

KH CROSSFLOW MODULAR TYPE
高效率超低噪音型橫流塔



022



KS COOLING TOWER

金日冷卻塔

HIGH PERFORMANCE
SUPER LOW NOISE



MEMBER OF THE CTI



金日實業股份有限公司
KING SUN INDUSTRY CO., LTD.

KH 冷卻塔選定表

Selection Table

型式	空調型								中溫型		高溫型	
	27(°C)		28(°C)		29(°C)		30(°C)		27(°C)	28(°C)	27(°C)	28(°C)
濕球濕度(°C)	37°C		37.5°C		37°C		38°C		42°C	42°C	60°C	60°C
L/min MODEL	32°C	32°C	32°C	32°C	32°C	32°C	33°C	33°C	32°C	32°C	35°C	35°C
	80	1040	962	892	826	733	700	788	743	655	570	660
100	1300	1210	1120	1025	925	829	937	877	830	729	790	750
125	1625	1513	1398	1304	1152	1104	1237	1166	1034	940	1070	1000
150	1950	1814	1680	1563	1391	1330	1495	1415	1251	1093	1260	1190
175	2275	2108	1963	1837	1624	1541	1728	1634	1460	1310	1510	1430
200	2600	2419	2241	2114	1849	1786	1990	1895	1659	1456	1760	1660
225	2925	2736	2514	2380	2100	1990	2220	2090	1890	1680	1950	1830
250	3250	2995	2791	2610	2330	2180	2480	2310	2090	1860	2140	2040
300	3900	3634	3355	3135	2810	2605	2910	2760	2488	2220	2520	2395
350	4550	4223	3932	3696	3330	3130	3486	3293	2952	2615	3050	2890
400	5200	4832	4490	4250	3800	3518	3960	3748	3350	2992	3450	3220
450	5850	5480	5130	4860	4280	4039	4505	4275	3899	3455	3940	3750
500	6500	6100	5680	5330	4788	4520	5023	4780	4356	3896	4440	4230
600	7800	7280	6749	6340	5613	5330	5960	5650	5100	4550	5250	4950
700	9100	8470	7965	7350	6725	6300	7000	6660	6127	5482	6220	5930
800	10400	9710	8984	8520	7650	7270	8090	7680	7000	6280	7270	6930
900	11700	10920	10186	9600	8680	8240	9160	8700	7930	7080	8160	7700
1000	13000	12180	11430	10710	9756	9200	10100	9700	8965	8050	9250	8840

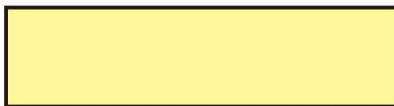
- 標準設計條件為入水溫度37°C，出水溫度32°C，濕球溫度27°C
- 本省北部地區夏季濕球溫度約為27°C至28°C
本省南部地區夏季濕球溫度約28°C至29°C
請參考當地濕球溫度條件來選定冷卻塔型號
- 如所設定的溫度條件不在本表所列，請洽本公司營業人員為您選出適當的型號
- 亦可利用3,4頁之選定圖選出

- The standard design condition is inlet water temp. 37°C, outlet water temp. 32°C, ambient wet bulb temp. 27°C.
- When selecting the suitable model number, please refer to the local ambient wet bulb temp.
- If the temp. condition are beyond what are listed in this table, please contact our sales representative to select for you.
- It is also available to use the selection chart in page 3 & 4.

噸數連結組合

Modular Combination

	每室80RT 80RT per cell	每室100/125RT 100/125RT per cell	每室150/175RT 150/175RT per cell	每室200/225RT 200/225RT per cell	每室250RT 250RT per cell	每室300RT 300RT per cell	每室350/400RT 350/400RT per cell	每室450/500RT 450/500RT per cell	每室600/700RT 600/700RT per cell	每室800RT 800RT per cell	每室900/1000RT 900/1000RT per cell
KH-80	80-C1										
KH-100		100-C1									
KH-125		125-C1									
KH-150			150-C1								
KH-175			175-C1								
KH-200				200-C1							
KH-225				225-C1							
KH-250					250-C1						
KH-300			150-C2			300-C1					
KH-350			175-C2				350-C1				
KH-400				200-C2			400-C1				
KH-450				225-C2				450-C1			
KH-500					250-C2			500-C1			
KH-600				200-C3		300-C2			600-C1		
KH-700							350-C2		700-C1		
KH-750					250-C3						
KH-800				200-C4			400-C2			800-C1	
KH-900				225-C4		300-C3		450-C2			900-C1
KH-1000					250-C4			500-C2			1000-C1
KH-1050							350-C3				
KH-1200						300-C4	400-C3		600-C2		
KH-1400							350-C4		700-C2		
KH-1500						300-C5		500-C3			
KH-1600							400-C4			800-C2	
KH-1800								450-C4	600-C3		900-C2
KH-2000							400-C5	500-C4			1000-C2
KH-2250								450-C5			
KH-2500								500-C5			
KH-3000									600-C5		1000-C3
KH-3500									700-C5		
KH-4000										800-C5	1000-C4
KH-4500											900-C5
KH-5000											1000-C5



顏色連結組合規格請參閱 5、6、9、10、13頁

For specification of this color modular combination, please refer to page 5、6、9、10、13



顏色連結組合規格請參閱 7、8、11、12、13頁

For specification of this color modular combination, please refer to page 7、8、11、12、13.

其他的噸數連結組合亦可提供，請洽本公司業務代表。

We could also provide other tonnage of modular combination, please consult with our representative.

選定圖 Selection Chart

■ 選定實例：

設計條件為：

水流量：14,700 L.P.M.

進水溫：37°C

出水溫：32°C

濕球溫：27°C

則冷卻幅度：進水溫—出水溫

(RANGE) 37°C — 32°C = 5°C

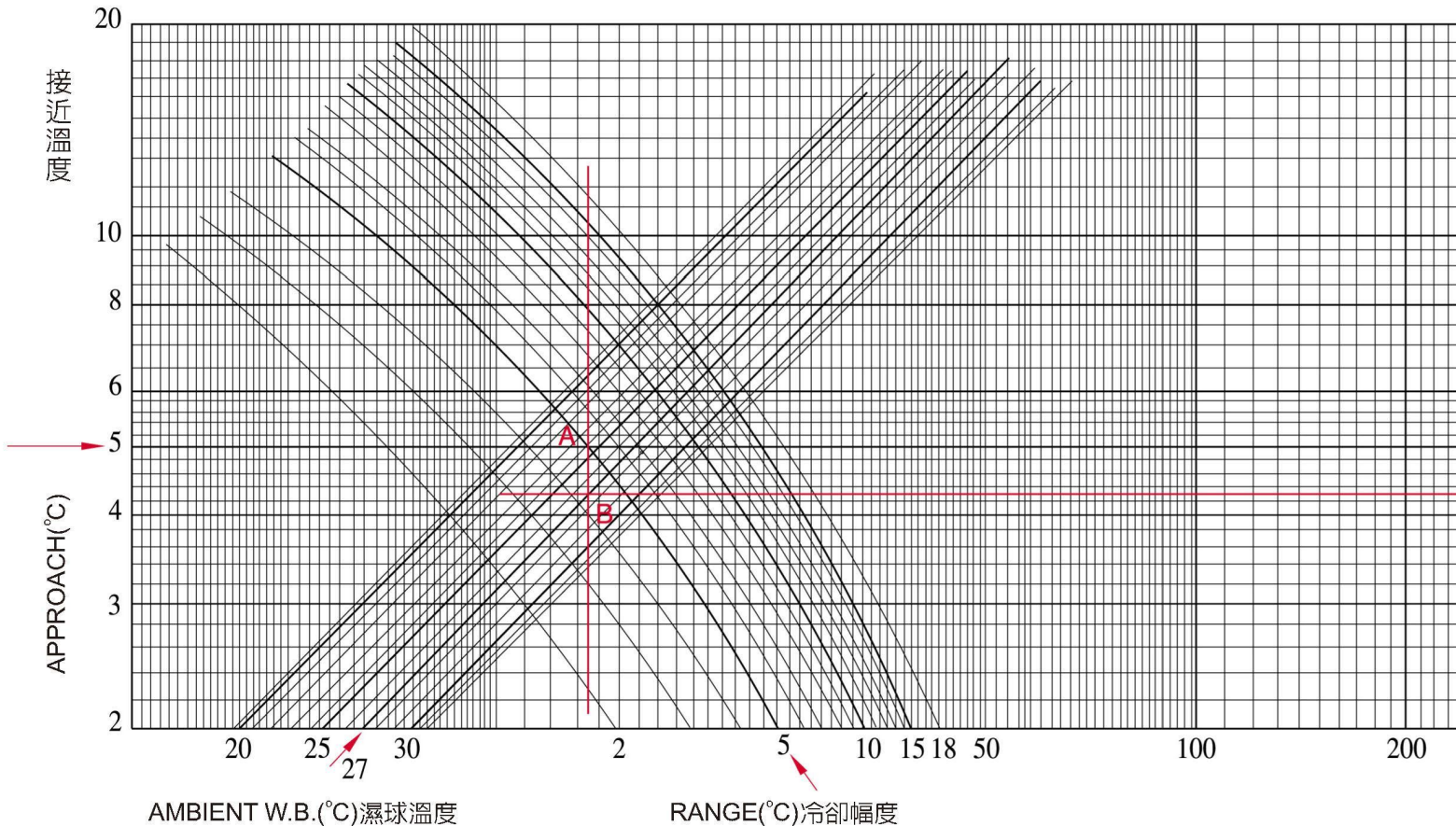
接近溫度：出水溫—濕球溫

(APPROACH) 32°C — 27°C = 5°C

本選定表為單室使用，暫定水流量為最大每室6500L.P.M，
假設6,500L.P.M以下為一室，6,500~13,000L.P.M為二室，
13,000~19,500L.P.M為三室，依此類推。

