

UNIT COOLER STANDARD FEATURES

K-TYPE



- High efficient Inner grooved copper tube (DIA. 1/2").
- PIPE PITCH 33mm × 38.1mm.
- Electric defrost (U-heater)
- Voltage : 3Ph 380V 50Hz.
- Application for medium & large warehouse.
- THERMOSTAT to prevent over-heat.
- Easy to access terminal plate.



MODEL NOMENCLATURE

K	1 0 0	E	M	3	3	5
Model	Equiv. HP		Temp. Range	Phase	Power	Hz
K	1 0 0 = 10 HP	E = Electric	M = Medium Temp.	3 = 3Ph	3 = 380V	5 = 50Hz
	1 5 0 = 15 HP	Defrost	(-10 ~ -5°C)			6 = 60Hz
	2 0 0 = 20 HP		L = Low Temp.			
	2 5 0 = 25 HP		(-30 ~ -20°C)			
	3 0 0 = 30 HP		F = Freeze			
	3 5 0 = 35 HP		(-40 ~ -30°C)			
	4 0 0 = 40 HP					
	4 5 0 = 45 HP					

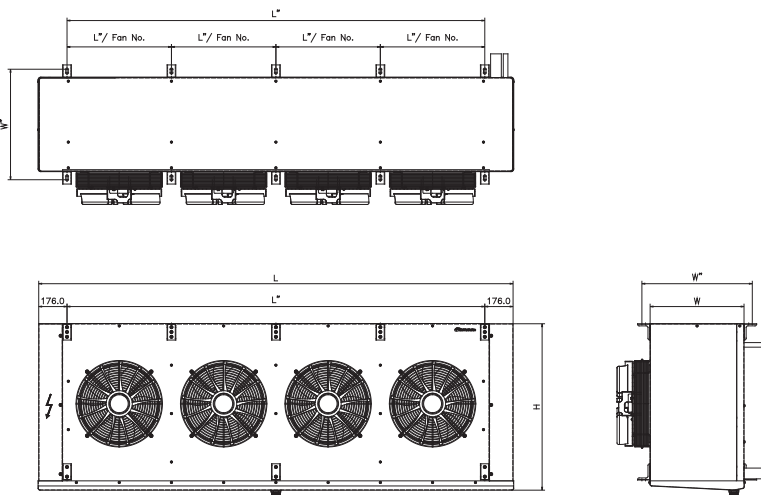
K Cooling Capacity & Electric Data - 50Hz

