



Fan - Coils

Air flow rate capacities : 200-2000 cfm

MODEL KEYWORD :

FCB C2 M 3 02 6 2

Series' B fan-coil

Ci : Ceiling fan-coil.

- C1 : Ceiling fan-coil with cabinet behind suction
- C2 : Ceiling fan-coil without cabinet behind suction
- C3 : Ceiling fan-coil with cabinet down suction
- C4 : Ceiling fan-coil without cabinet down suction
- C5 : Ceiling fan-coil without cabinet and return air plenum.
- CW : Both ceiling and wall mounted fan coil with luxury cabinet

Di : Ducted Fan-coil

- D1 : Ducted fan-coil behind suction and horizontal discharge
- D2 : Ducted fan-coil without return air plenum
- D3 : Ducted floor type fan-coil with cabinet and vertical discharge.

Fi : Floor type

- F1 : Floor type fan-coil with cabinet and slant top
- F2 : Floor type fan-coil with cabinet and front discharge
- F3 : Floor type fan-coil with cabinet and top discharge
- F4 : Floor type fan-coil with cabinet and top discharge lobby model.

M : With manual switch

R : Microprocessor remote controller with digital thermostat

D : With digital thermostat

W : Without control switch

Number of row

- 1 : 1 Row coil
- 2 : 2 Row coil
- 3 : 3 Row coil
- 4 : 4 Row coil
- 5 : 5 Row coil

Electrical powerspecification

- 6 ... 220 - 1 - 50 (V - ph - Hz)
- : Others by request

**Unit size (nominal air flow)
cfm options**

- | | |
|---------------|---------------|
| 02 : 200 cfm | 12 : 1200 cfm |
| 03 : 300 cfm | 14 : 1400 cfm |
| 04 : 400 cfm | 16 : 1600 cfm |
| 06 : 600 cfm | 18 : 1800 cfm |
| 08 : 800 cfm | 20 : 2000 cfm |
| 10 : 1000 cfm | |

0 : Cool water/ Hot water - right *

1 : Cool water/ Hot water - left *

2 : Direct Expeansion (DX) - right *

3 : Direct Expeansion (DX) - left *

* Note: All fan coils offered without fresh air damper, for fresh air damper please ask our sales dep.

* Note: The type of fan coil left or right means : when you are standing in front of fan coil, water inlet or outlet is weather in the right or left side of you.

THE PICTURES SHOWN FROM DIFFERENT FAN-COILS TYPES



SELECTION METHOD :

- selection example : (1)

Job requirement :

- Nominal cfm = 350 - Cooling Capacity = 4 Kw - Max pressure Drop = 2.5 ft. H₂O

$$\text{Altitude} = 4000 \text{ ft} \xrightarrow{\text{B (TABLE)}} y = 0.8550 \longrightarrow \text{cfm}_{(ACTUAL)} = \frac{\text{cfm}_{(NOMINAL)}}{y} = 400 \text{ cfm}$$

water coil selection method and characteristics from the catalogue: In this step, returning to cooling capacity table with 400 cfm, the best qualification, in the catalogue with regarding to pressure drop limits and cooling capacity is selection of one fan-coil unit with 2 rows and 1.5 GPM. Physical and electrical data given in the table of related page.

- selection example : (2)

Job requirement :

Nominal cfm = 250

Cooling Capacity = 3 Kw

db/wb = 26/18 °C

Suction saturation Temp. = 7 °C

$$\text{Altitude} = 3000 \text{ ft} \xrightarrow{\text{C (TABLE)}} y = 0.8425 \longrightarrow \text{cfm}_{(ACTUAL)} = \frac{\text{cfm}_{(NOMINAL)}}{y} = 300 \text{ cfm}$$

Direct expansion coil selection method and relative characteristics from the catalogue :

In this step, returning to cooling capacity table (DX COIL) with 300 cfm, the best qualification, in the catalogue with regarding to degree temperature limits and cooling capacity is selection, of one fan-coil unit with 3 rows. Physical and electrical data are given in the table of related page.

A (TABLE)

ALTITUDE HEATING CORRECTION FACTOR

ALTITUDE [ft]	ALTITUDE FACTOR(y)
1000	0.9930
2000	0.9655
3000	0.9395
4000	0.9135
5000	0.8880
6000	0.8635

B (TABLE)

ALTITUDE COOLING CORRECTION FACTOR

ALTITUDE [ft]	ALTITUDE FACTOR(y)
1000	0.9310
2000	0.9055
3000	0.8800
4000	0.8550
5000	0.8310
6000	0.8075

C (TABLE)

**ALTITUDE DIRECT EXPANSION (DX COIL)
CORRECTION FACTOR**

ALTITUDE [ft]	ALTITUDE FACTOR(y)
1000	0.8905
3000	0.8425
5000	0.7905
7000	0.7470

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- SIZE AND SPECIFICATIONS OF FAN COILS (Series B)

FAN COILS UNIT SIZE	COIL Data		FAN Data	ELECT-MOTOR		Nominal Air flow [m3 / Hr]
	FACE area [m2]	Size Connection [inch] NPS	Quantity * Wheel [mm]	No. Motor & Nominal Power [hp]	Approximate [rpm] High Speed	
FCB****02**	0.086	3/4	1 * 177.8	1 * 1/30	1 * 1250	339.84
FCB****03**	0.129	3/4	2 * 177.8	1 * 1/25	1 * 1280	509.76
FCB****04**	0.149	3/4	2 * 177.8	1 * 1/25	1 * 1280	679.68
FCB****06**	0.169	3/4	2 * 228.6	1 * 1/20	1 * 1280	1019.52
FCB****08**	0.229	3/4	1*177.8+2*228.6	1*1/20+1*1/30	1*1280+1*1250	1359.36
FCB****10**	0.289	3/4	2*177.8+2*228.6	1*1/20+1*1/25	2 * 1280	1699.2
FCB****12**	0.359	3/4	2 * 228.6	2 * 1/20	2 * 1280	2039.04
FCB****14**	0.418	1	2*228.6+4*177.8	1*1/20+2*1/25	3 * 1280	2378.88
FCB****16**	0.477	1	4*228.6+2*177.8	2*1/20+1*1/25	3 * 1280	2718.72
FCB****18**	0.537	1	6 * 228.6	3 * 1/20	3 * 1280	3058.56
FCB****20**	0.597	1	6 * 228.6	3 * 1/20	3 * 1280	3398.40

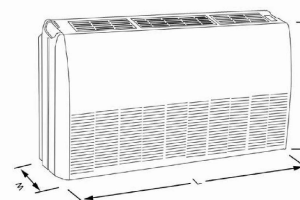
- SIZE AND SPECIFICATIONS OF FAN COILS (Ducted fan coil) *

FAN COILS UNIT SIZE	COIL Data		FAN & ELECTROMOTOR Data		Nominal Air flow [m3 / Hr]
	FACE area [m2]	Size Connection [inch] NPS	No. Motor & Nominal Power [w]	Approximate (rpm) High speed	
FCBD***10**	0.244	1	1 * 360	1 * 1300	1699.2
FCBD***12**	0.296	1	1 * 380	1 * 1250	2030.04
FCBD***14**	0.344	1 1/2	1 * 490	1 * 1100	2378.88
FCBD***16**	0.396	1 1/2	1 * 650	1 * 1150	2718.72
FCBD***18**	0.448	1 1/2	2 * 360	2 * 1300	3398.40
FCBD***20**	0.488	1 1/2	2 * 360	2 * 1300	3398.40

Note *: For more information about ducted fan coils and others capacity of this products, please contact with Techno Actors sales department.

