	1164
CDX405C	3,3	9243	10000	-	1143	2039
CDX401B	4,0	2710	3142	-	78	126
CDX401C	4,0	3014	3446	-	113	293
CDX402B	4,0	3795	4294	-	157	251
CDX402C	4,0	4220	4719	-	227	585
CDX403B	4,0	4969	5551	-	235	377
CDX403C	4,0	5426	6008	-	340	878
CDX404B	4,0	6434	7119	-	313	503
CDX404C	4,0	7169	7854	-	453	1170
CDX405B	4,0	8092	8849	-	391	628
CDX405C	4,0	9017	9774	-	567	1463
CDX401B	5,5	2671	3103	-	264	313
CDX401C	5,5	2971	3403	-	317	496
CDX402B	5,5	3716	4216	-	527	626
CDX402C	5,5	4133	4633	-	634	993
CDX403B	5,5	4851	5433	-	791	939
CDX403C	5,5	5297	5878	-	952	1489
CDX404B	5,5	6278	6963	-	1055	1252
CDX404C	5,5	6996	7681	-	1269	1986
CDX405B	5,5	7897	8654	-	1318	1566
CDX405C	5,5	8801	9558	-	1586	2482
CDX401B	7,0	2440	2873	-	293	233
CDX401C	7,0	2713	3146	-	332	348
CDX402B	7,0	3255	3755	-	585	466
CDX402C	7,0	3618	4118	-	663	696
CDX403B	7,0	4159	4741	-	878	698
CDX403C	7,0	4524	5106	-	995	1044
CDX404B	7,0	5355	6040	-	1170	931
CDX404C	7,0	5966	6651	-	1327	1393
CDX405B	7,0	6743	7500	-	1463	1164
CDX405C	7,0	7513	8270	-	1658	1741

Accessories and options

Model	Connection box*	Local safety switch wired	Insulated drip tray	
			Powder coated	Stainless steel
401	93	134	412	618
402	155	268	489	734
403	175	402	567	850
404	227	536	644	966
405	283	670	721	1082

*)AC fan motors



Big Top Prices

A: Air defrost
E: Electrical defrost
W: Water defrost

E = Direct expansion evaporator			
Model	Big Top - ERP 2015		
Defrost	A	E	W
Fin spacing 5 mm			
ITRE_562B_5	6137	7166	6808
ITRE_562C_5	6845	7985	7595
ITRE_563B_5	8175	9544	9071
ITRE_563C_5	9116	10641	10118
ITRE_564B_5	10242	11955	11370
ITRE_564C_5	11418	13322	12665
Fin spacing 7 mm			
ITBE_562B_7	5821	6848	6490
ITBE_562C_7	6490	7626	7237
ITBE_563B_7	7754	9122	8650
ITBE_563C_7	8645	10170	9647
ITBE_564B_7	9714	11423	10837
ITBE_564C_7	10836	12734	12078

Air heat exchangers – Big Top

Accessories and options

Electrical options												
								Price				
Local safety switch wired												
Number of fans												
2								278				
3								417				
4								557				
Terminal box												
Number of fans												
2								222				
3								305				
4								353				
Fan motor												
						Article no.				Price		
Fan motor 400-460V/3ph - 50/60 Hz. Extra price for each fan						4/4p		6/6p		4/4p		6/6p
						STD		41101244		NEP		60
						60 Hz		41101274		290		-
Double insulated drip tray												
Number of fans								Aluminium pre-painted				
2								1029				
3								1234				
4								1543				
Number of fans								Stainless steel				
2								1337				
3								1603				
4								2004				
Coil treatment												
Series	Cataphoresis						Epoxy coated fins					
	ITR			ITB			ITR			ITB		
	B	C	E	B	C	E	B	C	E	B	C	E
Direct exp.												
Number of fans												
2	848	1132	1412	474	825	-	596	687	786	504	573	-
3	1272	1698	2118	712	1237	-	893	1031	1178	756	859	-
4	1695	2264	2823	949	1650	-	1192	1375	1572	1008	1145	-
Stainless steel casing												
								Price				
Number of fans												
2								2006				
3								2674				
4								3349				
FE connection												
Ref. connection in stainless steel kit with end terminal in Fe								354				



Fincoil FMP Prices

FMP/FMP(G)	Fan motor	CA Cu tubes and Al fins		Extra price	
		Fin spacing		Epoxy coated fins	AISI 304 Casing
Size		4 & 12	7 mm	Fin spacing (4 mm)	
201	1x450	3371	3283	256	-
211	1x450	3557	3445	267	-
221	2x450	3903	3753	289	-
202	2x450	5133	4995	345	-
212	2x450	5491	5266	378	-
231	1x630	5238	4988	400	-
222	2x500	6111	5811	423	-
213	3x450	6614	6276	478	-
223	3x500	7345	6920	567	-
232	2x630	7827	7264	623	-
224	4x500	9304	8742	723	-
233	3x630	10365	9628	790	-

- = Prices are given by request.

