



BKK COOLING TOWER

CLOSE TYPE

MODEL : BKC-C-SERIES



Member



ISO 9001 : 2008

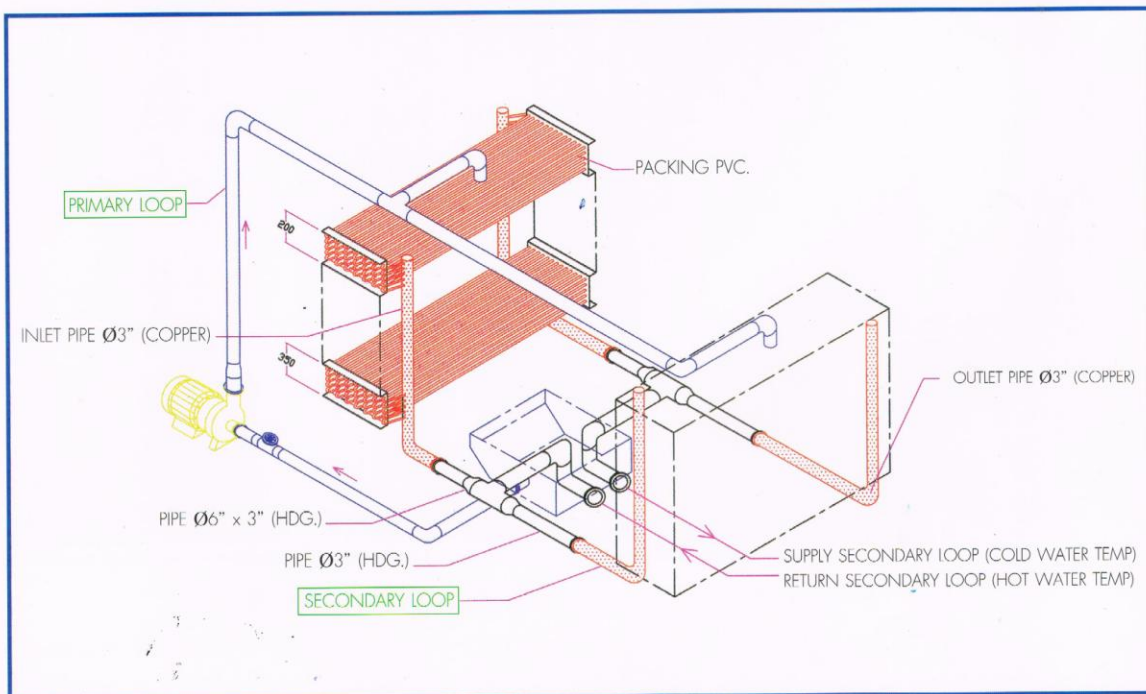
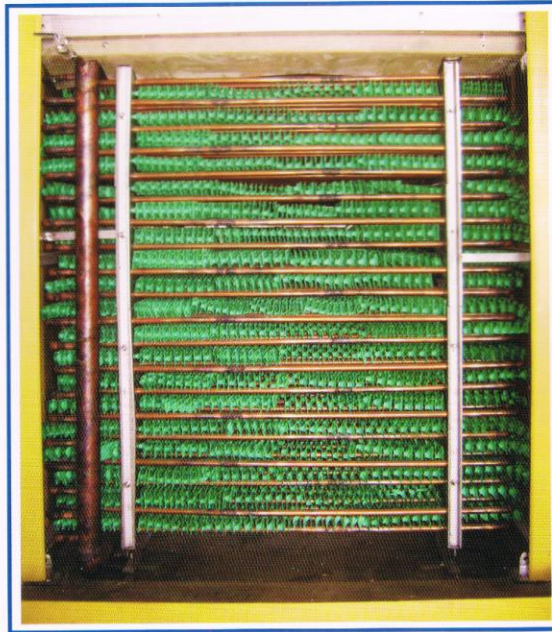


