

Hi-Static Fan Coil Units (Standard and District Cooling)

Range 600 cfm to 2400 cfm
(285 l/s to 1135 l/s)



Bulletin # 072/2011



SKM Fan Coil Units Hi-Static Fan Coil Units



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Legend

The following legends are used throughout this manual:

AFR Air Flow Rate	lbs Pounds weight (British units)
BEP Baked Enamel Paint	l/s Liters per second
cfm Cubic feet per minute	MBh 1000 Btuh
dB Decibels	NC Noise Criteria
EADB Entering Air Dry Bulb	OD Outside Diameter
EAWB Entering Air Wet Bulb	Ph Phase
ET Evaporating Temperature	Pa Pascals
EWT Entering Water Temperature	SC Sensible Capacity
ESP External Static Pressure	SCCF Sensible Capacity Correction Factor
Ft Total Capacity Factor	SPL Sound Pressure Level
ftwg Feet of Water Gauge	TC Total Capacity
Fs Sensible Capacity Factor	TCCF Total Capacity Correction Factor
GPM Gallons per minute	TR Tons of refrigeration = 12 MBH
Hz Hertz	USgpm .. US Gallons per minute
inwg Inch of Water Gauge	V Volts
kW Kilowatts	WFR Water Flow Rate
kg Kilograms	WTR Water Temperature Rise
kPa Kilo Pascals	WPD Water Pressure Drop
LADB Leaving Air Dry Bulb	
LAWB ... Leaving Air Wet Bulb	

Introduction

Hi - Static Fan Coil Units from SKM are a complete line of fan coil units to meet most air conditioning requirements. High quality units are available for installation in apartments and single or multi room offices, schools, clinics, etc.

Hi - Static Fan Coil Units from SKM are low noise, 3-speed units and available in varied configurations with many options and accessories.

Hi-Static Fan Coil Units are easily installed and serviced. Hi - Static Fan Coil Units feature high operating efficiency, low operating cost and quiet, energy efficient fan motors.

Hi-Static Fan Coil Units are designed and built in the Gulf to meet requirements of high sensible heat ratio, durability, minimum maintenance needs.

Deliveries on Hi-Static Fan Coil Units are reliably prompt. For those urgent jobs, Hi-Static Fan Coil Units can be delivered, on request, as fast as required, handled the way they will be installed, with or without factory piped valve package to reduce field installation time and piping time to an absolute minimum.

Hi - Static Fan Coil Units, are rated in accordance with standard AHRI - 440.

Hi - Static Fan Coil Units, another quality product from SKM which is:

Hi-Static fan coil units manufactured by SKM, are available in Two versions, for standard applications DY Series and for District cooling applications DCY Series are illustrated in the catalogue.

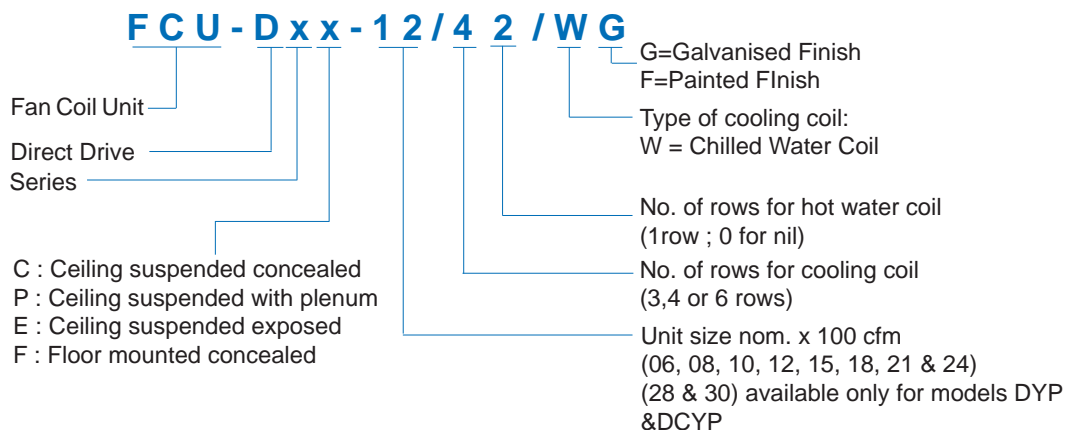


Built in the Gulf...for the world.

