

Heavy Duty Evaporators





-20 °C and +3 °C, Dual Purpose storage room



+3 °C Ante room



Dual air discharge units. 16 °C Processing room

Contents

Double Fin Spacing series:

Applicable for all HFC refrigerants

- EKA1. 8.4/4.2 mm Application -40°C to +26°C room temperature
- EKL1. 12 / 6 mm Application -45°C to +0°C room temperature
- EKX1. 16 / 8 mm Application -45°C to +0°C room temperature
- EDA. 8.4/4.2 mm Application -30°C to +26°C room temperature
- ELP. 8.4/4.2 mm Application -30°C to +26°C room temperature

Single fin spacing

- EKC1. 4.2 mm Application -10°C to +26°C room temperature

Dimension drawings

On request

Accessories

Product nomenclature

E KA1 050 3 5 E V

Voltage code:

V1: 230V 1ph 50/60Hz

V2: 230V 1ph 50Hz;

V3: 400V 3ph 50Hz

V4: 480V 3ph 60Hz;

V5: 230V 3ph 60Hz

Electrical Defrost, Air Defrost, Hot gas Defrost

Coil module code

No. of fans

Fan diameter code

KA1 High performance evaporator

KL1 Low temperature evaporator

KX1 Extra low temperature evaporator

LP Low-profile evaporator

DA Dual air flow evaporator

KC1 Medium and high temperature evaporator

EKA-KOOL Heat Exchanger series

Optional upon request:

DT: Double drain tray

WD: Water defrost

BF: Epoxy coated Blue fin

Kx: Klixon. Defrost safety device

CF: Copper fin

SS: Stainless steel, 304, casing and drain tray

Capacity Kw EKA1 Evaporator

Double fin spacing 8.4/4.2mm

Model	Freezer ² Troom -20C 7TD	Chiller ² Troom +3C 8TD	AirCon ² Troom +20C 15TD	Surface m2	Tube Volume l	AirFlow m3/hr	Athrow m	Fan qty	Fan Blade dia. mm	Voltage code	Fan speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EKA1.025-13	0,87	1,21	2,3	5,2	1,5	930	4,2	1	250	V1	2130	105	0,51	2 x 0.48	52
EKA1.025-14	1,15	1,63	3,36	7,3	2	910	4	1	250	V1	2130	105	0,51	2 x 0.48	52
EKA1.025-15	1,26	1,78	3,56	8,3	2,5	890	3,9	1	250	V1	2130	105	0,51	3 x 0.48	52
EKA1.025-23	1,72	2,32	4,6	10,3	2,7	1860	5,7	2	250	V1	2130	105	0,51	2 x 0.96	53
EKA1.025-24	2,36	3,3	6,5	14,3	3,9	1830	5,5	2	250	V1	2130	105	0,51	2 x 0.96	53
EKA1.025-25	2,6	3,7	7,7	16,7	5,1	1800	5,3	2	250	V1	2130	105	0,51	3 x 0.96	53
EKA1.030-13	1,5	2,22	4	8,6	2,5	1670	6	1	300	V1	1390	82	0,38	3 x 0.6	55
EKA1.030-14	2,01	2,7	5,2	11,9	3,3	1630	5,8	1	300	V1	1390	82	0,38	3 x 0.6	55
EKA1.030-15	2,3	3,03	6,2	13,8	4,1	1600	5,5	1	300	V1	1390	82	0,38	4 x 0.6	55
EKA1.030-16	2,6	3,6	6,9	17,5	4,7	1570	5	1	300	V1	1390	82	0,38	4 x 0.6	55
EKA1.030-23	3,1	4,32	8,8	17,4	5,2	3250	8,1	2	300	V1	1390	82	0,38	3 x 1.2	57
EKA1.030-24	4	5,5	11,3	23,9	6,5	3260	8	2	300	V1	1390	82	0,38	3 x 1.2	57
EKA1.030-25	4,6	6,42	13,4	27,7	8,3	3200	7,8	2	300	V1	1390	82	0,38	4 x 1.2	57
EKA1.030-26	5,2	7,3	14,1	34,9	9,5	3140	7	2	300	V1	1390	82	0,38	4 x 1.2	57
EKA1.030-34	5,7	8,1	16,1	33,2	8,9	4890	11	3	300	V1	1390	82	0,38	3 x 1.7	59
EKA1.030-35	6,6	9,2	18,3	38,8	11,1	4800	10,5	3	300	V1	1390	82	0,38	4 x 1.7	59
EKA1.030-36	7,6	10,5	21,1	48,3	13,3	4710	9,9	3	300	V1	1390	82	0,38	4 x 1.7	59
EKA1.030-45	9,12	12,8	25,8	58,3	16,7	6400	12,5	4	300	V1	1390	82	0,38	4 x 2.5	60
EKA1.030-46	10,8	14,8	29,8	72,5	20,1	6280	11,6	4	300	V1	1390	82	0,38	4 x 2.5	60
EKA1.040-14	3,67	5,1	10,3	22,3	6,1	3230	12	1	400	V2	1390	248	1,19	4 x 0.84	59
EKA1.040-14	3,7	5,2	10,4	22,3	6,1	3270	12,1	1	400	V3	1380	210	0,45	4 x 0.84	59
EKA1.040-15	4,4	5,9	12	25,8	7,6	3180	11,6	1	400	V2	1390	248	1,19	4 x 0.84	59
EKA1.040-15	4,43	5,9	12,1	25,8	7,6	3210	11,7	1	400	V3	1380	210	0,45	4 x 0.84	59
EKA1.040-16	5	6,9	14	32,2	9,1	3090	11	1	400	V2	1390	248	1,19	5 x 0.84	59
EKA1.040-16	5,1	7	14,1	32,2	9,1	3150	11,1	1	400	V3	1380	210	0,45	5 x 0.84	59
EKA1.040-24	7,4	10,8	21,3	45	11,9	6320	15	2	400	V2	1390	248	1,19	4 x 1.7	62
EKA1.040-24	7,5	10,7	21,4	45	11,9	6500	15,1	2	400	V3	1380	210	0,45	4 x 1.7	62
EKA1.040-25	8,9	12	24,1	51,8	15,1	6220	14,8	2	400	V2	1390	248	1,19	4 x 1.7	62
EKA1.040-25	8,91	12,1	24,2	51,8	15,1	6420	14,9	2	400	V3	1380	210	0,45	4 x 1.7	62
EKA1.040-26	10,1	14,2	28,1	64,1	18,6	6100	14	2	400	V2	1390	248	1,19	5 x 1.7	62
EKA1.040-26	10,2	14,3	28,2	64,1	18,6	6300	14,1	2	400	V3	1380	210	0,45	5 x 1.7	62
EKA1.040-34	11,7	16,3	32,8	66,9	17,9	9480	17	3	400	V2	1390	248	1,19	4 x 2.5	64
EKA1.040-34	11,7	16,4	32,9	66,9	17,9	9750	17,1	3	400	V3	1380	210	0,45	4 x 2.5	64
EKA1.040-35	13,2	18,2	36,8	77,2	22,6	9330	16,5	3	400	V2	1390	248	1,19	4 x 2.5	64
EKA1.040-35	13,3	18,3	36,9	77,2	22,6	9630	16,6	3	400	V3	1380	210	0,45	4 x 2.5	64
EKA1.040-36	15,2	21,2	42,3	96,2	27,1	9150	16	3	400	V2	1390	248	1,19	5 x 2.5	64
EKA1.040-36	15,3	21,3	42,3	96,2	27,1	9450	16,1	3	400	V3	1380	210	0,45	5 x 2.5	64
EKA1.040-45	16,7	23,8	47,6	99,6	28,9	12690	19,9	4	400	V2	1390	248	1,19	4 x 3.2	64
EKA1.040-45	16,8	23,8	47,6	99,6	28,9	12800	20	4	400	V3	1380	210	0,45	4 x 3.2	64
EKA1.040-46	19,9	27,6	55,5	123,7	34,5	12300	19,6	4	400	V2	1390	251	1,21	5 x 3.2	65
EKA1.040-46	20	27,7	55,5	123,7	34,5	12600	19,7	4	400	V3	1380	210	0,45	5 x 3.2	65

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35°C amb temp

³ Operating power input

Dimension table EKA1

Model	H	W	M	L	E1	E2	Pipe Connection		Weight kg	Drain	A
							Liquid	Suction			
EKA1.025-13	360	450	345	650	425	N/A	12.7mm (1/2")	12.7mm (1/2")	11	3/4"	250
EKA1.025-14	360	450	345	650	425	N/A	12.7mm (1/2")	12.7mm (1/2")	12	3/4"	250
EKA1.025-15	360	450	345	650	425	N/A	12.7mm (1/2")	12.7mm (1/2")	13	3/4"	250
EKA1.025-23	360	450	345	1050	825	N/A	12.7mm (1/2")	15.8mm (5/8")	19	3/4"	250
EKA1.025-24	360	450	345	1050	825	N/A	12.7mm (1/2")	15.8mm (5/8")	21	3/4"	250
EKA1.025-25	360	450	345	1050	825	N/A	12.7mm (1/2")	19.1mm (3/4")	24	3/4"	250
EKA1.030-13	475	430	320	760	525	N/A	12.7mm (1/2")	12.7mm (1/2")	16	3/4"	300
EKA1.030-14	475	430	320	760	525	N/A	12.7mm (1/2")	15.8mm (5/8")	17	3/4"	300
EKA1.030-15	480	475	390	760	525	N/A	12.7mm (1/2")	15.8mm (5/8")	19	3/4"	300
EKA1.030-16	480	475	390	760	525	N/A	12.7mm (1/2")	19.1mm (3/4")	23	3/4"	300
EKA1.030-23	480	430	320	1270	1025	N/A	12.7mm (1/2")	19.1mm (3/4")	34	3/4"	350
EKA1.030-24	480	475	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	35	3/4"	350
EKA1.030-25	480	475	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	36	3/4"	350
EKA1.030-26	480	475	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	38	3/4"	350
EKA1.030-34	480	475	390	1670	1425	N/A	12.7mm (1/2")	22.2mm (7/8")	48	1"	400
EKA1.030-35	480	475	390	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	51	1"	400
EKA1.030-36	480	475	390	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	58	1"	400
EKA1.030-45	480	480	390	2370	1050	1075	15.8mm (5/8")	28.5mm (1 1/8")	92	1"	450
EKA1.030-46	480	480	390	2370	1050	1075	15.8mm (5/8")	28.5mm (1 1/8")	101	1"	450
EKA1.040-14	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	32	1"	450
EKA1.040-14	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	32	1"	450
EKA1.040-15	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	35	1"	450
EKA1.040-15	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	35	1"	450
EKA1.040-16	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	39	1"	450
EKA1.040-16	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	39	1"	450
EKA1.040-24	620	560	445	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	57	1"	450
EKA1.040-24	620	560	445	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	57	1"	450
EKA1.040-25	620	560	445	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	65	1"	450
EKA1.040-25	620	560	445	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	65	1"	450
EKA1.040-26	620	560	445	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	73	1"	450
EKA1.040-26	620	560	445	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	73	1"	450
EKA1.040-34	620	560	445	2380	700	725	15.8mm (5/8")	28.5mm (1 1/8")	99	1"	450
EKA1.040-34	620	560	445	2380	700	725	15.8mm (5/8")	28.5mm (1 1/8")	99	1"	450
EKA1.040-35	620	560	445	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	106	1"	450
EKA1.040-35	620	560	445	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	106	1"	450
EKA1.040-36	620	560	445	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	111	1"	450
EKA1.040-36	620	560	445	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	111	1"	450
EKA1.040-45	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	122	1.1/4"	500
EKA1.040-45	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	122	1.1/4"	500
EKA1.040-46	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	131	1.1/4"	500
EKA1.040-46	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	131	1.1/4"	500