<http://www.bkkcooling.co.th>



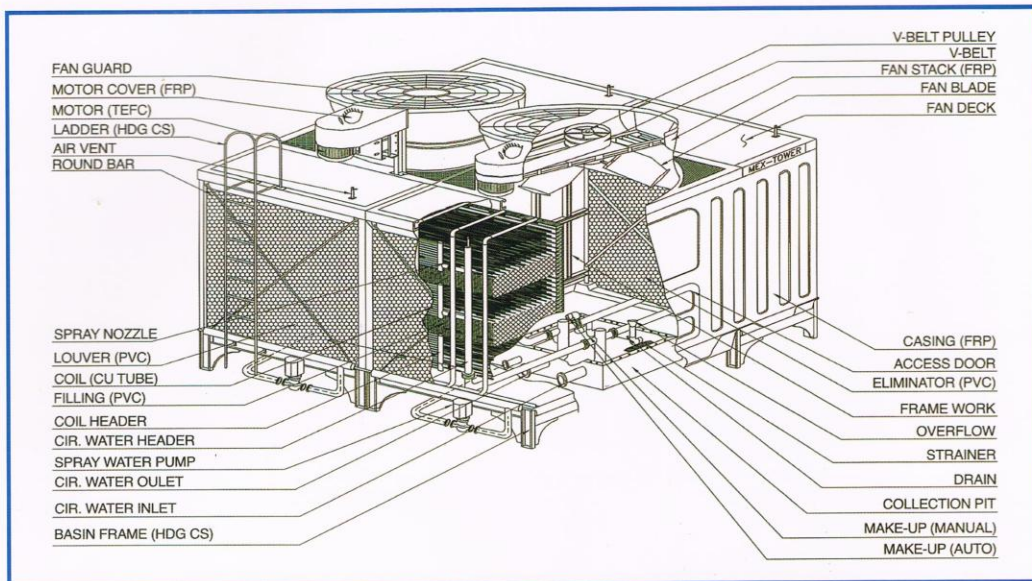
ENCLOSE

CROSS FLOW / CLOSED-CIRCUIT PACKAGE TOWER





BKC-C-TOWER CROSS FLOW / CLOSED-CIRCUIT PACKAGE TOWER



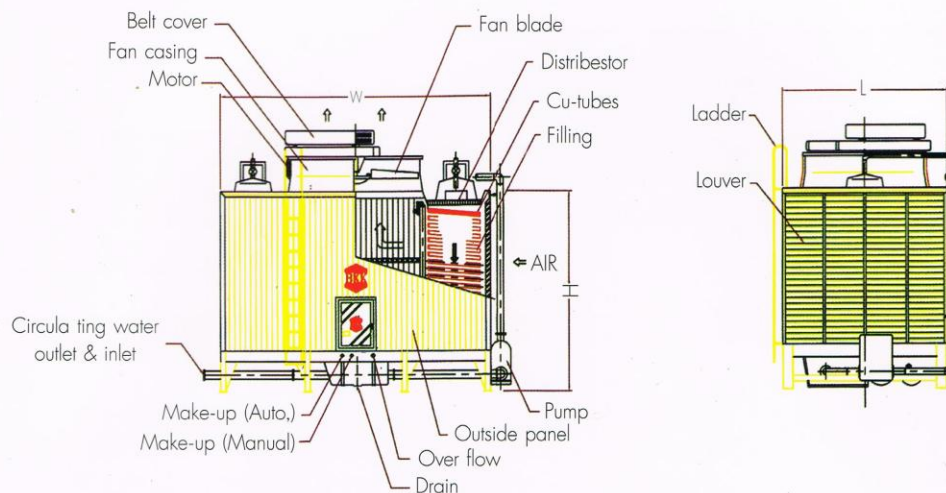
WATER DISTRIBUTION THROUGH COPPER COIL



CLOSED CIRCUIT PACKAGED / FRP /
Sony Dvice Technology (Thailand) Proj.

FEATURES AND ADVANTAGES FOR BKC - C - TOWER

- 1. CONTAMINATION FREE**
Cooling liquid (Mostly non freezing liquid) circulates in closed loop without contracting outside air and are kept in clean. Accordingly it prevents water from contamination.
- 2. ANTI CORROSION**
Either copper or 304 Stainless steel is used for coil material to prevent corrosion.
- 3. LOW OPERATING COST**
Comparatively less water consumption and less time significantly reduce operationing expense.
- 4. HIGH DUTY FAN**
High-efficiency hollow aluminum fan blades are equipped as standard.
- 5. EASY ACCESS TO MAINTENANCE**
Removal of the louvers provides access to all sides of the cold water basin for inspection, cleaning and maintenance.
- 6. WARRANTY**
BKK Cooling Towers carry a 5-Year Warranty on the entire FRP Cooling and basin and a 3-Year Warranty on other cooling tower components.
(Please refer to BKK Cooling Tower Maintenance Manual)



* BKC - C Specifications Table

Design conditions : water volume 13 l/min. RT temperature 37°C ----> 32°C (W.B. 27°C) 1 Rt = 3900 kcal/s

