

MEHRASL

MANUFACTURING CORPORATION

FAN COILS

FC Series (Air flow rate capacities : 200-2000 cfm)



FCW**S**



توجه: این مجلد برای اطلاعات عمومی کاربرد می‌باشد و استفاده غیر مجاز و نقل کلیه مطالب این مجلد بدون اخذ مجوز کتبی از شرکت مهر اصل غیر قانونی است. مشخصات فنی بدون اطلاع قبلی قابل تغییر هستند و در موارد قراردادی می‌بایستی برای هر موردی تاییده کتبی از مهر اصل اخذ شود.

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MEHR ASL Offers you a simple selection method for fan-coil Performance, dimension, physical, and additional data, cooling and heating capacity data and ... let you get a carefully choice through various models in three different coils (Hot/Chilled Water-DX coil).

Study the catalogue completely, and do not hesitate to contact us directly on any problem or for more information. In the case of not being successful on selection and finding your required fan coil model that meets your will or own special working and operating conditions perfectly, you would be introduced to our special order service. Contact our head office and attach the complete initial designs technical data, put up your request for discussion with us. Be sure to have the best industrial solution in hand immediately.

We will manufacture your requested system based on advanced technology design and calculation. Then you will really know that you have selected the product with

The Best quality money can buy

and the best advisor from

Where the quality is a tradition

مهر اصل در این مجلد روش ساده و آسانی جهت انتخاب فن کوئل و استخراج ابعاد و اندازه‌های آن و اطلاعات مورد نیاز دیگر را ارائه داده است. لطفاً این مجلد را به صورت کامل و با دقت مطالعه نموده و در صورت نیاز به اطلاعات بیشتر با **مهر اصل** تماس حاصل فرمائید. در موارد سفارشات ویژه که اطلاعات ارائه شده نیازکاربر را تامین نمی نماید و یا اصولاً درخواست مشتری برخلاف محصولات ارائه شده در کاتالوگ باشد، با تماس و ارسال مدارک فنی پروژه خود به **مهر اصل** مطمئن باشید که در اسرع وقت پاسخ لازم و همچنین راه حل مناسب را در یافت خواهید نمود و اطمینان داشته باشید که محصولات انتخاب شده توسط شما بهترین در نوع خود می باشد.

FEATURES/BENEFITS

- VERSATILITY

MEHRASL's extensive fan-coil terminals are the answer to your job requirements and any fan-coil requisite. With MEHRASL's FC series fan-coils, you can select horizontal, vertical models, with or without cabinet style with air flow capacities of 200 through 2000 cfm. Coils are available in 1, 2, 3, 4, 5 rows (for most models), to satisfy a variety of application requirements. Units are ideal for installation in hotels, apartments, and other multi-room buildings. Numerous optional control packages are available, such as 2-pipe heating and cooling. Also offers manual and automatic changeover controls and numerous thermostat options. Optional decorative colors allow unit to blend with any interior design.

- تنوع :

فن کویل های مهر اصل تنها پاسخ مناسب جهت نیاز پروژه شما به فن کویل می باشد. محصولات مهر اصل در انواع مدل های سقفی، دیواری، سقفی و دیواری، کانالی و ... و با هوادهی مشخص 200-2000 cfm (بیشتر از آن در صورت سفارش) و کویل های ۱، ۲، ۳، ۴، ۵ ردیفه قابل انتخاب می باشند در این راستا می توانید تجهیزات اضافی شامل ترموستات، شیرهای تعویض کننده، کنترل کننده های از راه دور، فیلترهای مخصوص و ... را بطور مجزا سفارش دهید.

- GENERAL SPECIFICATION :

Our units are specially designed to occupy a minimum space. No expensive duct work or complex system controls are required for MEHRASL fan-coil units. Piping, drain and wiring connections are readily accessible and mounting holes and slots are pre-punched to save installation time and field labor expenses. MEHRASL room fan-coil units operate at exceptionally low sound levels. All element's of fan-coils are prepared with best metal sheet's with electrostatic powder coating and various colors for different taste. MEHRASL fan-coil units save you service and maintenance expenses.

