

KAB Series Remote Air Cooled Condensers with EC fan motors

Karyer KAB series remote air cooled condensers are designed for high efficiency to provide professional solutions for industrial coolrooms, freezer applications, chillers and air conditioning projects.

KAB series condensers can be installed horizontally or vertically without having to order separate mounting kits.

KAB series condensers are supplied with corrugated aluminium fin surface and optimum tube diameters for excellent heat transfer in order to increase efficiency.

These condensers have a maximum operating pressure of 32 bar, are supplied with 2.1mm fin spacings plus a Gold Epoxy fin treatment.

KAB EC fan condensers are factory fitted with the latest EC fan technology by ebm who are renowned worldwide for their quality, reliability and high energy savings with superior performance.

There are three ebm EC fan motor assemblies utilised in KAB series condensers:

- 1) 500mm 230V-1Ph-50Hz - ebm S3G500-AK07-G1 fan assembly
- 2) 630mm 400V-3Ph-50Hz - ebm W3G630-GE55-51 fan assembly
- 3) 800mm 400V-3Ph-50Hz - ebm W3G800-KS39-03 fan assembly

KAB Condensers - Standard Features:

- Quality ebm EC fan motor assemblies 500mm (1ph), 630mm (3ph) & 800mm (3ph)
- High performance coils designed for multiple refrigerants.
- Coils have a maximum operating pressure of 32 bar.
- Aluminium corrugated fin surface with 2.1mm spacings and high-performance copper tube.
- Condensers are supplied with Gold Epoxy fin treatment.
- Condensers are equipped to be installed Horizontally or Vertically.
- Fan motors individually pre-wired to an electrical connection box.
- Stainless steel fasteners - screws, nuts & bolts etc.
- Panels are galvanised sheet coated in Traffic White (RAL 9016) electrostatic powder coating.



KARYER KAB CONDENSERS with EC motors

KAB Series Remote Air Cooled Condensers

500mm EC Fan Motors (230V-1Ph-50Hz.)

Fin Spacing: 2.1mm

Airefrig Model	KAB21SC2500EC1	KAB25SC2500EC1	KAB31SC3500EC1
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R134A 970 rpm (Max Speed)	Watts 1ktd	2070	2440	3070
	Watts 10ktd	20700	24400	30700
	680 rpm	16100	17900	24000
380 rpm	Watts 10ktd	10200	10400	15200

R513A 970 rpm (Max Speed)	Watts 1ktd	2050	2420	3040
	Watts 10ktd	20500	24200	30400
	680 rpm	16000	17800	23800
380 rpm	Watts 10ktd	10200	10400	15200

R404A 970 rpm (Max Speed)	Watts 1ktd	2130	2500	3160
	Watts 10ktd	21300	25000	31600
	680 rpm	16400	18200	24500
380 rpm	Watts 10ktd	10300	10500	15500

R507 970 rpm (Max Speed)	Watts 1ktd	2130	2500	3170
	Watts 10ktd	21300	25000	31700
	680 rpm	16400	18200	24600
380 rpm	Watts 10ktd	10300	10500	15500

R449A 970 rpm (Max Speed)	Watts 1ktd	2150	2520	3200
	Watts 10ktd	21500	25200	32000
	680 rpm	16500	18300	24700
380 rpm	Watts 10ktd	10400	10500	15500

R448A 970 rpm (Max Speed)	Watts 1ktd	2150	2520	3210
	Watts 10ktd	21500	25200	32100
	680 rpm	16600	18300	24800
380 rpm	Watts 10ktd	10400	10500	15500

Note: Based on 43°C Ambient & 53°C Condensing Temperature

*** R449A and R448A refrigerant capacities are calculated at middle points (not dew point) ***

KARYER KAB CONDENSERS with EC motors

KAB Series Remote Air Cooled Condensers

630mm EC Fan Motors (400V-3Ph-50Hz.)

Fin Spacing: 2.1mm

Airefrig Model	KAB39SC2630EC3	KAB45SC2630EC3	KAB58SC3630EC3	KAB77TC4630EC3
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R134A 1000 rpm (Max Speed)	Watts 1ktd	4030	4720	6030	8020
	Watts 10ktd	40300	47200	60300	80200
	680 rpm	30800	34900	46100	61300
	380 rpm	20100	21800	30200	40000

R513A 1000 rpm (Max Speed)	Watts 1ktd	3990	4680	5970	7940
	Watts 10ktd	39900	46800	59700	79400
	680 rpm	30700	34700	45900	60900
	380 rpm	20100	21700	30100	39900

R404A 1000 rpm (Max Speed)	Watts 1ktd	4170	4850	6240	8300
	Watts 10ktd	41700	48500	62400	83000
	680 rpm	31600	35600	47200	62800
	380 rpm	20500	22000	30700	40700

R507 1000 rpm (Max Speed)	Watts 1ktd	4180	4860	6250	8310
	Watts 10ktd	41800	48600	62500	83100
	680 rpm	31600	35600	47300	62900
	380 rpm	20500	22000	30700	40700

R449A 1000 rpm (Max Speed)	Watts 1ktd	4230	4900	6530	8410
	Watts 10ktd	42300	49000	65300	84100
	680 rpm	31800	35800	47700	63400
	380 rpm	20600	22100	30800	40700

R448A 1000 rpm (Max Speed)	Watts 1ktd	4240	4910	6340	8430
	Watts 10ktd	42400	49100	63400	84300
	680 rpm	31900	35900	47700	63500
	380 rpm	20600	22100	30900	40900

Note: Based on 43°C Ambient & 53°C Condensing Temperature

*** R449A and R448A refrigerant capacities are calculated at middle points (not dew point) ***

KARYER KAB CONDENSERS with EC motors

KAB Series Remote Air Cooled Condensers

630mm EC Fan Motors (400V-3Ph-50Hz.)

Fin Spacing: 2.1mm

Airefrig Model	KAB89TC4630EC3	KAB104TC6630EC3	KAB115TC6630EC3	KAB147TC6630EC3
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R134A 1000 rpm (Max Speed)	Watts 1ktd	9390	10940	12070	15290
	Watts 10ktd	93900	109400	120700	152900
	680 rpm	69400	84200	92200	111600
	380 rpm	43200	55800	60100	67600

R513A 1000 rpm (Max Speed)	Watts 1ktd	9310	10860	11960	15130
	Watts 10ktd	93100	108600	119600	151300
	680 rpm	69200	83800	91700	11100
	380 rpm	43100	55700	60000	67400

R404A 1000 rpm (Max Speed)	Watts 1ktd	9650	11280	12490	15770
	Watts 10ktd	96500	112800	124900	157700
	680 rpm	70800	86100	94400	113700
	380 rpm	43700	56700	61000	68300

R507 1000 rpm (Max Speed)	Watts 1ktd	9660	11300	12500	15780
	Watts 10ktd	96600	113000	125000	157800
	680 rpm	70900	86300	94500	113800
	380 rpm	43700	56800	61100	68300

R449A 1000 rpm (Max Speed)	Watts 1ktd	9760	11410	12650	15970
	Watts 10ktd	97600	114100	126500	159700
	680 rpm	71300	86800	95200	114600
	380 rpm	43900	56900	61300	68500

R448A 1000 rpm (Max Speed)	Watts 1ktd	9770	11430	12670	15990
	Watts 10ktd	97700	114300	126700	159900
	680 rpm	71300	86900	95300	114700
	380 rpm	43900	57000	61400	68600

Note: Based on 43°C Ambient & 53°C Condensing Temperature

*** R449A and R448A refrigerant capacities are calculated at middle points (not dew point) ***

KARYER KAB CONDENSERS with EC motors

KAB Series Remote Air Cooled Condensers

800mm EC Fan Motors (400V-3Ph-50Hz.)

Fin Spacing: 2.1mm

Airefrig Model	KAB176SC3800EC3	KAB233TC4800EC3	KAB322TC6800EC3	KAB374TC6800EC3
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R134A 940 rpm (Max Speed)	Watts 1ktd	17200	22600	31300	36900
	Watts 10ktd	172000	226000	313000	369000
	680 rpm	131000	175000	246000	283000
	380 rpm	80000	107000	154000	173000

R513A 940 rpm (Max Speed)	Watts 1ktd	17100	22400	31000	36700
	Watts 10ktd	171000	224000	310000	367000
	680 rpm	131000	174000	244000	282000
	380 rpm	80000	107000	154000	173000

R404A 940 rpm (Max Speed)	Watts 1ktd	17600	23300	32300	37700
	Watts 10ktd	176000	233000	323000	377000
	680 rpm	134000	178000	252000	288000
	380 rpm	81000	108000	157000	175000

R507 940 rpm (Max Speed)	Watts 1ktd	17600	23300	32400	37800
	Watts 10ktd	176000	233000	324000	378000
	680 rpm	134000	179000	252000	289000
	380 rpm	81000	108000	157000	175000

R449A 940 rpm (Max Speed)	Watts 1ktd	17700	23600	32800	38100
	Watts 10ktd	177000	236000	328000	381000
	680 rpm	134000	180000	254000	290000
	380 rpm	81000	108000	157000	176000

R448A 940 rpm (Max Speed)	Watts 1ktd	17800	23700	32800	38100
	Watts 10ktd	178000	237000	328000	381000
	680 rpm	135000	180000	254000	290000
	380 rpm	82000	109000	157000	176000

Note: Based on 43°C Ambient & 53°C Condensing Temperature

*** R449A and R448A refrigerant capacities are calculated at middle points (not dew point) ***

KARYER KAB CONDENSERS with EC motors

KAB Series Remote Air Cooled Condensers

800mm EC Fan Motors (400V-3Ph-50Hz.)