A1: Minimum distance between the wall and the fins air inlet for efficient air flow

Capacity Kw EKA1 Evaporator cont.

Double fin spacing 8.4/4.2mm

Model	Freezer ² Troom -20C 7TD	Chiller ² Troom +3C 8TD	AirCon ² Troom +20C 15TD	Surface m2	Tube Volume l	AirFlow m3/hr	Athrow m	Fan qty	Fan Blade dia. mm	Voltage code	Fan speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EKA1.050-14	8	10,9	22,5	42,8	11,9	7030	24	1	500	V3	1370	700	1,3	5 x 1.1	70
EKA1.050-15	8,9	12,4	24,8	50,5	14,8	6850	24	1	500	V3	1370	700	1,3	5 x 1.1	70
EKA1.050-16	10,5	14,6	28,5	62,9	17,3	6690	23	1	500	V3	1370	700	1,3	6 x 1.1	70
EKA1.050-17	10,9	14,9	30,7	67,8	18,8	6610	22	1	500	V3	1370	700	1,3	9 x 1.1	70
EKA1.050-18	11,7	16,2	32,9	80,1	23,2	6550	22	1	500	V3	1370	700	1,3	9 x 1.1	70
EKA1.050-24	15,6	21,9	43,5	85,6	23,3	14070	26	2	500	V3	1370	700	1,3	5 x 2.2	72
EKA1.050-25	18	24,7	50	99,3	29,2	13720	26	2	500	V3	1370	700	1,3	5 x 2.2	72
EKA1.050-26	21,2	28,3	56,8	123,7	38,5	13370	25	2	500	V3	1370	700	1,3	6 x 2.2	72
EKA1.050-28	24,3	33,2	66,6	161	47,8	13190	24	2	500	V3	1370	700	1,3	9 x 2.2	72
EKA1.050-34	24,7	34,7	70,1	128,5	36,5	21540	27	3	500	V3	1370	700	1,3	5 x 3.2	73
EKA1.050-35	27,5	37,3	75,6	148,3	45,7	20930	27	3	500	V3	1370	700	1,3	5 x 3.2	73
EKA1.050-36	31,8	43,1	86,8	186	54,3	20270	26	3	500	V3	1370	700	1,3	6 x 3.2	73
EKA1.050-45	33,1	45,7	94,1	170,3	51,3	27010	29	4	500	V3	1370	700	1,3	5 x 3.7	74
EKA1.050-46	38,5	53,1	109	212,9	60,7	26690	28	4	500	V3	1370	700	1,3	6 x 3.7	74
EKA1.063-15	20,5	25,7	49	166	35,2	14700	25	1	630	V3	1370	1760	1,8	10 x 1.7	73
EKA1.063-16	22,6	29,8	59	209	42,6	14500	24	1	630	V3	1370	1760	1,8	10 x 1.7	73
EKA1.063-17	24,2	31,9	65,2	229	50,6	14450	22	1	630	V3	1370	1760	1,9	11 x 1.7	73
EKA1.063-18	26	34,7	68	270	57,5	14200	22	1	630	V3	1370	1780	1,9	11 x 1.7	73
EKA1.063-24	35,5	45,5	91	287	55	29700	27	2	630	V3	1370	1760	1,8	10 x 3.2	74
EKA1.063-25	40,1	51,5	102	332	69,9	29400	27	2	630	V3	1370	1760	1,8	10 x 3.2	74
EKA1.063-26	45,5	59,6	118	418	83,8	29000	26	2	630	V3	1370	1760	1,8	10 x 3.2	74
EKA1.063-34	53,3	68	136	430	83,9	44550	28	3	630	V3	1370	1760	1,8	10 x 5.7	75
EKA1.063-35	0	78,8	154,3	499	105	44100	27	3	630	V3	1370	1760	1,8	10 x 5.7	75
EKA1.063-36	0	91,5	179	599	125	43800	26	3	630	V3	1370	1760	1,8	10 x 5.7	75
EKA1.080-15	26,7	34,6	69,9	223	50,8	21800	30	1	800	V3	890	1350	3,9	12 x 1.9	75
EKA1.080-16	31,5	40,7	83,3	279	60,7	21500	29	1	800	V3	890	1350	3,9	12 x 1.9	75
EKA1.080-18	35	49,8	99,2	361	86,9	21100	27	1	800	V3	870	1390	4	16 x 1.9	75
EKA1.080-24	48	61,5	129	388	80,7	43600	37	2	800	V3	890	1350	3,9	9 x 3.8	76
EKA1.080-25	55,2	70,1	143	445	102,2	43000	36	2	800	V3	890	1350	3,9	12 x 3.8	76
EKA1.080-26	63	80,9	167	559	121,2	42700	34	2	800	V3	890	1350	3,9	12 x 3.8	76
EKA1.080-28	71,8	97,6	197,9	721	161,1	42300	31	2	800	V3	870	1390	4	16 x 3.8	76
EKA1.080-34	72	93,1	193	581	120,7	65100	38	3	800	V3	890	1350	3,9	9 x 5.7	77
EKA1.080-35	78	106,6	215	665	148,2	63900	37	3	800	V3	890	1350	3,9	12 x 5.7	77
EKA1.080-36	90,5	124,5	251	837	181,6	63500	34,5	3	800	V3	890	1350	3,9	12 x 5.7	77
EKA1.080-38	105,7	146,5	302	1082	239,2	63100	32	3	800	V3	870	1390	4	16 x 5.7	77

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35°C amb temp

³ Operating power input

Dimension table EKA1

Model	H	W	M	L	E1	E2	Pipe connection		Weight kg	Drain	A
							Liquid	Suction			
EKA1.050-14	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	67	1"	500
EKA1.050-15	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	71	1"	500
EKA1.050-16	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	75	1"	500
EKA1.050-17	900	680	568	1260	925	N/A	15.8mm (5/8")	35mm (1 3/8")	82	1.1/4"	500
EKA1.050-18	900	680	568	1260	925	N/A	15.8mm (5/8")	35mm (1 3/8")	86	1.1/4"	500
EKA1.050-24	900	600	492	2170	900	925	15.8mm (5/8")	35mm (1 3/8")	136	1.1/4"	750
EKA1.050-25	900	600	492	2170	900	925	15.8mm (5/8")	41.2mm (1 5/8")	141	1.1/4"	750
EKA1.050-26	900	600	492	2170	900	925	22.2mm (7/8")	41.2mm (1 5/8")	163	1.1/4"	750
EKA1.050-28	900	680	568	2170	900	925	22.2mm (7/8")	54mm (2 1/8")	178	1.1/4"	750
EKA1.050-34	900	600	492	3070	900	925	22.2mm (7/8")	41.2mm (1 5/8")	171	1.1/4"	750
EKA1.050-35	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	180	1.1/4"	750
EKA1.050-36	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	196	1.1/4"	750
EKA1.050-45	900	600	492	3470	781	781	22.2mm (7/8")	54mm (2 1/8")	242	1.1/4"	750
EKA1.050-46	900	600	492	3470	781	781	22.2mm (7/8")	54mm (2 1/8")	253	1.1/4"	750
EKA1.063-15	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 28.5mm (1.1/8")	220	1.1/4"	800
EKA1.063-16	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	250	1.1/4"	800
EKA1.063-17	1310	1080	905	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	280	1.1/4"	800
EKA1.063-18	1310	1080	905	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	310	1.1/4"	800
EKA1.063-24	1310	980	805	3380	1500	1530	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	410	2"	800
EKA1.063-25	1310	980	805	3380	1500	1530	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	435	2"	800
EKA1.063-26	1310	980	805	3380	1500	1530	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	490	2"	800
EKA1.063-34	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	600	2"	800
EKA1.063-35	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	650	2"	800
EKA1.063-36	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	700	2"	800
EKA1.080-15	1690	820	720	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 41.2mm (1 5/8")	305	1.1/4"	900
EKA1.080-16	1690	820	720	1870	1530	N/A	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	340	1.1/4"	900
EKA1.080-18	1690	920	820	1870	1530	N/A	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	395	1.1/4"	900
EKA1.080-24	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	570	2"	900
EKA1.080-25	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	610	2"	900
EKA1.080-26	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	650	2"	900
EKA1.080-28	1690	920	820	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	750	2"	900
EKA1.080-34	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	830	2"	1000
EKA1.080-35	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2 .5/8")	900	2"	1000
EKA1.080-36	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2 .5/8")	970	2"	1000
EKA1.080-38	1690	920	820	4900	1500	1530	2 x 28.5mm (1.1/8")	2 x 63mm (2 .5/8")	1120	2"	1000

A¹: Minimum distance between the wall and the fins air inlet for efficient air flow