Drain pans are galvanized steel and insulated with closed-cell foam insulation. Fan-coils are designed in such a way that they can change the situation (they can change into left and right for most models). Fan-coils filter is made of the best washable material. The fan is plastic or Aluminum (by request) and is fixed directly on the electromotor shaft. The fans are statically and dynamically balanced. Wheel diameter is 7" and wheel width 7" or 9".

- مشخصات عمومی :

طراحی ویژه محصولات مهر اصل بر اساس اشغال حداقل فضای مورد نیاز برای کلیه مدل ها پایه گذاری شده است. دستگاه های تولید شده مهر اصل نیاز به هیچگونه عملیات نصب پیچیده و یا عملیات کانال کشی اضافی ندارند. فن کویل های ساخت مهر اصل از بهترین و مرغوب ترین مواد اولیه ساخته شده اند که می توان به نمونه های زیر اشاره کرد :

- سینی جمع آوری آب تقطیر از جنس فولاد گالوانیزه گرم با عایق کائوچویی
- بدنه در انواع قابل رویت با رنگ های الکترو استاتیک پودری کوره ای (فام 7032) پوشش داده شده است و در انواع دیگر از ورق گالوانیزه گرم استفاده شده است. (بنا به سفارش فام های دیگر نیز قابل تحویل هستند)
- الکترو موتور مورد استفاده از انواع بسیار مرغوب اروپائی، کم مصرف و کم صدا انتخاب شده است
- دمنده های فن کویل در سایز های مختلف و از انواع پلاستیکی با هاب آلومینیومی و یا دمنده آلومینیومی (در صورت سفارش) انتخاب شده است ، ...

توجه: برای سهولت استفاده کاربران واحدهای انگلیسی و SI با هم در این مجلد استفاده شده است

NOTE : For user's easy use of the tables the general and common units has been used for calculation.

The SI and British units have not been purely used.

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, referring to cooling capacity table with 400 cfm, the best qualification, in the catalogue with regard to pressure drop limits and cooling capacity, best selection is 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, referring to cooling capacity table (DX COIL) with 300 cfm, the best qualification, in the catalogue with regard to degree temperature limits and cooling capacity, best selection, is 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**

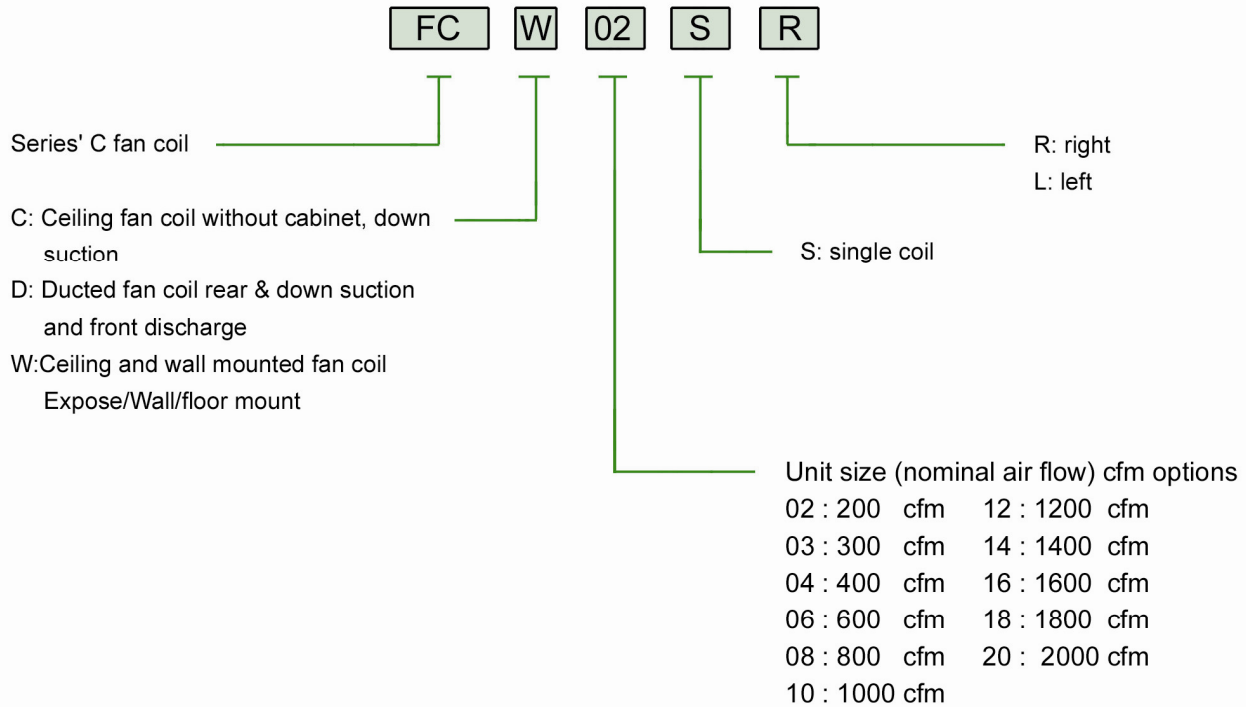
ALTITUDE [ft]	ALTITUDE FACTOR(y)
1000	0.9310
2000	0.9055
3000	0.8800
4000	0.8550
5000	0.8310
6000	0.8075