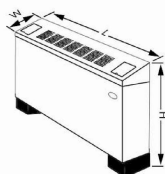
- DIMENSIONS AND PHYSICAL DATA OF FCBCW*****

Dimensions	Capacity [cfm]					
	200	300	400	600	800	1000
L [mm]	640	840	955	1070	1382	1662
W [mm]	235	235	235	235	235	235
H [mm]	610	610	610	610	610	610



Dimensions	Capacity [cfm]					
	200	300	400	600	800	1000
Coil Length [mm]	430	635	730	860	1150	1460
Lovers	1*B	2*S	1*B+1*S	2*S	2*B+1*S	2*B+2*S

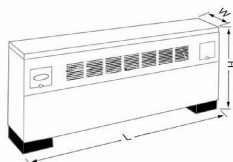
- DIMENSIONS AND PHYSICAL DATA OF FCBF1*****



Fan Coil Type : **Floor fan coil**
(with cabinet)
Suction Side : **Down**
Discharge Side : **Canted discharge**
Filter Position : **Down**

Capacity [cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L [mm]	910	1115	1215	1355	1630	1940	2280	2530	2780	3020	3280
W [mm]	210	210	210	210	210	210	210	210	210	210	210
H [mm]	600	600	600	600	600	600	600	600	600	600	600

- DIMENSIONS AND PHYSICAL DATA OF FCBF2*****



Fan Coil Type : **Floor fan coil**
(with cabinet)
Suction Side : **Down**
Discharge Side : **Front**
Filter Position : **Down**

Capacity [cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L [mm]	910	1115	1215	1355	1630	1940	2280	2530	2780	3020	3280
W [mm]	210	210	210	210	210	210	210	210	210	210	210
H [mm]	600	600	600	600	600	600	600	600	600	600	600

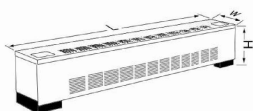
- DIMENSIONS AND PHYSICAL DATA OF FCBF3*****



Fan Coil Type : **Floor fan coil**
(with cabinet)
Suction Side : **Down**
Discharge Side : **Top**
Filter Position : **Down**

Capacity [cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L [mm]	910	1115	1215	1355	1630	1940	2280	2530	2780	3020	3280
W [mm]	210	210	210	210	210	210	210	210	210	210	210
H [mm]	600	600	600	600	600	600	600	600	600	600	600

- DIMENSIONS AND PHYSICAL DATA OF FCBF4*****



Fan Coil Type : **Floor lobby fan coil**
(with cabinet)

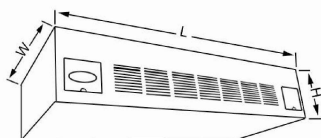
Suction Side : **Front**

Discharge Side : **Top**

Filter Position : **Front**

Capacity [cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L [mm]	910	1115	1215	1355	1630	1940	2280	2530	2780	3020	3280
W [mm]	280	280	280	280	280	280	280	280	280	280	280
H [mm]	355	355	355	355	355	355	355	355	355	355	355

- DIMENSIONS AND PHYSICAL DATA OF FCBC1*****



Fan Coil Type : **Ceiling fan coil**
(with cabinet)

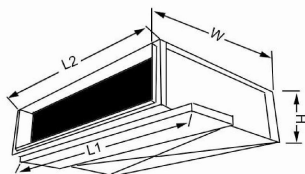
Suction Side : **Behind**

Discharge Side : **Front**

Filter Position : **Behind**

Capacity [cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L [mm]	830	1035	1135	1275	1550	1860	2200	2450	2700	2960	3200
H [mm]	263	263	263	263	263	263	263	263	263	263	263
W [mm]	600	600	600	600	600	600	600	600	600	600	600

- DIMENSIONS AND PHYSICAL DATA OF FCBC2*****



Fan Coil Type : **Ceiling fan coil**
(without cabinet)

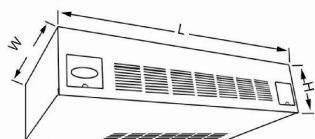
Suction Side : **Behind**

Discharge Side : **Front**

Filter Position : **Behind**

Capacity [cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L1 [mm]	570	775	870	1000	1290	1600	1940	2190	2440	2680	2940
H [mm]	248	248	248	248	248	248	248	248	248	248	248
W [mm]	660	660	660	660	660	660	660	660	660	660	660
L 2 [mm]	490	695	790	920	1210	1520	1860	2110	2360	2600	2860

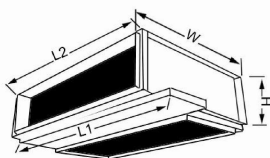
- DIMENSIONS AND PHYSICAL DATA OF FCBC3*****



Fan Coil Type : **Ceiling fan coil
(with cabinet)**
Suction Side : **Down**
Discharge Side : **Front**
Filter Position : **Down**

Capacity[cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L [mm]	830	1035	1135	1275	1550	1860	2200	2450	2700	2960	3200
W [mm]	263	263	263	263	263	263	263	263	263	263	263
H [mm]	600	600	600	600	600	600	600	600	600	600	600

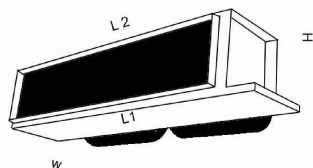
- DIMENSIONS AND PHYSICAL DATA OF FCBC4*****



Fan Coil Type : **Ceiling fan coil
(without cabinet)**
Suction Side : **Down**
Discharge Side : **Front**
Filter Position : **Down**

Capacity[cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L1 [mm]	570	775	870	1000	1290	1600	1940	2190	2440	2680	2940
H [mm]	278	278	278	278	278	278	278	278	278	278	278
W [mm]	630	630	630	630	630	630	630	630	630	630	630
L2 [mm]	490	695	790	920	1210	1520	1860	2110	2360	2600	2860

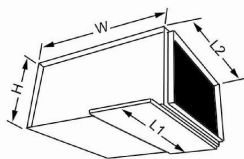
- DIMENSIONS AND PHYSICAL DATA OF FCBC5*****



Fan Coil Type : **Ceiling fan coil
(without cabinet)**
Suction Side : **Behind**
Discharge Side : **Front**
Filter Position : **Without filter.**

Capacity[cfm]	200	300	400	600	800	1000	1200	1400	1600	1800	2000
Dimensions											
L1 [mm]	570	775	870	1000	1290	1600	1940	2190	2440	2680	2940
H [mm]	215	215	215	215	215	215	215	215	215	215	215
W [mm]	420	420	420	420	420	420	420	420	420	420	420
L2 [mm]	490	695	790	920	1210	1520	1860	2110	2360	2600	2860

- DIMENSIONS AND PHYSICAL DATA OF FCBD1*****

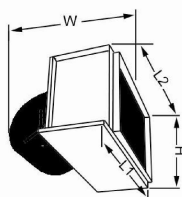


Fan Coil Type : **Ducted fan coil**
(without cabinet)

Suction Side : **Behind**
Discharge Side : **Front**
Filter Position : **Behind**

Capacity[cfm]	1000	1200	1400	1600	1800	2000
Dimensions						
L1 [mm]	750	870	990	1120	1240	1360
H [mm]	415	415	415	415	415	415
W [mm]	740	740	740	740	740	740
L2 [mm]	670	790	910	1040	1160	1280

- DIMENSIONS AND PHYSICAL DATA OF FCBD2*****



Fan Coil Type : **Ducted fan coil**
(without cabinet)

Suction Side : **Behind**
Discharge Side : **Front**
Filter Position : **Without filter**

Capacity[cfm]	1000	1200	1400	1600	1800	2000
Dimensions						
L1 [mm]	750	870	990	1120	1240	1360
H [mm]	415	415	415	415	415	415
W [mm]	610	610	610	610	610	610
L2 [mm]	670	790	910	1040	1160	1280

- DIMENSIONS AND PHYSICAL DATA OF FCBD3*****



Fan Coil Type : **Ducted floor fan coil**
(with cabinet)

Suction Side : **Front**
Discharge Side : **Top**
Filter Position : **Front**

Capacity[cfm]	1000	1200	1400	1600	1800	2000
Dimensions						
L [mm]	810	930	1050	1180	1300	1420
H [mm]	850	850	850	850	850	850
W [mm]	465	465	465	465	465	465