Type BKC - C	WATER VOLUME (l/min)	DIMENSION (mm)			AXIAL FLOW FAN				WEIGHT (Kg.)		COOLING CAPACITY (RT)
		L	W	H	DIMENSION (ϕ mm)	HP	P	QTY	DRY	OPERATION	
40	520	1260	1800	2500	960	2	8	1	950	1800	40
50	650	1470	2700	3100	1160	2	8	1	1050	1950	50
60	780	1470	3000	3100	1160	2	8	1	1270	2280	60
70	910	1870	3625	3100	1160	3	8	1	1370	2380	70
80	1040	2120	4025	3000	1500	3	8	1	1490	2450	80
100	1300	2125	4100	3250	1500	5	10	1	1650	2730	100
125	1625	2125	4100	3650	1700	5	10	1	2160	3360	125
150	1950	3670	4025	3000	1500	3	8	2	2950	4600	150
175	2275	4170	4275	3500	1700	3	8	2	3100	4810	175
200	2600	4125	4100	3250	1500	5	10	2	3430	5430	200
250	3250	4125	4100	3650	1700	5	10	2	3940	6220	250
300	3900	6175	4100	3250	1500	5	10	3	4950	7880	300

* RELATIVE TO INQUIRIES (COMMON FOR ENCLOSED TYPES OF COOLING TOWERS)

When inquiring about, or ordering, BKK cooling towers, please specify the following item :

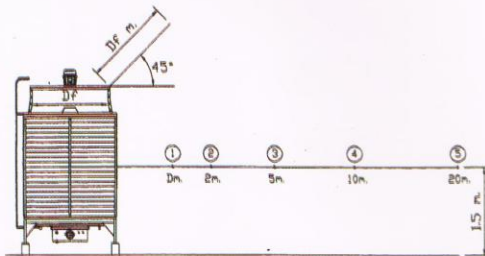
1. Circulating water volume (liters/min or T/H)
2. Tower inlet water temperature (°C)
3. Tower outlet water temperature (°C)
4. Wet bulb temperature (°C), or dry bulb temperature (°C) and relative humidity (%)
5. Constraining area or height of installation, and other factors of the installing location
6. Type of tower required
7. Power supply for fan : (a) voltage, (b) frequency, (c) phase number
8. Name of the locality of cooling tower erection
9. Any specifications relative to noise
10. Any other items of preference.



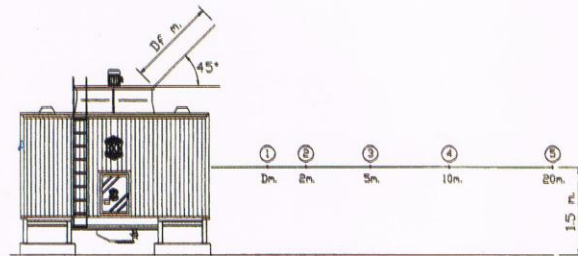
NOISE VALUE

MEASURING POINT	MEASURING DISTANCE	MODEL BKC-C (RT)																	
		80		100		125		150		175		200		225		250		300	
		MESASURING DIRECTION																	
		L	W	L	W	L	W	L	W	L	W	L	W	L	W	L	W	L	W
1	Dm.	53	60	54	61	59	61	58	64	61	68	59	66	57	63	59	65	60	65
2	2m.	55	59	56	60	61	61	60	64	63	68	61	66	60	64	62	66	62	66
3	5m.	51	56	52	57	57	57	56	60	59	64	58	63	56	61	58	63	58	63
4	10m.	46	52	47	53	51	53	50	56	54	60	52	58	51	56	53	58	52	58
5	20m.	40	46	41	47	46	47	45	51	48	54	47	53	45	51	47	53	47	53
6	45° Dfm	64	64	65	65	70	65	69	69	72	72	71	71	69	69	71	71	69	71

MEASURING POINT



Measuring direction (L)



Measuring direction (W)

1. Measuring point 1 is horizontal distance "D" equal to the width or length, away from the louvers or casing and 1.5 m Above the floor level. If "D" is less than 1.5 m., take the distance of 1.5 m.
2. Measuring point 6 is 45° upper distance "Df" equal to the fan diameter, away from the top edge of the fan stack. If "Df" is less than 1.5 m. take the distance of 1.5 m.
3. Measured noise levels should not be affected by surroundings such as echo.
4. Noise levels should be measured based on A scale.

PRODUCTS

TRACK RECORDS



Bangkok Komatsu Industries Project
(BKC-C-100RT x 1 Set)



K.E.I. Engineering (Site I.C.P.) Project
(BKC-C-100RT x 2 Sets)



ARC Engineering (Thailand) Project
(BKC-C-40 RT x 4 Cells 3 Sets)



Sony Device Technology (Thailand) Project
(BKC-C-125RT x 4 Cells)



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