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

ORDER - MODEL GUIDE

MODEL KEYWORD :



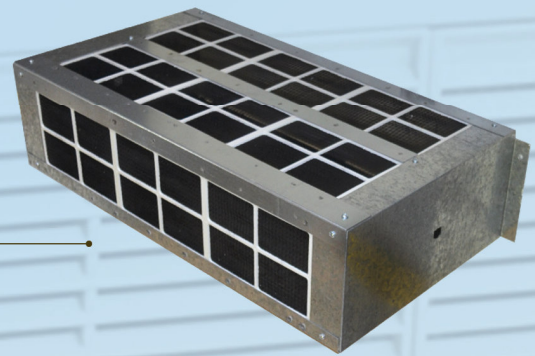
* Note: All fan coils offered without fresh air damper, for fresh air damper please ask our sales dep.

* 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.

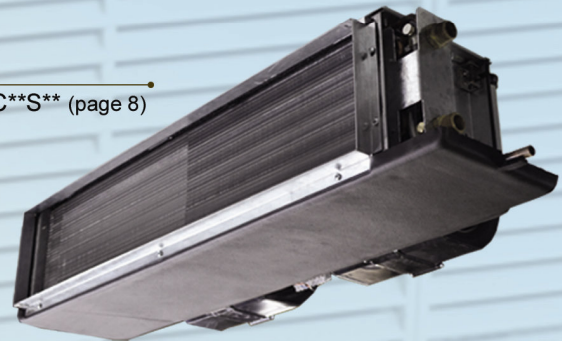
THE PICTURES SHOW DIFFERENT FAN COILS TYPES



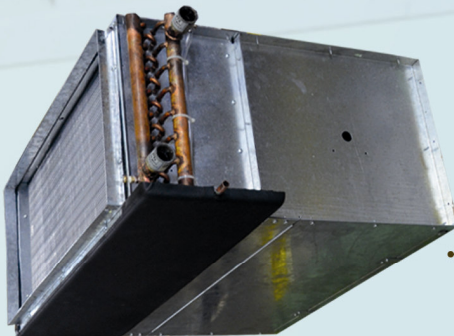
FCW***** (page 7)



Plenum(Page8)



FCC**S** (page 8)



FCD**S** (page 9)

- SIZE AND SPECIFICATIONS OF FAN COILS (Series C)