SKM Fan Coil Units Hi-Static Fan Coil Units

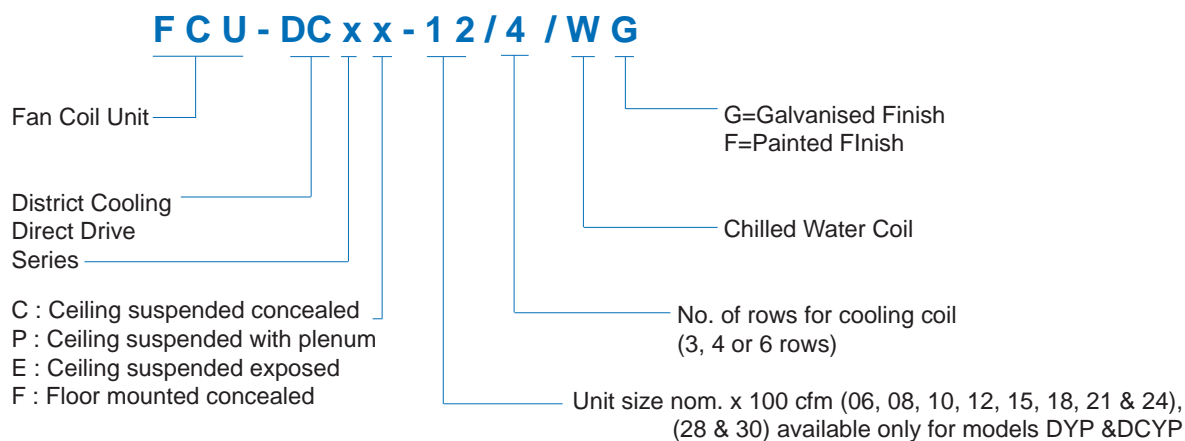
Standard FCU Models

Nomenclature



District Cooling FCU Models

Nomenclature



SKM Fan Coil Units

Hi-Static Fan Coil Units

General Features

Hi - Static fan coil units manufactured by SKM have been designed with the requirement of the Middle East market foremost in consideration.

Hi - Static fan coil units are ideally suited for installation in chilled water or to meet air conditioning requirements of **individual** rooms throughout the year. Increasingly, architects require a hidden indoor unit with custom enclosure to match the aesthetic requirements of the space.

For individual room temperature control in chilled water applications, Hi - Static fan coils can be an ideal solution on major projects involving:

- Apartment Complexes
- Office Blocks
- Hospitals & Clinics
- Shopping Malls & Centers
- Airports
- Hi-rise Buildings
- Hotels & Motels
- Commercial Developments
- Schools & Colleges
- Libraries

Hi - Static fan coil units provide flexibility of architectural design, economy of operation and space usage, individual room control with privacy, quietness, versatility of location and installation, and multiplicity of control system. All these reasons make the Hi - Static series fan coils the first choice as Hi - Static Fan Coil units from SKM are: **Built in the Gulf...for the world.**

Features:

- High efficiency coil with high efficiency wavy corrugated fins.
- Hi-efficiency, low power consumption PSC electric motor.
- Hi-efficiency forward curved fan for quiet operation.
- Manual air vent.
- Heavy gauge galvanised casing & fan housing. Hot dip is standard.
- Insulated heavy gauge drain pan.
- Isolating grommet for additional vibration isolation.
- Quick electrical connections.

Component Features

Casing

Units are constructed from high gauge galvanised steel sheet complying with ASTM-A653 and JSIG-3302 for maximum protection against corrosion. On request, as option, electrostatic polyester powder coating on zinc coated galvanized and phosphatised panels are available. Ivory white (RAL 7032) is the standard color and other colors available as an option, on request, at additional charge.

Drain Pan

Fabricated from heavy gauge zinc coated steel sheets, painted irrespective of the type of finish for unit casing and insulated from

outside by 4 mm thick polyethylene foam insulation for maximum protection against sweating and corrosion. Drain pan is extended to include coil, headers and U - bends. Drain connection 3/4" (19mm) O.D. is provided for removal of condensation.

Coils

Cooling & heating coils are manufactured from seamless copper tubes mechanically bonded to high efficiency wavy corrugated aluminium fins. Copper fins are available as an option.

Coils are factory leak tested by air pressure at 300 psig (2068 kPa) under water. Air vent is standard. Chilled water cooling coils are available in 3, 4 and 6 rows. Coil connections are plain tube extensions supplied LH or RH as required for chilled water.

Coils are rated in accordance with AHRI - 410. Hi - Static fan coil units can be supplied with a maximum total of 6 rows/coil .

Fan / Motor

Hi - Static fan coil units use centrifugal double inlet double width low noise fans direct driven by single phase, 3-speed permanent split capacitor motor. These motors have integral thermal protection, low temperature rise, are highly efficient, have high power factor and operate almost noiselessly with permanent lubricated sleeve bearings.

Motor Technical Data

All motors used in High Static Fan Coil Units are inherently protected by means of thermal cut-out embedded in the winding. This thermal cut-out is calibrated to trip out when the winding reaches a pre determined temperature. The thermal cut out will automatically reset when the temperature returns to a safe limit.

Efficiency and Power Factor

SKM High Static Fan Coil Units are equipped with permanent split capacitor motors because of their high efficiency and higher power factor than that of shaded pole motors being used by many other manufacturers of fan coil units.

The efficiency range of permanent split capacitor motors varies between 50 & 60 % as compared to 30 to 40 % for shaded pole motors with power factor 0.6 to 0.7 while the power factor of a permanent split capacitor motor approaches 1.0.

SKM chooses permanent split capacitor motor on the basis of their higher efficiency and power factor in order to maintain the total power factor of the installation above a set minimum value.