Fin Spacing: 2.1mm

Airefrig Model	KAB466TC8800EC3	KAB495TC8800EC3	KAB536TC10800EC3	KAB584TC10800EC3
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R134A 940 rpm (Max Speed)	Watts 1ktd	45900	48100	51700	56700
	Watts 10ktd	459000	481000	517000	567000
	680 rpm	350000	375000	408000	437000
	380 rpm	213000	233000	258000	267000

R513A 940 rpm (Max Speed)	Watts 1ktd	45700	47600	51000	56200
	Watts 10ktd	457000	476000	510000	562000
	680 rpm	349000	373000	405000	435000
	380 rpm	212000	232000	257000	267000

R404A 940 rpm (Max Speed)	Watts 1ktd	47000	49800	53600	58500
	Watts 10ktd	470000	498000	536000	585000
	680 rpm	356000	384000	419000	447000
	380 rpm	215000	235000	262000	270000

R507 940 rpm (Max Speed)	Watts 1ktd	47000	49800	53700	58500
	Watts 10ktd	470000	498000	537000	585000
	680 rpm	357000	385000	420000	447000
	380 rpm	215000	236000	262000	271000

R449A 940 rpm (Max Speed)	Watts 1ktd	47300	50500	54400	59200
	Watts 10ktd	473000	505000	544000	592000
	680 rpm	358000	388000	424000	450000
	380 rpm	215000	236000	263000	271000

R448A 940 rpm (Max Speed)	Watts 1ktd	47400	50600	54600	59300
	Watts 10ktd	474000	506000	546000	593000
	680 rpm	359000	388000	424000	451000
	380 rpm	216000	236000	263000	271000

Note: Based on 43°C Ambient & 53°C Condensing Temperature

*** R449A and R448A refrigerant capacities are calculated at middle points (not dew point) ***

KARYER KAB CONDENSERS with EC motors

Technical Specifications

Airefrig Model		KAB21SC2500EC1	KAB25SC2500EC1	KAB31SC3500EC1
Coil Configuration		Single Coil	Single Coil	Single Coil
Air Flow (max. speed)	(m ³ /hr)	9352	8128	14029
500mm EC Fans	(Qty)	2	2	3
230/1/50Hz EC Fan Motors	Total Watts	500	500	750
	Total Amps	2.2	2.2	3.3
Inlet Connection	(mm)	1 x 22	1 x 28	1 x 28
Outlet Connection	(mm)	1 x 19	1 x 22	1 x 22
Fin Spacing	(mm)	2.1	2.1	2.1
Heat Exchange Surface Area	(m ²)	95.6	159.1	143
Internal Tube Volume	(l)	10.6	16.9	14.9
Maximum Pressure	(bar)	32	32	32
Dry Weight (**Approximate - TBA)	(kg)	**141	**151	**196
Dimension Diagrams	Horizontal mounting	KAB01H	KAB01H	KAB02H
	Vertical mounting	KAB01V	KAB01V	KAB02V



KARYER KAB CONDENSERS with EC motors

Technical Specifications

Airefrig Model	KAB39SC2630EC3	KAB45SC2630EC3	KAB58SC3630EC3	KAB77TC4630EC3
Coil Configuration	Single Coil	Single Coil	Single Coil	Twin Coil
Air Flow (max. speed) (m ³ /hr)	20226	19204	30339	40300
630mm EC Fans (Qty)	2	2	3	4
400/3/50Hz EC Fan Motors	Total Watts	1400	2100	2800
	Total Amps	2.2	3.3	4.4
Inlet Connection (mm)	1 x 28	1 x 28	1 x 35	2 x 28
Outlet Connection (mm)	1 x 22	1 x 22	1 x 28	2 x 22
Fin Spacing (mm)	2.1	2.1	2.1	2.1
Heat Exchange Surface Area (m ²)	132	176	197	260
Internal Tube Volume (dm ³)	13.6	18.4	19.8	26
Maximum Pressure (bar)	32	32	32	32
Dry Weight (**Approximate - TBA) (kg)	**220	**231	**328	**405
Dimension Diagrams	Horizontal mounting	KAB03H	KAB04H	KAB05H
	Vertical mounting	KAB03V	KAB04V	KAB05V

Airefrig Model	KAB89TC4630EC3	KAB104TC6630EC3	KAB115TC6630EC3	KAB147TC6630EC3
Coil Configuration	Twin Coil	Twin Coil	Twin Coil	Twin Coil
Air Flow (max. speed) (m ³ /hr)	38256	61548	60495	54592
630mm EC Fans (Qty)	4	6	6	6
400/3/50Hz EC Fan Motors	Total Watts	4200	4200	4200
	Total Amps	6.6	6.6	6.6
Inlet Connection (mm)	2 x 28	2 x 35	2 x 35	2 x 42
Outlet Connection (mm)	2 x 22	2 x 28	2 x 28	2 x 35
Fin Spacing (mm)	2.1	2.1	2.1	2.1
Heat Exchange Surface Area (m ²)	347	330	390	651
Internal Tube Volume (dm ³)	35	39.1	39.1	64.9
Maximum Pressure (bar)	32	32	32	32
Dry Weight (**Approximate - TBA) (kg)	**391	**480	**622	**679
Dimension Diagrams	Horizontal mounting	KAB05H	KAB06H	KAB06H
	Vertical mounting	KAB05V	KAB06V	KAB06V

KARYER KAB CONDENSERS with EC motors

Technical Specifications

Airefrig Model	KAB176SC3800EC3	KAB233TC4800EC3	KAB322TC6800EC3	KAB374TC6800EC3
Coil Configuration	Single Coil	Twin Coil	Twin Coil	Twin Coil
Air Flow (max. speed) (m ³ /hr)	62119	81885	128446	137520
800mm EC Fans (Qty)	3	4	6	6
400/3/50Hz EC Fan Motors	Total Watts	5850	7800	11700
	Total Amps	9.3	12.4	18.6
Inlet Connection (mm)	1 x 42	2 x 42	2 x 42	2 x 54
Outlet Connection (mm)	1 x 42	2 x 35	2 x 35	2 x 42
Fin Spacing (mm)	2.1	2.1	2.1	2.1
Heat Exchange Surface Area (m ²)	678.5	1201.2	1441.4	1976.8
Internal Tube Volume (dm ³)	74.1	140.8	167.3	221.9
Maximum Pressure (bar)	32	32	32	32
Dry Weight (**Approximate - TBA) (kg)	**653	**756	**1122	**1387
Dimension Diagrams	Horizontal mounting	KAB07H	KAB08H	KAB09H
	Vertical mounting	KAB07V	KAB08V	KAB09V

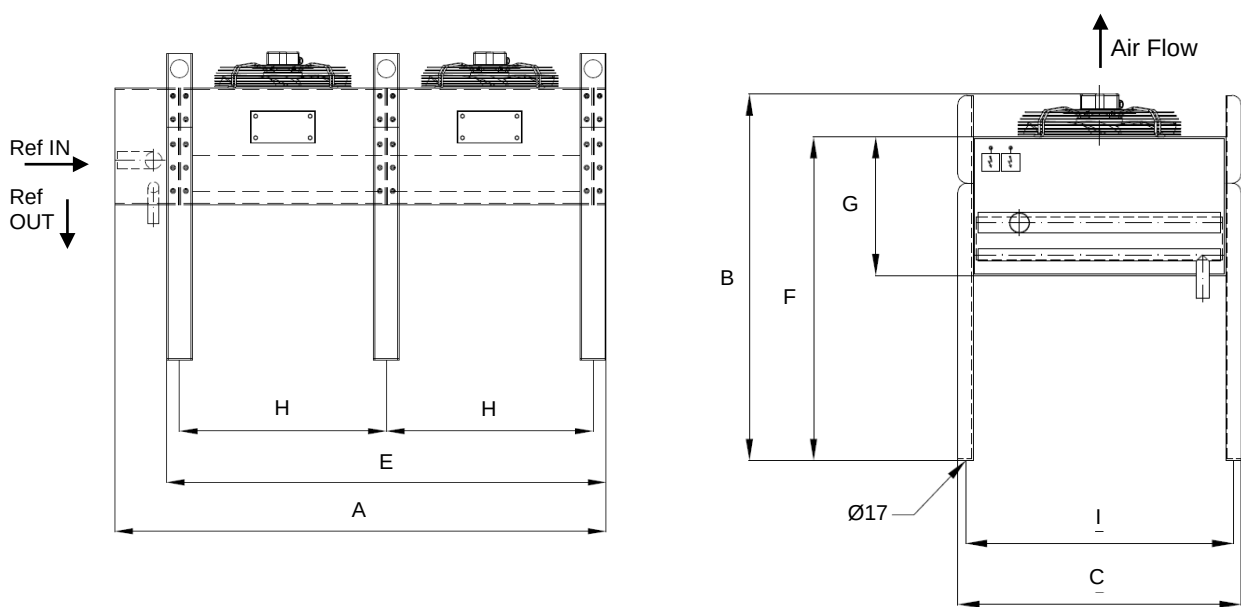
Airefrig Model	KAB466TC8800EC3	KAB495TC8800EC3	KAB536TC10800EC3	KAB584TC10800EC3
Coil Configuration	Twin Coil	Twin Coil	Twin Coil	Twin Coil
Air Flow (max. speed) (m ³ /hr)	163769	183361	214111	204711
800mm EC Fans (Qty)	8	8	10	10
400/3/50Hz EC Fan Motors	Total Watts	15600	15600	19500
	Total Amps	24.8	24.8	31.0
Inlet Connection (mm)	2 x 54	2 x 54	2 x 54	2 x 54
Outlet Connection (mm)	2 x 42	2 x 42	2 x 42	2 x 42
Fin Spacing (mm)	2.1	2.1	2.1	2.1
Heat Exchange Surface Area (m ²)	2402.4	2635.8	2402.4	3003
Internal Tube Volume (dm ³)	273.7	293.9	269.4	336.7
Maximum Pressure (bar)	32	32	32	32
Dry Weight (**Approximate - TBA) (kg)	**1640	**1756	**1750	**2024
Dimension Diagrams	Horizontal mounting	KAB10H	KAB10H	KAB11H
	Vertical mounting	KAB10V	KAB10V	KAB11V