FAN COILS UNIT SIZE	COIL Data			FAN Data	ELECT-MOTOR		Nominal Air flow [m3 / Hr]
	FACE area [m2]	Size Connection FCW type [inch] NPS	Size Connection other types [inch] NPS	Quantity * Wheel [mm]	No. Motor & Nominal Power [hp]	Approximate [rpm] High Speed	
FC**02****	0.086	1/2	3/4	1 * 177.8	1 * 1/30	1 * 1250	339.84
FC**03****	0.129	1/2	3/4	2 * 177.8	1 * 1/25	1 * 1280	509.76
FC**04****	0.149	1/2	3/4	2 * 177.8	1 * 1/25	1 * 1280	679.68
FC**06****	0.169	1/2	3/4	2 * 228.6	1 * 1/20	1 * 1280	1019.52
FC**08****	0.229	1/2	3/4	1*177.8+2*228.6	1*1/20+1*1/30	1*1280+1*1250	1359.36
FC**10****	0.289	1/2	3/4	2*177.8+2*228.6	1*1/20+1*1/25	2 * 1280	1699.2
FC**12****	0.359	1/2	3/4	2 * 228.6	2 * 1/20	2 * 1280	2039.04

- 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	
FCD**10***	0.244	1	1 * 360	1 * 1300	1699.2
FCD**12***	0.296	1	1 * 380	1 * 1250	2030.04
FCD**14***	0.344	1 1/2	1 * 490	1 * 1100	2378.88
FCD**16***	0.396	1 1/2	1 * 650	1 * 1150	2718.72
FCD**18***	0.448	1 1/2	2 * 360	2 * 1300	3398.40
FCD**20***	0.488	1 1/2	2 * 360	2 * 1300	3398.40

- SPECIFICATIONS OF FAN COILS (Series C & Ducted fan coil) *

	FCC****	FCD****	FCF****	FCH****	FCS****	FCW****
FRESH AIR	—	—	✓	—	—	—
MULTIPLE COIL	✓	—	✓	✓	—	—
DX COIL	✓	✓	✓	✓	✓	✓

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

- DIMENSIONS AND PHYSICAL DATA OF FCWS****



Fan Coil Type : **Ceiling & wall mounted fan coil**
 Suction Side : **Front**
 Discharge Side : **Change-over front or top**
 Filter Position : **Front**

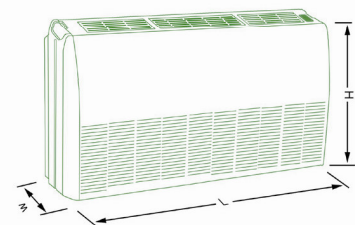


- Color is special



- Special Order with Touch Controller And Wireless Digital Thermostate

Capacity[cfm]		200	300	400	600	800	1000
Dimension	L [mm]	790	790	1030	1260	1500	1730
	W [mm]	235	235	235	235	235	235
	H [mm]	645	645	645	645	645	645
Coil Length [mm]		530	530	765	1000	1235	1470
Sound noise Level db(A)		33	33	34	35	37	39

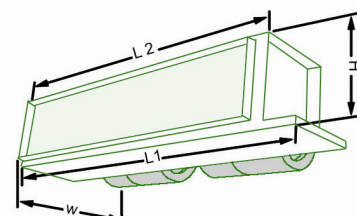


Note : In Order to Further Enhance Occupant Comfort This Product Rang Offers Especially Low Noise

- DIMENSIONS AND PHYSICAL DATA OF FCC**S** (SINGLE COIL)

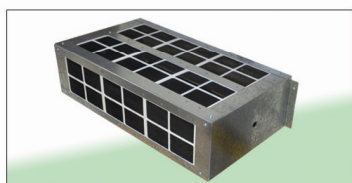


Fan Coil Type : **Ceiling fan coil**
(without cabinet/with plenum)
 Suction Side : **Rear and down**
 Discharge Side : **Front**
 Filter Position : **Rear and down**