Capacity Kw EKL1 Evaporator

Double fin spacing 12/6 mm

Model	Freezer ¹ Troom -20C 7TD	Chiller ² Troom +3C 8TD	Surface m2	Tube/Volume l	AirFlow m3/hr	Athrow m	Fan qty	Fan Blade dia. mm	Voltage code	Fan speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EKL1.025-15	1,1	1,5	8,0	2,5	900	4	1	250	V1	2130	105	0,5	3 x 0.48	52
EKL1.025-25	2,2	3,0	11,9	5,1	1830	5	2	250	V1	2130	105	0,5	3 x 0.96	53
EKL1.030-15	1,9	2,5	10,1	4,1	1650	6	1	300	V1	1390	82	0,4	4 x 0.6	55
EKL1.030-16	2,2	3,0	12,6	4,7	1610	6	1	300	V1	1390	82	0,4	4 x 0.6	55
EKL1.030-24	3,4	4,5	17,3	6,5	3260	8	2	300	V1	1390	82	0,4	4 x 1.2	57
EKL1.030-25	3,7	5,0	20,3	8,3	3250	8	2	300	V1	1390	82	0,4	4 x 1.2	57
EKL1.030-26	4,4	6,0	25,1	9,5	3160	7	2	300	V1	1390	82	0,4	4 x 1.2	57
EKL1.030-35	5,6	7,5	28,5	11,7	4870	11	3	300	V1	1390	82	0,4	4 x 1.7	59
EKL1.030-36	6,4	8,7	35,2	14,0	4790	10	3	300	V1	1390	82	0,4	4 x 1.7	59
EKL1.030-46	8,9	12,1	52,7	21,1	6280	12	4	300	V1	1390	82	0,4	4 x 2.5	59
EKL1.040-15	3,6	4,8	18,6	7,6	3260	12	1	400	V2	1390	248	1,2	4 x 0.84	59
EKL1.040-15	3,6	4,8	18,6	7,6	3260	12	1	400	V3	1380	210	0,5	4 x 0.84	59
EKL1.040-16	4,3	5,8	23,1	9,1	3180	12	1	400	V2	1390	248	1,2	5 x 0.84	59
EKL1.040-16	4,3	5,8	23,1	9,1	3180	12	1	400	V3	1380	210	0,5	5 x 0.84	59
EKL1.040-25	7,2	9,7	37,6	15,1	6520	16	2	400	V2	1390	248	1,2	4 x 1.7	62
EKL1.040-25	7,2	9,7	37,6	15,1	6520	16	2	400	V3	1380	210	0,5	4 x 1.7	62
EKL1.040-26	8,6	11,6	46,2	18,6	6380	15	2	400	V2	1390	248	1,2	5 x 1.7	62
EKL1.040-26	8,6	11,6	46,2	18,6	6380	15	2	400	V3	1380	210	0,5	5 x 1.7	62
EKL1.040-35	11,1	14,8	56,7	23,1	9710	18	3	400	V2	1390	248	1,2	4 x 2.5	64
EKL1.040-35	11,1	14,8	56,7	23,1	9710	18	3	400	V3	1380	210	0,5	4 x 2.5	64
EKL1.040-36	12,8	17,3	69,8	27,2	9510	17	3	400	V2	1390	248	1,2	5 x 2.5	64
EKL1.040-36	12,8	17,3	69,8	27,2	9510	17	3	400	V3	1380	210	0,5	5 x 2.5	64
EKL1.040-45	13,8	19,7	73,0	28,9	12900	21	4	400	V2	1390	248	1,2	4 x 3.2	64
EKL1.040-45	13,8	19,7	73,0	28,9	12900	21	4	400	V3	1380	210	0,5	4 x 3.2	64
EKL1.040-46	16,6	22,5	90,5	34,9	12800	20	4	400	V2	1390	248	1,2	5 x 3.2	65
EKL1.040-46	16,6	22,5	90,5	34,9	12800	20	4	400	V3	1380	210	0,5	5 x 3.2	65
EKL1.050-15	7,7	10,2	36,3	14,8	6890	24	1	500	V3	1370	700	1,3	6 x 1.1	70
EKL1.050-16	8,4	11,7	44,8	17,3	6730	23	1	500	V3	1370	700	1,3	6 x 1.1	70
EKL1.050-17	9,0	12,3	49,3	18,8	6650	22	1	500	V3	1370	700	1,3	9 x 1.1	70
EKL1.050-18	9,9	13,8	58,3	23,2	6650	23	1	500	V3	1370	700	1,3	9 x 1.1	70
EKL1.050-25	15,8	21,8	71,8	29,2	14100	27	2	500	V3	1375	690	1,3	5 x 2.2	72
EKL1.050-26	17,9	23,8	89,2	38,5	13480	26	2	500	V3	1370	700	1,3	6 x 2.2	72
EKL1.050-28	20,4	28,9	116,3	47,8	13310	25	2	500	V3	1370	700	1,3	9 x 2.2	72
EKL1.050-35	24,2	31,9	107,6	45,7	21500	27	3	500	V3	1375	690	1,3	5 x 3.2	73
EKL1.050-36	27,1	37,0	133,5	54,3	20280	26	3	500	V3	1370	700	1,3	6 x 3.2	73
EKL1.050-45	28,5	38,3	123,7	51,3	27600	30	4	500	V3	1370	700	1,3	6 x 3.7	74
EKL1.050-46	32,9	46,2	148,8	60,7	26700	29	4	500	V3	1370	700	1,3	6 x 3.7	74
EKL1.063-15	18,0	23,4	119,0	35,8	17300	26	1	630	V3	1350	2390	4,6	10 x 1.7	77
EKL1.063-16	20,3	27,3	148,5	42,6	17200	25	1	630	V3	1350	2390	4,6	10 x 1.7	77
EKL1.063-18	24,1	31,8	193,0	57,5	17050	23	1	630	V3	1350	2400	4,6	12 x 1.7	77
EKL1.063-24	31,5	38,9	207,0	55,0	34900	29	2	630	V3	1350	2390	4,6	10 x 3.2	78
EKL1.063-25	35,1	44,0	238,0	69,9	34800	28	2	630	V3	1350	2390	4,6	10 x 3.2	78
EKL1.063-26	41,3	52,2	297,0	83,8	34600	27	2	630	V3	1350	2390	4,6	10 x 3.2	78
EKL1.063-28	49,1	62,0	387,0	111,0	34100	26	2	630	V3	1350	2400	4,6	12 x 3.2	78
EKL1.063-34	47,8	58,7	311,0	83,9	52800	30	3	630	V3	1350	2390	4,6	10 x 5.7	79
EKL1.063-35	52,5	69,9	358,0	105,0	52500	28	3	630	V3	1350	2390	4,6	10 x 5.7	79
EKL1.063-36	61,0	80,2	445,0	125,0	51900	28	3	630	V3	1350	2390	4,6	10 x 5.7	79

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35°C amb temp

³ Operating power input

Dimension table EKL1

Model	H	W	M	L	E1	E2	Pipe connection		Weight kg	Drain	A ¹
							Liquid	Suction			
EKL1.025-15	360	450	345	650	425	N/A	12.7mm (1/2")	12.7mm (1/2")	13	3/4"	300
EKL1.025-25	360	450	345	1050	825	N/A	12.7mm (1/2")	19.1mm (3/4")	24	3/4"	300
EKL1.030-15	480	495	390	760	525	N/A	12.7mm (1/2")	15.8mm (5/8")	17,5	3/4"	300
EKL1.030-16	480	495	390	760	525	N/A	12.7mm (1/2")	19.1mm (3/4")	21,5	3/4"	300
EKL1.030-24	480	495	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	38	3/4"	350
EKL1.030-25	480	495	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	38	3/4"	350
EKL1.030-26	480	495	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	40	3/4"	350
EKL1.030-35	480	495	390	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	63	1"	400
EKL1.030-36	480	500	390	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	68	1"	400
EKL1.030-46	480	500	390	2370	1050	1075	15.8mm (5/8")	28.5mm (1 1/8")	99	1"	500
EKL1.040-15	620	600	455	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	35	1"	500
EKL1.040-15	620	600	455	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	35	1"	500
EKL1.040-16	620	600	455	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	39	1"	500
EKL1.040-16	620	600	455	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	39	1"	500
EKL1.040-25	620	600	455	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	65	1"	500
EKL1.040-25	620	600	455	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	65	1"	500
EKL1.040-26	620	600	455	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	76	1"	500
EKL1.040-26	620	600	455	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	76	1"	500
EKL1.040-35	620	600	455	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	106	1"	600
EKL1.040-35	620	600	455	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	106	1"	600
EKL1.040-36	620	600	455	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	112	1"	600
EKL1.040-36	620	600	455	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	112	1"	600
EKL1.040-45	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	122	1.1/4"	700
EKL1.040-45	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	122	1.1/4"	700
EKL1.040-46	620	600	455	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	129	1.1/4"	700
EKL1.040-46	620	600	455	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	129	1.1/4"	700
EKL1.050-15	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	70	1"	700
EKL1.050-16	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	74	1"	700
EKL1.050-17	900	680	568	1260	925	N/A	15.8mm (5/8")	35mm (1 3/8")	82	1.1/4"	700
EKL1.050-18	900	680	572	1260	925	N/A	15.8mm (5/8")	35mm (1 3/8")	85	1.1/4"	700
EKL1.050-25	900	600	492	2170	900	925	15.8mm (5/8")	41.2mm (1 5/8")	141	1.1/4"	700
EKL1.050-26	900	600	492	2170	900	925	22.2mm (7/8")	41.2mm (1 5/8")	155	1.1/4"	700
EKL1.050-28	900	680	570	2170	900	925	22.2mm (7/8")	54mm (2 1/8")	177	1.1/4"	700
EKL1.050-35	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	179	1.1/4"	800
EKL1.050-36	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	195	1.1/4"	800
EKL1.050-45	900	600	492	3470	781	781	22.2mm (7/8")	54mm (2 1/8")	249	1.1/4"	800
EKL1.050-46	900	600	492	3470	781	781	22.2mm (7/8")	54mm (2 1/8")	249	1.1/4"	800
EKL1.063-15	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 28.5mm (1.1/8")	230	1.1/4"	800
EKL1.063-16	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 28.5mm (1.1/8")	305	1.1/4"	800
EKL1.063-18	1310	1080	905	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	385	1.1/4"	800
EKL1.063-24	1310	980	805	3380	1500	1530	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	430	2"	1000
EKL1.063-25	1310	980	805	3380	1500	1530	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	520	2"	1000
EKL1.063-26	1310	980	805	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	610	2"	1000
EKL1.063-28	1310	1080	905	3380	1500	1530	2 x 22.2mm (

Capacity Kw EKL1 Evaporator (Cont.)