SKM Fan Coil Units Hi-Static Fan Coil Units

Application Flexibility

Hi - Static fan coil unit are available in a capacity range of 600-30000 cfm (283-1135 l/s), in various models having 8 sizes each. Configurations available include ceiling suspended horizontal or vertical floor mounted.

1. DYC & DCYC

Ceiling suspended, concealed application with chilled water coils.

2. DYP & DCYP

Ceiling suspended for concealed applications, includes a factory installed plenum. The plenum is lined with 1/2" glass fibre insulation. Units are supplied with 1" cleanable filter as standard.

3. DYE & DCYE

Ceiling suspended, exposed type includes basic DYC / DCYC plus a cabinet with removable access panels lined with 1/2" fibre glass insulation. Units are supplied with 1" cleanable filter. Units are painted with electrostatically applied polyester powder coat and supplied with supply and return air grilles as standard.

4. DYF & DCYF

Floor mounted, vertical supply with 1" cleanable filter. Units can be supplied with supply and return grill on request with electrostatic polyester powder coat, oven-baked. Units have a removable access panel to provide complete access to coil and motor blower section.

All units can be supplied for either free or ducted air delivery.

For options available, refer to page 5.

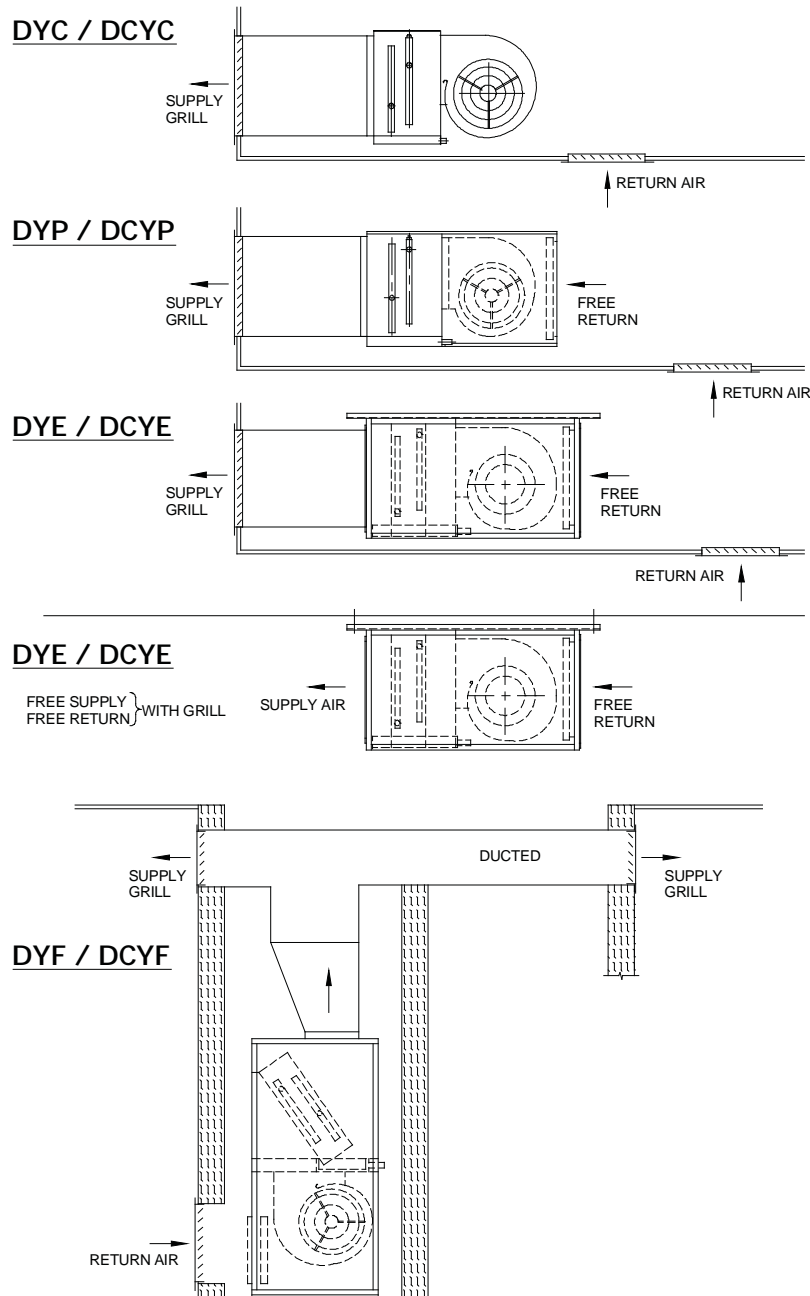


Figure 1

SKM Fan Coil Units

Hi-Static Fan Coil Units

Options

The standard options available for Hi - Static Fan Coil Units include :

Automatic Air Vent (AAV)

Electric Heaters (EFH)

Application

Electric heaters are available on all Models of High Static Fan Coil Units for:

1. Heating during winter without the need for a central boiler or hot water source. The chilled water is a two pipe system allowing year round temperature control. Thermostat should be suitable for both cooling and heating.
2. Incremental heat during peak heating season when cooling coil is circulating hot water in a two pipe system and is unable to meet full heating requirements of the space.