KARYER KAB CONDENSERS with EC motors

Condenser Dimensions

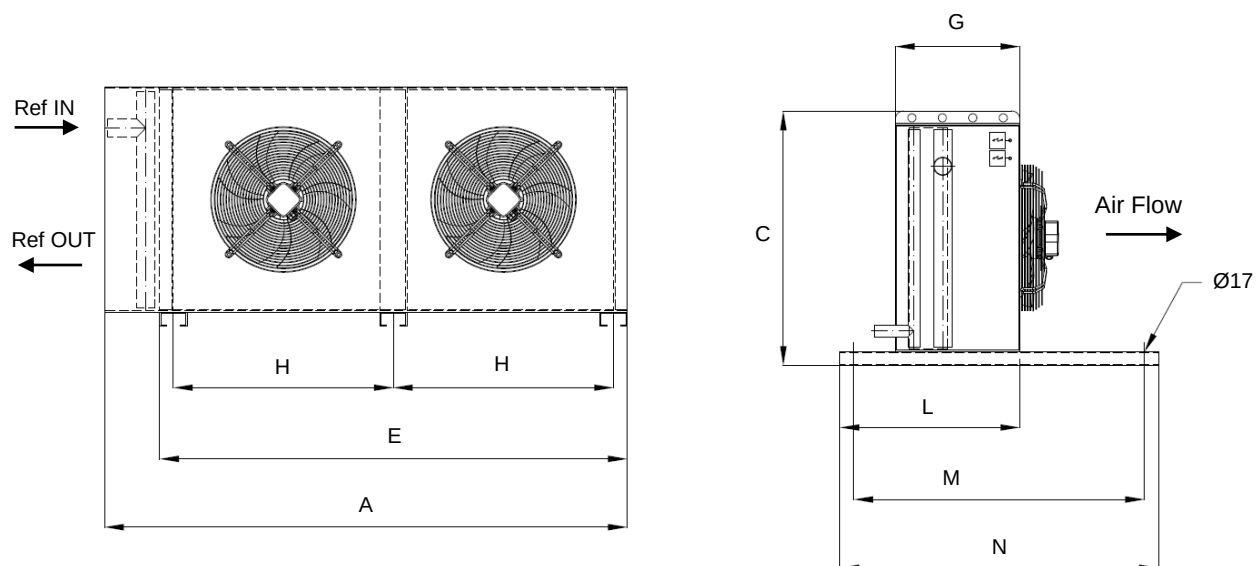
Horizontal Mount - Dimension Diagram: KAB01H

Condenser Model (2 x 500mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB21SC2500EC1	1600	1200	920	1400	1050	450	650	870
KAB25SC2500EC1	1600	1200	920	1400	1050	450	650	870



Vertical Mount - Dimension Diagram: KAB01V

Condenser Model (2 x 500mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB21SC2500EC1	1600	920	1400	450	650	650	1155	1255
KAB25SC2500EC1	1600	920	1400	450	650	650	1155	1255

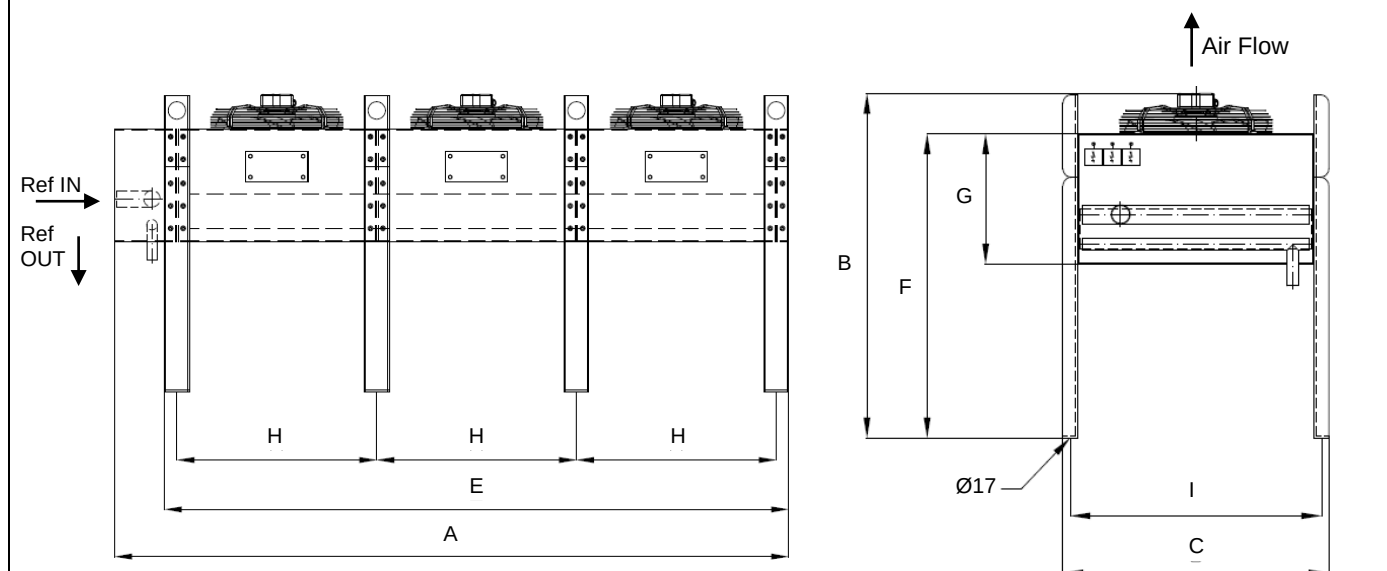


KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

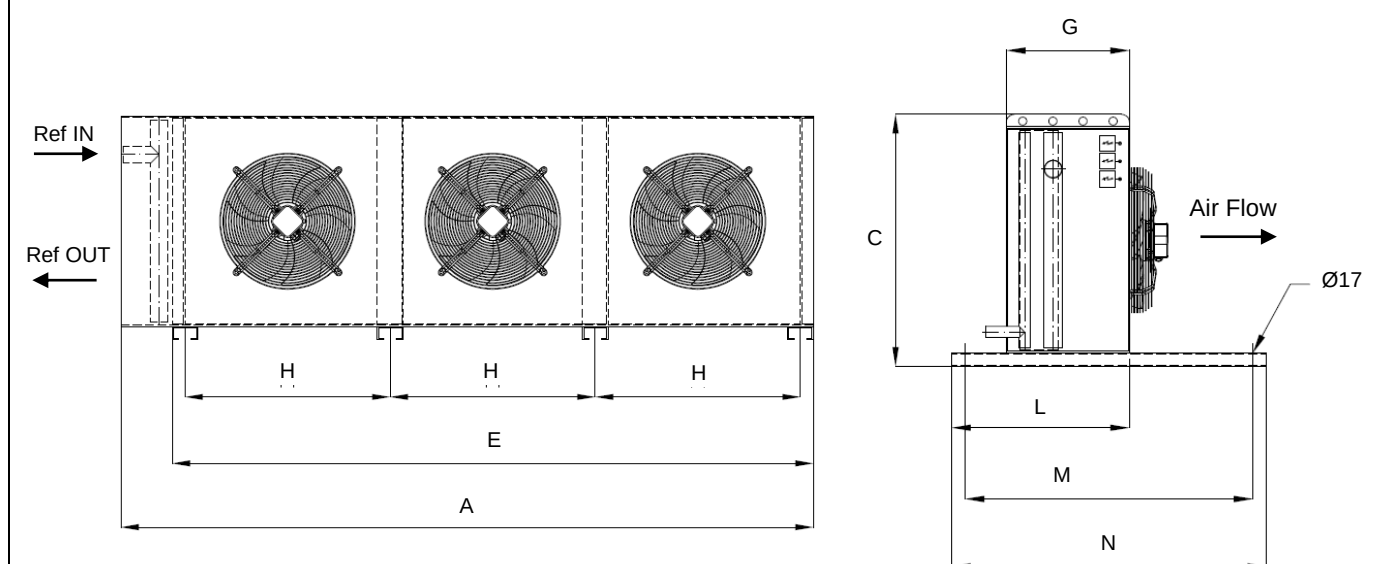
Horizontal Mount - Dimension Diagram: KAB02H

Condenser Model (3 x 500mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB31SC3500EC1	2250	1200	920	2050	1050	450	650	870



Vertical Mount - Dimension Diagram: KAB02V

Condenser Model (3 x 500mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB31SC3500EC1	2250	920	2050	450	650	650	1155	1255



KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

Horizontal Mount - Dimension Diagram: KAB03H

Condenser Model (2 x 630mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB39SC2630EC3	2000	1200	1230	1700	1050	450	850	1180
KAB45SC2630EC3	2000	1200	1230	1700	1050	450	850	1180