- Hot Water Heating Capacity (kw)... Only(FCB*0****) and (FCB***1****)**

Fan-coils models	GPM															
	0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10	12	14	16	18	20
FCB***02*1	2.97	3.44	3.40	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***02*2	4.11	4.92	5.25	5.42	5.61	-	-	-	-	-	-	-	-	-	-	-
FCB***02*3	4.81	5.79	6.15	6.33	6.50	6.60	-	-	-	-	-	-	-	-	-	-
FCB***02*4	5.19	6.27	6.63	6.80	6.97	7.04	7.09	7.12	-	-	-	-	-	-	-	-
FCB***02*5	5.46	6.59	6.93	7.08	7.22	7.28	7.32	7.34	7.36	-	-	-	-	-	-	-
FCB***03*1	4.02	4.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***03*2	5.40	6.89	7.51	7.85	-	-	-	-	-	-	-	-	-	-	-	-
FCB***03*3	6.25	8.14	8.06	9.22	9.58	9.76	-	-	-	-	-	-	-	-	-	-
FCB***03*4	6.67	8.83	9.59	9.96	10.30	10.46	10.55	-	-	-	-	-	-	-	-	-
FCB***03*5	6.69	9.30	10.07	10.41	10.71	10.84	10.92	10.96	-	-	-	-	-	-	-	-
FCB***04*1	4.96	5.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***04*2	6.17	8.13	9.26	9.79	-	-	-	-	-	-	-	-	-	-	-	-
FCB***04*3	7.02	9.83	11.00	11.62	12.23	-	-	-	-	-	-	-	-	-	-	-
FCB***04*4	7.41	10.67	11.99	12.64	13.27	13.56	13.73	-	-	-	-	-	-	-	-	-
FCB***04*5	7.66	11.26	12.66	13.31	13.90	14.16	14.31	14.40	-	-	-	-	-	-	-	-
FCB***06*1	5.60	7.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***06*2	7.06	10.33	11.95	12.80	-	-	-	-	-	-	-	-	-	-	-	-
FCB***06*3	7.78	12.11	14.27	15.47	16.76	-	-	-	-	-	-	-	-	-	-	-
FCB***06*4	8.05	13.06	15.60	17.00	18.41	19.10	-	-	-	-	-	-	-	-	-	-
FCB***06*5	8.21	13.71	16.54	18.06	19.52	20.19	20.57	20.81	-	-	-	-	-	-	-	-
FCB***08*1	6.48	9.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***08*2	7.75	12.24	14.68	16.17	-	-	-	-	-	-	-	-	-	-	-	-
FCB***08*3	8.25	14.06	17.38	19.35	21.48	-	-	-	-	-	-	-	-	-	-	-
FCB***08*4	8.39	14.91	18.85	21.17	23.61	24.81	-	-	-	-	-	-	-	-	-	-
FCB***08*5	8.46	15.45	19.86	22.45	25.07	26.29	26.97	-	-	-	-	-	-	-	-	-
FCB***10*1	7.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***10*2	8.13	13.67	16.98	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***10*3	8.44	15.34	19.83	22.66	-	-	-	-	-	-	-	-	-	-	-	-
FCB***10*4	8.50	16.00	21.25	24.64	28.36	-	-	-	-	-	-	-	-	-	-	-
FCB***10*5	8.53	16.37	22.19	26.01	30.11	32.06	-	-	-	-	-	-	-	-	-	-
FCB***12*1	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***12*2	8.34	14.73	18.88	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***12*3	8.51	16.13	21.69	25.46	-	-	-	-	-	-	-	-	-	-	-	-
FCB***12*4	8.54	16.58	22.95	27.43	32.64	-	-	-	-	-	-	-	-	-	-	-
FCB***12*5	8.55	16.80	23.70	28.75	34.60	37.49	-	-	-	-	-	-	-	-	-	-
FCB***14*1	7.24	11.41	13.93	15.62	17.73	18.99	-	-	-	-	-	-	-	-	-	-
FCB***14*2	8.06	14.09	18.30	21.29	25.19	27.58	29.19	30.35	31.22	31.90	-	-	-	-	-	-
FCB***14*3	-	15.39	20.73	24.67	29.84	32.98	35.05	36.51	37.58	38.41	39.58	40.39	-	-	-	-
FCB***14*4	-	15.92	21.90	26.46	32.54	36.23	38.59	40.24	41.43	42.33	43.59	44.23	45.02	45.47	-	-
FCB***14*5	-	-	22.66	27.68	34.44	38.50	41.08	42.82	44.05	44.96	46.22	47.03	47.60	48.01	48.33	45.58
FCB***16*1	7.52	12.17	15.09	17.06	19.57	21.09	-	-	-	-	-	-	-	-	-	-
FCB***16*2	8.22	12.74	19.48	22.95	27.56	30.44	32.40	33.82	34.89	35.72	-	-	-	-	-	-
FCB***16*3	-	15.88	21.82	26.35	32.51	36.34	38.89	40.70	42.04	43.06	44.54	45.54	-	-	-	-
FCB***16*4	-	-	22.88	28.09	35.32	39.83	42.80	44.87	46.37	47.51	49.11	50.17	50.93	51.49	-	-
FCB***16*5	-	-	23.53	29.23	37.28	42.30	45.55	47.77	49.36	50.53	52.15	53.19	53.92	54.45	54.86	55.17
FCB***18*1	7.76	12.90	16.21	18.50	21.45	-	-	-	-	-	-	-	-	-	-	-
FCB***18*2	8.33	12.29	20.56	24.51	29.89	33.32	35.66	37.36	38.65	-	-	-	-	-	-	-
FCB***18*3	-	16.27	22.75	27.89	35.08	39.66	42.74	44.93	46.56	47.81	49.61	-	-	-	-	-
FCB***18*4	-	16.60	23.67	29.50	37.92	43.34	46.95	49.49	51.34	52.74	54.71	56.02	56.95	-	-	-
FCB***18*5	-	-	24.21	30.54	39.89	45.94	49.93	52.68	54.66	56.12	58.14	59.43	60.33	60.99	61.49	-
FCB***20*1	7.92	13.40	17.05	19.61	22.94	-	-	-	-	-	-	-	-	-	-	-
FCB***20*2	8.39	15.64	21.31	25.66	31.71	35.62	38.33	40.31	41.82	-	-	-	-	-	-	-
FCB***20*3	-	16.49	23.35	28.94	37.02	42.29	45.89	48.48	50.41	51.91	54.06	-	-	-	-	-
FCB***20*4	-	16.75	24.15	30.44	39.85	46.11	50.37	53.40	55.62	57.31	59.70	61.29	62.42	-	-	-
FCB***20*5	-	-	24.61	31.44	41.78	48.79	53.54	56.87	59.27	61.07	63.55	65.15	66.26	67.08	67.69	-

NOTE 1: Entering Water Temp 80 C , Dry bulb Temp 13.3 C , and Wet bulb Temp 11.1 C , ALTITUDE = 0

NOTE 2: For Changing from GPM to L/S (No.GPM*0.06309)

- Chilled Water Cooling Capacity (kw)... Only(FCB*0****) and (FCB***1****)**

Fan-coils models	GPM														
		0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10	12	14	16
FCB***02*1	S	0.92	1.07	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.20	1.66												
FCB***02*2	S	1.25	1.46	1.61	1.73	-	-	-	-	-	-	-	-	-	-
	T	1.57	2.20	2.61	2.93										
FCB***02*3	S	1.41	1.67	1.84	1.97	2.12	2.20	-	-	-	-	-	-	-	-
	T	1.80	2.57	3.02	3.34	3.75	3.94								
FCB***02*4	S	1.49	1.79	1.98	2.12	2.29	2.39	2.45	-	-	-	-	-	-	-
	T	1.91	2.79	3.29	3.66	4.07	4.30	4.44							
FCB***02*5	S	1.54	1.86	2.07	2.21	2.41	2.51	2.57	2.61	-	-	-	-	-	-
	T	2.01	2.93	3.52	3.89	4.31	4.55	4.69	4.76						
FCB***03*1	S	1.32	1.51	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.61	2.20												
FCB***03*2	S	1.79	2.09	2.29	2.44	-	-	-	-	-	-	-	-	-	-
	T	2.04	2.97	3.57	3.98										
FCB***03*3	S	1.98	2.34	2.62	2.79	3.07	-	-	-	-	-	-	-	-	-
	T	2.27	3.39	4.12	4.62	5.31									
FCB***03*4	S	2.10	2.50	2.80	3.00	3.29	3.50	-	-	-	-	-	-	-	-
	T	2.40	3.64	4.48	5.03	5.74	6.22								
FCB***03*5	S	2.13	2.58	2.90	3.14	3.44	3.65	3.77	-	-	-	-	-	-	-
	T	2.51	3.84	4.73	5.35	6.11	6.60	6.84							
FCB***04*1	S	1.60	1.85	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.84	2.56												
FCB***04*2	S	2.15	2.56	2.79	2.98	-	-	-	-	-	-	-	-	-	-
	T	2.15	3.38	4.12	4.67										
FCB***04*3	S	2.45	2.96	3.19	3.45	3.78	-	-	-	-	-	-	-	-	-
	T	2.45	3.85	4.76	5.45	6.36									
FCB***04*4	S	2.59	3.08	3.43	3.70	4.09	4.36	-	-	-	-	-	-	-	-
	T	2.59	4.16	5.17	5.95	6.96	7.60								
FCB***04*5	S	2.69	3.19	3.58	3.86	4.29	2.43	4.81	-	-	-	-	-	-	-
	T	2.69	4.36	5.49	6.31	7.41	8.10	8.60							
FCB***06*1	S	1.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.97													
FCB***06*2	S	2.49	3.39	3.67	-	-	-	-	-	-	-	-	-	-	-
	T	2.49	3.98	4.94											
FCB***06*3	S	2.77	3.86	4.24	4.56	5.04	-	-	-	-	-	-	-	-	-
	T	2.77	4.39	5.68	6.60	7.92									
FCB***06*4	S	2.89	4.13	4.56	4.90	5.47	-	-	-	-	-	-	-	-	-
	T	2.89	4.83	6.15	7.18	8.72									
FCB***06*5	S	2.97	4.28	4.75	5.10	5.74	6.15	-	-	-	-	-	-	-	-
	T	2.97	5.04	6.47	7.62	9.29	10.44								
FCB***08*1	S	2.32	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2.32													
FCB***08*2	S	2.81	4.34	4.71	-	-	-	-	-	-	-	-	-	-	-
	T	2.81	4.69	5.90											
FCB***08*3	S	3.03	5.01	5.36	5.79	6.36	-	-	-	-	-	-	-	-	-
	T	3.03	5.01	6.70	7.87	9.66									
FCB***08*4	S	3.12	5.20	5.74	6.16	6.88	-	-	-	-	-	-	-	-	-
	T	3.12	5.49	7.18	8.51	10.55									
FCB***08*5	S	3.17	5.39	5.94	6.41	7.19	7.81	-	-	-	-	-	-	-	-
	T	3.17	5.70	7.53	8.97	11.21	12.86								
FCB***10*1	S	2.59	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2.59													
FCB***10*2	S	3.01	4.95	5.68	-	-	-	-	-	-	-	-	-	-	-
	T	3.01	4.95	6.73											
FCB***10*3	S	3.17	5.57	6.45	6.90	-	-	-	-	-	-	-	-	-	-
	T	3.17	5.57	7.53	8.97										
FCB***10*4	S	3.22	5.86	6.85	7.42	8.23	-	-	-	-	-	-	-	-	-
	T	3.22	5.86	8.01	9.61	12.13									
FCB***10*5	S	3.25	6.03	7.09	7.62	8.60	-	-	-	-	-	-	-	-	-
	T	3.25	6.03	8.32	10.09	12.82									