Double fin spacing 12/6 mm

Model	Freezer ² Troom -20C 7TD	Chiller ² Troom +3C 8TD	Surface m2	TubeVolume l	AirFlow m3/hr	Athrow m	Fan qty	Fan Blade dia. mm	Voltage code	Fan speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EKL1.080-15	21,7	27,8	160,0	50,8	21800	31	1	800	V3	890	1350	3,9	12 x 1.9	75
EKL1.080-16	26,0	33,8	199,0	60,7	21500	30	1	800	V3	890	1350	3,9	12 x 1.9	75
EKL1.080-18	31,2	41,6	258,2	86,9	21100	28	1	800	V3	890	1390	4,0	16 x 1.9	75
EKL1.080-24	39,0	49,8	278,0	80,7	43600	35	2	800	V3	890	1910	3,9	9 x 3.8	76
EKL1.080-25	44,8	57,1	320,0	102,2	43000	34	2	800	V3	890	1350	3,9	12 x 3.8	76
EKL1.080-26	51,1	66,8	397,0	121,2	42700	33	2	800	V3	890	1350	3,9	12 x 3.8	76
EKL1.080-28	63,7	84,1	516,0	161,1	42300	31	2	800	V3	880	1390	4,0	16 x 3.8	76
EKL1.080-34	60,5	75,1	416,0	120,7	65100	37	3	800	V3	890	1910	3,9	9 x 5.7	77
EKL1.080-35	67,3	88,9	478,0	148,2	63900	36	3	800	V3	890	1350	3,9	12 x 5.7	77
EKL1.080-36	79,2	105,8	593,9	173,1	63500	35	3	800	V3	890	1350	3,9	12 x 5.7	77
EKL1.080-38	93,8	126,3	781,0	239,2	63100	33	3	800	V3	880	1390	4,0	16 x 5.7	77

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35°C amb temp

³ Operating power input

Capacity Kw EKX1 Evaporator

Double fin spacing 16/8 mm

Model	Freezer ² Troom -20C 7TD	Surface m2	TubeVolume l	AirFlow m3/hr	Athrow m	Fan qty	Fan Blade dia. mm	Voltage code	Fan speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EKX1.050-25	13,9	56,0	27,3	14500	27	2	500	V3	1370	690	1,30	5 x 2.2	72
EKX1.050-26	15,4	69,5	38,5	13900	26	2	500	V3	1370	700	1,30	6 x 2.2	72
EKX1.050-28	17,9	90,7	45,3	13700	25	2	500	V3	1360	720	1,35	9 x 2.2	72
EKX1.050-35	20,9	83,9	45,7	21900	28	3	500	V3	1370	690	1,30	5 x 3.2	73
EKX1.050-36	23,6	104,1	54,3	21700	27	3	500	V3	1370	700	1,30	6 x 3.2	73
EKX1.050-46	29,9	119,7	58,1	27900	29	4	500	V3	1370	700	1,30	6 x 3.7	74
EKX1.063-15	14,7	91,7	35,6	17500	27	1	630	V3	1350	2390	4,57	10 x 1.7	77
EKX1.063-16	17,4	114,2	42,5	17300	26	1	630	V3	1350	2390	4,57	10 x 1.7	77
EKX1.063-18	20,7	148,7	57,5	17000	23	1	630	V3	1350	2400	4,59	12 x 1.7	77
EKX1.063-25	29,6	183,3	70,3	34800	30	2	630	V3	1350	2390	4,57	10 x 3.2	78
EKX1.063-26	35,3	228,3	78,0	34600	29	2	630	V3	1350	2390	4,57	10 x 3.2	78
EKX1.063-28	44,0	298,0	111,0	34300	24	2	630	V3	1350	2390	4,59	12 x 3.2	78
EKX1.063-35	45,6	275,0	105,0	52500	29	3	630	V3	1350	2390	4,57	10 x 5.7	79
EKX1.063-36	54,5	342,0	125,0	51900	28	3	630	V3	1350	2390	4,57	10 x 5.7	79
EKX1.080-15	17,7	122,2	50,8	21800	32	1	800	V3	890	1350	3,90	12 x 1.9	75
EKX1.080-16	21,9	152,2	60,7	21500	31	1	800	V3	890	1350	3,90	12 x 1.9	75
EKX1.080-18	27,4	198,2	86,9	20600	29	1	800	V3	880	1390	4,00	16 x 1.9	75
EKX1.080-24	33,0	211,0	80,7	43500	36	2	800	V3	890	1910	3,90	9 x 3.8	76
EKX1.080-25	37,1	243,8	102,2	43000	35	2	800	V3	890	1350	3,90	12 x 3.8	76
EKX1.080-26	43,8	304,3	121,2	42600	34	2	800	V3	890	1350	3,90	12 x 3.8	76
EKX1.080-28	55,4	396,4	161,1	42300	32	2	800	V3	880	1390	4,00	16 x 3.8	76
EKX1.080-34	49,2	318,1	120,7	65300	38	3	800	V3	890	1910	3,90	9 x 5.7	77
EKX1.080-35	58,3	365,8	148,2	64200	37	3	800	V3	890	1350	3,90	12 x 5.7	77
EKX1.080-36	69,3	456,5	173,1	63800	36	3	800	V3	890	1350	3,90	12 x 5.7	77
EKX1.080-38	83,6	593,8	239,2	63100	34	3	800	V3	880	1390	4,00	16 x 5.7	77

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35°C amb temp

³ Operating power input

Model	H	W	M	L	E1	E2	Pipe connection		Weight kg	Drain	A ¹
							Liquid	Suction			
EKL1.080-15	1690	820	720	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	285	1.1/4"	1000
EKL1.080-16	1690	820	720	1870	1530	N/A	2 x 15.8mm (5/8")	3 x 35mm (1 3/8")	318	1.1/4"	1000
EKL1.080-18	1690	920	820	1870	1530	N/A	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	351	1.1/4"	1000
EKL1.080-24	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	612	2"	1100
EKL1.080-25	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	678	2"	1100
EKL1.080-26	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	745	2"	1100
EKL1.080-28	1690	920	820	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	812	2"	1100
EKL1.080-34	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	828	2"	1200
EKL1.080-35	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2 .5/8")	927	2"	1200
EKL1.080-36	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2 .5/8")	1025	2"	1200
EKL1.080-38	1690	920	820	4900	1500	1530	2 x 28.5mm (1.1/8")	2 x 63mm (2 .5/8")	1126	2"	1200

Dimension table EKX1

Model	H	W	M	L	E1	E2	Pipe connection		Weight kg	Drain	A ¹
							Liquid	Suction			
EKX1.050-25	900	600	492	2170	900	925	15.8mm (5/8")	41.2mm (1 5/8")	141	1.1/4"	1000
EKX1.050-26	900	600	492	2170	900	925	22.2mm (7/8")	41.2mm (1 5/8")	155	1.1/4"	1000
EKX1.050-28	900	680	570	2170	900	925	22.2mm (7/8")	54mm (2 1/8")	177	1.1/4"	1000
EKX1.050-35	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	179	1.1/4"	1100
EKX1.050-36	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	193	1.1/4"	1100
EKX1.050-46	900	600	492	3470	781	781	22.2mm (7/8")	54mm (2 1/8")	248	1.1/4"	1100
EKX1.063-15	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 28.5mm (1.1/8")	305	1.1/4"	1100
EKX1.063-16	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 28.5mm (1.1/8")	340	1.1/4"	1100
EKX1.063-18	1310	1080	905	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	395	1.1/4"	1100
EKX1.063-25	1310	980	805	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	610	2"	1100
EKX1.063-26	1310	980	805	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	650	2"	1100
EKX1.063-28	1310	1080	905	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	710	2"	1100
EKX1.063-35	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	900	2"	1200
EKX1.063-36	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	970	2"	1200
EKX1.080-15	1690	820	720	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	282	1.1/4"	1000
EKX1.080-16	1690	820	720	1870	1530	N/A	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	316	1.1/4"	1000
EKX1.080-18	1690	920	820	1870	1530	N/A	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	349	1.1/4"	1000
EKX1.080-24	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	610	2"	1100
EKX1.080-25	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	675	2"	1100
EKX1.080-26	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	742	2"	1100
EKX1.080-28	1690	920	820	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	809	2"	1100
EKX1.080-34	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	825	2"	1200
EKX1.080-35	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2 .5/8")	925	2"	1200
EKX1.080-36	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2 .5/8")	1021	2"	1200
EKX1.080-38	1690	920	820	4900	1500	1530	2 x 28.5mm (1.1/8")	2 x 63mm (2 .5/8")	1122	2"	1200

A¹: Minimum distance between the wall and the fins air inlet for efficient air flow