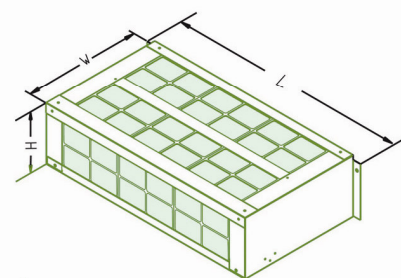


Capacity		200	300	400	600	800	1000	1200
Dimention	L1 [mm]	592	775	870	1000	1290	1600	1940
	H [mm]	215	215	215	215	215	215	215
	W [mm]	420	420	420	420	420	420	420
	L 2 [mm]	512	695	790	920	1210	1520	1860
Sound noise Level db(A)		34~40.5	35~41	35.5~41	36~41.5	36.5~41.5	38~45	39~46

Note : In Order to Further Enhance Occupant Comfort This Product Rang Offers Especially Low Noise

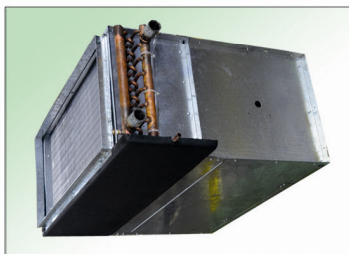


Plenum Type : **Ceiling Plenum**
 Suction Side : **Rear and down**
 Filter Position : **Rear and down**



Capacity[cfm]		200	300	400	600	800	1000	1200
Dimensions	L [mm]	450	633	728	858	1148	1458	1798
	H [mm]	214	214	214	214	214	214	214
	W [mm]	437	437	437	437	437	437	437

- DIMENSIONS AND PHYSICAL DATA OF FCD**S** (SINGLE COIL)

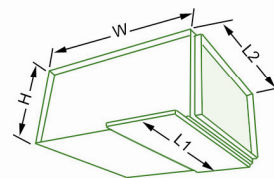


Fan Coil Type : **Ducted fan coil**
(without cabinet)

Suction Side : **Rear & Down**

Discharge Side : **Front**

Filter Position : **Rear & Down**

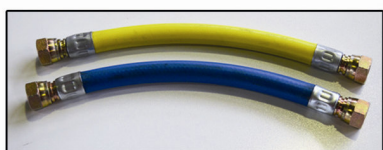


Capacity[cfm]	1000	1200	1400	1600	1800	2000
Dimensions						
L1 [mm]	810	945	990	1120	1240	1360
H [mm]	440	440	440	440	440	440
W [mm]	740	740	740	740	740	740
L2 [mm]	727	865	910	1040	1160	1280

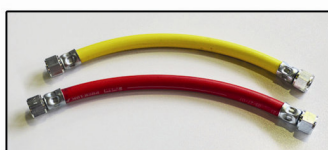
for down suction type ducted fancoil the unit (H) will increace 30mm

for rear suction type ducted fancoil the unit (W) will increace 30mm

- FAN COILS (SUPPLEMENT)



◆ FS1 (40*3/4)



◆ FS2 (40*1/2)



◆ FS3 (150*1/2)



◆ FSS



◆ FSTA



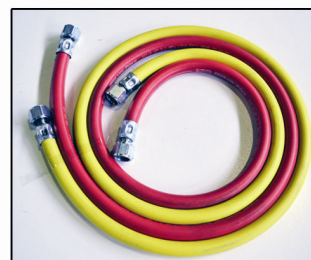
◆ FSTE



◆ FSTB



◆ FSTD



◆ FS4 (180*1/2)

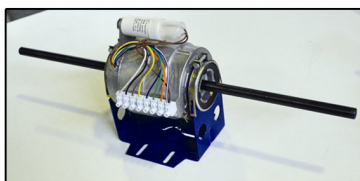
- FAN COILS (SPAIR PART)



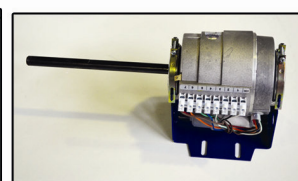
◆ FCSP1 (244mm)