continued

- Chilled Water Cooling Capacity (kw)... Only(FCB*0****) and (FCB***1****)**

Fan-coils models		GPM													
		0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10	12	14	16
FCB***12**1	S	2.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2.79	-	-	-	-	-	-	-	-	-	-	-	-	-
FCB***12**2	S	3.13	5.40	-	-	-	-	-	-	-	-	-	-	-	-
	T	3.13	5.40	-	-	-	-	-	-	-	-	-	-	-	-
FCB***12**3	S	7.80	5.96	7.55	8.09	-	-	-	-	-	-	-	-	-	-
	T	7.80	5.96	8.18	9.86	-	-	-	-	-	-	-	-	-	-
FCB***12**4	S	3.27	6.18	7.95	8.58	-	-	-	-	-	-	-	-	-	-
	T	3.27	6.18	8.62	10.53	-	-	-	-	-	-	-	-	-	-
FCB***12**5	S	3.28	6.31	8.22	8.81	9.86	-	-	-	-	-	-	-	-	-
	T	3.28	6.31	8.90	10.96	14.17	-	-	-	-	-	-	-	-	-
FCB***14**1	S	2.49	3.88	4.76	5.31	5.69	-	-	-	-	-	-	-	-	-
	T	2.49	3.88	4.76	5.86	7.14	-	-	-	-	-	-	-	-	-
FCB***14**2	S	2.84	4.82	6.22	7.25	8.08	8.52	8.97	9.30	9.52	-	-	-	-	-
	T	2.84	4.82	6.22	7.25	9.57	10.99	12.18	13.18	14.01	-	-	-	-	-
FCB***14**3	S	-	5.31	7.03	8.34	9.25	9.82	10.26	10.77	11.15	11.40	11.91	-	-	-
	T	-	5.31	7.03	8.34	10.94	12.73	14.24	15.47	16.57	17.49	18.95	-	-	-
FCB***14**4	S	-	5.55	7.74	8.96	9.91	10.58	11.12	11.52	12.06	12.46	13.00	13.53	13.93	-
	T	-	5.55	7.74	8.96	11.86	13.92	15.66	17.03	18.30	19.38	21.06	22.52	23.53	-
FCB***14**5	S	-	-	7.78	9.40	10.23	10.98	11.53	12.08	12.63	13.05	13.73	14.28	14.83	15.11
	T	-	-	7.78	9.40	12.52	14.79	16.65	18.27	19.61	20.78	22.71	24.21	25.36	26.30
FCB***16**1	S	2.62	4.18	5.19	5.95	6.38	-	-	-	-	-	-	-	-	-
	T	2.62	4.18	5.19	6.41	7.78	-	-	-	-	-	-	-	-	-
FCB***16**2	S	2.95	5.11	6.69	7.87	9.08	9.58	9.96	10.34	-	-	-	-	-	-
	T	2.95	5.11	6.69	7.87	10.39	11.99	13.32	14.47	-	-	-	-	-	-
FCB***16**3	S	-	5.57	7.50	9.00	10.33	10.98	11.56	11.99	12.42	12.79	13.44	-	-	-
	T	-	5.57	7.50	9.00	11.83	13.85	15.52	16.94	18.13	19.23	20.88	-	-	-
FCB***16**4	S	-	5.79	7.93	9.63	11.01	11.78	12.39	13.00	13.46	13.92	14.53	15.14	-	-
	T	-	5.79	7.93	9.63	12.78	15.08	17.03	18.63	20.03	21.26	23.30	24.91	-	-
FCB***16**5	S	-	-	8.21	10.06	11.45	12.23	12.86	13.49	14.12	14.59	15.37	16.00	16.63	17.10
	T	-	-	8.21	10.06	13.46	15.98	18.05	19.90	21.43	22.80	25.03	26.74	28.18	29.30
FCB***18**1	S	2.75	4.47	5.62	6.43	7.10	-	-	-	-	-	-	-	-	-
	T	2.75	4.47	5.62	6.43	8.51	-	-	-	-	-	-	-	-	-
FCB***18**2	S	3.04	5.38	7.14	8.48	10.08	10.65	11.08	11.50	-	-	-	-	-	-
	T	3.04	5.38	7.14	8.48	11.21	13.05	14.56	15.79	-	-	-	-	-	-
FCB***18**3	S	-	5.81	7.95	9.64	11.46	12.20	12.77	13.33	13.74	14.15	-	-	-	-
	T	-	5.81	7.95	9.64	12.73	14.97	16.85	18.40	19.78	21.06	-	-	-	-
FCB***18**4	S	-	6.00	8.34	10.25	12.22	12.99	13.77	14.28	14.80	15.32	16.18	16.87	-	-
	T	-	6.00	8.34	10.25	13.69	16.25	18.40	20.23	21.84	23.19	25.55	27.38	-	-
FCB***18**5	S	-	-	8.60	10.67	12.62	13.50	14.29	15.00	15.53	16.06	17.12	17.83	18.35	-
	T	-	-	8.60	10.67	14.37	17.17	19.50	21.52	23.29	24.81	27.74	29.39	31.04	-
FCB***20**1	S	2.83	4.68	5.93	6.84	7.71	-	-	-	-	-	-	-	-	-
	T	2.83	4.68	5.93	6.84	8.97	-	-	-	-	-	-	-	-	-
FCB***20**2	S	3.09	5.56	7.46	8.93	10.98	11.53	12.08	12.47	-	-	-	-	-	-
	T	3.09	5.56	7.46	8.93	11.86	13.82	15.47	16.75	-	-	-	-	-	-
FCB***20**3	S	-	5.96	8.24	10.08	12.42	13.23	13.86	14.40	14.94	15.31	-	-	-	-
	T	-	5.96	8.24	10.08	13.38	15.82	17.85	19.55	21.09	22.39	-	-	-	-
FCB***20**4	S	-	6.13	8.61	10.68	13.26	14.12	14.89	15.46	16.03	16.60	17.56	18.32	-	-
	T	-	6.13	8.61	10.68	14.35	17.12	19.46	21.43	23.17	24.72	27.29	29.39	-	-
FCB***20**5	S	-	-	8.85	11.08	13.71	14.69	15.47	16.29	16.84	17.43	18.41	19.39	19.98	-
	T	-	-	8.85	11.08	15.01	18.04	20.60	22.75	24.72	26.42	29.30	31.50	33.41	-