High Static Fan Coil Units with factory built heating elements as shown in Table 1 are available in two variants. Order should specify FEH1 for variant 1 and FEH2 for variant 2. Each variant is provided with one high limit safety cut-out (Auto Reset) and arranged for 1 stage operation at 220-240V 1 PH 50/60Hz.

For any other special requirements like thermostats, controls, power supply, etc. please contact SKM.

Capacity

Maximum capacity of the electric heater is determined by the air capacity of the particular model. Table 1 shows the 2 variations available for each model in the Hi - Static fan coil units.

Contactors and Controls

Contactors are not included as standard and must be field supplied and installed.

Heater Elements

"U" shape finned tubular heating element constructed from high quality 80/20 nickel chrome resistance wire connected to terminal pins and centered in a metal tube with galvanized steel fin.

The elements are isolated from the casing. Separate power source is required for the heaters.

Unit Size	Number of Heater Elements	
	Variant 1	Variant 2
06	1 x 1.0	2 x 1.0
08	1 x 1.5	2 x 1.5
10	1 x 1.0 + 1 x 1.5	3 x 1.5
12	1 x 3.0	2 x 3.0
15	1 x 3.0	2 x 3.0
18	1 x 4.0	2 x 4.0
21	1 x 4.0	2 x 4.0
24	1 x 4.0	2 x 4.0
28	1 x 5	2 x 5
30	1 x 5	2 x 5

Note :

(28 & 30) Available only for models DYP & DCYP

Table 1

Thermostat

Thermostat is wall mounted decorative type, with large LCD and backlight. Buttons are provided for power on/off, fan speed selection, cooling or heating mode selection, set point adjustment and sleep mode selection. Indoor temperature and set point are displayed simultaneously. Apart from that, display provides fan mode (high, medium, low or auto) and operating mode (cool or heat) status.

Optional remote control and remote sensor are available on request

Optional unit mounted thermostat available for DYP & DCYP models only. For other models, please consult SKM.

Double Skin Units (DSU)

Recommended for all units installed in locations having a high temperature difference between supply air temperature and surrounding environment of the Hi - Static fan coil units. This option is available for DYP & DCYP models only. Additional sound attenuation is achieved with double skinning. Cold bridges are avoided fully in the sandwich construction. Perforated inner skin is available as an option.

Controls

Various options on valve packages and control systems are available. 8 different valve packages are available factory installed or loose for field mounting along with 3 options on control packages. Full details of options available see full write-up on pages 32-33.

SKM Fan Coil Units Hi-Static Fan Coil Units

Auxillary and / or Double Insulated Drain Pans

Available for models DYC, DCYC, DYP & DCYP only to provide extended and additional protection against condensation below valve packages.

Options available :

Auxiliary Drip Lip (ADP)

Heavy guage zinc coated auxiliary drip lip supplied loose to be fitted on the edge of the drain pan under the valves.

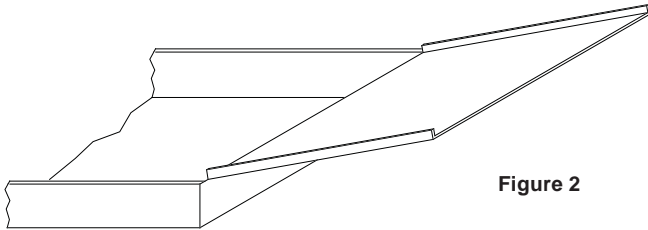


Figure 2

Double Skin Drain Pan (PDI)

Double skin drain pan with heavy gauge galvanised steel internal & external skin. The inner and outer skins are filled with fibre glass insulation. Internal skin additionally protected with painted finish.

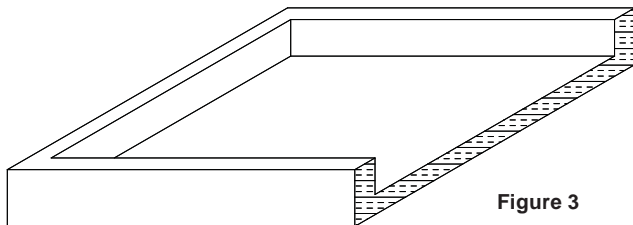


Figure 3

SS Drain Pan (SDP)

Stainless steel drain pan insulated from outside with 4mm thick polyethylene foam insulation.

Powder Coated Decorative Finish (BEP)

Available for models DYF & DCYF only where required for exposed installation (models DYE & DCYE come standard with this option) . Standard Color available is ivory white (RAL 7032). Optionally other RAL colors may be available. **Specify color with code BEP.**

Supply and Return Air Grille (GDD)

Powder coated double deflection discharge grille and single deflection return grille available for models DYF & DCYF only. This option is a standard feature in models DYE & DCYE

Grills are powder coated to match color of unit, if **option BEP** ordered. In standard aluminium finish option BEP not required or not to be ordered.