Extra price						
Size	SS	SS0	SSA	KK-SSA	Q	W
201	590	-	489	545	89	78
211	656	-	489	545	89	89
221	656	-	489	545	89	89
202	712	-	623	734	167	145
212	801	-	623	734	167	145
231	1057	-	489	545	89	89
222	968	-	623	734	167	145
213	1001	-	756	868	278	256
223	1235	-	756	868	278	256
232	1190	-	623	734	167	89
224	1635	-	890	1035	378	334
233	1391	-	756	1035	278	256

- = Prices are given by request.

SS = Electric defrost

SS0 = Electric defrost (cold rooms appr. 0°C)

SSA = Electric defrost in drip tray

KK-SSA = Hot gas defrost in coil and electric defrost in tray

Q = Safety switches

W = Fans wired to the air cooler end

Fincoil FK Prices

FK/FK(G)	Standard model	Extra price EUR		
	Fin spacing 8 mm	SS	L	SSA
FK(G)-260	354	96	122	95
FK(G)-280	363	99	122	95
FK(G)-2100	376	110	122	95
FK(G)-2120	377	116	122	95
FK(G)-460	415	175	122	95
FK(G)-480	433	181	122	95
FK(G)-4100	455	196	122	95
FK(G)-4120	502	211	122	95
FK(G)-4160	541	238	133	95
FK(G)-4200	654	261	145	95
FK(G)-4270	1054	310	167	122
FK(G)-560	449	166	122	95
FK(G)-580	469	172	122	95
FK(G)-5100	495	186	122	95
FK(G)-5120	540	200	122	95
FK(G)-5160	603	225	133	95
FK(G)-5200	717	248	145	95
FK(G)-5270	1172	294	167	122
FK(G)-8100	633	175	145	95
FK(G)-8120	669	187	145	95
FK(G)-8160	822	210	167	95
FK(G9-8200	961	232	178	95
FK(G)-8240	1346	285	234	106
FK(G)-8270	1444	275	234	122
FK(G)-8320	1729	342	311	122
FK(G)-8360	1972	344	345	133
FK(G)-8400	2142	531	367	156

SS = Electric defrost in coil

L = Flat drip tray

SSA = Electric defrost in drip tray

Alfa Laval Air Coolers standard models

Air heat exchangers – Air Coolers – standard models



Optigo CSE – standard models

Easy to order low-silhouette air coolers - article number based standard models.
Capacities 620 to 7830 Watt.

EC fans Noise level H		4 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSE	No. of fans	De- livery time	Article no.	Capacities		Coil surface (m ²)	Air flow (m³/h)	Air throw (m)	Power consumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSEH201B	1	1)	3289052250	1.3	0.9	2.8	517	5.7	33	43	7	0.4	580	12	12	401
CSEH202B	2	1)	3289052252	2.6	1.8	5.6	1034	8.0	66	46	14	0.8	1030	12	12	561
CSEH203B	3	1)	3289052254	4.0	2.8	8.4	1551	9.8	99	48	21	1.1	1480	12	14	751
CSEH301B	1	1)	3289052255	2.1	1.4	4.7	767	6.5	35	42	12	0.7	762	12	12	553
CSEH301C	1	1)	3289052256	2.5	1.7	7.0	671	5.7	35	42	12	1.1	762	12	12	621
CSEH302B	2	1)	3289052257	3.9	2.7	9.4	1533	9.2	70	45	16	1.3	1262	12	14	757
CSEH302C	2	1)	3289052258	5.0	3.4	14.0	1343	8.1	70	45	18	1.9	1262	16	16	811
CSEH303B	3	1)	3289052259	6.2	4.3	14.0	2300	11.3	105	47	21	1.8	1762	16	16	1001
CSEH303C	3	1)	3289052260	7.0	4.8	21.0	2014	9.9	105	47	24	2.7	1762	16	18	1059
CSEH304B	4	1)	3289052261	7.9	5.4	18.7	3066	13.1	140	48	27	2.4	2262	16	18	1267
CSEH304C	4	1)	3289052262	9.6	6.6	28.0	2686	11.4	140	48	26	3.5	2262	16	20	1331
CSEH305B	5	1)	3289052263	9.0	6.2	23.4	3833	14.6	175	49	32	2.9	2762	16	20	1522
CSEH305C	5	1)	3289052264	11.3	7.8	35.1	3357	12.8	175	49	35	4.4	2762	16	22	1569