Capacity Kw EKC1 Evaporator

Fin spacing 4.2 mm

Model ¹	Chiller ² T _{room} +3°C 8TD	AirCon ² T _{room} +20°C 15TD	Surface m2	Tube Volume l	Air Flow m3/hr	Air Throw m	Fan qty	Fan Blade Dia mm	Voltage code	Fan Speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EKC1.025-13	1,3	2,4	5,9	1,4	905	4	1	250	V1	2130	105	0,51	2 x 0.48	52
EKC1.025-14	1,7	3,6	7,6	2,0	895	4	1	250	V1	2130	105	0,51	2 x 0.48	52
EKC1.025-15	1,9	3,9	10,0	2,4	870	3	1	250	V1	2130	105	0,51	3 x 0.48	52
EKC1.025-23	2,4	4,9	10,8	2,7	1830	6	2	250	V1	2130	105	0,51	2 x 0.96	53
EKC1.025-24	3,4	6,8	15,3	3,9	1780	5	2	250	V1	2130	105	0,51	2 x 0.96	53
EKC1.025-25	3,9	8,2	19,3	4,8	1760	4	2	250	V1	2130	105	0,51	3 x 0.96	53
EKC1.030-13	2,4	4,3	9,3	2,5	1650	6	1	300	V1	1390	82	0,38	3 x 0.6	55
EKC1.030-14	2,9	5,5	12,1	3,3	1610	5	1	300	V1	1390	82	0,38	3 x 0.6	55
EKC1.030-15	3,2	6,6	15,2	4,1	1580	5	1	300	V1	1390	82	0,38	4 x 0.6	55
EKC1.030-16	3,7	7,4	20,3	4,7	1550	5	1	300	V1	1390	82	0,38	4 x 0.6	55
EKC1.030-23	4,8	9,6	20,8	5,2	3250	8	2	300	V1	1390	82	0,38	3 x 1.2	57
EKC1.030-24	5,9	12,0	26,2	6,5	3230	8	2	300	V1	1390	82	0,38	3 x 1.2	57
EKC1.030-25	6,8	14,3	30,4	8,3	3170	7	2	300	V1	1390	82	0,38	4 x 1.2	57
EKC1.030-26	7,8	15,0	36,2	9,5	3110	7	2	300	V1	1390	82	0,38	4 x 1.2	57
EKC1.030-34	8,6	17,1	36,3	8,9	4850	10	3	300	V1	1390	82	0,38	3 x 1.7	59
EKC1.030-35	9,4	18,0	45,7	11,1	4730	9	3	300	V1	1390	82	0,38	4 x 1.7	59
EKC1.030-36	11,2	22,5	55,8	13,3	4680	9	3	300	V1	1390	82	0,38	4 x 1.7	59
EKC1.030-45	13,6	27,5	71,0	16,7	6320	12	4	300	V1	1390	82	0,38	4 x 2.5	60
EKC1.030-46	15,8	31,7	86,8	20,1	6200	11	4	300	V1	1390	82	0,38	4 x 2.5	60
EKC1.040-14	5,4	11,0	24,8	6,1	3150	12	1	400	V1	1390	251	1,21	4 x 0.84	59
EKC1.040-14	5,5	11,1	24,8	6,1	3160	12	1	400	V3	1380	210	0,48	4 x 0.84	59
EKC1.040-15	6,3	12,8	30,9	7,6	3110	11	1	400	V1	1390	251	1,21	4 x 0.84	59
EKC1.040-15	6,3	12,9	30,9	7,6	3120	11	1	400	V3	1380	210	0,48	4 x 0.84	59
EKC1.040-24	11,5	22,7	49,2	11,9	6290	15	2	400	V1	1390	251	1,21	4 x 1.7	62
EKC1.040-24	11,4	22,8	49,2	11,9	6300	15	2	400	V3	1380	210	0,48	4 x 1.7	62
EKC1.040-25	12,9	26,6	62,9	15,1	6230	14	2	400	V1	1390	251	1,21	4 x 1.7	62
EKC1.040-25	12,9	26,6	62,9	15,1	6240	14	2	400	V3	1380	210	0,48	4 x 1.7	62
EKC1.040-34	17,4	34,9	74,2	17,9	9400	16	3	400	V1	1390	251	1,21	4 x 2.5	64
EKC1.040-34	17,5	35,0	74,2	17,9	9410	16	3	400	V3	1380	210	0,48	4 x 2.5	64
EKC1.040-35	19,4	39,2	93,3	22,6	9300	16	3	400	V1	1390	251	1,21	4 x 2.5	64
EKC1.040-35	19,5	39,3	93,3	22,6	9320	16	3	400	V3	1380	210	0,48	4 x 2.5	64
EKC1.040-45	25,9	52,4	120,1	27,8	12690	20	4	400	V2	1390	248	1,19	4 x 3.2	64
EKC1.040-45	25,9	52,4	120,1	27,8	12800	20	4	400	V3	1380	210	0,45	4 x 3.2	64
EKC1.050-14	11,7	24,1	48,5	11,9	6990	24	1	500	V3	1370	700	1,30	5 x 1.1	70
EKC1.050-15	13,3	26,5	61,5	14,8	6800	23	1	500	V3	1370	700	1,30	5 x 1.1	70
EKC1.050-16	15,6	30,5	74,5	17,3	6550	22	1	500	V4	1370	700	1,30	6 x 1.1	70
EKC1.050-24	23,6	49,0	96,7	23,3	13650	25	2	500	V3	1370	700	1,30	5 x 2.2	72
EKC1.050-25	27,2	55,4	120,9	29,2	13620	25	2	500	V3	1370	700	1,30	5 x 2.2	72
EKC1.050-26	30,3	63,0	145,0	36,5	13100	24	2	500	V4	1370	700	1,30	6 x 2.2	72
EKC1.050-34	37,1	75,1	145,3	36,5	21450	26	3	500	V3	1370	700	1,30	5 x 3.2	73
EKC1.050-35	39,9	80,9	181,9	45,7	20800	26	3	500	V3	1370	700	1,30	5 x 3.2	73
EKC1.050-36	46,1	92,9	223,6	54,3	20050	26	3	500	V4	1370	700	1,30	6 x 3.2	73
EKC1.050-45	50,2	103,3	209,2	51,3	26880	28	4	500	V3	1370	700	1,30	5 x 3.7	74

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35 C amb temp

³ Operating power input

Dimension table EKC1

Model	H	L	W	M	E1	E2	Pipe connection		Weight kg	Drain	A ¹
							Liquid	Suction			
EKC1.025-13	360	450	345	650	425	N/A	12.7mm (1/2")	12.7mm (1/2")	11,5	3/4"	300
EKC1.025-14	360	450	345	650	425	N/A	12.7mm (1/2")	12.7mm (1/2")	12,5	3/4"	300
EKC1.025-15	360	450	345	650	425	N/A	12.7mm (1/2")	12.7mm (1/2")	13,5	3/4"	300
EKC1.025-23	360	450	345	1050	825	N/A	12.7mm (1/2")	15.8mm (5/8")	19	3/4"	300
EKC1.025-24	360	450	345	1050	825	N/A	12.7mm (1/2")	15.8mm (5/8")	21	3/4"	300
EKC1.025-25	360	450	345	1050	825	N/A	12.7mm (1/2")	19.1mm (3/4")	27	3/4"	300
EKC1.030-13	475	430	320	760	525	N/A	12.7mm (1/2")	12.7mm (1/2")	20	3/4"	300
EKC1.030-14	475	430	320	760	525	N/A	12.7mm (1/2")	15.8mm (5/8")	18	3/4"	300
EKC1.030-15	480	475	390	760	525	N/A	12.7mm (1/2")	15.8mm (5/8")	19	3/4"	300
EKC1.030-16	480	475	390	760	525	N/A	12.7mm (1/2")	19.1mm (3/4")	23	3/4"	300
EKC1.030-23	480	430	320	1270	1025	N/A	12.7mm (1/2")	19.1mm (3/4")	31	3/4"	300
EKC1.030-24	480	475	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	33	3/4"	300
EKC1.030-25	480	475	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	36	3/4"	300
EKC1.030-26	480	475	390	1270	1025	N/A	12.7mm (1/2")	22.2mm (7/8")	40	3/4"	300
EKC1.030-34	480	475	390	1670	1425	N/A	12.7mm (1/2")	22.2mm (7/8")	58	1"	350
EKC1.030-35	480	475	390	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	65	1"	350
EKC1.030-36	480	475	390	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	70	1"	350
EKC1.030-45	480	480	390	2370	1050	1075	15.8mm (5/8")	28.5mm (1 1/8")	95	1"	400
EKC1.030-46	480	480	390	2370	1050	1075	15.8mm (5/8")	35mm (1 3/8")	105	1"	400
EKC1.040-14	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	33	1"	400
EKC1.040-14	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	33	1"	400
EKC1.040-15	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	36	1"	400
EKC1.040-15	620	560	445	970	725	N/A	12.7mm (1/2")	22.2mm (7/8")	36	1"	400
EKC1.040-24	620	560	445	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	56	1"	400
EKC1.040-24	620	560	445	1670	1425	N/A	12.7mm (1/2")	28.5mm (1 1/8")	56	1"	400
EKC1.040-25	620	560	445	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	63	1"	400
EKC1.040-25	620	560	445	1670	1425	N/A	15.8mm (5/8")	28.5mm (1 1/8")	63	1"	400
EKC1.040-34	620	560	445	2380	700	725	15.8mm (5/8")	28.5mm (1 1/8")	99	1"	450
EKC1.040-34	620	560	445	2380	700	725	15.8mm (5/8")	28.5mm (1 1/8")	99	1"	450
EKC1.040-35	620	560	445	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	108	1"	450
EKC1.040-35	620	560	445	2380	700	725	15.8mm (5/8")	35mm (1 3/8")	108	1"	450
EKC1.040-45	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	122	1.1/4"	500
EKC1.040-45	620	560	445	2980	1375	1350	22.2mm (7/8")	41.2mm (1 5/8")	122	1.1/4"	500
EKC1.050-14	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	66	1"	500
EKC1.050-15	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	71	1"	500
EKC1.050-16	900	600	492	1260	925	N/A	15.8mm (5/8")	28.5mm (1 1/8")	76	1"	500
EKC1.050-24	900	600	492	2170	900	925	15.8mm (5/8")	35mm (1 3/8")	137	1.1/4"	500
EKC1.050-25	900	600	492	2170	900	925	15.8mm (5/8")	41.2mm (1 5/8")	143	1.1/4"	500
EKC1.050-26	900	600	492	2170	900	925	22.2mm (7/8")	41.2mm (1 5/8")	161	1.1/4"	500
EKC1.050-34	900	600	492	3070	900	925	22.2mm (7/8")	41.2mm (1 5/8")	171	1.1/4"	750
EKC1.050-35	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	185	1.1/4"	750
EKC1.050-36	900	600	492	3070	900	925	22.2mm (7/8")	54mm (2 1/8")	198	1.1/4"	750
EKC1.050-45	900	600	492	3470	781	781	22.2mm (7/8")	54mm (2 1/8")	245	1.1/4"	750

A¹: Minimum distance between the wall and the fins air inlet for efficient air flow

Capacity Kw EKC1 Evaporator cont.