Discharge Plenum(GDP)

A discharge plenum for free standing DYF & DCYF models only is available. Option BEP must be ordered with this option. Option GDP includes, in addition, a double deflection supply grille and a single deflection return air grille, powder coated in matching color.

NOTE:

1. The maximum Ampere shown in Table 2, page #7 is the total Amps per unit.
2. Inductive current (Amps) rating of 3 speed switch must be greater than the maximum Amps of the unit.
3. Maximum allowable fuse rating for any unit size must not exceed 15 Amps/250 Vac.
- 4 . The units are suitable for electrical system where voltage supplied to the unit should not vary $\pm 10\%$ of the rated voltage.

SKM Fan Coil Units Hi-Static Fan Coil Units

Physical & Electrical Data

Unit Size			06	08	10	12	15	18	21	24	28	30	
Nominal Airflow Rate	cfm		600	800	1000	1200	1500	1800	2100	2400	2800	3000	
	l/s		283	378	472	566	708	849	991	1133	1322	1416	
Coil	Type	-	Copper tubes mechanically bonded to HI-Efficiency wavy corrugated Aluminium Fins										
	Fin Height	inch	12	12	16	12	12	16	16	16	16	16	16
		mm	305	305	406	305	305	406	406	406	406	406	406
	Fin Length	inch	20	24	24	36	42	42	48	54	72	72	72
		mm	508	610	610	914	1067	1067	1219	1372	1828	1828	1828
	Face Area	ft ²		1.7	2.0	2.7	3.0	3.5	4.7	5.3	6.0	8.0	8.0
m ²			0.15	0.19	0.25	0.28	0.33	0.43	0.50	0.56	0.74	0.74	
Fan	Type	-	Double Inlet Double Width Centrifugal Forward Curve Direct Drive										
	Code	-	7-7	7-7	9-7	7-7	7-7	9-7	9-7	9-7	9-7	9-7	
	Quantity	#	1	1	1	2	2	2	2	2	3	3	
Motor	Type	-	220-240V/1Ph/50-60Hz, 3 Speed Electric Motor with Permanent Split Capacitor										
	Size	Watts	150	150	150	150	150	150	150	245	150	245	
	Quantity	#	1	1	1	2	2	2	2	2	3	3	
Maximum Amps.	50 Hz.	Speed	High	1.3	1.4	1.3	2.6	2.8	2.6	2.8	4.9	4.2	7.3
			Medium	0.9	1.1	1.1	1.8	2.2	2.2	2.2	4.0	3.3	6.0
			Low	0.8	0.8	0.8	1.6	1.6	1.6	1.8	3.0	2.4	4.5
	60 Hz.	Speed	High	1.1	1.4	1.5	2.2	2.8	3.0	3.4	5.4	5.1	8.1
			Medium	0.8	1.0	1.3	1.6	1.9	2.5	2.6	4.6	3.9	6.9
			Low	0.7	0.8	0.9	1.4	1.5	1.8	1.9	3.4	2.9	5.1

Table 2

Machine Weight

Model	Number of Rows	Machine Weight	Unit Size							
			06	08	10	12	15	18	21	24
DYC & DCYC	3R	lbs	43	47	58	62	82	105	110	120
		kg	19.5	21.4	26.4	28.2	37.3	47.7	50	54.5
	4R	lbs	46	50	63	66	87	112	118	128
		kg	20.9	22.7	28.6	30	39.5	50.9	53.6	58.2
	6R	lbs	52	57	72	77	99	127	137	154
		kg	23.6	25.9	32.7	35	45	57.7	62.3	70
DYP & DCYP	3R	lbs	60	67	82	87	109	134	141	155
		kg	27.3	30.5	37.3	39.5	49.5	60.9	64.1	70.5
	4R	lbs	63	70	86	91	114	141	148	162
		kg	28.6	31.8	39.1	41.4	51.8	64.1	67.3	73.6
	6R	lbs	68	77	95	102	126	156	167	188
		kg	30.9	35	43.2	46.4	57.3	70.9	75.9	85.5
DYF & DCYF	3R	lbs	90	97	109	119	145	179	192	208
		kg	40.9	44.1	49.5	54.1	65.9	81.4	87.3	94.5
	4R	lbs	93	100	114	123	150	186	199	216
		kg	42.3	45.5	51.8	55.9	68.2	84.5	90.5	98.2
	6R	lbs	99	107	122	134	162	201	218	242
		kg	45	48.6	55.5	60.9	73.6	91.4	99.1	110
DYE & DCYE	3R	lbs	80	86	98	107	132	163	174	188
		kg	36.4	39.1	44.5	48.6	60	74.1	79.1	85.5
	4R	lbs	83	89	102	111	137	170	181	196
		kg	37.7	40.5	46.4	50.5	62.3	77.3	82.3	89.1
	6R	lbs	86	96	117	122	149	185	200	222
		kg	39.1	43.6	53.2	55.5	67.7	84.1	90.9	100.9