NOTE 1: Entering Water Temp 7.2°C , Dry bulb Temp 32.2°C , and Wet bulb Temp 23.8°C

ALTITUDE =0 S:Sensible Heat T:Total Heat

NOTE 2: For Changing from GPM to L/S (No.GPM*0.06309)

- Hot Water Coil (GPM-Pressure Drop)(Kpa)... Only(FCB*0****) and (FCB***1****)**

Unit Size row	GPM															
	0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10	12	14	16	18	20
	Pressure Drop [kpa]															
02-1ROW	1.93	6.59	13.53	-	-	-	-	-	-	-	-	-	-	-	-	-
02-2ROW	0.56	1.93	3.96	6.59	13.53	-	-	-	-	-	-	-	-	-	-	-
02-3ROW	0.27	0.94	1.93	3.21	6.59	10.98	-	-	-	-	-	-	-	-	-	-
02-4ROW	0.16	0.56	1.15	1.93	3.96	6.56	9.79	13.53	-	-	-	-	-	-	-	-
02-5ROW	0.11	0.37	0.78	1.30	2.66	4.44	6.59	9.11	11.97	-	-	-	-	-	-	-
03-1ROW	2.49	8.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03-2ROW	0.72	2.49	5.11	8.51	-	-	-	-	-	-	-	-	-	-	-	-
03-3ROW	0.35	1.21	2.49	4.15	8.51	14.18	-	-	-	-	-	-	-	-	-	-
03-4ROW	0.21	0.72	1.49	2.49	5.11	8.51	12.64	-	-	-	-	-	-	-	-	-
03-5ROW	0.14	0.49	1.01	1.67	3.44	5.73	8.51	11.76	-	-	-	-	-	-	-	-
04-1ROW	2.77	9.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-2ROW	0.81	2.77	5.69	9.47	-	-	-	-	-	-	-	-	-	-	-	-
04-3ROW	0.39	1.35	2.77	4.62	9.47	-	-	-	-	-	-	-	-	-	-	-
04-4ROW	0.23	0.82	1.66	2.72	5.69	9.47	14.07	-	-	-	-	-	-	-	-	-
04-5ROW	0.16	0.54	1.12	1.86	3.83	6.38	9.47	13.09	-	-	-	-	-	-	-	-
06-1ROW	3.12	10.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06-2ROW	0.91	3.12	6.41	10.67	-	-	-	-	-	-	-	-	-	-	-	-
06-3ROW	0.44	1.52	3.12	5.20	10.67	-	-	-	-	-	-	-	-	-	-	-
06-4ROW	0.26	0.91	1.87	3.12	6.41	10.67	-	-	-	-	-	-	-	-	-	-
06-5ROW	0.17	0.61	1.26	2.10	4.31	7.19	10.67	14.75	-	-	-	-	-	-	-	-
08-1ROW	3.92	13.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08-2ROW	1.14	3.92	8.04	13.38	-	-	-	-	-	-	-	-	-	-	-	-
08-3ROW	0.55	1.90	3.92	6.52	13.38	-	-	-	-	-	-	-	-	-	-	-
08-4ROW	0.33	1.14	2.35	3.92	8.04	13.38	-	-	-	-	-	-	-	-	-	-
08-5ROW	0.22	0.77	1.58	2.63	5.41	9.01	13.38	-	-	-	-	-	-	-	-	-
10-1ROW	4.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10-2ROW	1.39	4.77	9.80	-	-	-	-	-	-	-	-	-	-	-	-	-
10-3ROW	0.68	2.32	4.77	7.95	-	-	-	-	-	-	-	-	-	-	-	-
10-4ROW	0.40	1.39	2.86	4.77	9.80	-	-	-	-	-	-	-	-	-	-	-
10-5ROW	0.27	0.94	1.93	3.21	6.59	10.98	-	-	-	-	-	-	-	-	-	-
12-1ROW	5.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12-2ROW	1.67	5.71	11.72	-	-	-	-	-	-	-	-	-	-	-	-	-
12-3ROW	0.81	2.78	5.71	9.51	-	-	-	-	-	-	-	-	-	-	-	-
12-4ROW	0.49	1.67	3.43	5.71	11.72	-	-	-	-	-	-	-	-	-	-	-
12-5ROW	0.32	1.12	2.31	3.84	7.89	13.12	-	-	-	-	-	-	-	-	-	-
14-1ROW	0.33	1.13	2.33	3.89	7.98	13.29	-	-	-	-	-	-	-	-	-	-
14-2ROW	0.09	0.33	0.68	1.13	2.33	3.89	5.78	7.98	10.49	13.29	-	-	-	-	-	-
14-3ROW	-	0.16	0.33	0.55	1.13	1.89	2.81	3.89	5.11	6.48	9.62	13.29	-	-	-	-
14-4ROW	-	0.09	0.20	0.33	0.68	1.13	1.69	2.33	3.07	3.89	5.78	7.98	10.49	13.29	-	-
14-5ROW	-	-	0.13	0.22	0.46	0.76	1.13	1.57	2.06	2.62	3.89	5.37	7.06	8.95	11.02	13.20
16-1ROW	0.36	1.24	2.56	4.26	8.74	14.56	-	-	-	-	-	-	-	-	-	-
16-2ROW	0.10	0.36	0.75	1.24	2.56	4.26	6.33	8.74	11.49	14.56	-	-	-	-	-	-
16-3ROW	-	0.17	0.36	0.60	1.24	2.07	3.08	4.26	5.60	7.09	10.54	14.56	-	-	-	-
16-4ROW	-	0.10	0.21	0.36	0.75	1.24	1.85	2.56	3.36	4.26	6.33	8.74	11.49	14.56	-	-
16-5ROW	-	-	0.14	0.24	0.50	0.84	1.25	1.72	2.29	2.87	4.26	5.89	7.74	9.80	12.08	14.56
18-1ROW	0.40	1.37	2.88	4.71	9.66	-	-	-	-	-	-	-	-	-	-	-
18-2ROW	0.11	0.40	0.82	1.37	2.82	4.71	6.99	9.66	12.69	-	-	-	-	-	-	-
18-3ROW	-	0.19	0.40	0.67	1.37	2.29	3.41	4.71	6.19	7.84	11.64	-	-	-	-	-
18-4ROW	-	0.11	0.24	0.40	0.82	1.37	2.04	2.82	3.71	4.71	6.99	9.66	12.69	-	-	-
18-5ROW	-	-	0.16	0.27	0.55	0.92	1.37	1.90	2.50	3.17	4.26	6.50	8.54	10.83	13.34	-
20-1ROW	0.43	1.46	3.00	5.00	10.27	-	-	-	-	-	-	-	-	-	-	-
20-2ROW	0.12	0.43	0.88	1.46	3.00	5.00	7.43	10.27	13.49	-	-	-	-	-	-	-
20-3ROW	-	0.20	0.43	0.71	1.46	2.44	3.62	5.00	6.57	8.33	12.37	-	-	-	-	-
20-4ROW	-	0.12	0.25	0.43	0.88	1.46	2.17	3.00	3.95	5.00	7.43	10.27	13.49	-	-	-
20-5ROW	-	-	0.17	0.28	0.56	0.98	1.46	2.02	2.66	3.37	5.00	6.91	9.08	11.51	14.18	-

- Chilled Water Coil (GPM-Pressure Drop)(Kpa) Only(FCB*0****) and (FCB***1****)**