1) Delivery time max. 5 days

Product denomination: CSE in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, E: direct expansion for H(C)FC, design pressure 40 bar.

Capacities: SC1: R404A/R507A, t₀ = 0 °C, DT1 = 10K. SC2: R404A/R507A, t₀ = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.

EC fans Noise level H		7 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSE	No. of fans	De- livery time	Article no.	Capacities		Coil surface (m ²)	Air flow (m³/h)	Air throw (m)	Power consumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSEH201B	1	2)	3289052265	1.0	0.7	1.7	562	6.2	33	43	7	0.4	580	12	12	401
CSEH202B	2	1)	3289052266	1.9	1.3	3.4	1123	8.7	66	46	14	0.8	1030	12	12	561
CSEH203B	3	1)	3289052267	2.9	2.0	5.1	1685	10.7	99	48	21	1.1	1480	12	14	744
CSEH301B	1	1)	3289052268	1.5	1.0	2.8	852	7.3	35	42	12	0.7	762	12	12	530
CSEH301C	1	2)	3289052269	2.0	1.3	4.2	767	6.5	35	42	12	1.1	762	12	12	580
CSEH302B	2	1)	3289052270	3.0	2.0	5.6	1705	10.3	70	45	16	1.3	1262	12	14	746
CSEH302C	2	1)	3289052271	4.0	2.7	8.5	1533	9.2	70	45	18	1.9	1262	16	16	797
CSEH303B	3	1)	3289052272	4.6	3.1	8.5	2557	12.6	105	47	21	1.8	1762	16	16	970
CSEH303C	3	1)	3289052273	5.8	3.9	12.7	2300	11.3	105	47	24	2.7	1762	16	18	1026
CSEH304B	4	1)	3289052274	6.0	4.1	11.3	3410	14.5	140	48	27	2.4	2262	16	18	1191
CSEH304C	4	1)	3289052275	7.8	5.3	16.9	3067	13.1	140	48	26	3.5	2262	16	20	1249
CSEH305B	5	1)	3289052276	7.2	4.9	14.1	4262	16.2	175	49	32	2.9	2762	16	20	1387
CSEH305C	5	1)	3289052277	9.4	6.4	21.1	3833	14.6	175	49	35	4.4	2762	16	22	1452

1) Delivery time max. 5 days

2) Delivery time <4 weeks

Product denomination: CSE in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, E: direct expansion for H(C)FC, design pressure 40 bar.

Capacities: SC1: R404A/R507A, t₀ = 0 °C, DT1 = 10K. SC2: R404A/R507A, t₀ = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.



Optigo CSE – standard models

Easy to order low-silhouette air coolers - article number based standard models.
Capacities 620 to 7830 Watt.

EC fans Noise level L		4 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSE	No. of fans	De- livery time	Article no.	Capacities		Coil sur- face (m ²)	Air flow (m³/h)	Air throw (m)	Power con- sumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSEL201B	1	1)	*	1.1	0.8	2.8	379	4.2	19	37	7	0.4	580	12	12	401
CSEL202B	2	1)	*	2.2	1.5	5.6	758	5.9	38	40	14	0.8	1030	12	12	561
CSEL203B	3	1)	*	3.4	2.3	8.4	1138	7.2	57	42	21	1.1	1480	12	14	751
CSEL301B	1	1)	*	1.7	1.2	4.7	533	4.5	17	33	12	0.7	762	12	12	553
CSEL301C	1	1)	*	2.0	1.3	7.0	471	4.0	17	33	12	1.1	762	12	12	621
CSEL302B	2	1)	*	3.2	2.2	9.4	1066	6.4	34	36	17	1.3	1262	12	14	757
CSEL302C	2	1)	*	3.9	2.7	14.0	942	5.7	34	36	18	1.9	1262	16	16	811
CSEL303B	3	1)	*	5.1	3.5	14.0	1599	7.9	51	38	22	1.8	1762	16	16	1001
CSEL303C	3	1)	*	5.7	3.9	21.0	1413	7.0	51	38	24	2.7	1762	16	18	1059
CSEL304B	4	1)	*	6.5	4.5	18.7	2133	9.1	68	39	28	2.4	2262	16	18	1267
CSEL304C	4	1)	*	7.7	5.3	28.1	1885	8.0	68	39	30	3.5	2262	16	20	1331
CSEL305B	5	1)	*	7.7	5.3	23.4	2666	10.2	85	40	33	2.9	2762	16	20	1522
CSEL305C	5	1)	*	9.2	6.4	35.1	2356	9.0	85	40	36	4.4	2762	16	22	1569