將總設計水量劃為單室水量，14,700L.P.M為三室，則每室為
4900L.P.M (14,700 ÷ 3)。

1. 在冷卻幅度5°C曲線與接近溫度5°C橫線兩線的交叉點稱A點。
2. 在A點劃一垂直線，此線與濕球溫27°C斜線的交叉點稱為B點。
3. 從B點向右劃一水平線。
4. 在4900L.P.M水流量處劃一垂直線，此線稱為NF。
5. NF垂直線與水平線有一交叉點，稱為C點。
6. 如C點落於某一型號的斜線上則選擇該型號。如C點介於兩型號中間則選擇較大型號。
7. 因C點介於350與400之間所以選擇KH-400。
8. 因總水量為三室，所以正確選擇為KH-1200 (400-C3)。
9. 如在選定圖上落點在500RT線之右側，則將室數多一室如假設三室改為假設四室，將總設計水量除以新假設室數，再由步驟1.開始選起。
10. 如無法以本選定圖選出適用型號，請洽本公司營業人員為您選出。



選定圖 Selection Chart

EXAMPLE:

Design Condition :

Water Flow : 14,700L.P.M

Water in Temp. : 37°C

Water out Temp. : 32°C

W.B. Temp. : 27°C

Range : Water in Temp. — Water out Temp. (°C)

37°C — 32°C = 5°C

Approach : Water out Temp. — W.B. Temp. (°C)

32°C — 27°C = 5°C

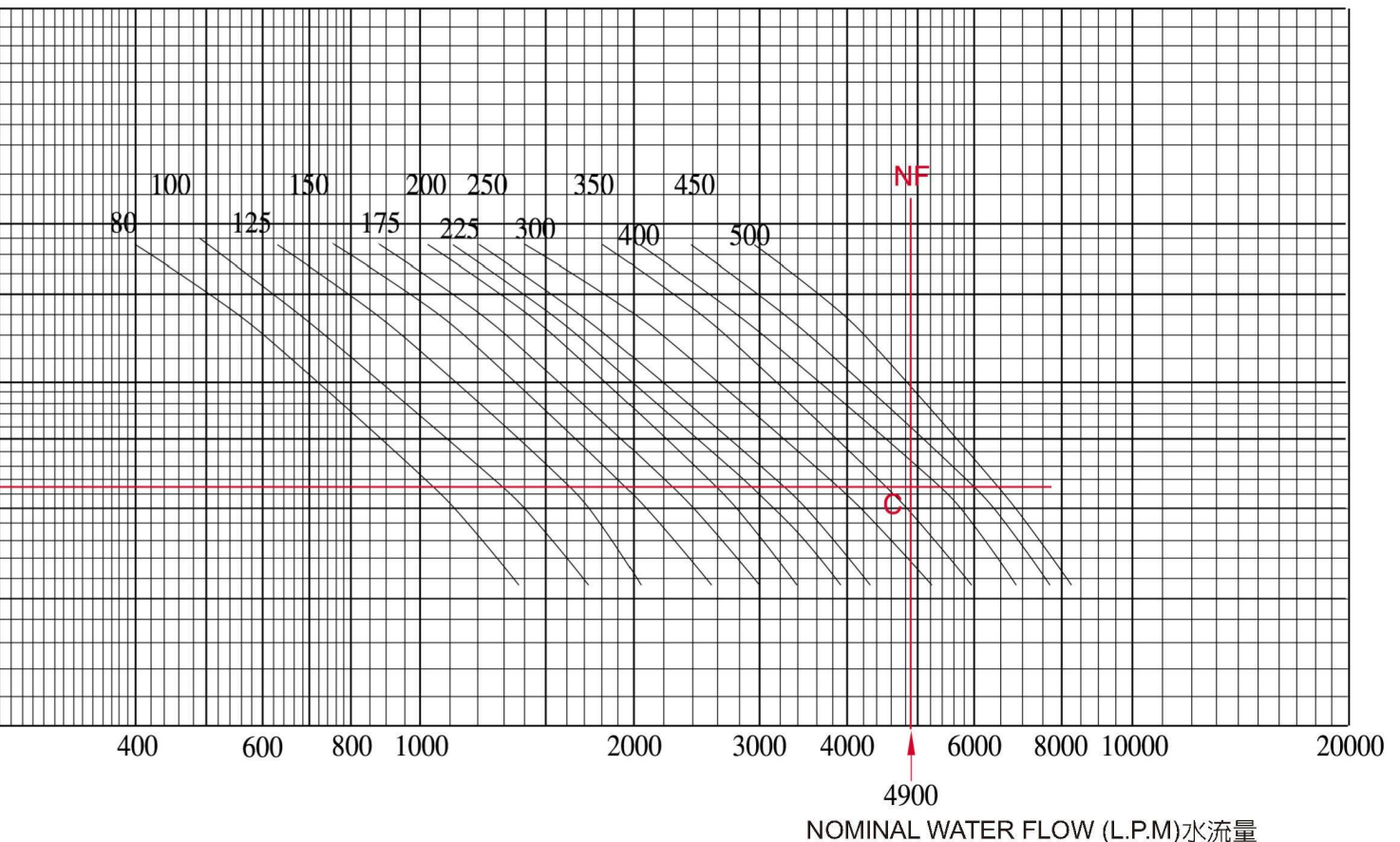
This selection chart is for single cell only, we assume maximum water flow is 6500L.P.M per cell.

Also assume 6,500~13,000L.P.M is two cells, 13,000~19,500L.P.M is three cells, and so on.

We divide the designed water flow to be single cell, so each cell is 4,900L.P.M(14,700÷3).

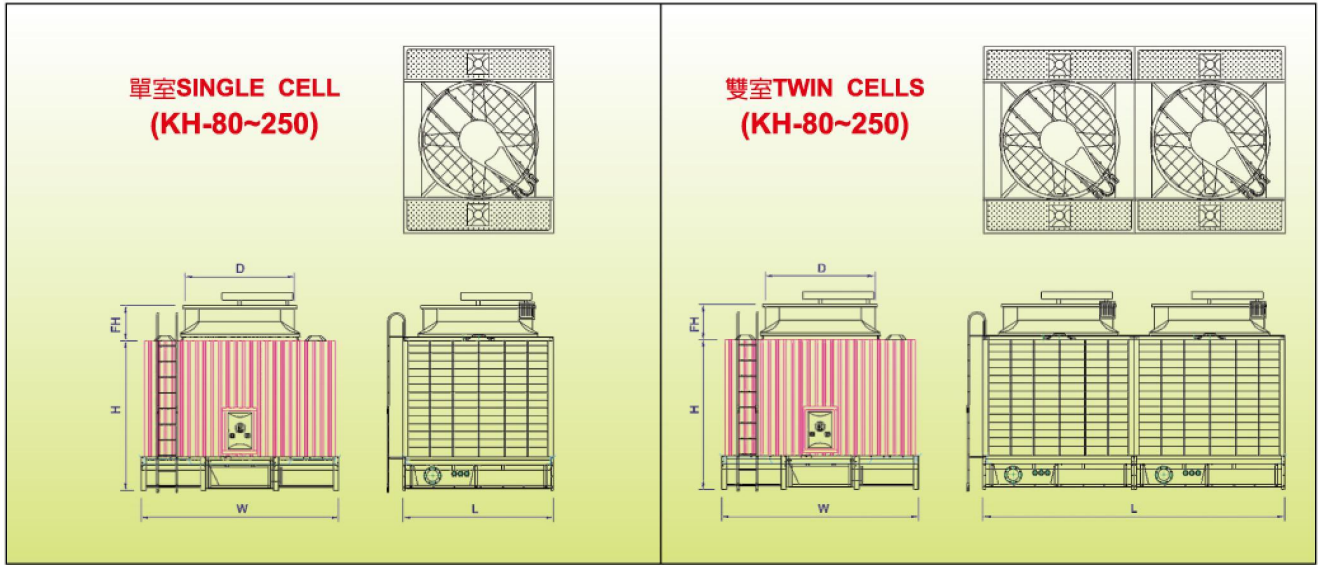
1. Find point A which is the intersection point of range 5 and approach 5.
2. Draw a perpendicular line up or down from point A to the ambient wet bulb curve 27. We call it point B.
3. Draw a horizontal line rightward from point B.
4. Draw a perpendicular line from water flow 4,900L.P.M. We call it line NF.
5. There is an intersection point of the line NF and the horizontal line. We call it point C.
6. If point C falls on the curve of a model, the selection is this mode. If point C falls between two curves, select the larger model.

7. Because point C falls between the curves of 350 & 400, the selection is KH-400.
8. Because total water flow is for three cells, the correct selection is KH-1200 (400-C3).
9. If point C falls on right side of curve 500RT, we need to assume one more cell.
In case the assumption is three cells, we need to re-assume it to be four cells. Divide total design water flow by the newly assumed cell number and select again from procedure 1.
10. If it is not possible to select from this chart, please contact our sales representative to select for you.