Fin spacing 4.2 mm

Model ¹	Chiller ² T _{room} +3°C 8TD	AirCon ² T _{room} +20°C 15TD	Surface m2	Tube Volume l	Air Flow m3/hr	Air Throw m	Fan qty	Fan Blade Dia mm	Voltage code	Fan Speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EKC1.063-15	26,9	51,3	207	35,2	14700	24	1	630	V3	1370	1760	1,80	10 x 1.7	74
EKC1.063-16	31,2	61,8	249	42,6	14500	23	1	630	V3	1370	1790	1,90	10 x 1.7	74
EKC1.063-24	47,6	95,3	329	55,0	27800	27	2	630	V3	1370	1760	1,80	10 x 3.2	75
EKC1.063-25	53,9	106,8	415	65,7	29400	26	2	630	V3	1370	1760	1,80	10 x 3.2	75
EKC1.063-26	62,4	123,6	497	78,0	29000	24	2	630	V3	1370	1790	1,90	10 x 3.2	75
EKC1.063-34	71,2	142,5	496	83,9	44550	28	3	630	V3	1370	1760	1,80	10 x 5.7	76
EKC1.063-35	82,5	161,7	623	105,0	44100	27	3	630	V3	1370	1760	1,80	10 x 5.7	76
EKC1.063-36	95,3	193,0	740	125,0	43800	26	3	630	V3	1370	1790	1,90	10 x 5.7	76
EKC1.080-14	29,7	60,1	222,3	41,3	22300	28	1	800	V3	890	1350	3,90	9 x 1.7	75
EKC1.080-15	36,2	73,2	278	50,8	22100	27	1	800	V3	890	1350	3,90	12 x 1.9	75
EKC1.080-16	42,6	87,2	335	60,7	21800	25	1	800	V3	890	1350	3,90	12 x 1.9	75
EKC1.080-18	52,1	103,9	445	86,9	21300	24	1	800	V3	870	1390	4,00	16 x 1.9	75
EKC1.080-24	64,4	135,1	445	80,7	44600	35	2	800	V3	890	1350	3,90	9 x 3.8	76
EKC1.080-25	73,4	149,8	556	102,2	44200	34	2	800	V3	890	1350	3,90	12 x 3.8	76
EKC1.080-26	84,7	175,0	670	121,2	43600	32	2	800	V3	890	1350	3,90	12 x 3.8	76
EKC1.080-28	102,2	207,4	887	161,1	42600	30	2	800	V3	870	1390	4,00	16 x 3.8	76
EKC1.080-34	97,5	202,2	663	120,7	66900	36	3	800	V3	890	1350	3,90	9 x 5.7	76
EKC1.080-35	111,7	225,3	831	148,2	66300	35	3	800	V3	890	1350	3,90	12 x 5.7	77
EKC1.080-36	130,4	263,0	1005	181,6	65400	33	3	800	V3	890	1350	3,90	12 x 5.7	77
EKC1.080-38	153,5	316,4	1332,0	239,2	63900	29	3	800	V3	870	1390	4,00	16 x 5.7	77

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35 C amb temp

³ Operating power input

Capacity Kw ELP Evaporator

Double fin spacing 8.4/4.2 mm

Model ¹	Freezer ² T _{room} -20°C 7TD	Chiller ² T _{room} +3°C 8TD	AirCon ² T _{room} +20°C 15TD	Tube Volume l	Surface m2	Air Flow m3/hr	Air Throw m	Fan qty	Fan Blade Dia mm	Voltage code	Fan Speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
ELP 025-14	1.0	1.4	2.7	1.9	6.5	910	5	1	255	V1	1370	63	0.27	2 x 0.66	47
ELP 025-15	1.2	1.7	3.3	2.4	7.7	900	4.9	1	255	V1	1370	63	0.27	2 x 0.66	47
ELP 025-16	1.5	2.1	4.0	2.8	9.6	880	4.7	1	255	V1	1370	63	0.27	3 x 0.66	47
ELP 025-24	2.0	2.8	5.4	4.7	15.4	1820	6.5	2	255	V1	1400	63	0.27	2 x 1.3	49
ELP 025-25	2.4	3.4	6.6	5.6	19.2	1800	5.8	2	255	V1	1400	63	0.27	2 x 1.3	49
ELP 030-14	2.0	2.8	5.4	3.5	12.4	1630	7	1	300	V1	1400	110	0.49	2 x 1.1	53
ELP 030-15	2.3	3.2	6.3	4.4	14.7	1600	6.8	1	300	V1	1400	110	0.49	2 x 1.1	53
ELP 030-16	2.8	3.9	7.7	5.3	18.3	1570	6	1	300	V1	1400	110	0.49	3 x 1.1	53
ELP 030-24	3.9	5.5	10.6	7.1	24.8	3260	8.8	2	300	V1	1400	110	0.49	2 x 2.2	55
ELP 030-25	4.5	6.3	12.3	9.0	29.4	3200	8.5	2	300	V1	1400	110	0.49	2 x 2.2	55
ELP 030-26	5.6	7.8	15.3	10.7	36.7	3140	8	2	300	V1	1400	110	0.49	3 x 2.2	55
ELP 030-34	6.0	8.4	16.4	10.7	37.2	4890	9.6	3	300	V1	1400	110	0.49	2 x 3.2	57
ELP 030-35	6.8	9.5	18.6	13.4	44.0	4800	9.4	3	300	V1	1400	110	0.49	2 x 3.2	57
ELP 030-36	8.5	11.9	23.3	16.2	55.0	4800	9	3	300	V1	1400	110	0.49	3 x 3.2	57

¹ Max operating pressure 32bar

² All capacities are based on 404A refrigerant, 35 C amb temp

³ Operating power input

Dimension table EKC1

Model	H	L	W	M	E1	E2	Pipe connection		Weight kg	Drain	A ¹
							Liquid	Suction			
EKC1.063-15	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 28.5mm (1.1/8")	230	1.1/4"	750
EKC1.063-16	1310	980	805	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	305	1.1/4"	750
EKC1.063-24	1310	980	805	3380	1500	1530	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	570	1.1/4"	750
EKC1.063-25	1310	980	805	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	610	1.1/4"	750
EKC1.063-26	1310	980	805	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	650	1.1/4"	750
EKC1.063-34	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	830	1.1/4"	800
EKC1.063-35	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	900	1.1/4"	800
EKC1.063-36	1310	980	805	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	970	1.1/4"	800
EKC1.080-14	1690	820	720	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	255	1.1/4"	800
EKC1.080-15	1690	820	720	1870	1530	N/A	2 x 15.8mm (5/8")	2 x 35mm (1 3/8")	286	1.1/4"	800
EKC1.080-16	1690	820	720	1870	1530	N/A	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	322	1.1/4"	800
EKC1.080-18	1690	920	820	1870	1530	N/A	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	356	1.1/4"	800
EKC1.080-24	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 41.2mm (1 5/8")	618	2"	1000
EKC1.080-25	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	683	2"	1000
EKC1.080-26	1690	820	720	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	751	2"	1000
EKC1.080-28	1690	920	820	3380	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	819	2"	1000
EKC1.080-34	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 54mm (2 1/8")	835	2"	1100
EKC1.080-35	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2.5/8")	935	2"	1100
EKC1.080-36	1690	820	720	4900	1500	1530	2 x 22.2mm (7/8")	2 x 63mm (2.5/8")	1035	2"	1100
EKC1.080-38	1690	920	820	4900	1500	1530	2 x 28.5mm (1.1/8")	2 x 63mm (2.5/8")	1138	2"	1100

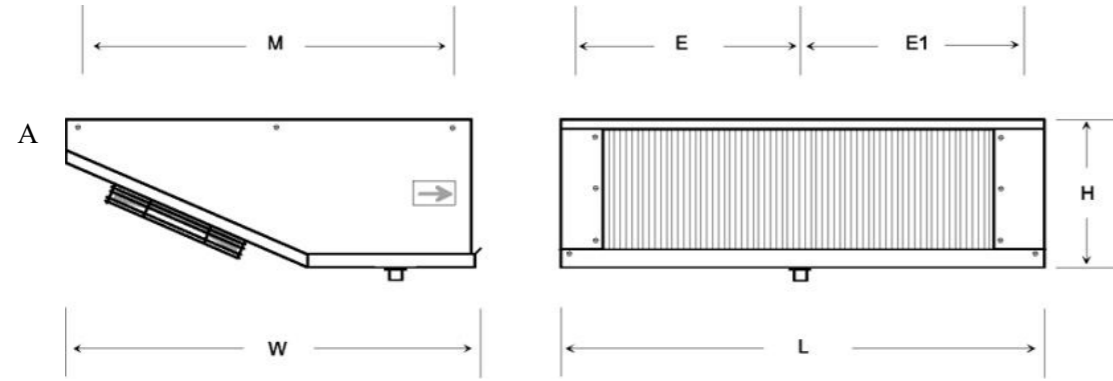
A¹: Minimum distance between the wall and the fins air inlet for efficient air flow

Dimension table ELP

Model	H	L	E1	E2	W	M	Pipe connection		Weight kg	Drain	A ¹
							Liquid	Suction			
ELP 025-14	255	720	512	N/A	655	575	12.7mm (1/2")	12.7mm (1/2")	17	3/4"	15
ELP 025-15	255	720	512	N/A	655	575	12.7mm (1/2")	12.7mm (1/2")	18	3/4"	15
ELP 025-16	255	720	512	N/A	655	575	12.7mm (1/2")	12.7mm (1/2")	20	3/4"	15
ELP 025-24	255	1270	1067	N/A	655	575	12.7mm (1/2")	15.8mm (5/8")	32	3/4"	15
ELP 025-25	255	1270	1067	N/A	655	575	12.7mm (1/2")	19.1mm (3/4")	34	3/4"	15
ELP 030-14	290	1100	870	N/A	700	635	12.7mm (1/2")	12.7mm (1/2")	21	3/4"	20
ELP 030-15	290	1100	870	N/A	700	635	12.7mm (1/2")	15.8mm (5/8")	23	3/4"	20
ELP 030-16	290	1100	870	N/A	700	635	12.7mm (1/2")	19.1mm (3/4")	25	3/4"	20
ELP 030-24	290	2000	870	900	700	635	12.7mm (1/2")	22.2mm (7/8")	42	3/4"	20
ELP 030-25	290	2000	870	900	700	635	12.7mm (1/2")	22.2mm (7/8")	46	3/4"	20
ELP 030-26	290	2000	870	900	700	635	12.7mm (1/2")	22.2mm (7/8")	50	3/4"	20
ELP 030-34	290	2900	870	900	700	635	12.7mm (1/2")	22.2mm (7/8")	62	1"	20
ELP 030-35	290	2900	870	900	700	635	12.7mm (1/2")	28.5mm (1 1/8")	67	1"	20
ELP 030-36	290	2900	870	900	700	635	12.7mm (1/2")	28.5mm (1 1/8")	70	1"	20