1) Delivery time max. 5 days

Product denomination: CSE in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, E: direct expansion for H(C)FC, design pressure 40 bar.

Capacities: SC1: R404A/R507A, t₀ = 0 °C, DT1 = 10K. SC2: R404A/R507A, t₀ = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.

* For noise level L choose an H version on previous page and connect it according to user manual for L duty.

EC fans Noise level L		7 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSE	No. of fans	De- livery time	Article no.	Capacities		Coil sur- face (m ²)	Air flow (m³/h)	Air throw (m)	Power con- sumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSEL201B	1	2)	*	0.8	0.6	1.7	414	4.6	19	37	7	0.4	580	12	12	401
CSEL202B	2	1)	*	1.6	1.1	3.4	829	6.4	38	40	14	0.8	1030	12	12	561
CSEL203B	3	1)	*	2.5	1.7	5.1	1243	7.9	57	42	21	1.1	1480	12	14	744
CSEL301B	1	1)	*	1.2	0.9	2.8	590	5.0	17	33	12	0.7	762	12	12	530
CSEL301C	1	2)	*	1.6	1.1	4.2	537	4.6	17	33	12	1.1	762	12	12	580
CSEL302B	2	1)	*	2.4	1.7	5.6	1180	7.1	34	36	17	1.3	1262	12	14	746
CSEL302C	2	1)	*	3.2	2.2	8.5	1073	6.5	34	36	18	1.9	1262	16	16	797
CSEL303B	3	1)	*	3.7	2.6	8.5	1770	8.7	51	38	22	1.8	1762	16	16	970
CSEL303C	3	1)	*	4.7	3.2	12.7	1610	7.9	51	38	24	2.7	1762	16	18	1026
CSEL304B	4	1)	*	4.9	3.4	11.3	2360	10.1	68	39	28	2.4	2262	16	18	1191
CSEL304C	4	1)	*	6.3	4.3	16.9	2146	9.1	68	39	30	3.5	2262	16	20	1249
CSEL305B	5	1)	*	6.0	4.1	14.1	2951	11.2	85	40	33	2.9	2762	16	20	1387
CSEL305C	5	1)	*	7.7	5.3	21.1	2683	10.2	85	40	36	4.4	2762	16	22	1452

1) Delivery time max. 5 days

2) Delivery time <4 weeks

Product denomination: CSE in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, E: direct expansion for H(C)FC, design pressure 40 bar.

Capacities: SC1: R404A/R507A, t₀ = 0 °C, DT1 = 10K. SC2: R404A/R507A, t₀ = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.

* For noise level L choose an H version on previous page and connect it according to user manual for L duty.

Air heat exchangers – Air Coolers – standard models



Optigo CSX Design pressure 80 bar – standard models

Easy to order low-silhouette air coolers - article number based standard models.
Capacities 620 to 7830 Watt.