外型尺寸及標準規格

Dimension & Specification



KH RT	室數 CELLS	外型尺寸 Dimension				風車 Fan	電動機 Motor		揚程 Head	自重 Dry Weight	運轉重 Operating Weight
		L	W	H	FH		Dφ m/m	hp			
80	80-C1	1480	2980	2657	470	1200	2*1	1.5*1	3.1	670	1475
100	100-C1	1780	2980	2657	470	1200	3*1	2.2*1	3.1	740	1685
125	125-C1	1780	3280	2657	550	1500	5*1	3.7*1	3.1	880	2040
150	150-C1	2080	3280	2657	550	1500	5*1	3.7*1	3.1	910	2195
175	175-C1	2080	3580	2957	700	1800	5*1	3.7*1	3.4	960	2330
300	150-C2	4070	3280	2657	550	1500	5*2	3.7*2	3.1	1760	4335
350	175-C2	4070	3580	2957	700	1800	5*2	3.7*2	3.4	1870	4610
200	200-C1	2380	3880	2957	700	2100	5*1	3.7*1	3.4	1030	2610
225	225-C1	2680	3880	2957	700	2100	7.5*1	5.5*1	3.4	1110	2840
400	200-C2	4670	3880	2957	700	2100	5*2	3.7*2	3.4	1985	5160
450	225-C2	5270	3880	2957	700	2100	7.5*2	5.5*2	3.4	2140	5615
600	200-C3	6960	3880	2957	700	2100	5*3	3.7*3	3.4	2940	7710
800	200-C4	9250	3880	2957	700	2100	5*4	3.7*4	3.4	3895	10260
900	225-C4	10450	3880	2957	700	2100	7.5*4	5.5*4	3.4	4200	11165
250	250-C1	2980	3880	2957	700	2100	7.5*1	5.5*1	3.4	1190	3075
500	250-C2	5870	3880	2957	700	2100	7.5*2	5.5*2	3.4	2270	6070
750	250-C3	8760	3880	2957	700	2100	7.5*3	5.5*3	3.4	3350	9065
1000	250-C4	11650	3880	2957	700	2100	7.5*4	5.5*4	3.4	4430	12060

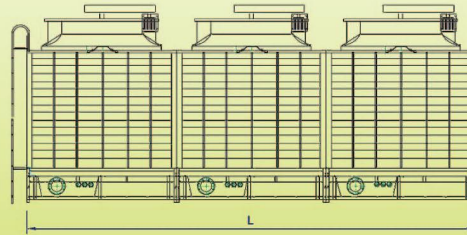
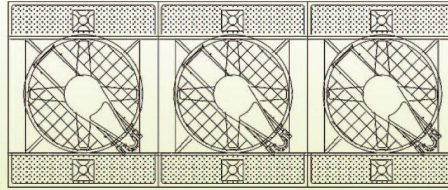
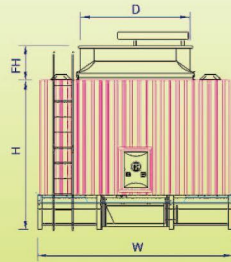
KH冷卻塔的基本設計條件為：
 當進水溫為37°C，出水溫為32°C，濕球溫為27°C時，
 13LPM水流量為一冷卻噸。

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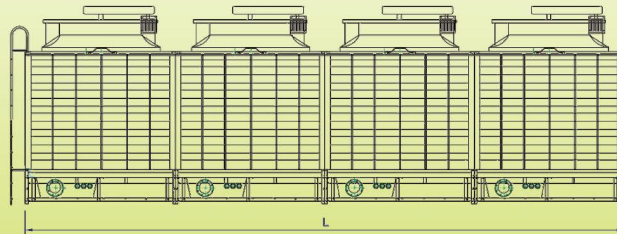
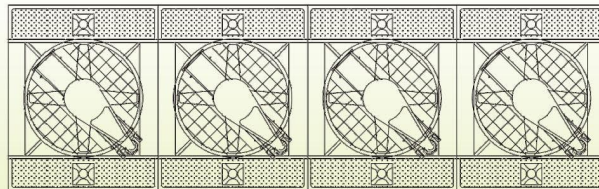
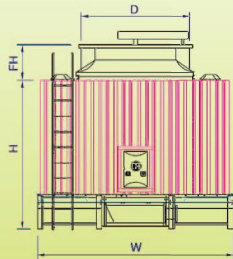
連結情況

Modular Status

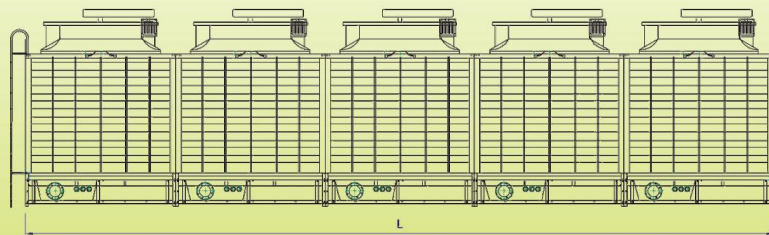
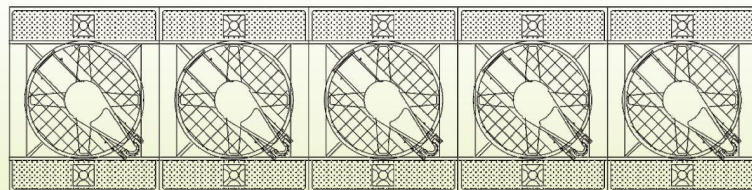
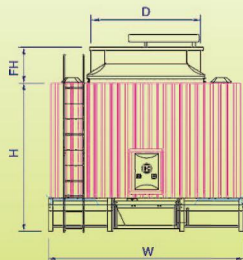
三室TRIO, THREE CELLS
(KH-80~250)



四室QUATERNION, FOUR CELLS
(KH-80~250)



五室QUINTUPLET, FIVE CELLS
(KH-80~250)

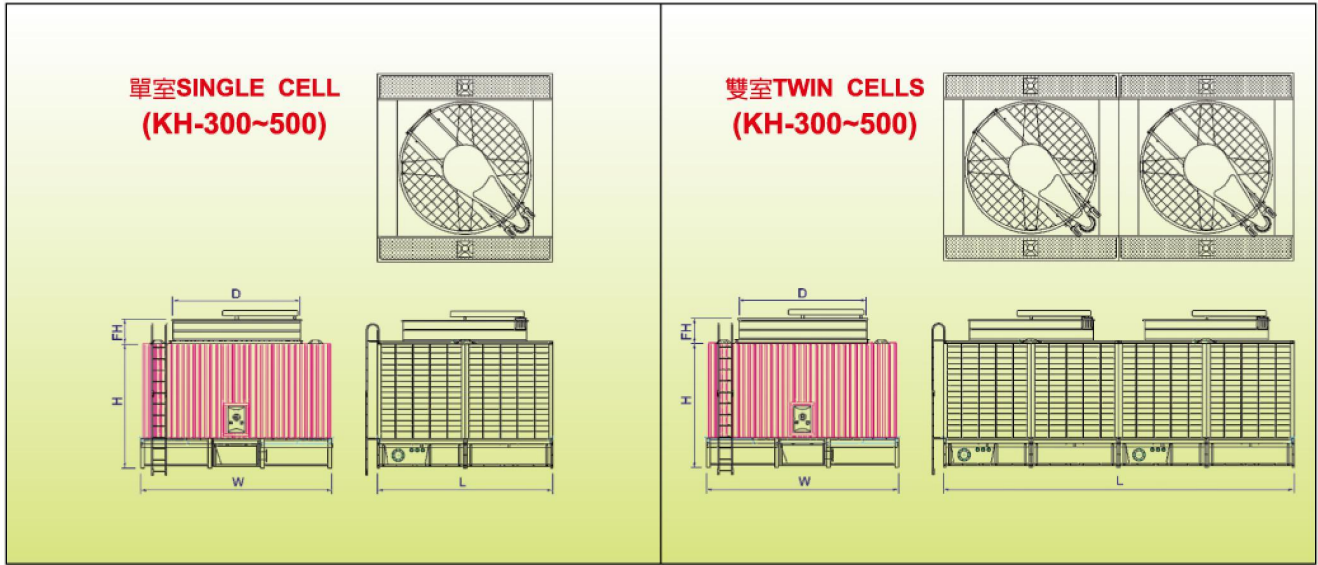


※其他噸數的連結亦可提供，請洽本公司營業人員

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外型尺寸及標準規格

Dimension & Specification



KH RT	室數 CELLS	外型尺寸 Dimension				風車 Fan	電動機 Motor		揚程 Head	自重 Dry Weight	運轉重 Operating Weight
		L	W	H	FH		Dφ m/m	hp			
300	300-C1	3280	4180	3407	750	2400	10*1	7.5*1	3.8	1560	3760
600	300-C2	6470	4180	3407	750	2400	10*2	7.5*2	3.8	3010	7440
900	300-C3	9660	4180	3407	750	2400	10*3	7.5*3	3.8	4460	11120
1200	300-C4	12850	4180	3407	750	2400	10*4	7.5*4	3.8	5910	14800
1500	300-C5	16040	4180	3407	750	2400	10*5	7.5*5	3.8	7360	18480

350	350-C1	3580	4820	3407	750	3000	10*1	7.5*1	3.8	1800	4365
400	400-C1	3880	4820	3407	750	3000	15*1	11*1	3.8	2010	4750
700	350-C2	7070	4820	3407	750	3000	10*2	7.5*2	3.8	3510	8645
800	400-C2	7670	4820	3407	750	3000	15*2	11*2	3.8	3860	9390
1050	350-C3	10560	4820	3407	750	3000	10*3	7.5*3	3.8	5220	12925
1200	400-C3	11460	4820	3407	750	3000	15*3	11*3	3.8	5710	14030
1400	350-C4	14050	4820	3407	750	3000	10*4	7.5*4	3.8	6930	17205
1600	400-C4	15250	4820	3407	750	3000	15*4	11*4	3.8	7560	18670
2000	400-C5	19040	4820	3407	750	3000	15*5	11*5	3.8	9410	23310

450	450-C1	4180	5220	3407	750	3400	15*1	11*1	3.8	2230	5295
500	500-C1	4780	5220	3407	750	3400	15*1	11*1	3.8	2350	5785
900	450-C2	8270	5220	3407	750	3400	15*2	11*2	3.8	4315	10485
1000	500-C2	9470	5220	3407	750	3400	15*2	11*2	3.8	4480	11440
1500	500-C3	14160	5220	3407	750	3400	15*3	11*3	3.8	6610	17095
1800	450-C4	16450	5220	3407	750	3400	15*4	11*4	3.8	8485	20865
2000	500-C4	18850	5220	3407	750	3400	15*4	11*4	3.8	8740	22750
2250	450-C5	20540	5220	3407	750	3400	15*5	11*5	3.8	10570	26055
2500	500-C5	23540	5220	3407	750	3400	15*5	11*5	3.8	10870	28405