A¹: Minimum distance from the wall and the fan side of the evaporator

Dimension drawing of ELP



Capacity Kw EDA Double air flow Evaporator

Double fin spacing 8.4/4.2 mm

Model ¹	Freezer ² T _{room} -20°C 7TD	Chiller ² T _{room} +3°C 8TD	AirCon ² T _{room} +20°C 15TD	Tube Volume l	Surface m ²	Air Flow m ³ /hr	Air Throw m	Fan qty	Fan Blade Dia mm	Voltage code	Fan Speed rpm	Input ³ Power W per fan	Power Amp	Heater kW	Sound Pressure level DB(A) 3m
EDA 025-13	0.7	1.0	2.0	1.35	4.6	910	3	1	255	V1	1370	63	0.27	2 x 0.38	47
EDA 025-14	1.0	1.4	2.7	1.8	6.2	900	2.9	1	255	V1	1370	63	0.27	2 x 0.38	47
EDA 025-15	1.2	1.6	3.2	2.2	7.3	900	2.8	1	255	V1	1370	63	0.27	2 x 0.76	47
EDA 025-16	1.4	2.0	3.9	2.7	9.2	880	2.6	1	255	V1	1370	63	0.27	2 x 0.76	47
EDA 030-14	2.0	2.7	5.3	3.3	11.8	1630	2.9	1	300	V1	1400	110	0.49	2 x 0.6	55
EDA 030-15	2.3	3.1	6.0	4.2	14.0	1600	2.8	1	300	V1	1400	110	0.49	4 x 0.6	55
EDA 030-16	2.8	3.8	7.2	5	17.5	1570	2.6	1	300	V1	1400	110	0.49	4 x 0.6	55
EDA 030-24	3.9	5.4	10.5	6.7	23.6	3260	4.1	2	300	V1	1400	110	0.49	2 x 1.2	55
EDA 030-25	4.5	6.2	12.1	8.4	28.2	3200	3.9	2	300	V1	1400	110	0.49	4 x 1.2	55
EDA 030-26	5.6	7.7	15.0	10	34.9	3140	3.9	2	300	V1	1400	110	0.49	4 x 1.2	55
EDA 030-34	5.4	7.8	15.1	9.3	33.1	4890	5.3	3	300	V1	1400	110	0.49	4 x 1.7	57
EDA 030-35	6.3	8.7	17.1	11.7	39.5	4800	5	3	300	V1	1400	110	0.49	4 x 1.7	57
EDA 030-36	7.7	10.9	21.3	14.1	48.9	4710	4.8	3	300	V1	1400	110	0.49	4 x 1.7	57
EDA 040-24	7.3	9.9	19.3	12.2	42.9	6320	7.1	2	400	V2	1300	208	0.91	4 x 1.7	62
EDA 040-24	7.5	10.0	19.6	12.2	42.9	6500	7.2	2	400	V3	1380	192	0.54	4 x 1.7	62
EDA 040-25	8.3	11.2	22.1	15.3	51.8	6220	7.0	2	400	V2	1300	208	0.91	4 x 1.7	62
EDA 040-25	8.5	11.4	22.6	15.3	51.8	6420	7.1	2	400	V3	1380	192	0.54	4 x 1.7	62
EDA 040-26	10.2	14.3	27.8	18.6	64.1	6190	6.9	2	400	V2	1300	208	0.91	6 x 1.7	62
EDA 040-26	10.3	14.4	28.1	18.6	64.1	6300	6.96	2	400	V3	1380	192	0.54	6 x 1.7	62
EDA 040-34	10.9	15.3	29.9	18.3	64.8	9450	8.3	3	400	V2	1300	198	0.88	4 x 2.5	64
EDA 040-34	10.9	15.4	30.0	18.3	64.8	9750	8.4	3	400	V3	1385	190	0.54	4 x 2.5	64
EDA 040-35	12.5	17.3	33.9	23.1	77.8	9330	8	3	400	V2	1300	200	0.89	4 x 2.5	64
EDA 040-35	12.6	17.4	34.0	23.1	77.8	9630	8.1	3	400	V3	1380	192	0.54	4 x 2.5	64
EDA 040-36	15.6	21.7	41.2	27.7	96.2	9150	7.6	3	400	V2	1300	208	0.91	6 x 2.5	64
EDA 040-36	15.7	21.8	41.5	27.7	96.2	9450	7.62	3	400	V3	1380	190	0.54	6 x 2.5	64

¹ Max operating pressure 32bar

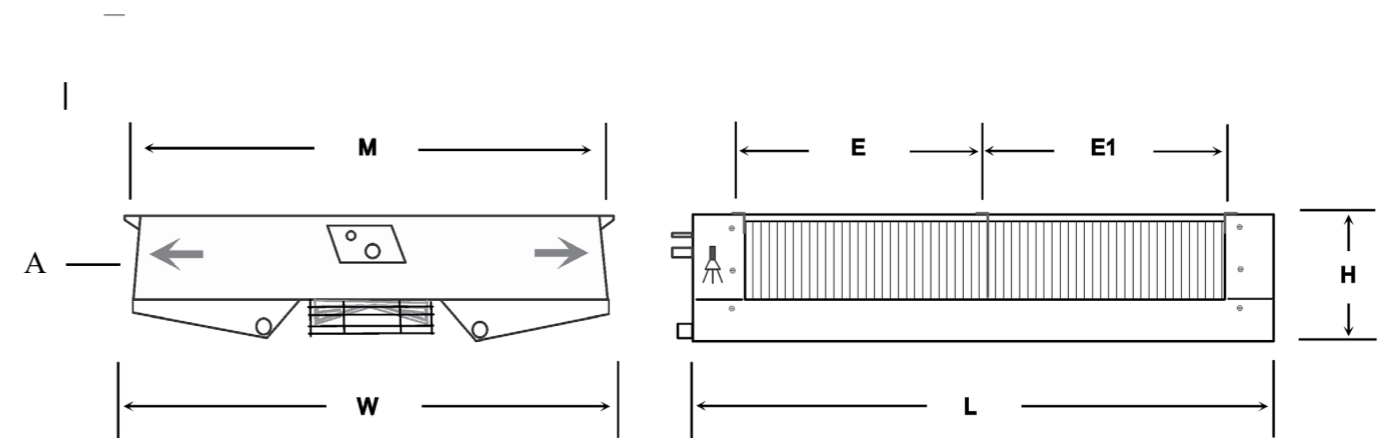
² All capacities are based on 404A refrigerant, 35 C amb temp

³ Operating power input

Dimension table EDA

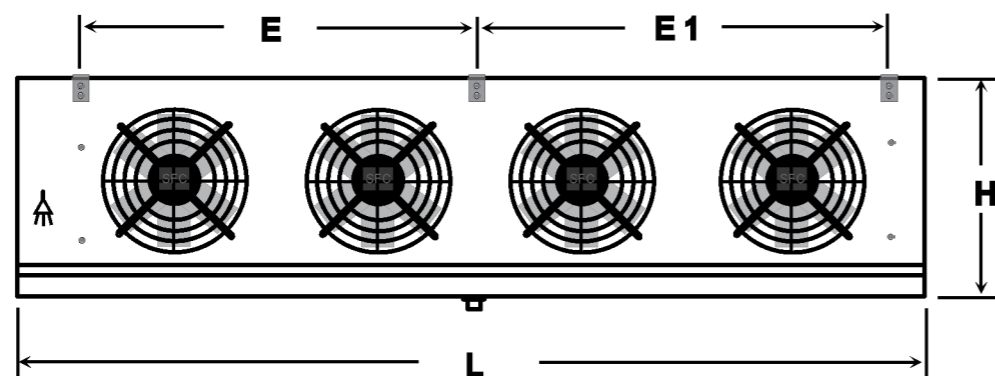
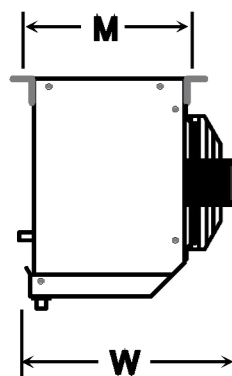
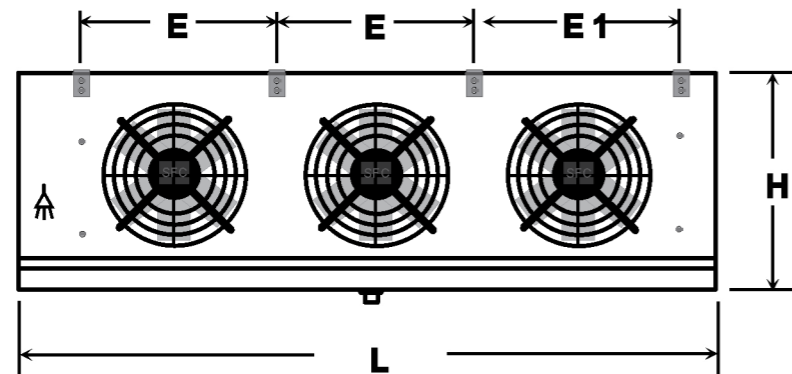
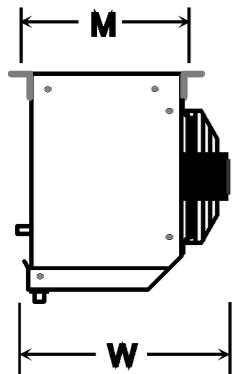
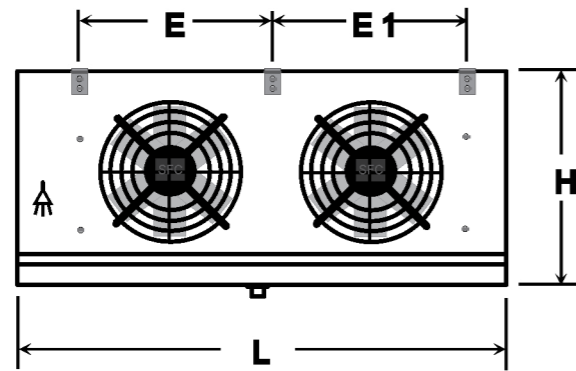
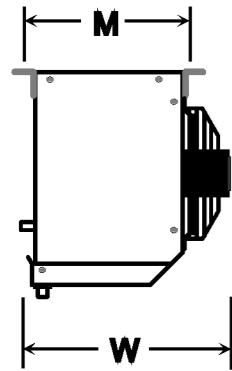
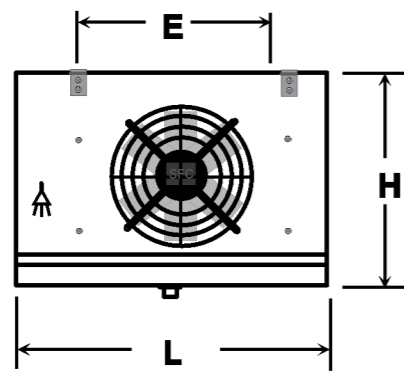
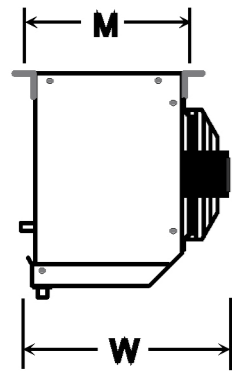
Model	H	L	W	M	E1	E2	Pipe connection		Weight kg	Drain	A' mm
							Liquid	Suction			
EDA 025-13	250	415	680	705	340	N/A	12.7mm (1/2")	12.7mm (1/2")	16	3/4"	300
EDA 025-14	250	415	680	705	340	N/A	12.7mm (1/2")	12.7mm (1/2")	17	3/4"	300
EDA 025-15	250	415	800	825	340	N/A	12.7mm (1/2")	12.7mm (1/2")	19	3/4"	300
EDA 025-16	250	415	800	825	340	N/A	12.7mm (1/2")	12.7mm (1/2")	20	3/4"	300
EDA 030-14	270	790	990	960	530	N/A	12.7mm (1/2")	15.8mm (5/8")	24	3/4" x 2	500
EDA 030-15	270	790	990	960	530	N/A	12.7mm (1/2")	15.8mm (5/8")	26	3/4" x 2	500
EDA 030-16	270	790	990	960	530	N/A	12.7mm (1/2")	19.1mm (3/4")	30	3/4" x 2	500
EDA 030-24	270	1290	990	960	1030	N/A	12.7mm (1/2")	22.2mm (7/8")	48	1" x 2	600
EDA 030-25	270	1290	990	960	1030	N/A	12.7mm (1/2")	22.2mm (7/8")	50	1" x 2	600
EDA 030-26	270	1290	990	960	1030	N/A	12.7mm (1/2")	22.2mm (7/8")	52	1" x 2	600
EDA 030-34	270	1690	990	960	467	498	12.7mm (1/2")	22.2mm (7/8")	57	1" x 2	750
EDA 030-35	270	1690	990	960	467	498	12.7mm (1/2")	28.5mm (1 1/8")	65	1" x 2	750
EDA 030-36	270	1690	990	960	467	498	12.7mm (1/2")	28.5mm (1 1/8")	75	1" x 2	750
EDA 040-24	350	1690	1070	1040	700	725	12.7mm (1/2")	28.5mm (1 1/8")	71	1" x 2	750
EDA 040-25	350	1690	1070	1040	700	725	15.8mm (5/8")	28.5mm (1 1/8")	76	1" x 2	750
EDA 040-26	350	1690	1070	1040	700	725	15.8mm (5/8")	28.5mm (1 1/8")	82	1" x 2	750
EDA 040-34	350	2390	1070	1040	700	725	15.8mm (5/8")	28.5mm (1 1/8")	109	1" x 2	850
EDA 040-35	350	2390	1070	1040	700	725	15.8mm (5/8")	35mm (1 3/8")	129	1" x 2	850
EDA 040-36	350	2390	1070	1040	700	725	15.8mm (5/8")	35mm (1 3/8")	139	1" x 2	850