Unit Size row	GPM													
	0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10	12	14	16
Pressure Drop [kpa]														
02-1ROW	2.27	9.32	-	-	-	-	-	-	-	-	-	-	-	-
02-2ROW	0.79	2.72	5.59	9.32	-	-	-	-	-	-	-	-	-	-
02-3ROW	0.40	1.33	2.72	4.54	9.32	-	-	-	-	-	-	-	-	-
02-4ROW	0.23	0.79	1.64	2.72	5.59	9.32	13.83	-	-	-	-	-	-	-
02-5ROW	0.15	0.53	1.10	1.83	3.77	6.27	9.32	12.87	-	-	-	-	-	-
03-1ROW	3.52	12.03	-	-	-	-	-	-	-	-	-	-	-	-
03-2ROW	1.03	3.52	7.22	12.03	-	-	-	-	-	-	-	-	-	-
03-3ROW	0.50	1.71	3.52	5.86	12.03	-	-	-	-	-	-	-	-	-
03-4ROW	0.30	1.03	2.11	3.52	7.22	12.03	-	-	-	-	-	-	-	-
03-5ROW	0.20	0.69	1.42	2.37	4.86	8.10	12.03	-	-	-	-	-	-	-
04-1ROW	3.92	13.39	-	-	-	-	-	-	-	-	-	-	-	-
04-2ROW	1.14	3.92	8.04	13.39	-	-	-	-	-	-	-	-	-	-
04-3ROW	0.55	1.90	3.92	6.52	13.39	-	-	-	-	-	-	-	-	-
04-4ROW	0.33	1.14	2.35	3.92	8.04	13.39	-	-	-	-	-	-	-	-
04-5ROW	0.22	0.77	1.58	2.63	5.41	9.01	13.39	-	-	-	-	-	-	-
06-1ROW	4.41	-	-	-	-	-	-	-	-	-	-	-	-	-
06-2ROW	1.29	4.41	9.06	-	-	-	-	-	-	-	-	-	-	-
06-3ROW	0.63	2.15	4.41	7.35	-	-	-	-	-	-	-	-	-	-
06-4ROW	0.37	1.29	2.65	4.41	9.06	-	-	-	-	-	-	-	-	-
06-5ROW	0.25	0.86	1.78	2.97	6.10	10.15	-	-	-	-	-	-	-	-
08-1ROW	5.53	-	-	-	-	-	-	-	-	-	-	-	-	-
08-2ROW	1.59	5.53	11.36	-	-	-	-	-	-	-	-	-	-	-
08-3ROW	0.79	2.69	5.53	9.22	-	-	-	-	-	-	-	-	-	-
08-4ROW	0.47	1.62	3.32	5.53	11.36	-	-	-	-	-	-	-	-	-
08-5ROW	0.31	1.09	2.24	3.73	7.65	12.73	-	-	-	-	-	-	-	-
10-1ROW	6.74	-	-	-	-	-	-	-	-	-	-	-	-	-
10-2ROW	1.97	6.74	13.84	-	-	-	-	-	-	-	-	-	-	-
10-3ROW	0.96	3.29	6.74	11.23	-	-	-	-	-	-	-	-	-	-
10-4ROW	0.57	1.97	4.05	6.74	13.84	-	-	-	-	-	-	-	-	-
10-5ROW	0.38	1.33	2.72	4.54	9.32	-	-	-	-	-	-	-	-	-
12-1ROW	8.07	-	-	-	-	-	-	-	-	-	-	-	-	-
12-2ROW	2.36	8.07	-	-	-	-	-	-	-	-	-	-	-	-
12-3ROW	1.15	3.93	8.07	13.44	-	-	-	-	-	-	-	-	-	-
12-4ROW	0.69	2.36	4.85	8.07	-	-	-	-	-	-	-	-	-	-
12-5ROW	0.46	1.59	3.26	5.43	11.15	-	-	-	-	-	-	-	-	-
14-1ROW	0.47	1.61	3.30	5.49	11.28	-	-	-	-	-	-	-	-	-
14-2ROW	0.13	0.47	0.96	1.61	3.30	5.49	8.16	11.28	14.82	-	-	-	-	-
14-3ROW	-	0.23	0.47	0.78	1.61	2.68	3.98	5.49	7.22	9.15	13.59	-	-	-
14-4ROW	-	0.13	0.28	0.47	0.96	1.61	2.39	3.30	4.33	5.49	8.16	11.28	14.82	-
14-5ROW	-	-	0.19	0.31	0.65	1.08	1.61	2.22	2.92	3.70	5.49	7.59	9.98	12.64
16-1ROW	0.51	1.76	3.61	6.02	12.35	-	-	-	-	-	-	-	-	-
16-2ROW	0.15	0.51	1.05	1.76	3.61	6.02	8.94	12.35	-	-	-	-	-	-
16-3ROW	-	0.25	0.51	0.86	1.76	2.93	4.36	6.02	7.91	10.03	14.89	-	-	-
16-4ROW	-	0.15	0.31	0.51	0.37	1.76	2.61	3.61	4.75	6.02	8.94	12.35	-	-
16-5ROW	-	-	0.20	0.34	0.71	1.18	1.76	2.43	3.20	4.05	6.02	8.32	10.93	13.85
18-1ROW	0.57	1.94	3.99	6.65	13.65	-	-	-	-	-	-	-	-	-
18-2ROW	0.16	0.57	1.17	1.94	3.99	6.65	9.88	13.65	-	-	-	-	-	-
18-3ROW	-	0.27	0.57	0.95	1.94	3.24	4.81	6.65	8.74	11.07	-	-	-	-
18-4ROW	-	0.16	0.34	0.57	1.17	1.94	2.89	3.99	5.25	6.65	9.88	13.65	-	-
18-5ROW	-	-	0.23	0.38	0.78	1.31	1.94	2.69	3.53	4.48	6.65	9.19	12.07	-
20-1ROW	0.60	2.07	4.24	7.07	14.50	-	-	-	-	-	-	-	-	-
20-2ROW	0.17	0.60	1.24	2.07	4.24	7.07	10.50	14.50	-	-	-	-	-	-
20-3ROW	-	0.29	0.60	1.01	2.07	3.44	5.12	7.07	9.29	11.77	-	-	-	-
20-4ROW	-	0.17	0.36	0.60	1.24	2.07	3.07	4.24	5.58	7.07	10.50	14.50	-	-
20-5ROW	-	-	0.24	0.40	0.83	1.39	2.07	2.86	3.76	4.76	7.07	9.77	12.84	-