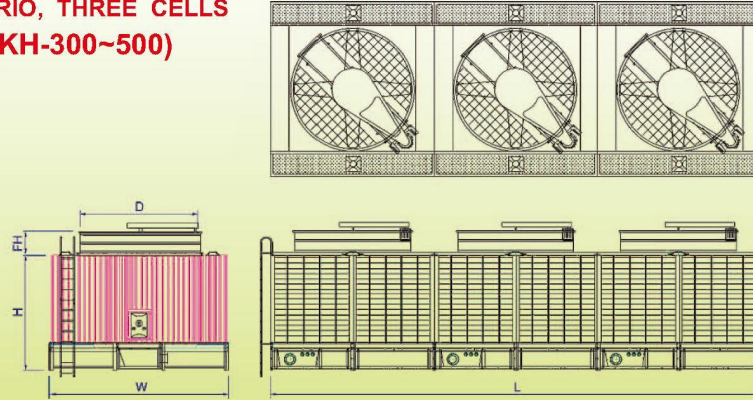
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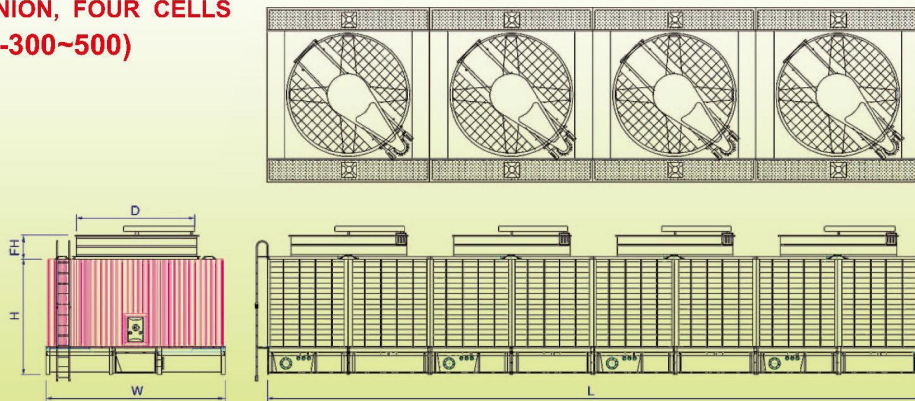
連結情況

Modular Status

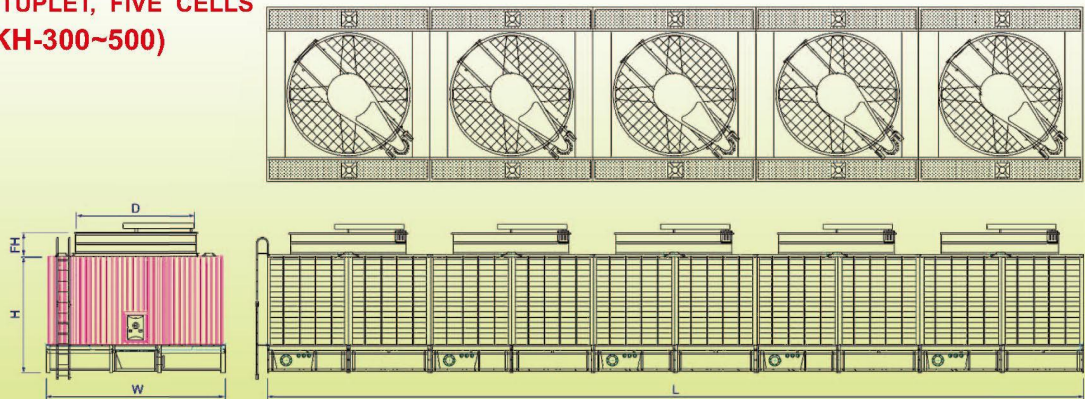
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(KH-300~500)



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外型尺寸及標準規格

Dimension & Specification

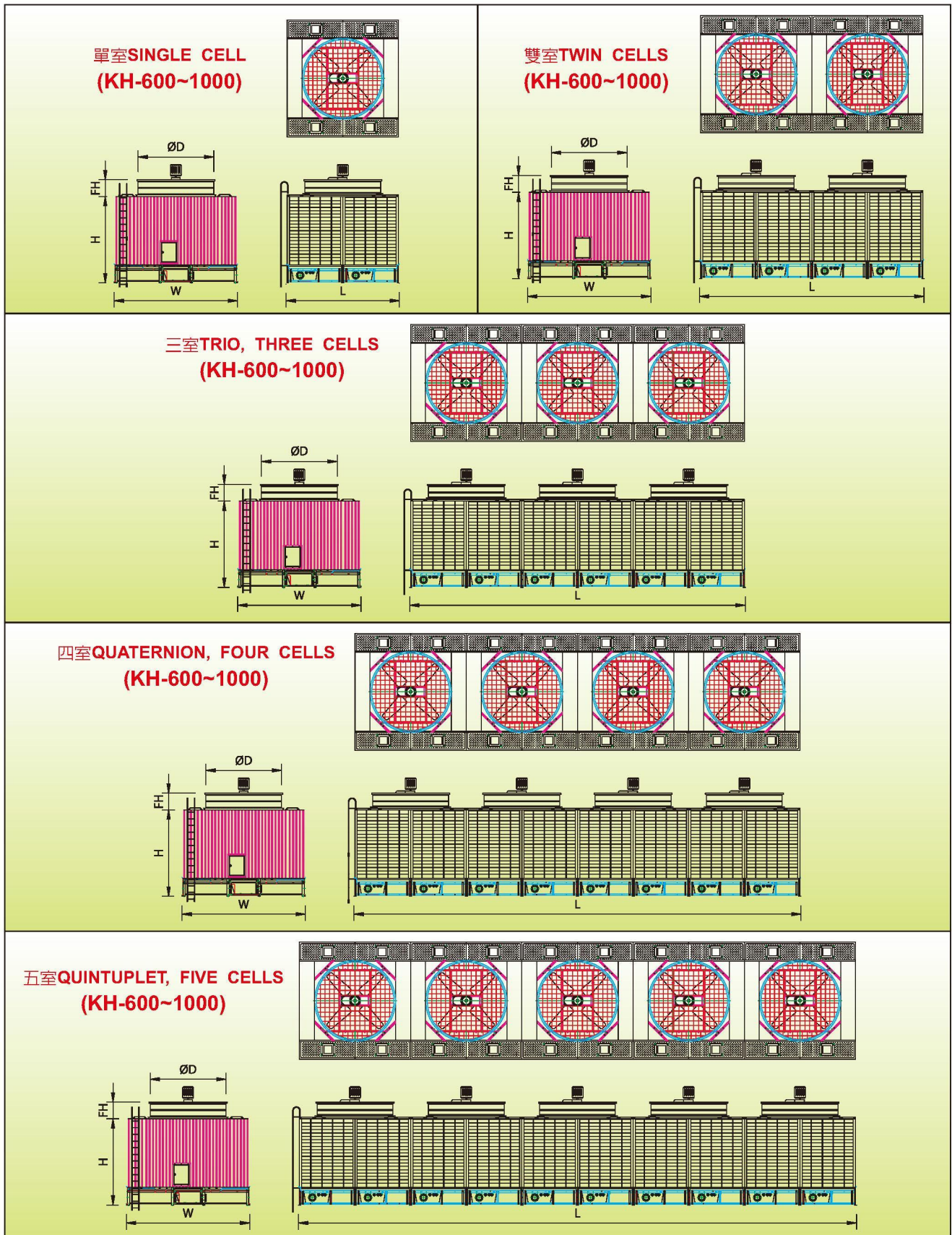
KH RT	室數 CELLS	外型尺寸 DIMENSION				風車 FAN	馬達 MOTOR		水塔揚程 HEAD	自重 DRY WEIGHT	運轉重 OPERATING WEIGHT
		L	W	H	Fh		D ϕ m/m	hp			
600	600-C1	5080	5530	3875	750	3400	20*1	15*1	4.3	4020	9005
1200	600-C2	10070	5530	3875	750	3400	20*2	15*2	4.3	7870	17885
1800	600-C3	15060	5530	3875	750	3400	20*3	15*3	4.3	11710	26760
2400	600-C4	20050	5530	3875	750	3400	20*4	15*4	4.3	15545	35635
3000	600-C5	25040	5530	3875	750	3400	20*5	15*5	4.3	19385	44505
700	700-C1	6380	5530	3875	750	3400	20*1	15*1	4.3	4590	10910
1400	700-C2	12670	5530	3875	750	3400	20*2	15*2	4.3	9005	21695
2100	700-C3	18960	5530	3875	750	3400	20*3	15*3	4.3	13410	32475
2800	700-C4	25250	5530	3875	750	3400	20*4	15*4	4.3	17820	43255
3500	700-C5	31540	5530	3875	750	3400	20*5	15*5	4.3	22230	54035
800	800-C1	6380	5750	4010	750	3400	25*1	18*1	4.4	4970	12100
1600	800-C2	12670	5750	4010	750	3400	25*2	18*2	4.4	9745	24055
2400	800-C3	18960	5750	4010	750	3400	25*3	18*3	4.4	14515	36005
3200	800-C4	25250	5750	4010	750	3400	25*4	18*4	4.4	19280	47960
4000	800-C5	31540	5750	4010	750	3400	25*5	18*5	4.4	24050	59910
900	900-C1	6380	5950	4010	750	3600	30*1	22*1	4.4	5145	12400
1800	900-C2	12670	5950	4010	750	3600	30*2	22*2	4.4	10090	24650
2700	900-C3	18960	5950	4010	750	3600	30*3	22*3	4.4	15025	36895
3600	900-C4	25250	5950	4010	750	3600	30*4	22*4	4.4	19960	49410
4500	900-C5	31540	5950	4010	750	3600	30*5	22*5	4.4	24895	61380
1000	1000-C1	6380	6620	4010	750	4270	30*1	22*1	4.4	5355	13025
2000	1000-C2	12670	6620	4010	750	4270	30*2	22*2	4.4	10495	25890
3000	1000-C3	18960	6620	4010	750	4270	30*3	22*3	4.4	15630	38755
4000	1000-C4	25250	6620	4010	750	4270	30*4	22*4	4.4	20760	51615
5000	1000-C5	31540	6620	4010	750	4270	30*5	22*5	4.4	25890	64480

KH冷卻塔的基本設計條件為：
 當進水溫為37°C，出水溫為32°C，濕球溫為27°C時，
 13LPM水流量為一冷卻噸。

The basic design condition of KH cooling tower is:
 When hot water temp. is 37°C, cold water temp. is
 32°C, and ambient wet bulb temp. is 27°C, 13 LPM
 water flow rate is regarded to be one ton.