Model	Nominal capacity R404A				Air Surface	Air volume	Air throw	Sound	Tube volume	Fan data			Connection			Defrost heater		Weight	
	Fin spacing	DT1=8K	DT1=7K	DT1=6K						Power input	Inlet	Outlet	Drain	Coil	Drain	Fan			
	mm	t ₀ =8°C	t ₀ =25°C	t ₀ =40°C						W	Voltage	mm	mm	A	kW x No	kg			
	W	W	W	m ²						m ³ /h	m	dB(A)5m	dm ³	Ø x St	W	W			
K100EM	6.5	14257	10266	-	43.4	16632	32.0	56	15.1	500 x 2	1540	400V 3Ph 50Hz	15.9	34.9	40	1.90kW x 3	0.98kW x 2	0.60kW x 2	127
K150EM	6.5	21950	16163	-	65.1	15576	31.0	56	22.7	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	1.90kW x 6	0.98kW x 2	0.60kW x 2	152
K200EM	6.5	26529	19696	-	81.3	16709	32.0	56	27.9	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	2.33kW x 6	1.19kW x 2	0.60kW x 2	172
K250EM	6.5	32492	24122	-	97.6	15336	29.0	56	33.5	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	2.33kW x 6	1.19kW x 2	0.60kW x 2	185
K300EM	6.5	35642	26575	-	108.4	16044	30.0	56	37.2	500 x 2	1540	400V 3Ph 50Hz	22.2	54.0	40	2.33kW x 6	1.19kW x 2	0.60kW x 2	199
K350EM	6.5	43955	32648	-	130.1	21348	31.0	58	44.2	500 x 3	2310	400V 3Ph 50Hz	22.2	54.0	40	2.75kW x 6	1.40kW x 2	0.60kW x 3	243
K400EM	6.5	49139	36688	-	146.7	23076	32.0	58	49.5	500 x 3	2310	400V 3Ph 50Hz	22.2	66.7	40	3.07kW x 6	1.56kW x 2	0.60kW x 3	262
K450EM	6.5	55495	41647	-	169.2	24336	32.0	58	57.5	500 x 3	2310	400V 3Ph 50Hz	28.6	66.7	40	2.75kW x 8	1.40kW x 2	0.60kW x 3	292
K100EL	8.0	20222	14943	-	54.2	15624	31.0	56	22.7	500 x 2	1540	400V 3Ph 50Hz	15.9	34.9	40	1.90kW x 6	0.98kW x 2	0.60kW x 2	152
K150EL	8.0	26816	19847	-	72.3	14280	30.0	56	30.2	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	1.90kW x 6	0.98kW x 2	0.60kW x 2	175
K200EL	8.0	32683	24423	-	90.4	16080	31.0	56	37.2	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	2.33kW x 6	1.19kW x 2	0.60kW x 2	199
K250EL	8.0	37763	28368	-	108.4	16901	30.0	56	44.7	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	2.33kW x 8	1.19kW x 2	0.60kW x 2	227
K300EL	8.0	47390	35477	-	129.2	23742	32.0	58	52.9	500 x 3	2310	400V 3Ph 50Hz	22.2	54.0	40	2.54kW x 8	1.29kW x 2	0.60kW x 3	278
K350EL	8.0	50860	38211	-	141.0	24390	32.0	58	57.5	500 x 3	2310	400V 3Ph 50Hz	22.2	54.0	40	2.75kW x 8	1.40kW x 2	0.60kW x 3	293
K400EL	8.0	55878	42101	-	158.9	25178	32.0	58	64.4	500 x 3	2310	400V 3Ph 50Hz	22.2	66.7	40	3.07kW x 8	1.56kW x 2	0.60kW x 3	317
K450EL	8.0	64508	48512	-	176.2	31872	33.0	59	71.1	500 x 4	3080	400V 3Ph 50Hz	28.6	66.7	40	3.38kW x 8	1.72kW x 2	0.60kW x 4	361
K100EF	8/10	24492	18149	12868	66.0	14088	30.0	56	30.2	500 x 2	1540	400V 3Ph 50Hz	15.9	34.9	40	1.90kW x 6	0.98kW x 2	0.60kW x 2	174
K150EF	8/10	34487	25675	18366	94.6	14184	29.0	56	42.2	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	2.11kW x 9	1.08kW x 2	0.60kW x 2	214
K200EF	8/10	37949	28370	20433	105.1	15192	30.0	56	46.5	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	2.32kW x 9	1.19kW x 2	0.60kW x 2	229
K250EF	8/10	44127	33186	24076	126.2	16332	30.0	56	55.8	500 x 2	1540	400V 3Ph 50Hz	22.2	41.3	40	2.32kW x 11	1.19kW x 2	0.60kW x 2	261
K300EF	8/10	54778	41047	29713	150.3	22140	32.0	58	66.1	500 x 3	2310	400V 3Ph 50Hz	22.2	54.0	40	2.53kW x 12	1.29kW x 2	0.60kW x 3	319
K350EF	8/10	59151	44464	32274	164.0	23292	32.0	58	71.8	500 x 3	2310	400V 3Ph 50Hz	22.2	54.0	40	2.74kW x 12	1.40kW x 2	0.60kW x 3	337
K400EF	8/10	65214	49196	35862	184.9	24336	32.0	58	80.5	500 x 3	2310	400V 3Ph 50Hz	22.2	66.7	40	3.06kW x 12	1.56kW x 2	0.60kW x 3	365
K450EF	8/10	74660	56141	40813	205.0	29904	33.0	59	88.8	500 x 4	3080	400V 3Ph 50Hz	28.6	66.7	40	3.37kW x 12	1.72kW x 2	0.60kW x 4	415

- Air throw is determined the air velocity 0.25m/s

K Dimensional Drawings

Dimensional Drawings



Model	Fan Number	Outline dimension			Anchor size	
		L	W	H	L"	W"
K100EM	2	1763.2	518.8	806.7	1411.2	621.4
K150EM	2	1763.2	518.8	806.7	1411.2	621.4
K200EM	2	2103.2	518.8	806.7	1751.2	621.4
K250EM	2	2103.2	518.8	730.5	1751.2	621.4
K300EM	2	2103.2	518.8	806.7	1751.2	621.4
K350EM	3	2443.2	518.8	806.7	2091.2	621.4
K400EM	3	2703.2	518.8	806.7	2351.2	621.4
K450EM	3	2443.2	518.8	1035.3	2091.2	621.4
K100EL	2	1763.2	518.8	806.7	1411.2	621.4
K150EL	2	1763.2	518.8	806.7	1411.2	621.4
K200EL	2	2103.2	518.8	806.7	1751.2	621.4
K250EL	2	2103.2	518.8	959.1	1751.2	621.4
K300EL	3	2273.2	518.8	1035.3	1921.2	621.4
K350EL	3	2443.2	518.8	1035.3	2091.2	621.4
K400EL	3	2703.2	518.8	1035.3	2351.2	621.4
K450EL	4	2953.2	518.8	1035.3	2601.2	621.4
K100EF	2	1763.2	518.8	806.7	1411.2	621.4
K150EF	2	1933.2	584.8	806.7	1581.2	687.4
K200EF	2	2103.2	584.8	806.7	1751.2	687.4
K250EF	2	2103.2	584.8	959.1	1751.2	687.4
K300EF	3	2273.2	584.8	1035.3	1921.2	687.4
K350EF	3	2443.2	584.8	1035.3	2091.2	687.4
K400EF	3	2703.2	584.8	1035.3	2351.2	687.4
K450EF	4	2953.2	584.8	1035.3	2601.2	687.4