- DX Coil ,Cooling capacity (KW)... Only (FCB*2****) and (FCB***3****)**

FAN-COILS UNIT SIZE	SAT. SUCTION TEMP (°C)	1ROW								2ROW							
		Entering Air (C) - db/wb															
		24.4/17.2		25.5/18.3		26.6/19.4		27.7/20.5		24.4/17.2		25.5/18.3		26.6/19.4		27.7/20.5	
		TH	SH	TH	SH	TH	SH	TH	SH	TH	SH	TH	SH	TH	SH	TH	SH
02	7	0.82	0.82	0.99	0.87	1.12	0.90	1.24	0.93	1.49	1.27	1.68	1.33	1.89	1.38	2.11	1.43
	8	0.77	0.77	0.91	0.84	1.03	0.87	1.15	0.90	1.35	1.22	1.54	1.27	1.75	1.33	1.96	1.38
	9	0.72	0.72	0.78	0.78	0.94	0.84	1.06	0.87	1.15	1.15	1.40	1.22	1.60	1.27	1.81	1.32
	10	0.68	0.68	0.73	0.73	0.78	0.78	0.97	0.84	1.08	1.08	1.25	1.16	1.45	1.22	1.66	1.27
03	7	1.22	1.22	1.48	1.30	1.66	1.34	1.85	1.38	1.67	1.44	2.50	1.98	2.81	2.06	3.13	2.14
	8	1.15	1.15	1.35	1.25	1.53	1.30	1.71	1.34	2.05	1.825	2.305	1.90	2.60	1.98	2.91	2.06
	9	1.08	1.08	1.15	1.15	1.39	1.25	1.58	1.29	1.71	1.711	1.862	1.74	2.38	1.90	2.70	1.98
	10	1.01	1.01	1.08	1.08	1.16	1.16	1.44	1.25	1.60	1.60	2.81	2.06	2.15	1.82	2.47	1.90
04	7	1.51	1.51	1.80	1.63	2.02	1.68	2.25	1.73	2.74	2.42	3.10	2.52	3.48	2.62	3.88	2.71
	8	1.42	1.42	1.52	1.52	1.86	1.63	2.08	1.68	2.47	2.32	2.83	2.42	3.21	2.51	3.60	2.61
	9	1.34	1.34	1.43	1.43	1.70	1.57	2.92	1.63	2.17	2.17	2.57	2.32	2.94	2.41	3.32	2.51
	10	1.25	1.25	1.35	1.35	1.44	1.44	1.76	1.57	2.03	2.03	2.18	2.18	2.67	2.32	3.05	2.41
06	7	1.98	1.98	2.10	2.10	2.56	2.27	2.86	2.33	3.56	3.33	4.03	3.46	4.53	3.58	5.04	3.70
	8	1.86	1.86	1.99	1.99	2.35	2.20	2.64	2.26	3.11	3.11	3.68	3.33	4.17	3.45	4.67	3.57
	9	1.75	1.75	1.88	1.88	2.00	2.00	2.43	2.19	2.92	2.92	3.13	3.17	3.81	3.32	4.31	3.44
	10	1.64	1.64	1.76	1.76	1.89	1.89	2.02	2.02	2.73	2.73	2.94	2.94	3.45	3.19	3.95	3.32
08	7	2.64	2.64	2.81	2.81	3.42	3.03	3.81	3.11	4.74	4.44	5.37	4.61	6.03	4.77	3.95	4.93
	8	2.48	2.48	2.65	2.65	3.14	2.93	3.52	3.02	4.15	4.15	4.90	4.44	5.55	4.60	6.72	4.76
	9	2.33	2.33	2.50	2.50	2.67	2.67	3.24	2.93	3.90	3.90	4.18	4.18	5.08	4.43	6.23	4.60
	10	2.18	2.18	2.35	2.35	2.52	2.52	2.69	2.69	3.64	3.64	3.92	3.92	4.60	4.26	5.75	4.42
10	7	3.33	3.33	3.54	3.54	4.32	3.81	4.81	3.92	5.98	5.58	6.78	5.80	7.61	6.00	8.48	6.20
	8	3.14	3.14	3.35	3.35	3.97	3.69	4.45	3.80	5.22	5.22	6.19	5.58	7.01	5.78	7.86	5.98
	9	2.95	2.95	3.16	3.16	3.37	3.37	4.09	3.68	4.91	4.91	5.26	5.26	6.41	5.57	7.25	5.77
	10	2.75	2.75	2.97	2.97	3.18	3.18	3.40	3.40	4.59	4.59	4.94	4.94	5.81	5.35	6.64	5.56
12	7	4.05	4.05	4.32	4.32	5.28	4.63	5.88	4.76	7.30	6.76	8.27	7.03	9.28	7.28	10.34	7.52
	8	3.82	3.82	4.08	4.08	4.85	4.48	5.44	4.61	6.35	6.35	7.55	6.76	8.55	7.01	9.59	7.25
	9	3.59	3.59	3.85	3.85	4.10	4.10	5.01	4.47	5.96	5.96	6.39	6.39	7.82	6.75	8.84	6.99
	10	3.36	3.36	3.62	3.62	3.87	3.87	4.13	4.13	5.57	5.57	6.00	6.00	7.09	6.49	8.10	6.74
14	7	3.89	3.89	4.14	4.14	4.39	4.39	5.99	5.32	6.70	6.70	8.58	8.58	9.63	8.10	10.72	8.35
	8	3.67	3.67	3.92	3.92	4.16	4.16	5.54	5.18	6.31	6.31	6.74	6.74	8.85	7.83	9.93	8.07
	9	3.44	3.44	3.69	3.69	3.94	3.94	4.19	4.19	5.93	5.93	6.36	6.36	8.08	7.55	9.14	7.80
	10	3.22	3.22	3.47	3.47	3.72	3.72	3.97	3.97	5.54	5.54	5.97	5.97	6.40	6.40	8.36	7.54
16	7	4.89	4.89	4.68	4.68	4.96	4.96	6.76	6.04	7.58	7.58	9.68	8.91	10.87	9.20	12.11	9.48
	8	4.14	4.14	4.42	4.42	4.70	4.70	4.98	4.98	7.14	7.14	7.63	7.63	9.99	8.88	11.21	9.16
	9	3.89	3.89	4.17	4.17	4.45	4.45	4.73	4.73	6.71	6.71	7.19	7.19	9.12	8.58	10.32	8.86
	10	3.64	3.64	3.92	3.92	4.20	4.20	4.48	4.48	6.27	6.27	6.76	6.76	7.24	7.24	9.44	8.56
18	7	4.96	4.96	5.28	5.28	5.59	5.59	7.63	6.81	8.55	8.55	10.93	10.04	12.27	10.37	13.67	10.68
	8	4.68	4.68	4.99	4.99	5.31	5.31	7.05	6.62	8.06	8.06	8.60	8.60	11.28	10.01	12.65	10.33
	9	4.39	4.39	4.71	4.71	5.02	5.02	5.34	5.34	7.57	7.57	8.11	8.11	10.30	9.66	11.65	9.98
	10	4.11	4.11	4.42	4.42	4.74	4.74	5.06	5.06	7.08	7.08	7.62	7.62	8.17	8.17	10.65	9.65
20	7	5.40	5.40	5.75	5.75	6.09	6.09	8.29	7.46	9.34	9.34	11.90	11.03	13.36	11.38	14.88	11.72
	8	5.09	5.09	5.44	5.44	5.78	5.78	6.12	6.12	8.80	8.80	9.40	9.40	12.28	11.00	13.78	11.34
	9	4.78	4.78	5.13	5.13	5.47	5.47	5.81	5.81	8.27	8.27	8.86	8.86	9.46	9.46	12.68	10.97
	10	4.47	4.47	4.82	4.82	5.16	5.16	5.50	5.50	7.73	7.73	8.33	8.33	8.92	8.92	11.59	10.60

Continued ...