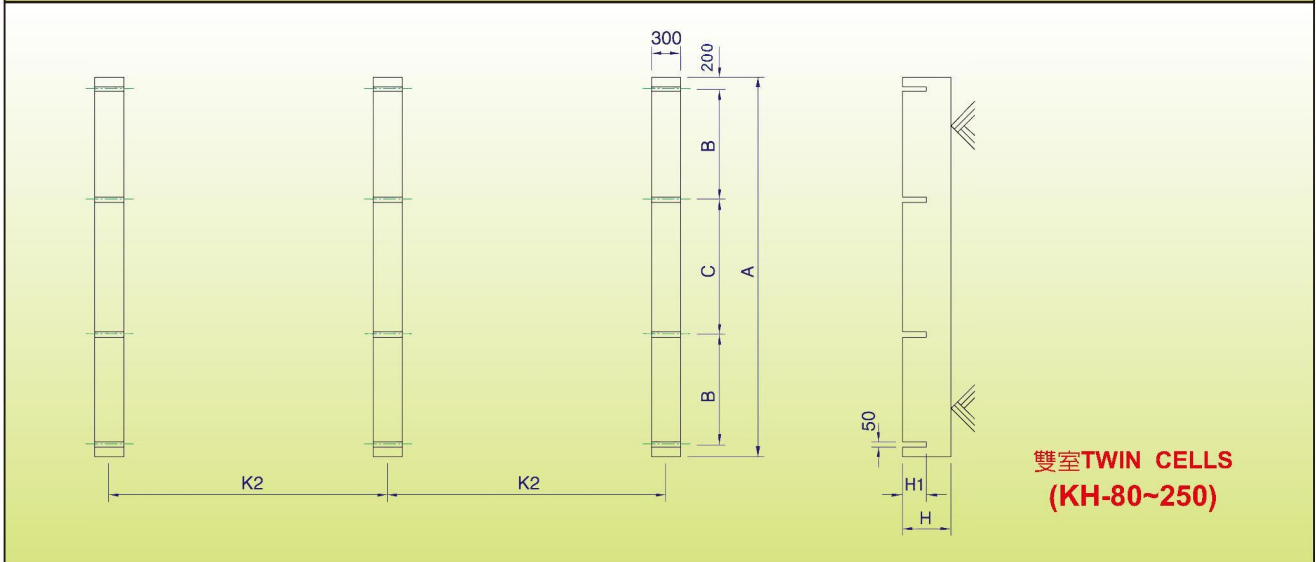
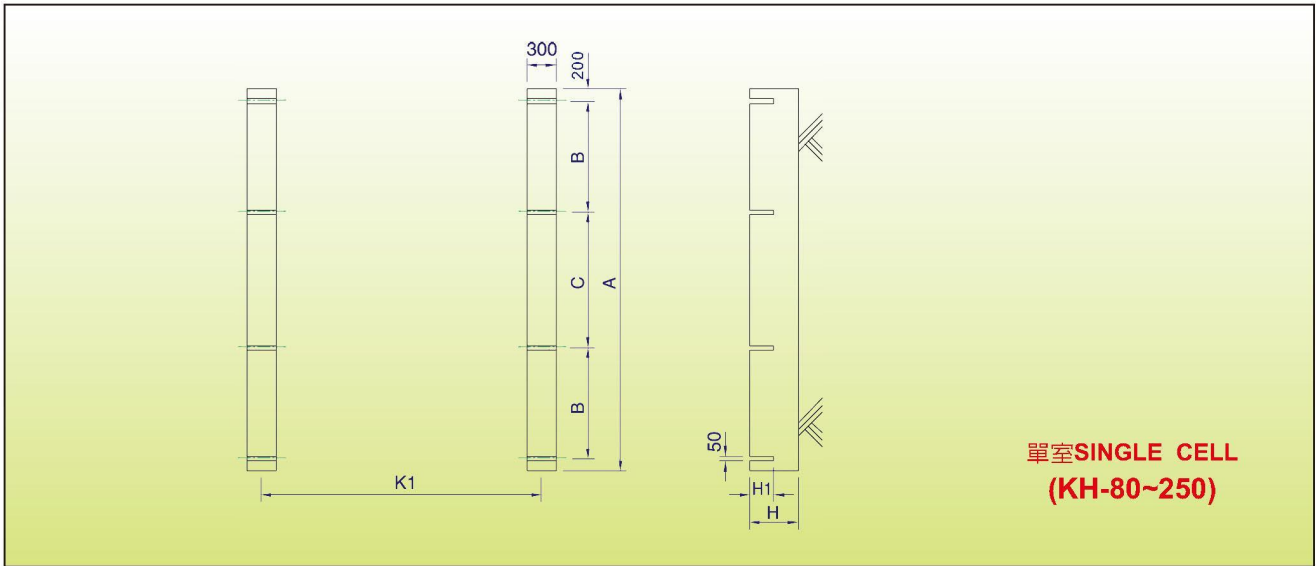
連結情況

Modular Status

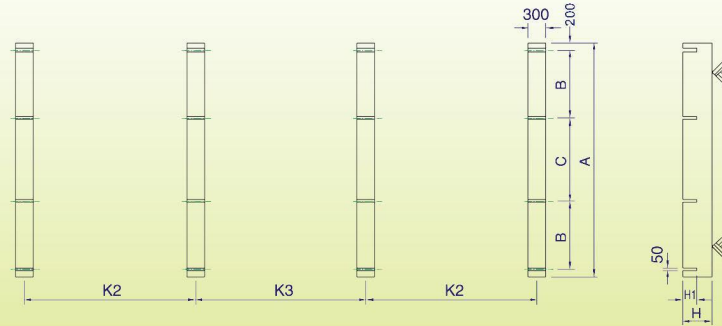


※其他噸數的連結亦可提供，請洽本公司營業人員

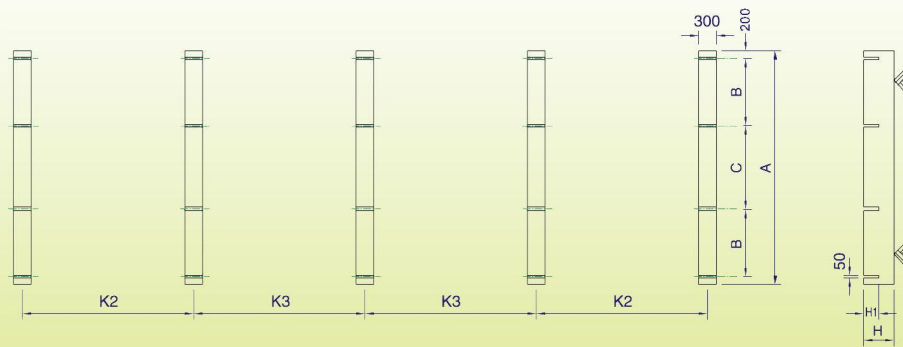
※We could also accept other modular combination which is not listed. Please contact our representative.



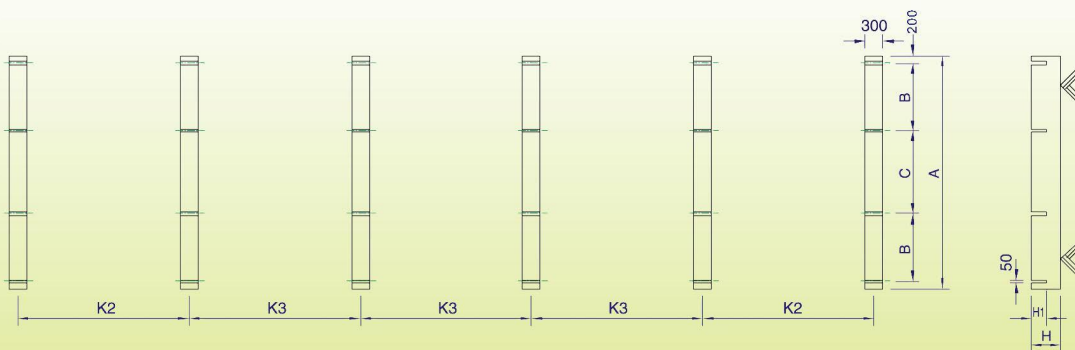
	位置	RT							
		80RT	100RT	125RT	150RT	175RT	200RT	225RT	250RT
1 CELL ~ 5 CELLS	A	3190	3190	3490	3490	3790	4090	4090	4090
	B	800	800	845	845	995	1145	1145	1145
	C	1190	1190	1400	1400	1400	1400	1400	1400
	H	500	500	500	500	500	500	500	500
	H1	250	250	250	250	250	250	250	250
基礎螺絲 Anchor Bolts M16*200L	K1	1340	1640	1640	1940	1940	2240	2540	2840
	K2	1365	1665	1665	1965	1965	2265	2565	2865
	K3	1390	1690	1690	1990	1990	2290	2590	2890
基礎螺絲 Anchor Bolts M16*200L	1 CELL	8	8	8	8	8	8	8	8
	2 CELLS	12	12	12	12	12	12	12	12
	3 CELLS	16	16	16	16	16	16	16	16
	4 CELLS	20	20	20	20	20	20	20	20
	5 CELLS	24	24	24	24	24	24	24	24



三室TRIO, THREE CELLS
(KH-80~250)



四室QUATERNION, FOUR CELLS
(KH-80~250)