Vertical Mount - Dimension Diagram: KAB03V

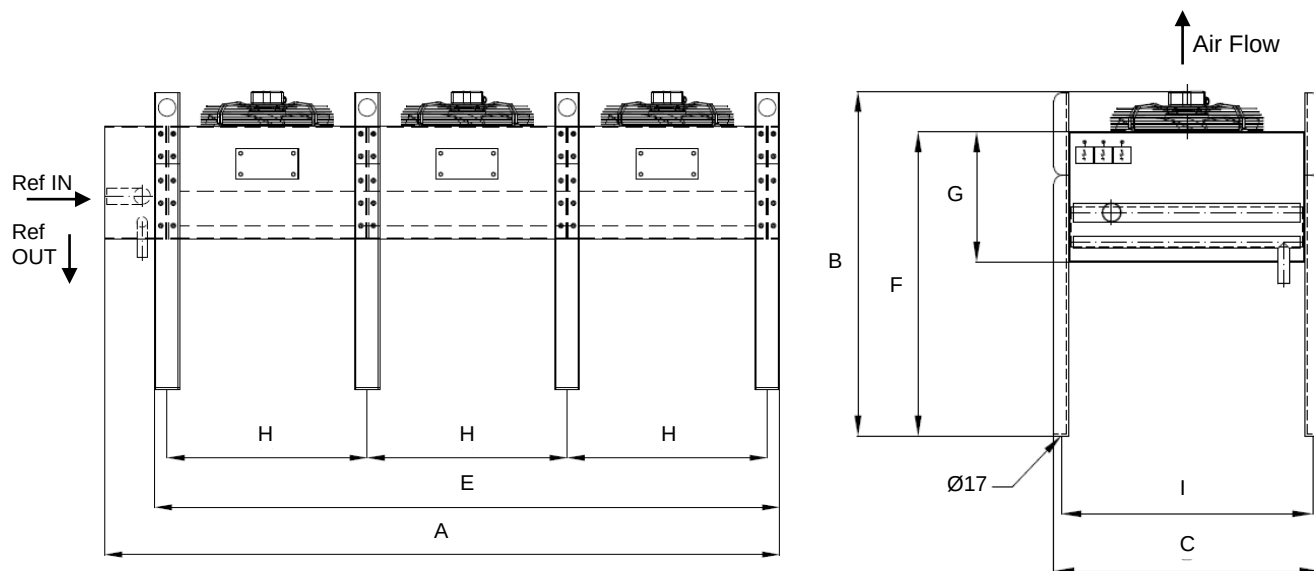
Condenser Model (2 x 630mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB39SC2630EC3	2000	1230	1700	450	850	650	1155	1255
KAB45SC2630EC3	2000	1230	100	450	850	650	1155	1255

KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

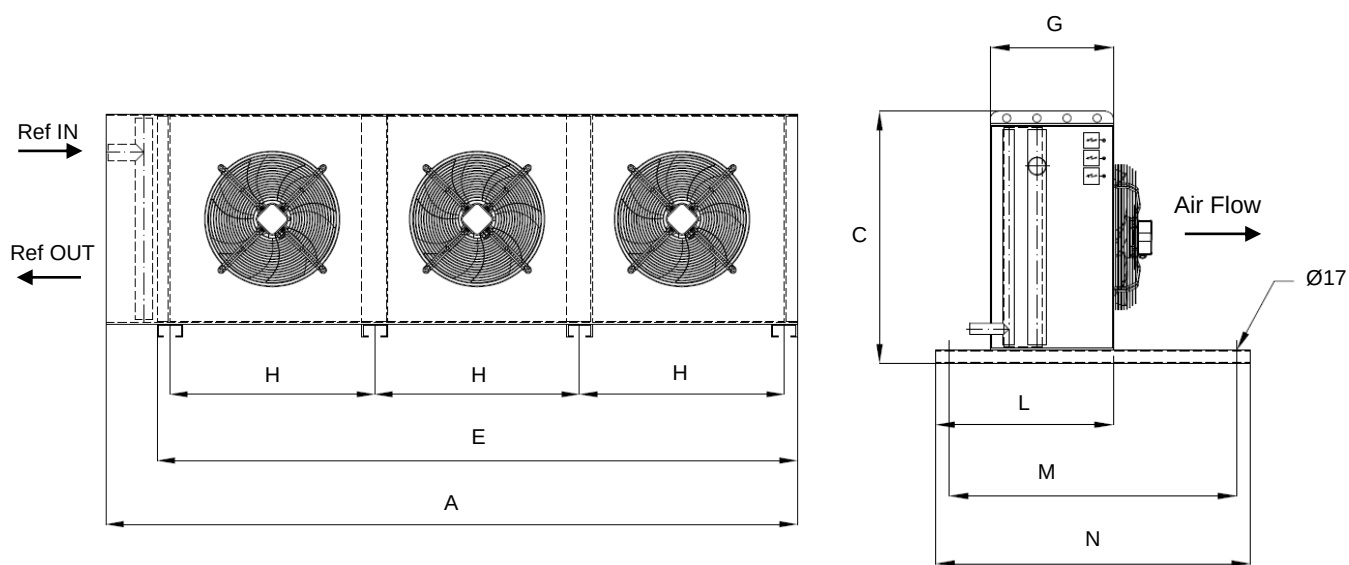
Horizontal Mount - Dimension Diagram: KAB04H

Condenser Model (3 x 630mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB58SC3630EC3	2850	1200	1230	2650	1050	450	850	1180



Vertical Mount - Dimension Diagram: KAB04V

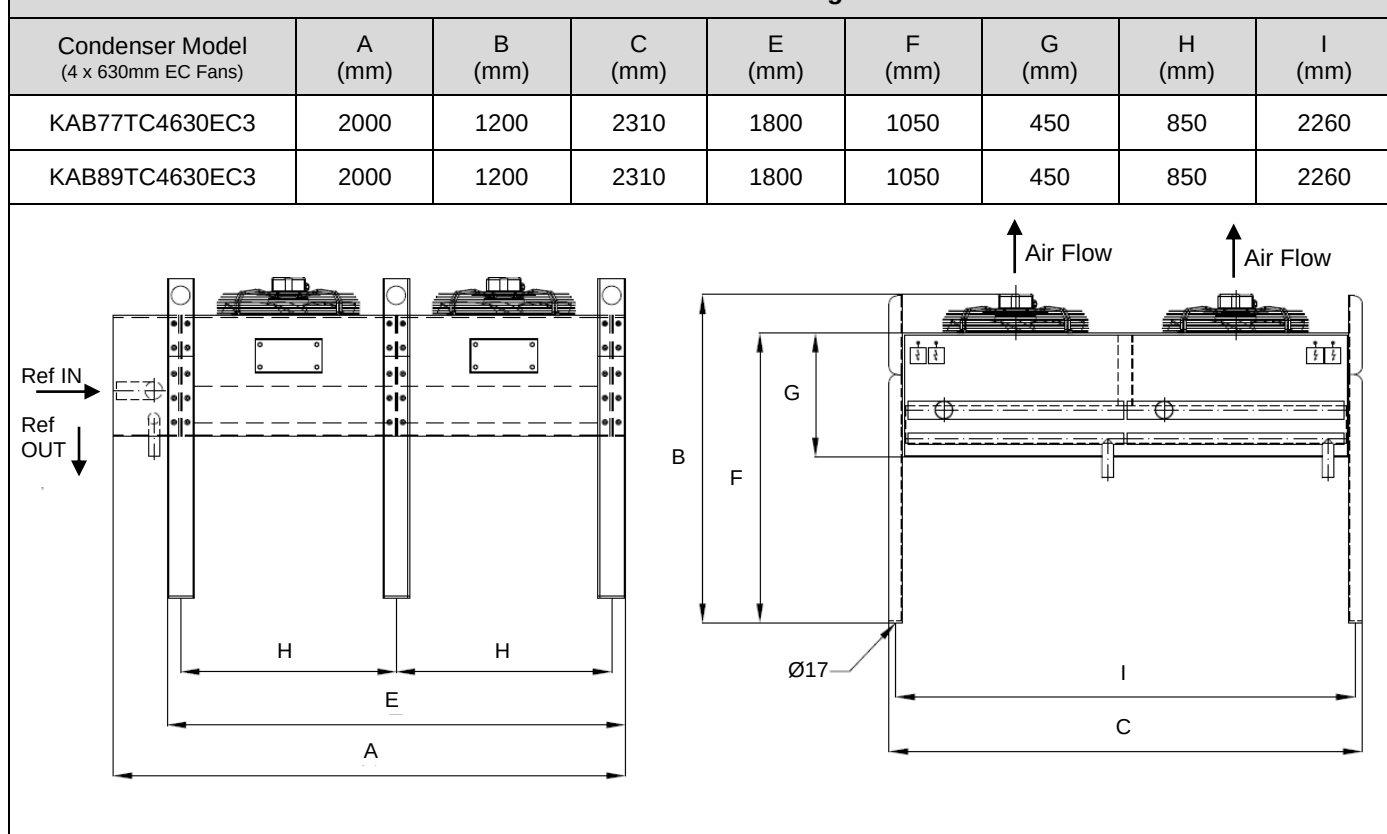
Condenser Model (3 x 630mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB58SC3630EC3	2850	1230	2650	450	850	650	1155	1255