Table 3

SKM Fan Coil Units Hi-Static Fan Coil Units

Sound Data

Sound Power Level dB(A) 50 Hz

Size	Speed	3 Rows									4 Rows						6 Rows								
		125	250	500	1 K	2 K	4 K	8 K	A	125	250	500	1 K	2 K	4 K	8 K	A	125	250	500	1 K	2 K	4 K	8 K	A
6	High	53.6	55.4	59.4	62.8	59.1	57.2	51.3	66.8	53.7	55.5	59.4	62.8	59.0	57.1	51.2	66.8	53.8	55.6	59.4	62.8	59.0	57.1	51.2	66.8
	Medium	51.1	52.2	56.9	59.4	55.5	53.0	46.4	63.5	51.3	52.4	57.0	59.4	53.2	53.1	46.5	63.3	51.5	52.5	57.0	59.4	55.7	53.2	46.5	63.7
	Low	45.8	46.3	52.8	49.4	48.5	45.0	36.5	56.7	46.3	46.6	53.0	54.0	49.0	45.6	37.2	58.2	46.9	47.2	53.3	54.5	49.8	46.4	37.2	58.7
8	High	49.3	51.5	60.4	62.1	60.7	58.1	51.6	67.9	49.3	51.5	60.3	62.1	60.6	58.0	51.5	67.9	49.2	51.4	60.2	62.1	60.5	57.9	51.5	67.8
	Medium	49.0	56.1	57.2	58.2	55.4	52.8	45.0	63.5	49.0	56.0	57.2	58.3	55.5	52.8	44.9	63.5	48.9	56.1	57.3	58.4	55.6	52.8	44.9	63.6
	Low	43.2	52.6	53.8	53.8	49.7	46.0	36.7	59.1	43.4	52.8	53.8	54.0	50.0	46.1	37.0	59.3	43.7	53.1	53.9	54.3	50.6	46.3	37.0	59.6
10	High	46.6	60.0	61.3	62.8	59.9	57.8	45.6	67.7	46.2	59.5	60.8	62.2	59.2	57.2	44.1	67.2	44.0	56.6	57.9	59.2	56.4	54.4	45.1	64.3
	Medium	45.0	55.1	58.3	53.8	55.8	52.0	40.6	62.6	44.6	54.6	57.8	53.2	55.1	51.4	40.1	62.0	42.4	51.7	54.9	50.2	52.3	48.6	40.1	59.2
	Low	43.0	51.1	54.3	53.3	49.2	47.0	35.5	58.9	42.6	50.6	53.8	52.7	48.5	46.4	35.0	58.3	40.4	47.7	50.9	49.7	45.7	43.6	35.0	55.4
12	High	54.6	56.4	60.4	63.8	60.1	58.2	52.3	67.8	54.7	56.5	60.4	63.8	60.0	58.1	52.2	67.8	54.8	56.6	60.4	63.8	60.0	58.1	52.2	67.8
	Medium	52.1	53.2	57.9	60.4	56.5	54.0	47.4	64.5	52.3	53.4	58.0	60.4	54.2	54.1	47.5	64.3	52.5	53.5	58.0	60.4	56.7	54.2	47.5	64.7
	Low	46.8	47.3	53.8	50.4	49.5	46.0	37.5	57.7	47.3	47.6	54.0	55.0	50.0	46.6	38.2	59.2	47.9	48.2	54.3	55.5	50.8	47.4	38.2	59.7
15	High	50.3	62.5	61.4	63.1	61.7	59.1	52.6	68.9	50.3	62.5	61.3	63.1	61.6	59.0	52.5	68.9	50.2	62.4	61.2	63.1	61.5	58.9	52.5	68.8
	Medium	50.0	57.1	58.2	59.2	56.4	53.8	46.0	64.5	50.0	57.0	58.2	59.3	56.5	53.8	45.9	64.5	49.9	57.1	58.3	59.4	56.6	53.8	45.9	64.6
	Low	44.2	53.6	54.8	54.8	50.7	47.0	37.7	60.1	44.4	53.8	54.8	55.0	51.0	47.1	38.0	60.3	44.7	54.1	54.9	55.3	51.6	47.3	38.0	60.6
18	High	47.6	61.0	62.3	63.8	60.9	58.8	46.6	68.7	47.2	60.5	61.8	63.2	60.2	58.2	45.1	68.2	45.0	57.6	58.9	60.2	57.4	55.4	46.1	65.3
	Medium	46.0	56.1	59.3	54.8	56.8	53.0	41.6	63.6	45.6	55.6	58.8	54.2	56.1	52.4	41.1	63.0	43.4	52.7	55.9	51.2	53.3	49.6	41.1	60.2
	Low	44.0	52.1	55.3	54.3	50.2	48.0	36.5	59.9	43.6	51.6	54.8	53.7	49.5	47.4	36.0	59.3	41.4	48.7	51.9	50.7	46.7	44.6	36.0	56.4
21	High	58.3	63.5	64.5	66.3	68.5	68.4	58.7	73.9	58.2	63.4	64.1	65.8	67.9	67.7	57.9	73.4	58.1	63.3	63.3	65.0	67.0	66.4	57.9	72.6
	Medium	56.8	60.0	66.1	64.8	67.3	66.8	56.8	72.8	56.7	59.8	65.2	64.5	66.9	66.3	56.3	72.3	56.6	59.4	63.4	63.9	66.2	65.4	56.3	71.5
	Low	54.4	58.0	65.7	62.7	65.2	64.2	53.8	71.0	54.5	58.1	65.3	62.6	65.1	64.0	53.7	70.8	54.6	58.1	64.6	62.5	64.9	63.7	53.7	70.5
24	High	59.6	64.5	65.6	67.2	69.3	69.5	60.0	74.9	58.4	63.6	64.9	66.8	69.0	69.1	59.6	74.5	58.3	63.5	64.2	65.9	68.1	67.9	59.6	73.6
	Medium	56.9	60.4	67.8	65.4	67.9	67.6	57.8	73.7	56.9	60.2	67.1	65.2	67.6	67.2	57.3	73.3	56.8	59.9	65.5	64.6	67.0	66.5	57.3	72.5
	Low	54.4	58.0	66.1	62.8	65.3	64.4	54.0	71.2	54.4	58.0	66.0	62.8	65.2	64.3	53.9	71.1	54.5	58.1	65.5	62.7	65.1	64.1	53.9	70.9