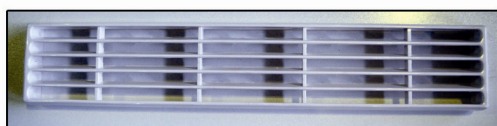
◆ FCSP2 (195mm)



◆ FCSP3



◆ FCSP4



◆ FCSP5 (70mm*400mm)



◆ FCSP6 (70mm*280mm)

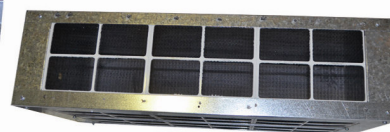
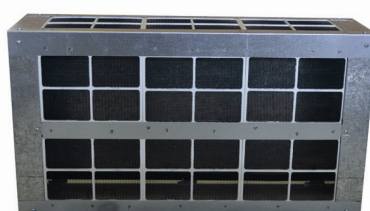


◆ FCSP7 (225mm*245mm)



◆ FCSP8 (235mm*285mm)

- FAN COILS (Accessories)



◆ FA1 (Plenum of ceiling fan coil)

- Hot Water Heating Capacity (kw)... Only(FC***0****) and (FC***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
FC**02*1	2.97	3.44	3.40	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**02*2	4.11	4.92	5.25	5.42	5.61	-	-	-	-	-	-	-	-	-	-	-
FC**02*3	4.81	5.79	6.15	6.33	6.50	6.60	-	-	-	-	-	-	-	-	-	-
FC**02*4	5.19	6.27	6.63	6.80	6.97	7.04	7.09	7.12	-	-	-	-	-	-	-	-
FC**02*5	5.46	6.59	6.93	7.08	7.22	7.28	7.32	7.34	7.36	-	-	-	-	-	-	-
FC**03*1	4.02	4.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**03*2	5.40	6.89	7.51	7.85	-	-	-	-	-	-	-	-	-	-	-	-
FC**03*3	6.25	8.14	8.06	9.22	9.58	9.76	-	-	-	-	-	-	-	-	-	-
FC**03*4	6.67	8.83	9.59	9.96	10.30	10.46	10.55	-	-	-	-	-	-	-	-	-
FC**03*5	6.69	9.30	10.07	10.41	10.71	10.84	10.92	10.96	-	-	-	-	-	-	-	-
FC**04*1	4.96	5.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**04*2	6.17	8.13	9.26	9.79	-	-	-	-	-	-	-	-	-	-	-	-
FC**04*3	7.02	9.83	11.00	11.62	12.23	-	-	-	-	-	-	-	-	-	-	-
FC**04*4	7.41	10.67	11.99	12.64	13.27	13.56	13.73	-	-	-	-	-	-	-	-	-
FC**04*5	7.66	11.26	12.66	13.31	13.90	14.16	14.31	14.40	-	-	-	-	-	-	-	-
FC**06*1	5.60	7.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**06*2	7.06	10.33	11.95	12.80	-	-	-	-	-	-	-	-	-	-	-	-
FC**06*3	7.78	12.11	14.27	15.47	16.76	-	-	-	-	-	-	-	-	-	-	-
FC**06*4	8.05	13.06	15.60	17.00	18.41	19.10	-	-	-	-	-	-	-	-	-	-
FC**06*5	8.21	13.71	16.54	18.06	19.52	20.19	20.57	20.81	-	-	-	-	-	-	-	-
FC**08*1	6.48	9.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**08*2	7.75	12.24	14.68	16.17	-	-	-	-	-	-	-	-	-	-	-	-
FC**08*3	8.25	14.06	17.38	19.35	21.48	-	-	-	-	-	-	-	-	-	-	-
FC**08*4	8.39	14.91	18.85	21.17	23.61	24.81	-	-	-	-	-	-	-	-	-	-
FC**08*5	8.46	15.45	19.86	22.45	25.07	26.29	26.97	-	-	-	-	-	-	-	-	-
FC**10*1	7.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**10*2	8.13	13.67	16.98	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**10*3	8.44	15.34	19.83	22.66	-	-	-	-	-	-	-	-	-	-	-	-
FC**10*4	8.50	16.00	21.25	24.64	28.36	-	-	-	-	-	-	-	-	-	-	-
FC**10*5	8.53	16.37	22.19	26.01	30.11	32.06	-	-	-	-	-	-	-	-	-	-
FC**12*1	7.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**12*2	8.34	14.73	18.88	-	-	-	-	-	-	-	-	-	-	-	-	-
FC**12*3	8.51	16.13	21.69	25.46	-	-	-	-	-	-	-	-	-	-	-	-
FC**12*4	8.54	16.58	22.95	27.43	32.64	-	-	-	-	-	-	-	-	-	-	-
FC**12*5	8.55	16.80	23.70	28.75	34.60	37.49	-	-	-	-	-	-	-	-	-	-
FC**14*1	7.24	11.41	13.93	15.62	17.73	18.99	-	-	-	-	-	-	-	-	-	-
FC**14*2	8.06	14.09	18.30	21.29	25.19	27.58	29.19	30.35	31.22	31.90	-	-	-	-	-	-
FC**14*3	-	15.39	20.73	24.67	29.84	32.98	35.05	36.51	37.58	38.41	39.58	40.39	-	-	-	-
FC**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	-	-
FC**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