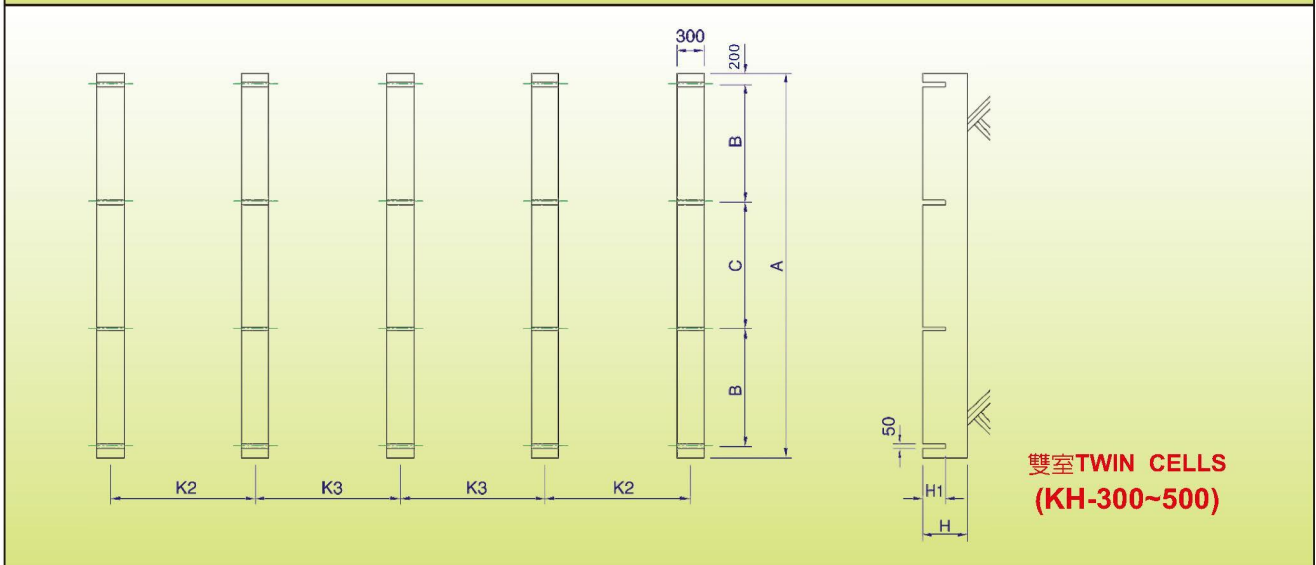
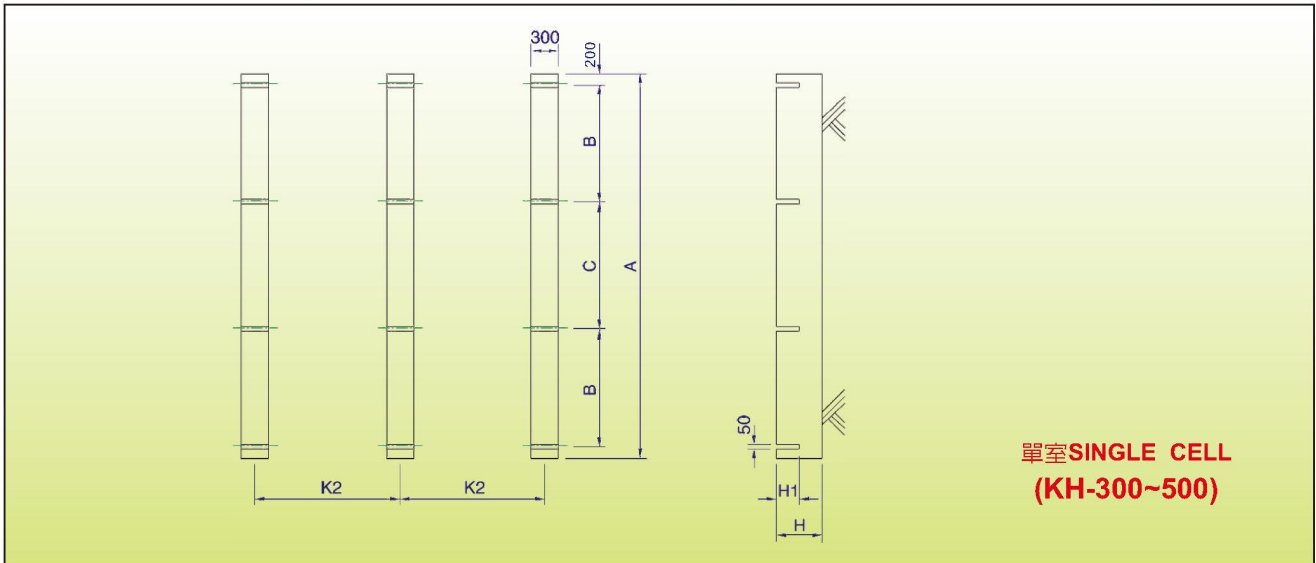


五室QUINTUPLET, FIVE CELLS
(KH-80~250)

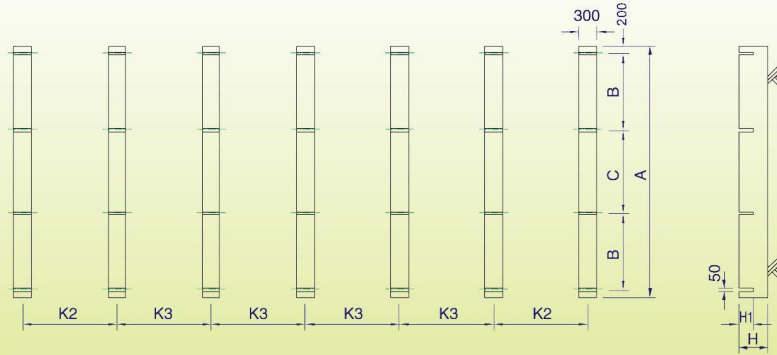
※如需加裝避震器時，基礎RC寬度會有不同，請洽本公司業務員索取配合該避震器之基礎圖。

基礎資料

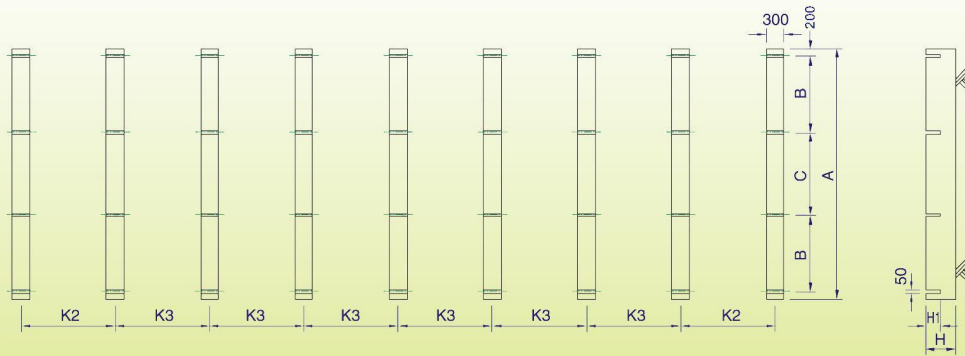
Foundation Details



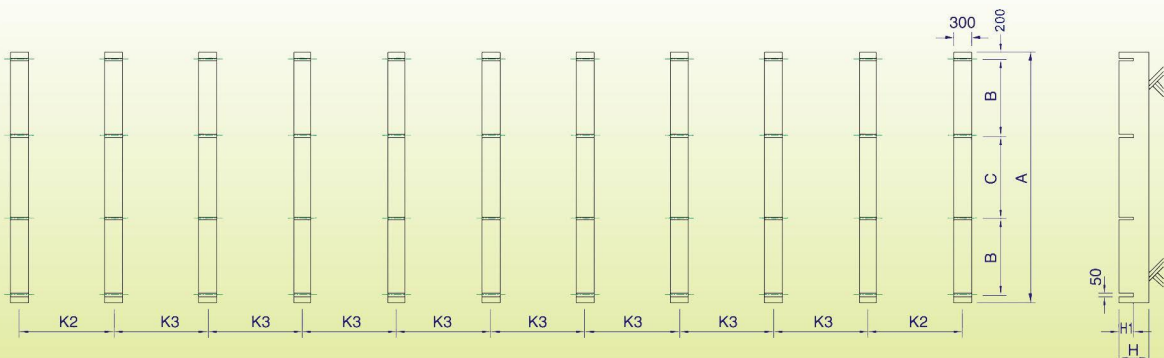
	位置	RT	300RT	350RT	400RT	450RT	500RT
1 CELL ~ 5 CELLS	A		4390	5030	5030	5430	5430
	B		1295	1615	1615	1815	1815
	C		1400	1400	1400	1400	1400
	H		500	500	500	500	500
	H1		250	250	250	250	250
	K1		--	--	--	--	--
	K2		1570	1720	1870	2020	2320
	K3		1595	1745	1895	2045	2345
基礎螺絲 Anchor Bolts M16*200L	1 CELL		12	12	12	12	12
	2 CELLS		20	20	20	20	20
	3 CELLS		28	28	28	28	28
	4 CELLS		36	36	36	36	36
	5 CELLS		44	44	44	44	44



三室TRIO, THREE CELLS
(KH-300~500)