EC fans Noise level H		4 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSX	No. of fans	De-livery time	Article no.	Capacities		Coil surface (m ²)	Air flow (m³/h)	Air throw (m)	Power consumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSXH201B	1	2)	3289058934	1.3	0.9	2.8	517	5.7	33	43	7	0.4	580	12	12	603
CSXH202B	2	2)	3289054095	2.6	1.8	5.6	1034	8.0	66	46	14	0.6	1030	12	12	865
CSXH203B	3	2)	3289065983	3.8	2.6	8.4	1551	9.8	99	48	21	0.9	1480	12	12	1166
CSXH301B	1	2)	3289054503	2.1	1.4	4.7	767	6.5	35	42	12	0.6	762	12	12	786
CSXH301C	1	2)	3289054505	2.5	1.7	7.0	671	5.7	35	42	12	0.9	762	12	12	835
CSXH302B	2	2)	3289054105	4.2	2.8	9.4	1533	9.2	70	45	16	1.1	1262	12	14	1080
CSXH302C	2	2)	3289054501	4.9	3.4	14.0	1343	8.1	70	45	18	1.6	1262	12	14	1167
CSXH303B	3	2)	3289053650	6.1	4.2	14.0	2300	11.3	105	47	21	1.5	1762	12	14	1414
CSXH303C	3	2)	3289065403	7.4	5.1	21.1	2014	9.9	105	47	24	2.3	1762	12	14	1533
CSXH304B	4	2)	3289065984	8.2	5.6	18.7	3066	13.1	140	48	27	2.0	2262	12	14	1717
CSXH304C	4	2)	3289065985	10.0	6.9	28.1	2686	11.4	140	48	29	3.0	2262	12	14	1917
CSXH305B	5	2)	3289058936	10.4	7.1	23.4	3833	14.6	175	49	32	2.4	2762	12	14	2035
CSXH305C	5	2)	3289057356	12.4	8.5	35.0	3357	12.8	175	49	35	3.7	2762	12	14	2269

2) Delivery time <4 weeks

Product denomination: CSX in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, X: direct expansion for CO2, design pressure 80 bar.

Capacities: SC1: R744, t0 = 0 °C, DT1 = 10K. SC2: R744, t0 = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.

EC fans Noise level H		7 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSX	No. of fans	De-livery time	Article no.	Capacities		Coil surface (m²)	Air flow (m³/h)	Air throw (m)	Power consumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSXH201B	1	2)	3289055465	1.0	0.7	1.7	562	6.2	33	43	7	0.4	580	12	12	600
CSXH202B	2	2)	3289056195	1.9	1.3	3.4	1123	8.7	66	46	14	0.6	1030	12	12	857
CSXH203B	3	2)	3289054150	2.9	1.9	5.1	1685	10.7	99	48	21	0.9	1480	12	12	1148
CSXH301B	1	2)	3289057503	1.5	1.0	2.8	852	7.3	35	42	12	0.6	762	12	12	782
CSXH301C	1	2)	3289053728	2.0	1.4	4.2	767	6.5	35	42	12	0.9	762	12	12	824
CSXH302B	2	2)	3289053807	3.1	2.1	5.6	1705	10.3	70	45	16	1.1	1262	12	14	1053
CSXH302C	2	2)	3289053754	3.9	2.7	8.5	1533	9.2	70	45	18	1.6	1262	12	14	1172
CSXH303B	3	2)	3289053664	4.6	3.1	8.5	2557	12.6	105	47	21	1.5	1762	12	14	1403
CSXH303C	3	2)	3289053757	5.9	4.0	12.7	2300	11.3	105	47	24	2.3	1762	12	14	1515
CSXH304B	4	2)	3289065986	6.2	4.2	11.3	3410	14.5	140	48	27	2.0	2262	12	14	1703
CSXH304C	4	2)	3289053758	8.0	5.4	16.9	3067	13.1	140	48	29	3.0	2262	12	14	1896
CSXH305B	5	2)	3289065987	7.8	5.2	14.1	4262	16.2	175	49	32	2.4	2762	12	14	2018
CSXH305C	5	2)	3289054215	9.9	6.7	21.1	3833	14.6	175	49	35	3.7	2762	12	14	2243

2) Delivery time <4 weeks

Product denomination: CSX in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, X: direct expansion for CO2, design pressure 80 bar.

Capacities: SC1: R744, t0 = 0 °C, DT1 = 10K. SC2: R744, t0 = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.



Optigo CSX Design pressure 80 bar – standard models

Easy to order low-silhouette air coolers - article number based standard models.
Capacities 620 to 7830 Watt.