FC**16*1	7.52	12.17	15.09	17.06	19.57	21.09	-	-	-	-	-	-	-	-	-	-
FC**16*2	8.22	12.74	19.48	22.95	27.56	30.44	32.40	33.82	34.89	35.72	-	-	-	-	-	-
FC**16*3	-	15.88	21.82	26.35	32.51	36.34	38.89	40.70	42.04	43.06	44.54	45.54	-	-	-	-
FC**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	-	-
FC**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
FC**18*1	7.76	12.90	16.21	18.50	21.45	-	-	-	-	-	-	-	-	-	-	-
FC**18*2	8.33	12.29	20.56	24.51	29.89	33.32	35.66	37.36	38.65	-	-	-	-	-	-	-
FC**18*3	-	16.27	22.75	27.89	35.08	39.66	42.74	44.93	46.56	47.81	49.61	-	-	-	-	-
FC**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	-	-	-
FC**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	-
FC**20*1	7.92	13.40	17.05	19.61	22.94	-	-	-	-	-	-	-	-	-	-	-
FC**20*2	8.39	15.64	21.31	25.66	31.71	35.62	38.33	40.31	41.82	-	-	-	-	-	-	-
FC**20*3	-	16.49	23.35	28.94	37.02	42.29	45.89	48.48	50.41	51.91	54.06	-	-	-	-	-
FC**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	-	-	-
FC**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(FC***0****) and (FC***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
FC**02*1	S	0.92	1.07	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.20	1.66												
FC**02*2	S	1.25	1.46	1.61	1.73	-	-	-	-	-	-	-	-	-	-
	T	1.57	2.20	2.61	2.93										
FC**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								
FC**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							
FC**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						
FC**03**1	S	1.32	1.51	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.61	2.20												
FC**03**2	S	1.79	2.09	2.29	2.44	-	-	-	-	-	-	-	-	-	-
	T	2.04	2.97	3.57	3.98										
FC**03**3	S	1.98	2.34	2.62	2.79	3.07	-	-	-	-	-	-	-	-	-
	T	2.27	3.39	4.12	4.62	5.31									
FC**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								
FC**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							
FC**04**1	S	1.60	1.85	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.84	2.56												
FC**04**2	S	2.15	2.56	2.79	2.98	-	-	-	-	-	-	-	-	-	-
	T	2.15	3.38	4.12	4.67										
FC**04**3	S	2.45	2.96	3.19	3.45	3.78	-	-	-	-	-	-	-	-	-
	T	2.45	3.85	4.76	5.45	6.36									
FC**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								
FC**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							
FC**06**1	S	1.97	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	1.97													
FC**06**2	S	2.49	3.39	3.67	-	-	-	-	-	-	-	-	-	-	-
	T	2.49	3.98	4.94											
FC**06**3	S	2.77	3.86	4.24	4.56	5.04	-	-	-	-	-	-	-	-	-
	T	2.77	4.39	5.68	6.60	7.92									
FC**06**4	S	2.89	4.13	4.56	4.90	5.47	-	-	-	-	-	-	-	-	-
	T	2.89	4.83	6.15	7.18	8.72									
FC**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								
FC**08**1	S	2.32	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2.32													
FC**08**2	S	2.81	4.34	4.71	-	-	-	-	-	-	-	-	-	-	-
	T	2.81	4.69	5.90											
FC**08**3	S	3.03	5.01	5.36	5.79	6.36	-	-	-	-	-	-	-	-	-
	T	3.03	5.01	6.70	7.87	9.66									
FC**08**4	S	3.12	5.20	5.74	6.16	6.88	-	-	-	-	-	-	-	-	-