Table 4

60 Hz

Size	Speed	3 Rows									4 Rows						6 Rows								
		125	250	500	1 K	2 K	4 K	8 K	A	125	250	500	1 K	2 K	4 K	8 K	A	125	250	500	1 K	2 K	4 K	8 K	A
6	High	48.3	56.0	59.2	60.6	54.5	50.9	42.0	64.6	48.3	56.0	59.2	60.6	54.5	50.9	42.0	64.6	48.0	55.7	58.9	60.2	54.2	50.7	41.0	64.3
	Medium	45.6	50.4	52.4	52.8	46.9	43.2	34.6	57.7	46.4	48.3	52.6	53.0	53.2	43.5	35.0	58.6	47.7	49.3	53.0	53.5	47.8	44.1	34.0	58.2
	Low	38.9	47.3	47.7	45.8	37.2	32.2	22.9	52.2	39.0	47.3	47.7	45.9	37.4	32.4	23.1	52.2	39.0	47.4	47.9	46.2	37.8	32.9	22.1	52.4
8	High	47.8	60.1	59.5	61.2	59.2	56.4	49.8	66.7	47.9	60.3	59.5	61.3	59.3	56.4	49.8	66.8	47.9	60.7	59.6	61.5	59.4	56.5	49.8	67.0
	Medium	47.6	53.1	56.8	56.5	53.1	50.6	41.4	61.8	47.2	52.6	56.3	56.0	52.6	50.1	41.1	62.3	46.3	51.6	55.3	55.0	51.6	49.2	40.1	60.3
	Low	38.1	46.3	50.8	49.7	45.0	42.3	30.9	55.0	37.8	46.3	50.8	49.9	45.5	42.2	30.9	55.0	37.4	46.4	50.8	50.2	45.3	42.0	29.9	55.1
10	High	48.0	59.1	60.8	62.9	60.0	58.1	45.8	67.5	48.1	59.1	60.8	62.9	60.0	58.1	45.9	67.6	48.0	59.1	60.8	62.9	60.0	58.1	44.9	67.5
	Medium	47.7	52.2	58.1	58.1	53.8	52.1	38.1	62.8	47.4	51.6	57.6	57.5	53.3	51.7	37.8	62.3	46.4	50.3	56.4	56.2	52.1	50.6	36.1	61.1
	Low	38.2	45.5	51.9	51.1	46.2	43.5	28.4	55.9	38.0	45.4	51.9	51.2	46.1	43.4	28.5	55.9	37.5	45.2	51.8	51.3	45.7	43.2	27.0	55.8
12	High	49.3	57.0	60.2	61.6	55.5	51.9	43.0	65.6	49.3	57.0	60.2	61.6	55.5	51.9	43.0	65.6	49.0	56.7	59.9	61.2	55.2	51.7	43.0	65.2
	Medium	46.6	51.4	53.4	53.8	47.9	44.2	35.6	58.7	47.4	49.3	53.6	54.0	54.2	44.5	36.0	59.6	48.7	50.3	54.0	54.5	48.8	45.1	36.0	59.2
	Low	39.9	48.3	48.7	46.8	41.3	36.6	27.0	53.4	40.0	48.3	48.7	46.9	38.4	33.4	24.1	53.2	40.0	48.4	48.9	47.2	38.8	33.9	24.1	53.4
15	High	48.8	61.1	60.5	62.2	60.2	56.4	50.8	67.6	48.9	61.3	60.5	62.3	60.3	57.4	47.8	67.7	48.9	61.7	60.6	62.5	60.4	57.5	50.8	68.0
	Medium	48.6	54.1	57.8	57.2	54.1	51.6	42.4	62.7	48.2	53.6	57.3	57.0	53.6	51.1	42.1	62.3	47.3	52.6	56.3	56.0	52.6	50.2	42.1	61.3
	Low	39.1	47.3	51.8	50.7	46.6	43.3	31.9	56.0	38.8	47.3	51.8	50.9	46.5	43.2	31.9	56.1	38.4	47.4	51.8	51.2	46.3	43.0	31.9	56.1
18	High	45.2	55.9	56.5	59.3	56.7	55.6	45.7	64.1	45.3	55.9	56.5	59.4	56.7	55.7	45.7	64.2	45.2	55.9	56.5	59.3	56.7	55.6	45.7	64.1
	Medium	30.3	36.9	38.0	39.2	37.5	36.3	29.0	45.0	30.3	36.9	38.0	39.2	37.5	36.3	29.0	45.0	30.4	37.1	38.2	39.4	37.7	36.5	29.0	45.1
	Low	24.1	30.7	32.9	33.2	31.2	29.6	22.6	39.0	23.9	30.4	32.5	32.8	30.8	29.3	22.4	38.6	23.3	29.7	31.8	32.1	30.2	28.7	22.4	38.0
21	High	52.0	63.1	64.1	67.2	65.4	64.4	53.7	72.2	52.1	63.0	64.0	67.1	65.2	64.1	53.3	72.0	51.8	63.1	64.0	67.1	64.8	63.6	53.3	71.9
	Medium	49.1	60.3	62.0	64.1	61.2	59.3	47.0	68.8	49.0	60.0	61.7	63.8	60.9	59.0	46.8	68.5	48.3	59.1	60.8	62.9	60.0	58.2	46.8	67.6
	Low	39.0	50.0	53.7	54.1	50.8	48.2	36.5	59.0	39.0	50.0	53.7	54.1	50.8	48.2	36.5	59.0	39.0	50.0	53.7	54.1	50.8	48.2	36.5	59.0
24	High	51.9	63.2	64.3	67.4	65.7	64.8	54.3	72.4	52.0	63.1	64.2	67.3	65.6	64.6	54.0	72.3	52.1	63.0	64.0	67.1	65.2	64.1	54.0	72.1
	Medium	49.7	61.0	62.7	64.8	61.9	60.0	47.5	69.5	49.6	60.8	62.5	64.6	61.7	59.8	47.4	69.2	49.1	60.2	61.9	64.0	61.1	59.2	47.4	68.7
	Low	39.0	50.0	53.6	54.1	50.8	48.2	36.5	58.9	39.0	50.0	53.7	54.1	50.8	48.2	36.5	59.0	39.0	50.0	53.7	54.1	50.8	48.2	36.5	59.0