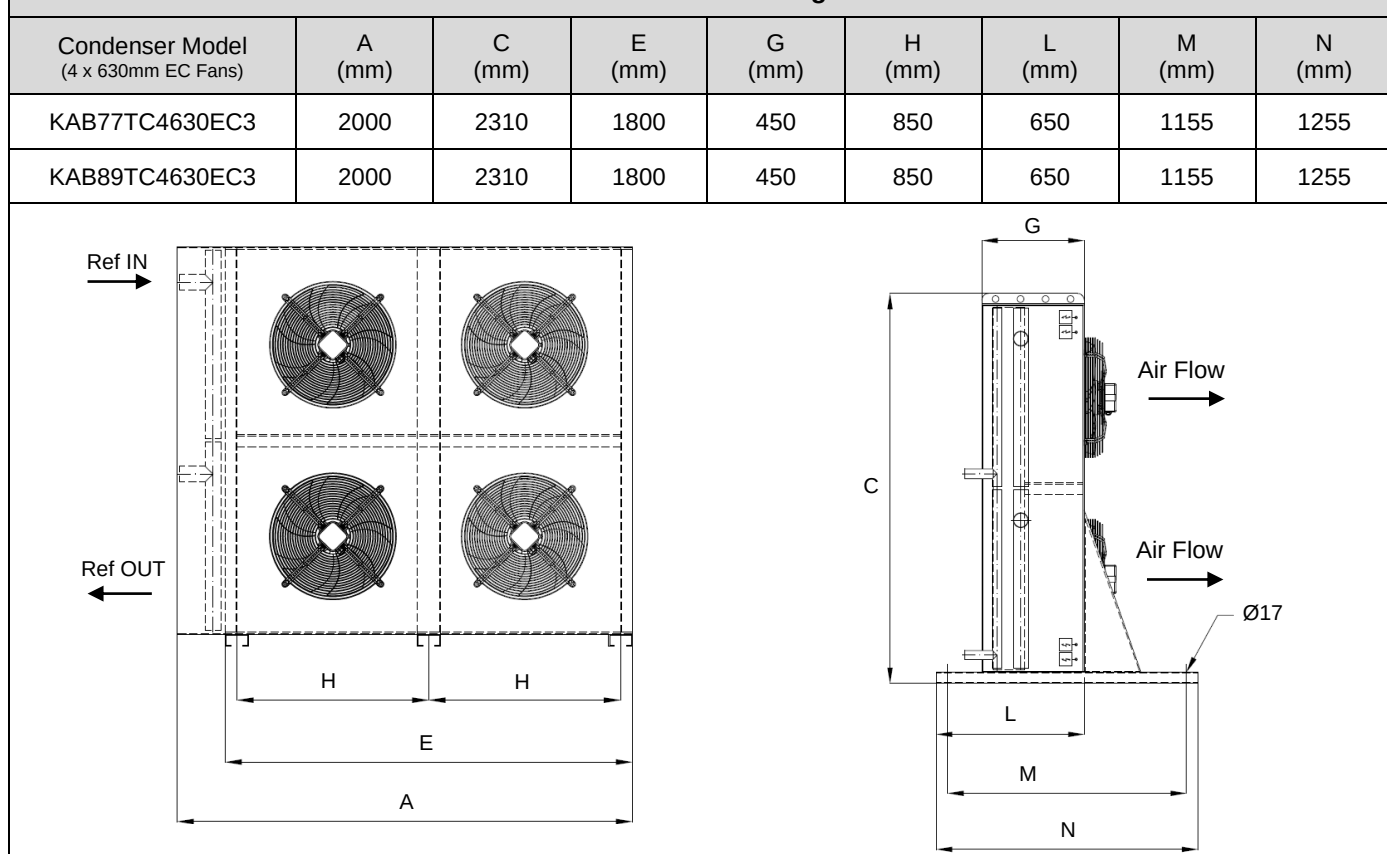
KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

Horizontal Mount - Dimension Diagram: KAB05H



Vertical Mount - Dimension Diagram: KAB05V

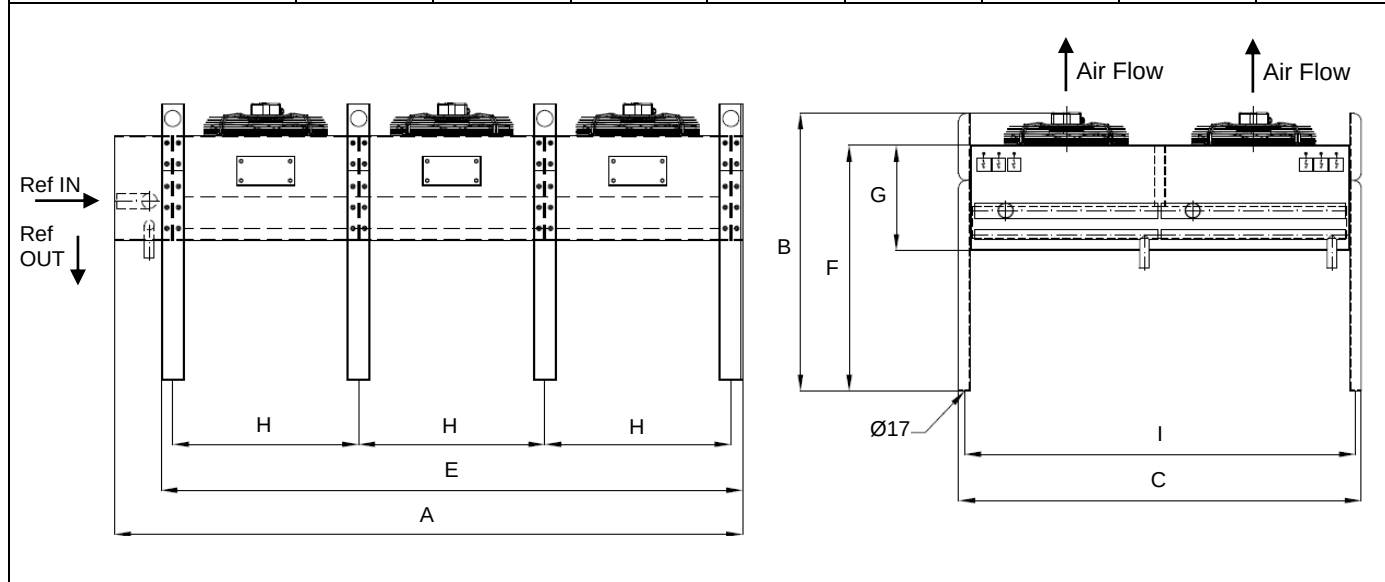


KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

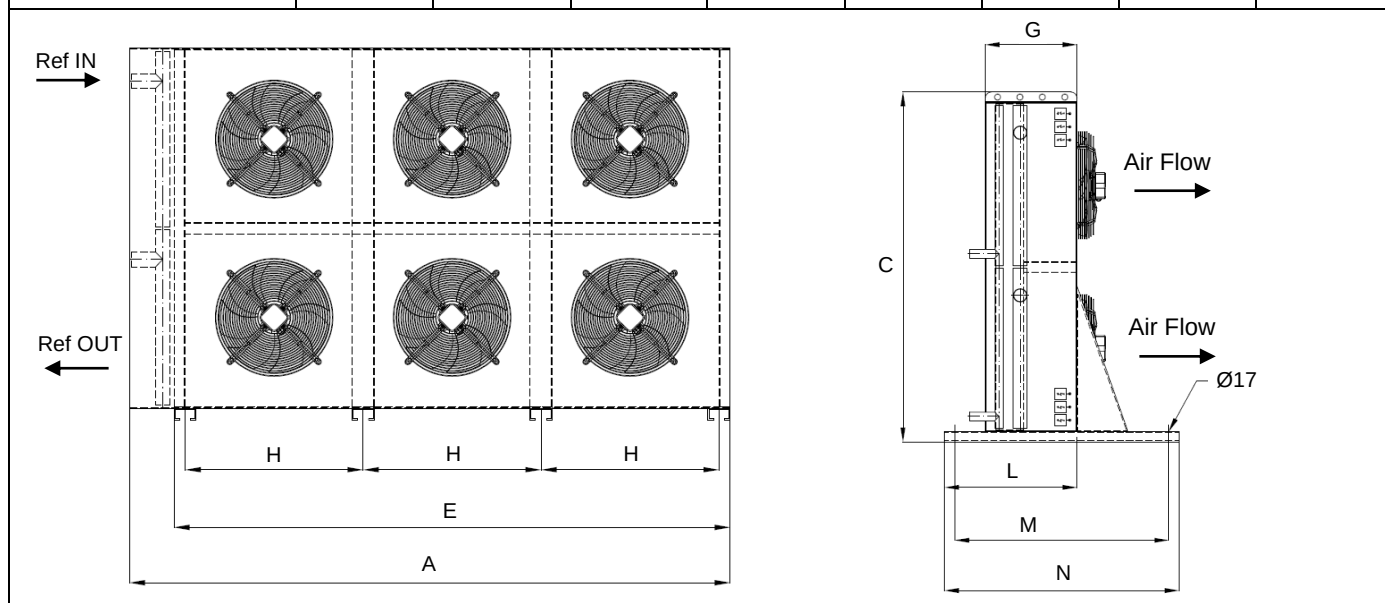
Horizontal Mount - Dimension Diagram: KAB06H

Condenser Model (6 x 630mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB104TC6630EC3	2850	1200	2310	2650	1050	450	850	2260
KAB115TC6630EC3	2850	1200	2310	2650	1050	450	850	2260
KAB147TC6630EC3	2850	1200	2310	2650	1050	450	850	2260



Vertical Mount - Dimension Diagram: KAB06V

Condenser Model (6 x 630mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB104TC6630EC3	2850	2310	2650	450	850	650	1155	1255
KAB115TC6630EC3	2850	2310	2650	450	850	650	1155	1255
KAB147TC6630EC3	2850	2310	2650	450	850	650	1155	1255