- DX Coil ,Cooling capacity (KW)... Only (FCB*2****) and (FCB***3****)**

FAN-COILS UNIT SIZE	SAT. SUCT TEMP (°C)	3ROW								4ROW							
		Entering Air (°C) - db/wb															
		24.4/17.2		25.5/18.3		26.6/19.4		27.7/20.5		24.4/17.2		25.5/18.3		26.6/19.4		27.7/20.5	
		TH	SH	TH	SH	TH	SH	TH	SH	TH	SH	TH	SH	TH	SH	TH	SH
02	7	1.91	1.52	2.16	1.60	2.43	1.67	2.70	1.75	2.20	1.69	2.49	1.77	2.80	1.86	3.12	1.95
	8	1.73	1.45	1.98	1.53	2.25	1.60	2.52	1.68	2.00	1.59	2.29	1.69	2.60	1.77	2.91	1.86
	9	1.55	1.38	1.80	1.46	2.06	1.53	2.34	1.61	1.80	1.52	2.09	1.61	2.40	1.69	2.70	1.78
	10	1.31	1.31	1.38	1.38	1.88	1.46	2.15	1.53	1.59	1.43	1.88	1.52	2.18	1.61	2.49	1.69
03	7	2.84	2.28	3.22	2.39	3.62	2.50	4.03	2.61	3.28	2.53	3.72	2.65	4.17	2.78	4.65	2.91
	8	2.58	2.17	2.96	2.28	3.35	2.39	3.75	2.50	2.99	2.39	3.42	2.52	3.87	2.65	4.34	2.78
	9	2.31	2.06	2.69	2.18	3.07	2.29	3.48	2.39	2.68	2.26	3.11	2.39	3.56	2.53	4.03	2.65
	10	1.96	1.96	2.42	2.07	2.80	2.18	3.20	2.29	2.38	2.14	2.80	2.27	3.25	2.40	3.71	2.53
04	7	3.56	2.92	4.04	3.06	4.53	3.49	5.05	3.33	4.16	3.25	4.71	3.41	5.29	3.58	5.89	3.74
	8	3.23	2.79	3.70	2.93	4.19	3.06	4.70	3.19	3.78	3.09	4.33	3.25	4.90	3.42	5.53	3.58
	9	2.90	2.66	3.36	2.79	3.84	2.93	4.35	3.06	3.39	2.93	3.94	3.10	4.50	3.26	5.10	3.43
	10	2.51	2.51	3.02	2.66	3.49	2.80	3.99	2.93	3.00	2.77	3.54	2.94	4.10	3.10	4.69	3.27
06	7	4.74	4.08	5.37	4.26	6.02	4.44	6.71	4.60	5.64	4.59	6.39	4.81	7.17	5.02	7.99	5.23
	8	4.29	3.90	4.91	4.08	5.56	4.26	6.24	4.42	5.11	4.37	5.85	4.59	6.63	4.81	7.44	5.02
	9	3.70	3.70	4.45	3.91	5.09	4.08	5.76	4.25	4.58	4.16	5.32	4.38	6.08	4.59	6.88	4.80
	10	3.47	3.47	3.99	3.73	4.62	3.91	5.29	4.08	3.95	3.95	4.78	4.17	5.53	4.38	6.32	4.59
08	7	6.32	5.44	7.15	5.68	8.03	5.91	8.95	6.14	7.52	6.12	8.52	6.41	9.56	6.70	10.65	6.98
	8	5.72	5.21	6.55	5.44	7.41	5.68	8.31	5.90	6.82	5.83	7.80	6.12	8.84	6.41	9.91	6.69
	9	4.94	4.94	5.93	5.21	6.79	5.44	7.68	5.66	6.11	5.54	7.09	5.84	8.11	6.13	9.17	6.40
	10	4.62	4.62	5.32	4.98	6.16	5.21	7.04	5.43	5.27	5.27	6.37	5.56	7.38	5.84	8.43	6.12
10	7	7.96	6.84	9.02	7.14	10.12	7.43	11.27	7.71	9.46	7.68	10.72	8.05	12.03	8.41	13.40	8.76
	8	7.20	6.54	8.25	6.84	9.34	7.13	10.48	7.41	8.58	7.31	9.82	7.68	11.12	8.05	12.48	8.40
	9	6.21	6.21	7.48	6.54	8.56	6.83	9.68	7.12	7.69	6.96	8.92	7.33	10.21	7.69	11.55	8.04
	10	5.81	5.81	6.71	6.25	7.77	6.54	8.88	6.83	6.62	6.62	8.02	6.97	9.29	7.34	10.61	7.69
12	7	9.97	8.27	10.97	8.64	12.31	8.99	13.71	9.34	11.49	9.27	13.01	9.73	14.61	10.17	16.27	10.60
	8	8.75	7.90	10.04	8.27	11.36	8.63	12.75	8.97	10.42	8.84	11.93	9.29	13.51	9.73	15.15	10.16
	9	9.10	7.91	9.10	7.91	10.41	8.27	11.78	8.62	9.35	8.40	10.84	8.85	12.40	9.29	14.03	9.73
	10	8.16	7.56	8.16	7.56	9.46	7.91	10.81	8.26	8.00	8.00	9.74	8.42	11.28	8.86	12.89	9.29
14	7	10.20	9.25	11.56	9.63	12.97	9.99	14.45	10.35	12.27	10.38	13.90	10.85	15.61	11.31	17.38	11.76
	8	8.22	8.22	10.56	9.24	11.95	9.61	13.41	9.96	11.11	9.91	12.72	10.38	14.40	10.84	16.16	11.29
	9	7.72	7.72	9.56	8.86	10.93	9.23	12.37	9.59	9.01	9.01	11.54	9.92	13.20	10.38	14.93	10.82
	10	7.22	7.22	7.77	7.77	9.91	8.86	11.33	9.21	8.42	8.42	10.35	9.46	11.99	9.92	13.70	10.37
16	7	11.54	10.51	13.07	10.94	14.67	11.35	16.34	11.75	13.90	11.80	15.75	12.34	17.67	12.86	19.69	13.36
	8	9.32	9.32	11.94	10.50	13.51	10.92	15.16	11.32	12.58	11.27	14.41	11.80	16.31	12.32	18.30	12.83
	9	8.75	8.75	10.81	10.07	12.36	10.49	13.98	10.89	10.22	10.22	13.06	11.28	14.94	11.80	16.91	12.30
	10	8.18	8.18	8.81	8.81	11.21	10.07	12.81	10.49	9.56	9.56	11.72	10.76	13.57	11.28	15.51	11.79
18	7	13.02	11.84	14.74	12.33	16.55	12.79	18.43	13.24	15.68	13.30	17.76	13.90	19.93	14.49	22.20	15.06
	8	10.50	10.50	13.47	11.83	15.25	12.30	17.10	12.75	14.19	12.70	16.25	13.30	18.40	13.88	20.64	14.46
	9	9.86	9.86	12.19	11.35	13.95	11.82	15.78	12.75	11.52	11.52	14.74	12.71	16.85	13.29	19.07	13.86
	10	9.23	9.23	9.94	9.94	12.65	11.34	14.45	11.80	10.78	10.78	13.22	12.12	15.31	12.71	17.50	13.28
20	7	14.20	13.03	16.09	13.56	18.06	14.06	20.12	14.55	17.15	14.65	19.42	15.30	21.80	15.94	24.28	16.57
	8	11.51	11.51	14.69	13.02	16.64	13.53	18.66	14.02	15.52	13.99	17.77	14.66	20.12	15.29	22.57	15.91
	9	10.81	10.81	13.30	12.49	15.21	13.00	17.21	13.49	12.65	12.65	16.11	14.00	18.43	14.64	20.85	15.26
	10	10.11	10.11	10.88	10.88	13.79	12.48	15.76	12.98	11.83	11.83	14.45	13.36	16.74	14.00	19.13	14.62

Continued ...

- DX Coil ,Cooling capacity (KW)... Only (FCB*2****) and (FCB***3****)**

FAN-COILS UNIT SIZE	SAT. SUCT TEMP (°C)	5ROW									
		Entering Air (°C) - db/wb									
		24.4/17.2		25.5/18.3		26.6/19.4		27.7/20.5			
		TH	SH	TH	SH	TH	SH	TH	SH		
02	7	2.40	1.79	2.72	1.89	3.05	1.99	3.40	2.09		
	8	2.19	1.70	2.50	1.79	2.84	1.89	3.18	1.99		
	9	1.97	1.59	2.28	1.70	2.61	1.79	2.96	1.89		
	10	1.75	1.50	2.06	1.60	2.39	1.70	2.73	1.80		
03	7	3.58	2.68	4.06	2.83	4.56	2.98	5.08	3.12		
	8	3.26	2.54	3.74	2.67	4.23	2.82	4.75	2.97		
	9	2.94	2.39	3.41	2.54	3.90	2.68	4.41	2.83		
	10	2.61	2.25	3.08	2.40	3.56	2.55	4.07	2.69		
04	7	4.59	3.48	5.20	3.68	5.84	3.86	6.50	4.03		
	8	4.18	3.29	4.78	3.48	5.42	3.66	6.08	3.85		
	9	3.76	3.11	4.36	3.30	4.99	3.49	5.64	3.65		
	10	3.36	2.94	3.93	3.13	4.55	3.31	5.20	3.50		
06	7	6.33	4.94	7.17	5.19	8.05	5.44	8.96	5.69		
	8	5.75	4.69	6.58	4.95	7.45	5.20	8.36	5.44		
	9	5.16	4.45	5.99	4.71	6.85	4.96	7.75	5.20		
	10	4.57	4.22	5.38	4.47	6.24	4.72	7.13	4.69		
08	7	8.44	6.58	9.56	6.92	10.73	7.26	11.95	7.59		
	8	7.66	6.29	8.77	6.60	9.23	6.93	11.14	7.26		
	9	6.88	5.94	7.98	6.28	8.13	6.61	10.33	6.94		
	10	6.09	5.62	7.18	5.56	8.32	6.30	9.50	6.62		
10	7	10.61	8.26	12.02	8.69	13.49	9.11	15.02	9.53		
	8	9.64	7.85	11.42	8.28	12.49	8.70	14.01	9.11		
	9	8.65	7.45	10.04	7.88	11.48	8.29	12.99	8.71		
	10	7.66	5.79	9.03	7.47	10.46	7.89	11.96	8.30		
12	7	12.86	10.03	14.56	10.49	16.35	11.00	18.21	11.51		
	8	11.68	9.48	13.33	10.00	15.14	10.51	16.99	11.01		
	9	10.49	8.99	12.17	9.51	13.92	10.02	15.75	10.52		
	10	9.29	8.50	10.95	9.02	12.69	9.53	14.50	10.03		
14	7	13.91	11.19	15.76	11.74	17.68	12.28	19.70	12.81		
	8	12.61	10.65	14.44	11.20	16.35	11.74	18.34	12.27		
	9	11.31	10.12	13.12	10.67	15.00	11.21	16.98	11.74		
	10	9.29	9.29	11.78	10.15	13.65	10.68	15.60	11.21		
16	7	15.77	12.73	17.86	13.35	20.05	13.97	22.33	14.57		
	8	14.30	12.12	16.37	12.74	18.53	13.35	20.79	13.95		
	9	12.82	11.52	14.87	12.14	17.01	12.75	19.24	13.35		
	10	10.56	10.56	13.36	11.55	15.47	12.16	17.68	12.75		
18	7	17.78	14.34	20.19	15.04	22.60	15.73	25.18	16.44		
	8	16.12	13.65	18.46	14.35	20.90	15.04	23.44	15.72		
	9	14.45	12.98	16.76	13.68	19.18	14.36	21.69	15.04		
	10	11.90	11.90	15.06	13.01	17.44	13.69	19.94	14.36		
20	7	19.49	15.81	22.07	16.58	24.77	17.33	27.60	18.07		
	8	17.66	15.06	20.22	15.83	22.90	16.58	25.69	17.31		
	9	15.83	14.32	18.36	15.08	21.01	15.83	23.77	16.57		
	10	13.09	13.09	16.49	14.35	19.11	15.10	21.83	15.83		