EC fans Noise level L		4 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSX	No. of fans	De- livery time	Article no.	Capacities		Coil sur- face (m²)	Air flow (m³/h)	Air throw (m)	Power con- sumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSXL201B	1	2)	*	1.1	0.8	2.8	379	4.2	19	37	7	0.4	580	12	12	603
CSXL202B	2	2)	*	2.2	1.5	5.6	758	5.9	38	40	14	0.6	1030	12	12	865
CSXL203B	3	2)	*	3.2	2.2	8.4	1138	7.2	57	42	21	0.9	1480	12	12	1166
CSXL301B	1	2)	*	1.7	1.2	4.7	533	4.5	17	33	12	0.6	762	12	12	786
CSXL301C	1	2)	*	2.0	1.4	7.0	471	4.0	17	33	12	0.9	762	12	12	835
CSXL302B	2	2)	*	3.4	2.3	9.4	1066	6.4	34	36	16	1.1	1262	12	14	1080
CSXL302C	2	2)	*	3.9	2.7	14.0	942	5.7	34	36	18	1.6	1262	12	14	1167
CSXL303B	3	2)	*	5.0	3.4	14.0	1599	7.9	51	38	21	1.5	1762	12	14	1414
CSXL303C	3	2)	*	5.8	4.0	21.1	1413	7.0	51	38	24	2.3	1762	12	14	1533
CSXL304B	4	2)	*	6.7	4.6	18.7	2133	9.1	68	39	27	2.0	2262	12	14	1717
CSXL304C	4	2)	*	7.9	5.4	28.1	1885	8.0	68	39	29	3.0	2262	12	14	1917
CSXL305B	5	2)	*	8.4	5.8	23.4	2666	10.2	85	40	32	2.4	2762	12	14	2035
CSXL305C	5	2)	*	9.8	6.7	35.0	2356	9.0	85	40	35	3.7	2762	12	14	2269

2) Delivery time <4 weeks

Product denomination: CSX in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, X: direct expansion for CO₂, design pressure 80 bar.

Capacities: SC1: R744, t₀ = 0 °C, DT1 = 10K. SC2: R744, t₀ = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.

* For noise level L choose an H version on previous page and connect it according to user manual for L duty.

EC fans Noise level L		7 mm Fin spacing							EC fan 230V/1/50-60Hz				Dimensions (mm)			Price
Cooler model CSX	No. of fans	De- livery time	Article no.	Capacities		Coil surface (m ²)	Air flow (m ³ /h)	Air throw (m)	Power consumption (W)	Sound pressure (dBa)	Weight (kg)	Internal volume (L)	Length	Connections		
				SC1 (kW)	SC2 (kW)									Inlet Ø	Suction Ø	
CSXL201B	1	2)	*	0.8	0.6	1.7	414	4.6	19	37	7	0.4	580	12	12	600
CSXL202B	2	2)	*	1.6	1.1	3.4	829	6.4	38	40	14	0.6	1030	12	12	857
CSXL203B	3	2)	*	2.4	1.6	5.1	1243	7.9	57	42	21	0.9	1480	12	12	1148
CSXL301B	1	2)	*	1.3	0.9	2.8	590	5.0	17	33	12	0.6	762	12	12	782
CSXL301C	1	2)	*	1.6	1.1	4.2	537	4.6	17	33	12	0.9	762	12	12	824
CSXL302B	2	2)	*	2.5	1.7	5.6	1180	7.1	34	36	16	1.1	1262	12	14	1053
CSXL302C	2	2)	*	3.2	2.2	8.5	1073	6.5	34	36	18	1.6	1262	12	14	1172
CSXL303B	3	2)	*	3.7	2.5	8.5	1770	8.7	51	38	21	1.5	1762	12	14	1403
CSXL303C	3	2)	*	4.7	3.2	12.7	1610	7.9	51	38	24	2.3	1762	12	14	1515
CSXL304B	4	2)	*	5.0	3.4	11.3	2360	10.1	68	39	27	2.0	2262	12	14	1703
CSXL304C	4	2)	*	6.4	4.3	16.9	2146	9.1	68	39	29	3.0	2262	12	14	1896
CSXL305B	5	2)	*	6.3	4.3	14.1	2951	11.2	85	40	32	2.4	2762	12	14	2018
CSXL305C	5	2)	*	7.9	5.4	21.1	2683	10.2	85	40	35	3.7	2762	12	14	2243

2) Delivery time <4 weeks

Product denomination: CSX in combination with the Optigo range name stands for CS: Commercial air cooler – slim line, X: direct expansion for CO₂, design pressure 80 bar.

Capacities: SC1: R744, t₀ = 0 °C, DT1 = 10K. SC2: R744, t₀ = -8 °C, DT1 = 8K, lightly frosted coil.

Sound pressure values according to EN 13487 Lp(A) at 3 m.

Data in this table is subject to periodical updates, please check latest version on www.alfalaval.com/refrigeration.

* For noise level L choose an H version on previous page and connect it according to user manual for L duty.

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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