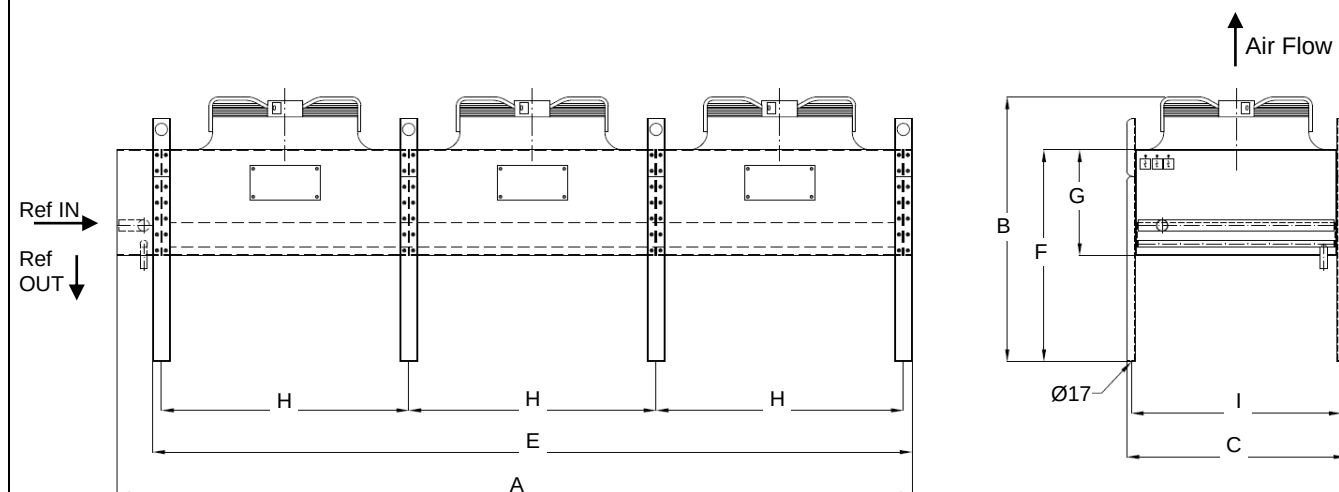


KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

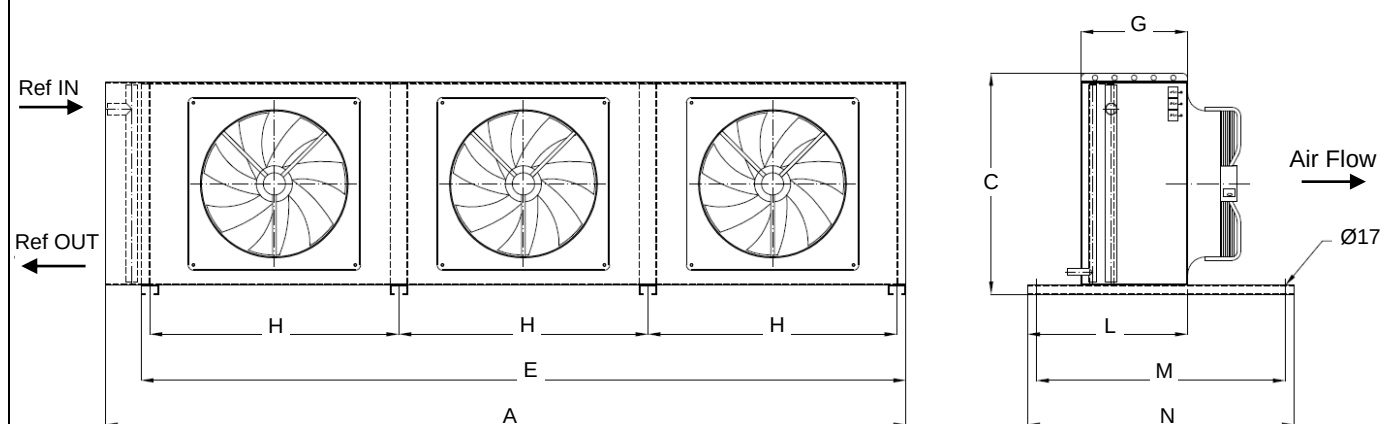
Horizontal Mount - Dimension Diagram: KAB07H

Condenser Model (3 x 800mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB176SC3800EC3	5550	1520	1230	5350	1050	450	1750	1180



Vertical Mount - Dimension Diagram: KAB07V

Condenser Model (3 x 800mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB176SC3800EC3	5550	1230	5350	450	1750	650	1155	1255

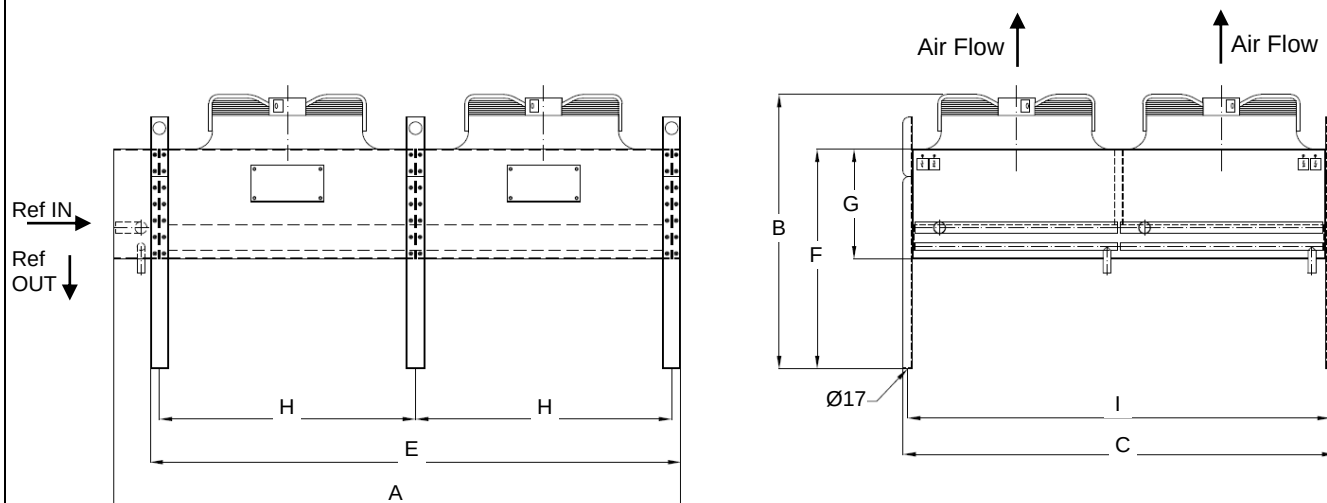


KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

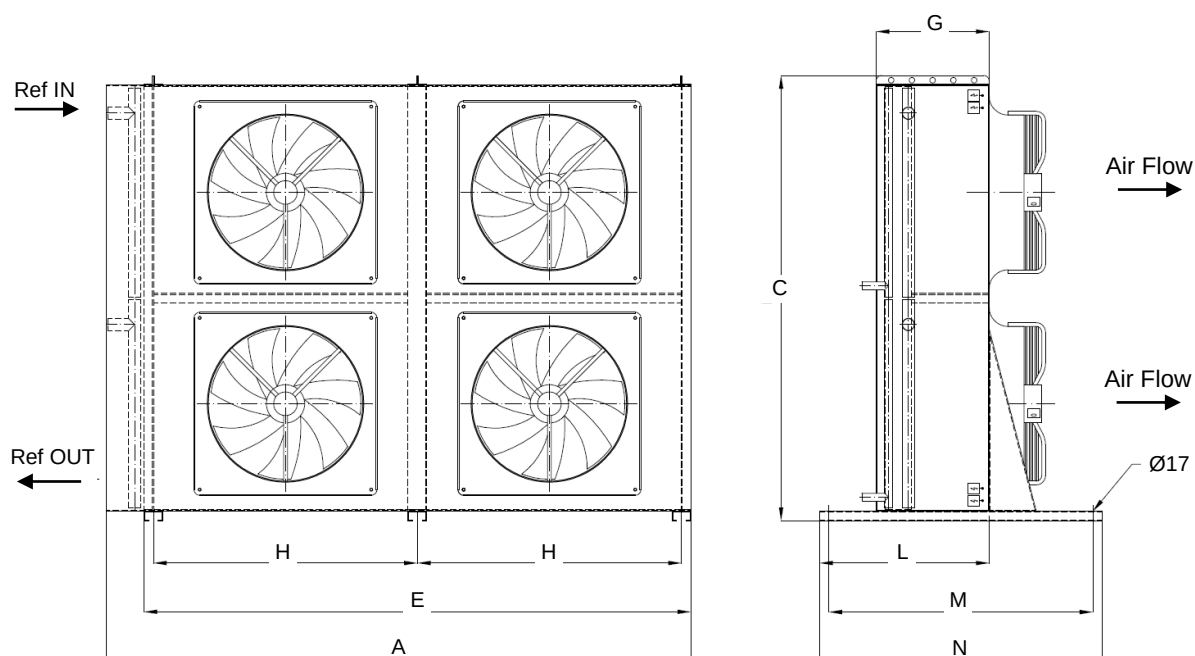
Horizontal Mount - Dimension Diagram: KAB08H

Condenser Model (4 x 800mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB233TC4800EC3	3800	1350	2360	3600	1050	450	1750	2310