	T	3.12	5.49	7.18	8.51	10.55									
FC**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								
FC**10**1	S	2.59	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2.59													
FC**10**2	S	3.01	4.95	5.68	-	-	-	-	-	-	-	-	-	-	-
	T	3.01	4.95	6.73											
FC**10**3	S	3.17	5.57	6.45	6.90	-	-	-	-	-	-	-	-	-	-
	T	3.17	5.57	7.53	8.97										
FC**10**4	S	3.22	5.86	6.85	7.42	8.23	-	-	-	-	-	-	-	-	-
	T	3.22	5.86	8.01	9.61	12.13									
FC**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(FC***0****) and (FC***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
FC**12**1	S	2.79	-	-	-	-	-	-	-	-	-	-	-	-	-
	T	2.79													
FC**12**2	S	3.13	5.40	-	-	-	-	-	-	-	-	-	-	-	-
	T	3.13	5.40												
FC**12**3	S	7.80	5.96	7.55	8.09	-	-	-	-	-	-	-	-	-	-
	T	7.80	5.96	8.18	9.86										
FC**12**4	S	3.27	6.18	7.95	8.58	-	-	-	-	-	-	-	-	-	-
	T	3.27	6.18	8.62	10.53										
FC**12**5	S	3.28	6.31	8.22	8.81	9.86	-	-	-	-	-	-	-	-	-
	T	3.28	6.31	8.90	10.96	14.17									
FC**14**1	S	2.49	3.88	4.76	5.31	5.69	-	-	-	-	-	-	-	-	-
	T	2.49	3.88	4.76	5.86	7.14									
FC**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					
FC**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			
FC**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	
FC**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
FC**16**1	S	2.62	4.18	5.19	5.95	6.38	-	-	-	-	-	-	-	-	-
	T	2.62	4.18	5.19	6.41	7.78									
FC**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						
FC**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			
FC**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		
FC**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
FC**18**1	S	2.75	4.47	5.62	6.43	7.10	-	-	-	-	-	-	-	-	-
	T	2.75	4.47	5.62	6.43	8.51									
FC**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						
FC**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				
FC**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		
FC**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	
FC**20**1	S	2.83	4.68	5.93	6.84	7.71	-	-	-	-	-	-	-	-	-
	T	2.83	4.68	5.93	6.84	8.97									
FC**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						
FC**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				
FC**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		
FC**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(FC***0****) and (FC***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(FC*0****) and (FC***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 (FC***2****) and (FC***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 (FC***2****) and (FC***3****)

FAN-COILS UNIT SIZE	SAT. SUCTION 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 (FC***2****) and (FC***3****)

FAN-COILS UNIT SIZE	SAT. SUCTION 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	9.13	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

یادداشت

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این قسمت را با بارکدخوان موبایل اسکن کنید!



MEHRASL

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