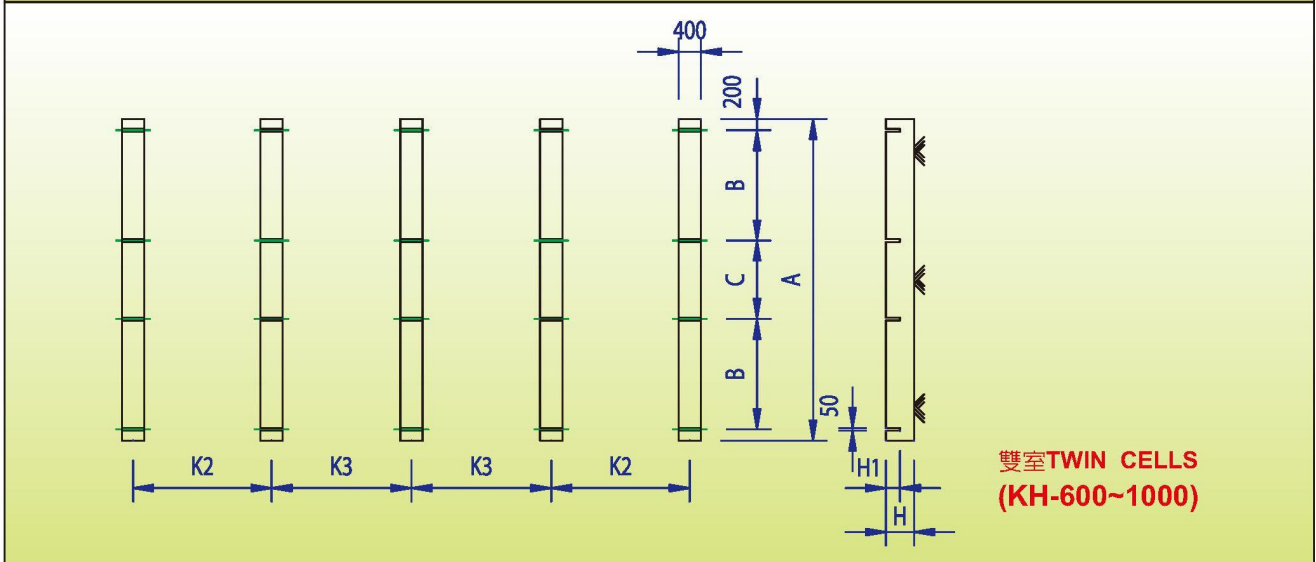
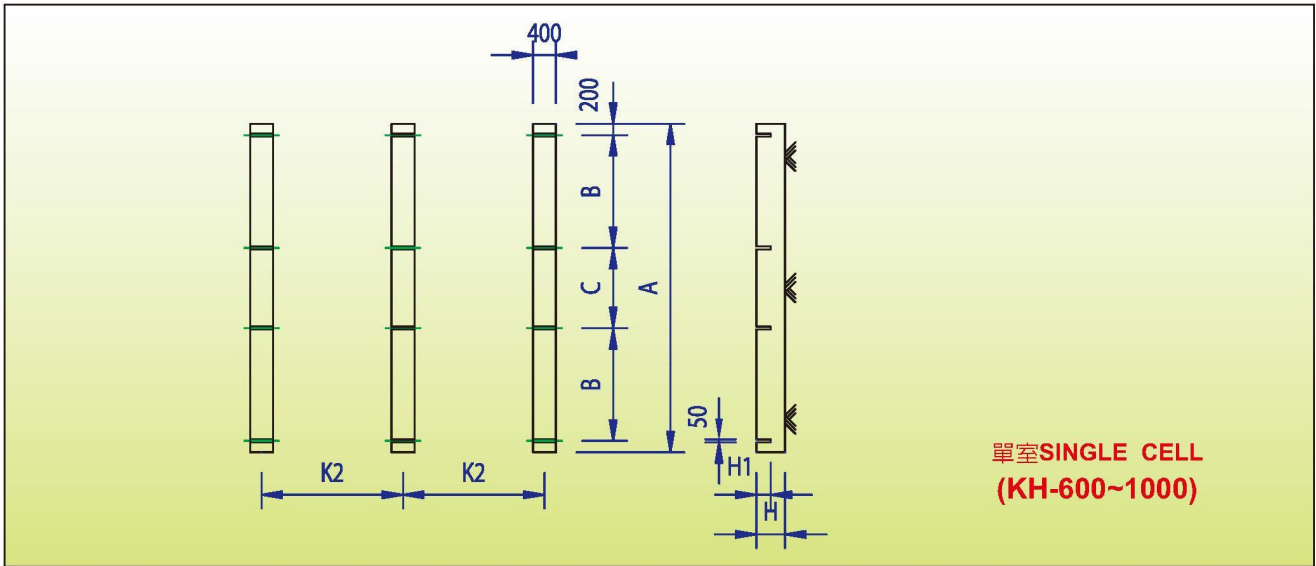


四室QUATERNION, FOUR CELLS
(KH-300~500)

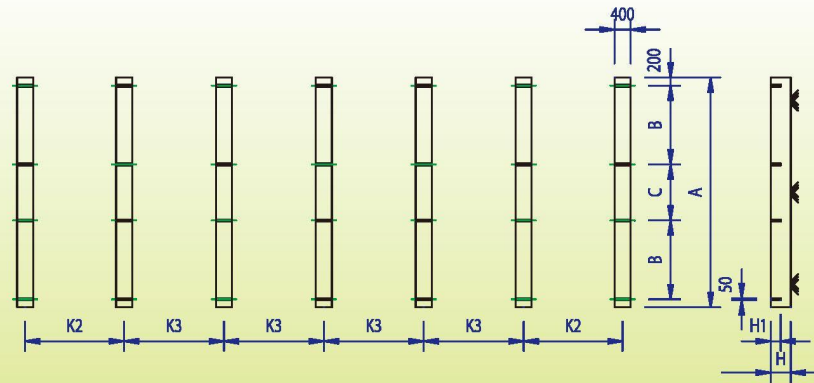


五室QUINTUPLET, FIVE CELLS
(KH-300~500)

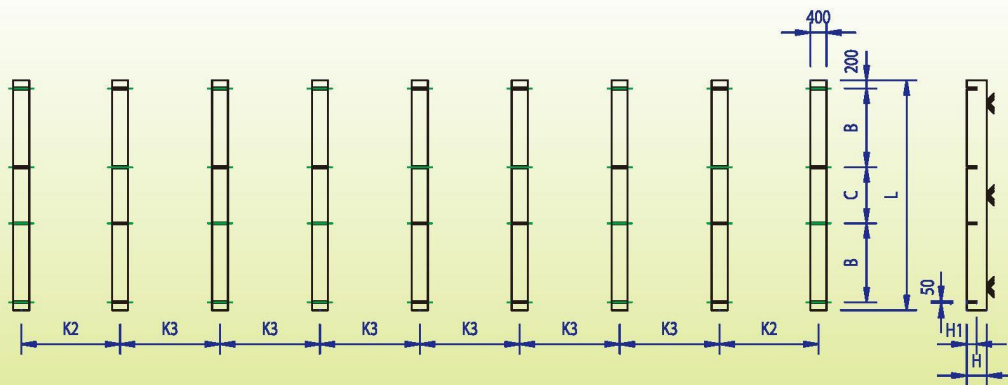
※如需加裝避震器時，基礎RC寬度會有不同，請洽本公司業務員索取配合該避震器之基礎圖。



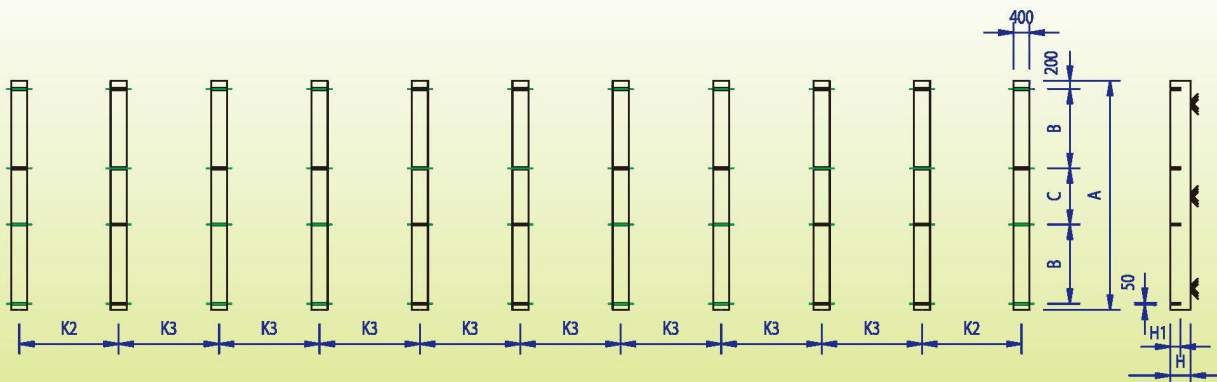
	位置	RT	600RT	700RT	800RT	900RT	1000RT
	1 CELL ~ 5 CELLS	A		5740	5740	5960	6160
B			1970	1970	2080	2180	2515
C			1400	1400	1400	1400	1400
H			500	500	500	500	500
H1			250	250	250	250	250
K1			--	--	--	--	--
K2			2470	3120	3120	3120	3120
K3			2495	3145	3145	3145	3145
基礎螺絲 Anchor Bolts M16*200L	1 CELL		12	12	12	12	12
	2 CELLS		20	20	20	20	20
	3 CELLS		28	28	28	28	28
	4 CELLS		36	36	36	36	36
	5 CELLS		44	44	44	44	44



三室TRIO, THREE CELLS
(KH-600~1000)



四室QUATERNION, FOUR CELLS
(KH-600~1000)