Vertical Mount - Dimension Diagram: KAB08V

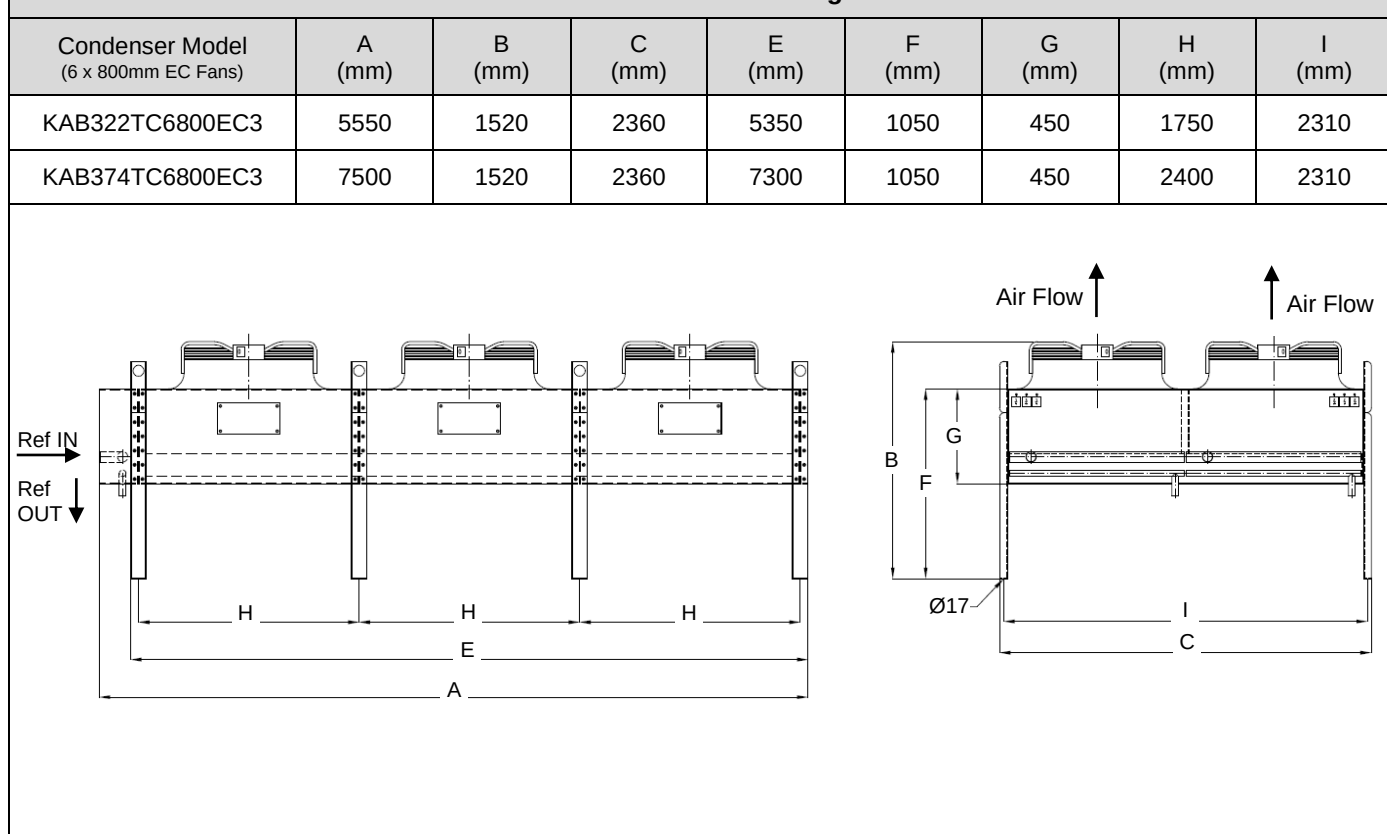
Condenser Model (4 x 800mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB233TC4800EC3	3800	2360	3600	450	1750	650	1155	1255



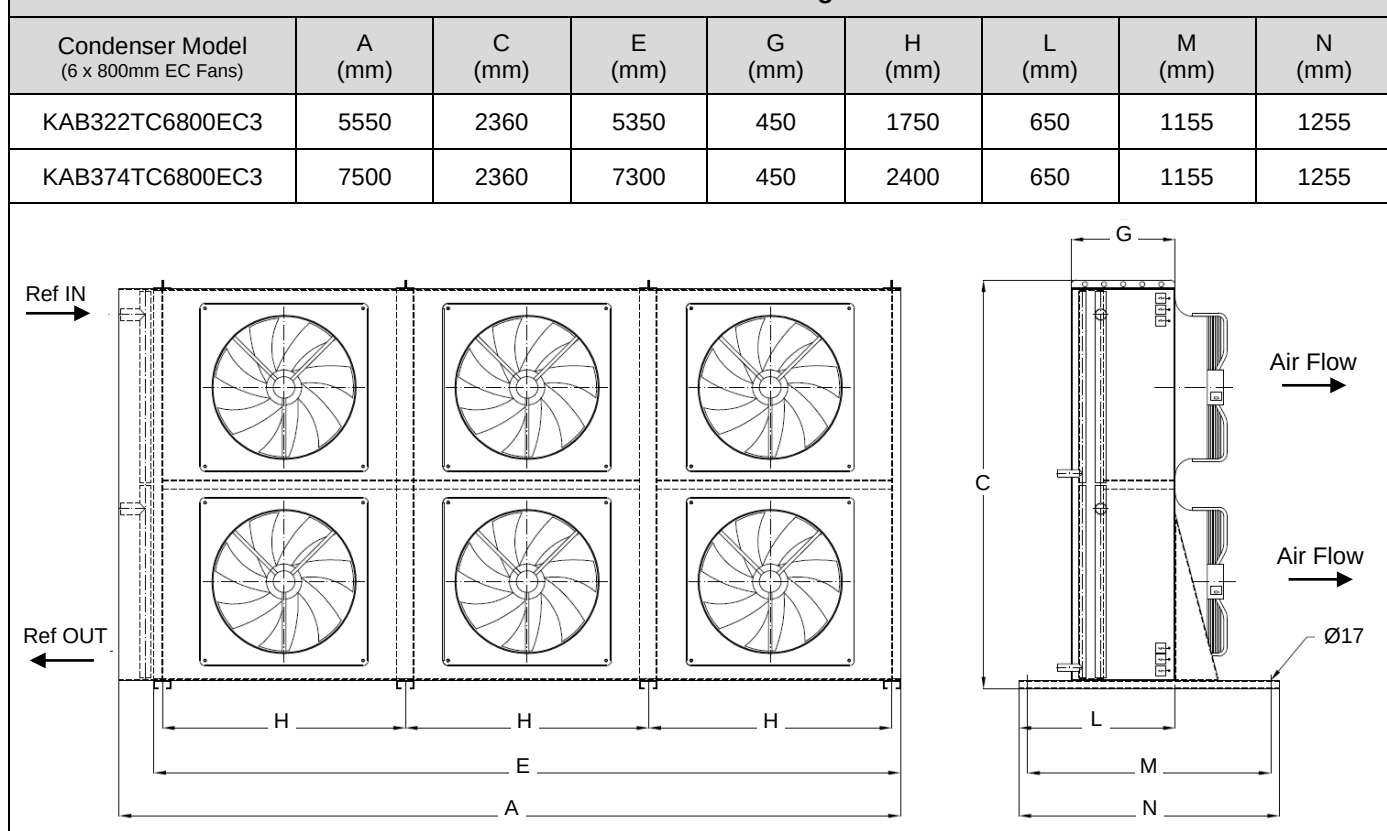
KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