A': Minimum distance between the wall and the evaporator fins, air out let



DUAL AIR FLOW

Dimension drawing of EKA1, EKL1, EKX1, EKC1



Conversion tables applied to all EKA-KOOL evaporator series

Capacity Multiplying Factors 7 TD Freezer					
Room Temp °C	-30	-25	-20	-15	-10
R404a	0,86	0,94	1,00	1,03	1,05
R507	0,88	0,96	1,02	1,03	1,04
R22	0,90	0,98	1,03	1,04	1,05

Capacity Multiplying Factors 8 TD Chiller					
Room Temp °C	-5	0	+3	+5	+10
R404a	0,93	0,97	1,00	1,02	1,03
R507	0,94	0,98	1,00	1,02	1,03
R22	0,95	0,99	1,01	1,02	1,03
R134a	0,85	0,87	0,89	0,92	0,93

Please download our EKA-Calc, selection software, for precise selection of EKA-KOOL evaporators at different TD, evaporating and room temperature
www.eka-kool.com

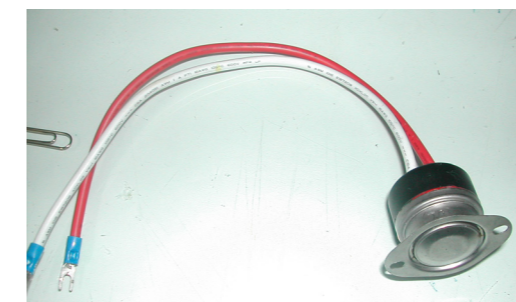
On request

EKX1 Heavy duty evaporator series:
 Double fin spacing, 16/8 mm fin spacing
 Low temperature application, down to -45C room temperature
 Capacity upto 40kw cooling capacity

Epoxy coated blue fin for all evaporator series
 Copper fin for all evaporator series
 Double insulated tray for all evaporator series
 Stainless steel casing and drain tray

We produce by specification for all other types of evaporators e.g. heating coils, coils for glycol application, cabinet blowers.
 Consult with our technical department

Klixon



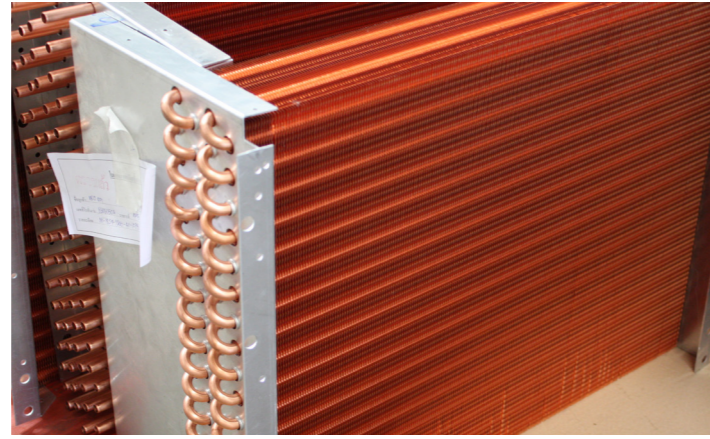
Safety device to prevent unit/room overheating.
 The heater klixon is a bimetal T/stat. It will open to terminate the defrost heaters at approx 13 °C
 The Klixon T/Stat will reset in the closed position at approx -1 °C
 Heater Safety Klixon must be wired in series with the power supply to the heaters.

Klixon is fitted as standard equipment for EU countries and Australia, to comply with local authority regulations

Processing room



Copper fin



Humidity controlled room



Freezer application



General specification

All EKA-KOOL's products are ISO 9001:2008 certified and all production processes undergo quality control procedures.

All staff are well trained within their scope of competence and the company lives up to all local regulations. The company respects local culture and value bringing harmony between work and private lives

Capacity

All our capacities are calculated on R404A. The refrigerating capacities refer to an air inlet temperature difference which results from the difference between air inlet temperature T_{room} and evaporating temperature T_{eva} . Please use our EKA-CALC for exact thermodynamic design in different operating conditions. All EKA-KOOL evaporators are applicable to all HFC refrigerants, glycol and water. Please consult with us for other media

Coils

Fins are made of high quality aluminium alloy. All high grade copper tubes, 1/2".

Double fin spacing technology increased heat transfer surface, tested and proven to minimise icing issue resulting in huge energy saving due to longer running period, few defrosting cycles and shorter defrosting times.

All coils are leak tested with dry nitrogen ensuring leak free coils. All coils are delivered with a holding charge of dry nitrogen once the leak test has been approved by our quality control department

Drain tray

Robust inter-locking aluminium drain tray designed for easy service and maintenance purposes. Drain nozzle mounted at an angle of 90°, with G-thread flat sealing according to DIN-ISO 228-1. Powder coated white externally and also internally for greater corrosion protection

Casing

Enhanced and well supported aluminium casing powder coated white. All rivets, screws and bolts are of stainless steel. Well considered access to inlet and outlet pipe connections and electrical connection

Fan Motors

Powerfull, low noise, internal rotor, axial fan motors in protection class IP44 for all fan diameters 250mm - 400mm and IP66 for all fan diameters 500mm-1000mm.

Winding temperature class for all motors is THCI 155 (IEC 60085). Electrical dimensioning is conducted according to regulation of rotating electrical machines DIN EN 60034-1 and internal balance with protection guard grill according to EN294.

Single phase 230V, 50/60HZ for all fans 250mm-400mm with optional of 3 phase 230V 50Hz/60Hz

Three phase 400V 50Hz or 480V 60Hz for all fans 500mm-1000mm optional available for all other voltages of 4poles, 6poles, 8 poles and 12 poles. Reliability and low power consumption.

Please refer to the nameplate for more information.

Admissible air temperature -40 °C to +60 °C

All fans are pre-wired to the weather proof terminal box, tested and approved by electrical department at factory to secure safety and optimal operation of the motors

Sound

Comply to standard procedure for calculation of sound pressure level according to EN13487

Defrosting

Powerful electrical defrost with long lasting heaters. Type designation E

Hot gas defrost. Type designation H. Air defrost. Type designation A

Pakaging

All EKA-KOOL's units delivered packaged in instalation position without mounted drain tray. The drain tray is set on the side to prevent any damage to the tray during transportation. With interlocking system, the tray can easily be mounted under the unit. All units small than EKA1.040-16 packaged in strong and robust carton box. All units larger than EKA1/EKL1/EKC1-040-16 packaged in a wooden case

Accessories

Fan motors, fan blade (rotors), electrical heaters, drain tray, feet for floor mounting, wall brackets, electrical box. Please consult with our service department for more information info@eka-kool.com

Your success is our success



EKA-KOOL®, the specialist in fin & tube heat exchangers technology proudly presents to the market its unique design evaporator series serving the refrigeration and air-conditioning industries.

EKA-KOOL® stands for efficiency, value for your investment, true performer and a trustworthy partner to your business.

EKA-KOOL®'s heat exchangers in operation



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Subject to technical amendments without prior notice. Apply to our general terms and conditions of sales which can be found on our website and on request

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