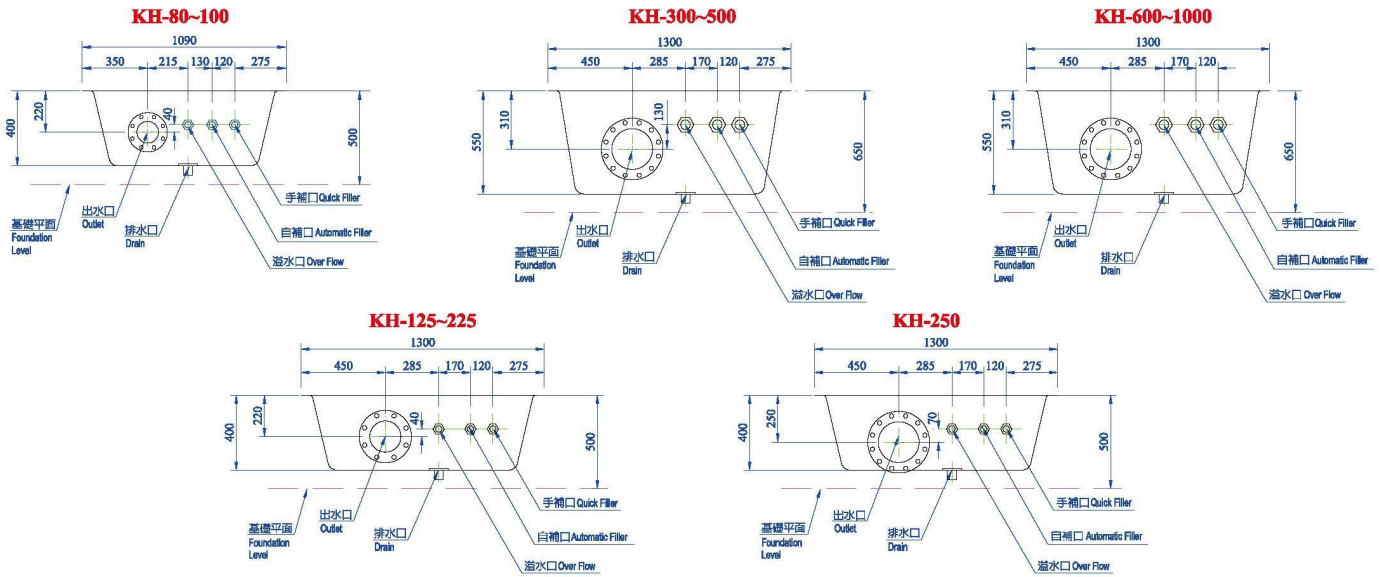


五室QUINTUPLET, FIVE CELLS
(KH-600~1000)

※如需加裝避震器時，基礎RC寬度會有不同，請洽本公司業務員索取配合該避震器之基礎圖。

配管規格

Specification of pipe Connection



RT	入水管 INLET DE	出水管 OUTLET S	自補口 AUTOMATIC BA	手補口 QUICK Q	溢水口 OVER FLOW O	排水口 DRAIN DR
80	3"×2	4"×1	3/4"×1	3/4"×1	2"×1	2"×1
100	3"×2	5"×1	1"×1	1"×1	2"×1	2"×1
125	4"×2	5"×1	1"×1	1"×1	2"×1	2"×1
150	4"×2	6"×1	1"×1	1"×1	2"×1	2"×1
175	4"×2	6"×1	1"×1	1"×1	2"×1	2"×1
200	5"×2	6"×1	1 1/4"×1	1 1/4"×1	2"×1	2"×1
225	5"×2	6"×1	1 1/4"×1	1 1/4"×1	2"×1	2"×1
250	5"×2	8"×1	1 1/4"×1	1 1/4"×1	2"×1	2"×1
300	6"×2	8"×1	1 1/4"×1	1 1/4"×1	2"×1	2"×1
350	6"×2	8"×1	1 1/2"×1	1 1/2"×1	2"×1	2"×1
400	6"×2	10"×1	1 1/2"×1	1 1/2"×1	2"×1	2"×1
450	6"×2	10"×1	1 1/2"×1	1 1/2"×1	2"×1	2"×1
500	8"×2	10"×1	1 1/2"×1	1 1/2"×1	2"×1	2"×1
600	6"×4	8"×2	1 1/2"×2	1 1/2"×2	2"×2	2"×2
700	6"×4	8"×2	1 1/2"×2	1 1/2"×2	2"×2	2"×2
800	6"×4	8"×2	1 1/2"×2	1 1/2"×2	2"×2	2"×2
900	8"×4	10"×2	1 1/2"×2	1 1/2"×2	2"×2	2"×2
1000	8"×4	10"×2	1 1/2"×2	1 1/2"×2	2"×2	2"×2

以上六種配管，單室冷卻塔各配一套，多室組合則依室數每室亦各配一套。

如需加裝連通管，請洽本公司業務人員。

中高溫型可能會變更管徑，請洽本公司業務人員。

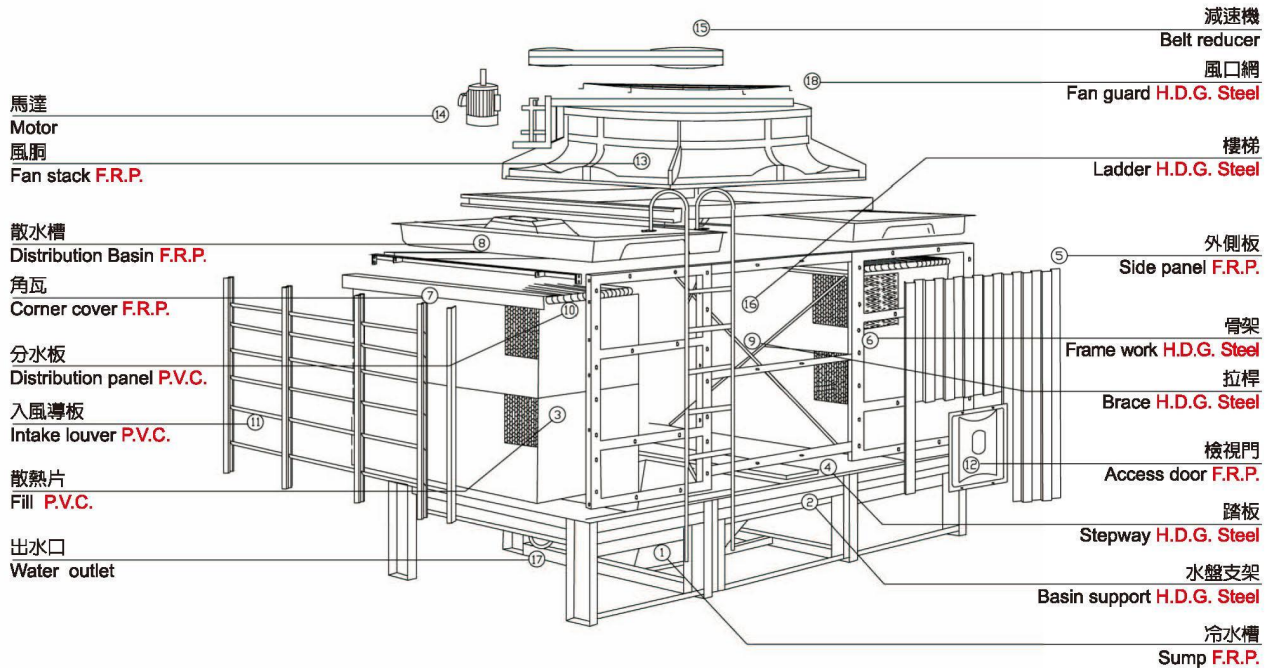
There are each one set of above six connections in single cell cooling tower. For modular type multi cells, the number of sets of connection are same as the number of cells,

Please consult with our representative if equalizing connections are required.

For high temperature condition, the pipe diameter might be changed. Please consult with our representative.

結構圖

Instructions for the Installation



標準材質 Standard Material

零件	PARTS	材質 MATERIAL
1 冷水槽	Sump	F.R.P.
2 水盤支架	Basin support	H.D.G. Steel
3 散熱片	Fill	P.V.C.
4 踏板	Stepway	H.D.G. Steel
5 外側板	Side panel	F.R.P.
6 骨架	Frame work	H.D.G. Steel
7 角瓦	Corner cover	P.V.C.
8 散水槽	Distribution basin	F.R.P.
9 拉桿	Brace	H.D.G. Steel

零件	PARTS	材質 MATERIAL
10 分水板	Distribution panel	P.V.C.
11 入風導板	Intake louver	P.V.C.
12 檢視門	Access door	F.R.P.
13 風胴	Fan stack	F.R.P.
14 馬達	Motor	
15 減速機	Belt reducer	
16 樓梯	Ladder	H.D.G. Steel
17 出水口	Water outlet	
18 風口網	Fan guard	H.D.G. Steel

特性說明

- 1. 聯結式組合, 占地面積小**
KH 為方形可聯結式組合, 充分利用空間, 占地節省; 外型美觀整齊, 易於做完整之安置規劃。
- 2. 系統特殊設計, 不易結垢阻塞**
進水系統、散水系統、集水系統及散熱填充材均經科學方法計算, 嚴謹設計, 使水流暢, 不易結垢阻塞。
- 3. 適合超大型大樓安裝使用**
為解決高樓吊運安裝之困擾, 將各部器材、零件加以特殊設計, 使搬運組合至為方便, 可不受高樓之規劃限制。
- 4. 耐候防蝕性強**
各項主配件均採用具耐候防蝕之熱浸鍍鋅鐵, FRP、PVC等材質製作, 可在高溫高濕地區使用。
- 5. 散熱效果好, 濺水率低**
經特殊設計試驗成功之真空成形散熱材, 熱交換效果極佳, 散熱材具備特殊導流設計, 能防止水花外濺, 僅沿散熱材往下流。
- 6. 入風順風板**
採用順風板將入風加以整流, 使其流暢, 且具有良好之擋水功能。
- 7. 噪音值低**
採用可調式鋁風葉或 F.R.P 風葉及特殊傳動減速機, 使噪音得到極佳的控制, 以達良好之環保效果。

Features

- 1. Modular type design**
Make full use of space; facile for mapping out a perfect installation design.
- 2. Meticulously engineered water circulation system**
No debris-clog and dirt-sedimentation.
- 3. Lightweight and portable components, very easy for transportation and rigging.**
Free from height limitation; Most suitable for sky-high buildings.
- 4. All key components are made of antirust & antiseptic materials.**
Strongly stands up to corrosion, microorganisms and harsh weather conditions.
- 5. Ingeniously corrugated fill**
Excellent for heat-exchange. Specifically designed flow regulating function (patent pending) to avoid water splashing out of fill. Water will only flow down along the fill.
- 6. Louver type air-intake**
Good at unifying air flow; greatly effective at eliminating splash.
- 7. Special drive design supported with high efficiency fan of adjustable fan pitch**
Result in a very low noise level.

KING SUN KH COOLING TOWER SERIES



南港展覽館 KH-600-C10x2



奇立光電 KH-350-C4x3



奇美材料PRP廠 KH-800-C2x1



台大國際會議中心 KH-200-C4x2