Horizontal Mount - Dimension Diagram: KAB09H



Vertical Mount - Dimension Diagram: KAB9V

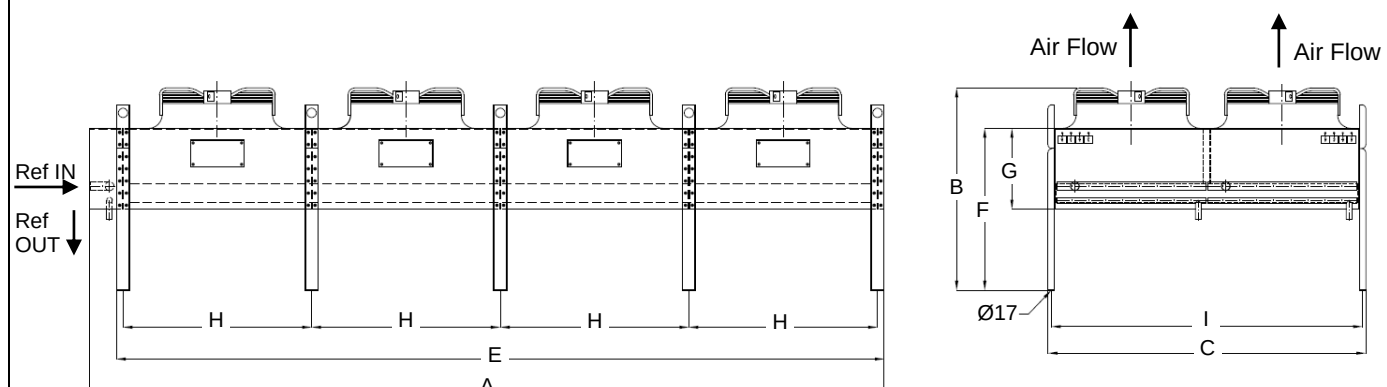


KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

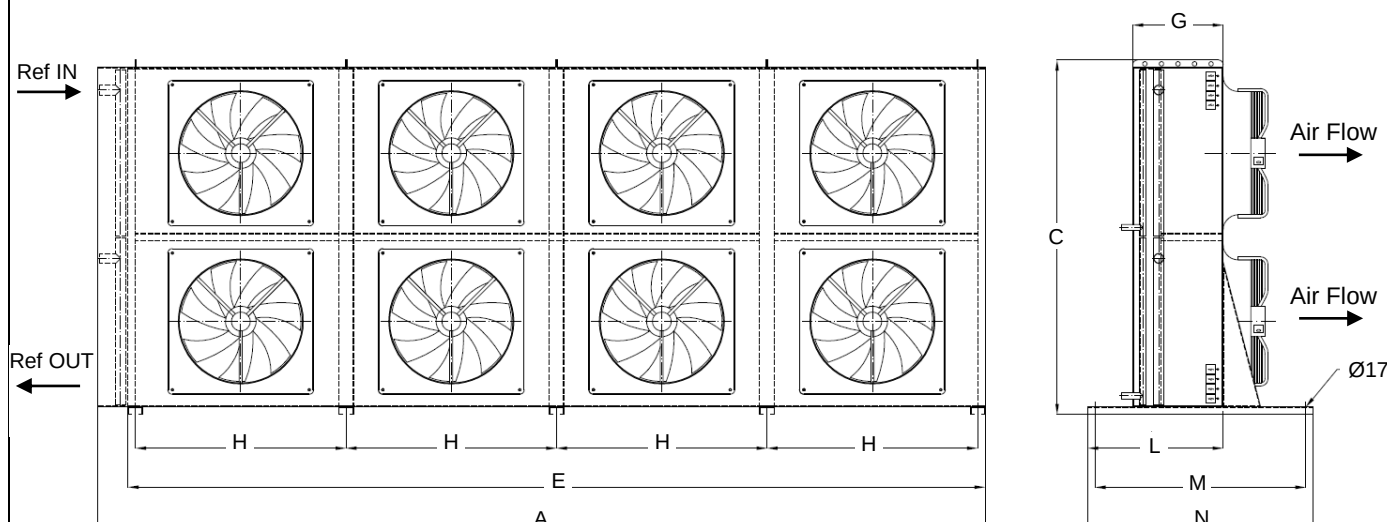
Horizontal Mount - Dimension Diagram: KAB10H

Condenser Model (8 x 800mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB466TC8800EC3	7300	1520	2360	7100	1050	450	1750	2310
KAB495TC8800EC3	9900	1520	2360	9700	1050	450	2400	2310



Vertical Mount - Dimension Diagram: KAB10V

Condenser Model (8 x 800mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB466TC8800EC3	7300	2360	7100	450	1750	650	1155	1255
KAB495TC8800EC3	9900	2360	9700	450	2400	650	1155	1255

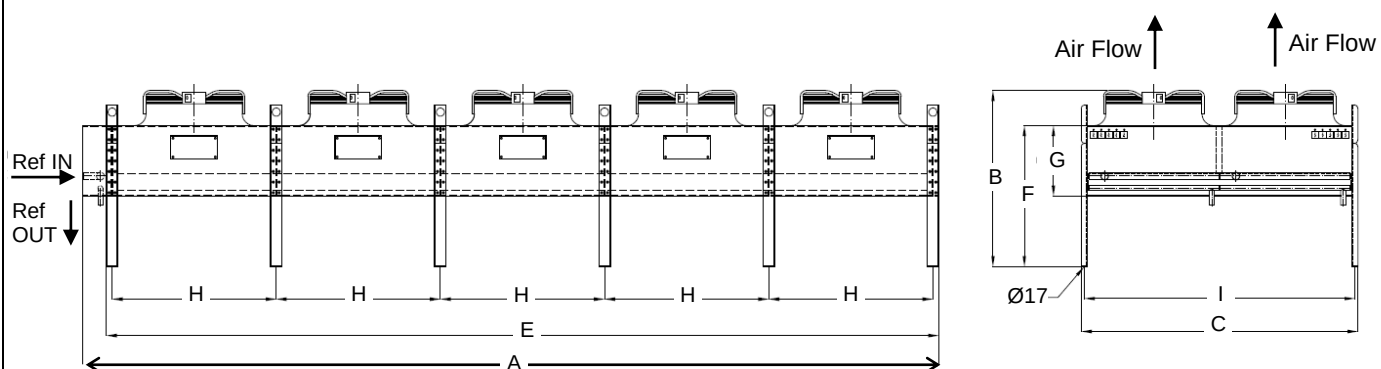


KARYER KAB CONDENSERS with EC motors

Condenser Dimensions (cont'd)

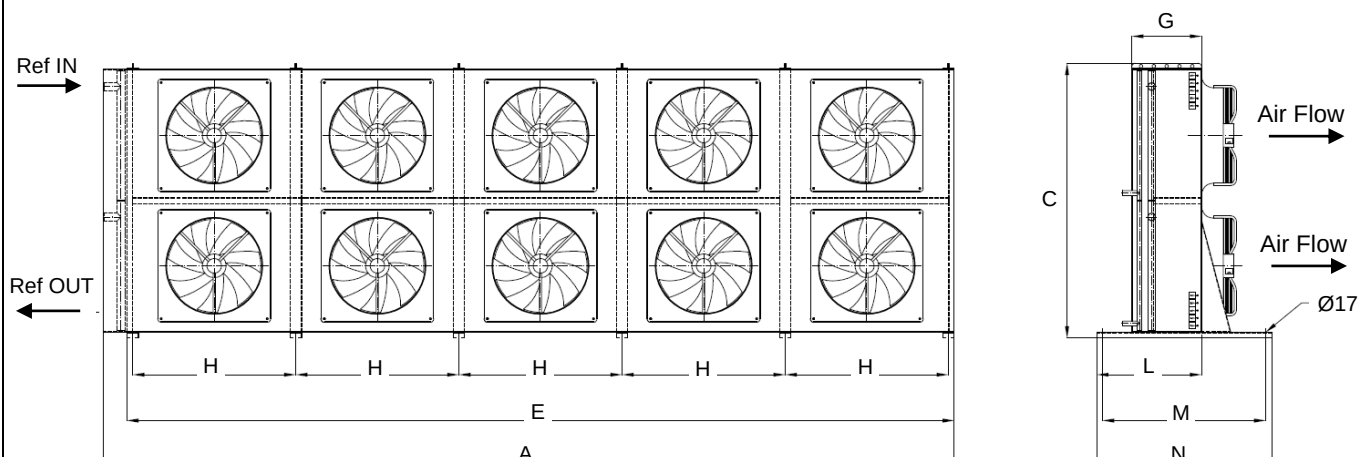
Horizontal Mount - Dimension Diagram: KAB11H

Condenser Model (10 x 800mm EC Fans)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
KAB536TC10800EC3	9050	1520	2360	8850	1050	450	1750	2310
KAB584TC10800EC3	9050	1520	2360	8850	1050	450	1750	2310



Vertical Mount - Dimension Diagram: KAB11V

Condenser Model (10 x 800mm EC Fans)	A (mm)	C (mm)	E (mm)	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)
KAB536TC10800EC3	9050	2360	8850	450	1750	650	1155	1255
KAB584TC10800EC3	9050	2360	8850	450	1750	650	1155	1255



KARYER KAB CONDENSERS with EC motors

Condenser Shipping Dimensions & Weights

KAB Condenser Models	Shipping Package Dimensions			Shipping Weight (Kg)
	Depth (mm)	Width (mm)	Height (mm)	

500mm Diameter Fans

**Approximate - TBA

KAB21SC2500EC1	950	1650	1060	**186
KAB25SC2500EC1	950	1650	1060	**206
KAB31SC3500EC1	950	1650	1060	**265

630mm Diameter Fans

KAB39SC2630EC3	950	2050	1370	**310
KAB45SC2630EC3	950	2050	1370	**322
KAB58SC3630EC3	950	2800	1370	**378
KAB77TC4630EC3	950	2050	2450	**460
KAB89TC4630EC3	950	2050	2450	**498
KAB104TC6630EC3	950	2800	2450	**591
KAB115TC6630EC3	950	2800	2450	**742
KAB147TC6630EC3	950	2800	2450	**799

800mm Diameter Fans

KAB176SC3800EC3	1020	5670	1450	**808
KAB233TC4800EC3	1020	3870	2510	**927
KAB322TC6800EC3	1020	5670	2510	**1371
KAB374TC6800EC3	1020	7620	2510	**1636
KAB466TC8800EC3	1020	7420	2510	**1967
KAB495TC8800EC3	1020	10020	2510	**2200
KAB536TC10800EC3	1020	9170	2510	**2156
KAB584TC10800EC3	1020	9170	2510	**2430

Note: Shipping package dimensions and shipping weights are subject to change and should be used as a guide only.

KARYER KAB CONDENSERS with EC motors

Condenser Spare Parts

KAB Condenser Models	Fan Motor Qty	ebm - EC Fan Motors		
		Model	Fan Diameter	Voltage

500mm Diameter Fans

KAB21SC2500EC1	2	S3G500-AK07-G1	500mm	230V / 1 Phase / 50Hz
KAB25SC2500EC1	2			
KAB31SC3500EC1	3			

630mm Diameter Fans

KAB39SC2630EC3	2	W3G630-GE55-51	630mm	400V / 3 Phase / 50Hz
KAB45SC2630EC3	2			
KAB58SC3630EC3	3			
KAB77TC4630EC3	4			
KAB89TC4630EC3	4			
KAB104TC6630EC3	6			
KAB115TC6630EC3	6			
KAB147TC6630EC3	6			

800mm Diameter Fans

KAB176SC3800EC3	3	W3G800-KS39-03	800mm	400V / 3 Phase / 50Hz
KAB233TC4800EC3	4			
KAB322TC6800EC3	6			
KAB374TC6800EC3	6			
KAB466TC8800EC3	8			
KAB495TC8800EC3	8			
KAB536TC10800EC3	10			
KAB584TC10800EC3	10			