* Based on 0.2 in.Wg (50 Pa) External Static Pressure

Table 5

Casing Attenuation

DYP, DYE, DYF DCYP, DCYE, DCYF	125
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SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Correction Factors

(Other than nominal air flow)

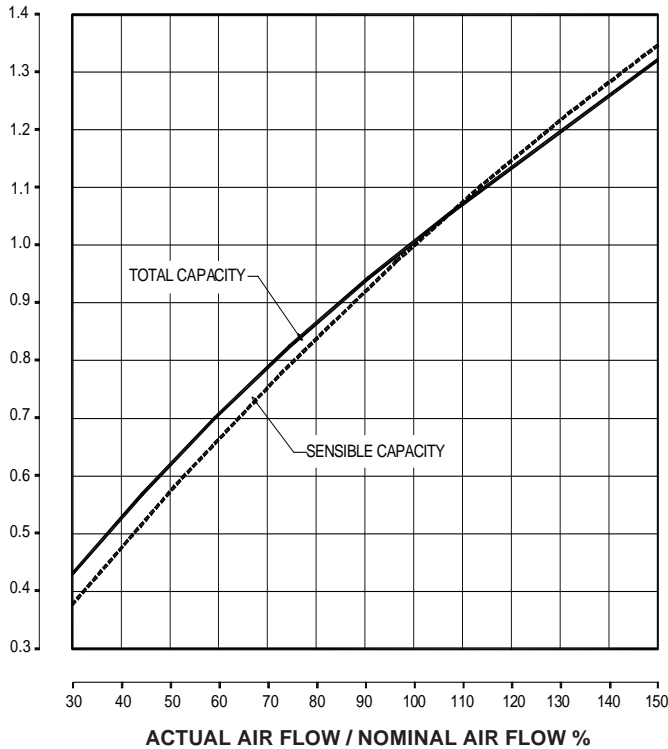


Figure 4

Actual Air Flow / Nom. Air Flow %	Total Cooling Capacity Ft	Sensible Capacity (Cooling or Heating) Fs
30	0.43	0.38
40	0.53	0.47
50	0.62	0.57
60	0.70	0.67
70	0.78	0.76
80	0.86	0.85
90	0.94	0.93
100	1.00	1.00
110	1.07	1.07
120	1.13	1.14
130	1.19	1.21
140	1.26	1.28
150	1.33	1.30

Table 7

Altitude Correction Factors

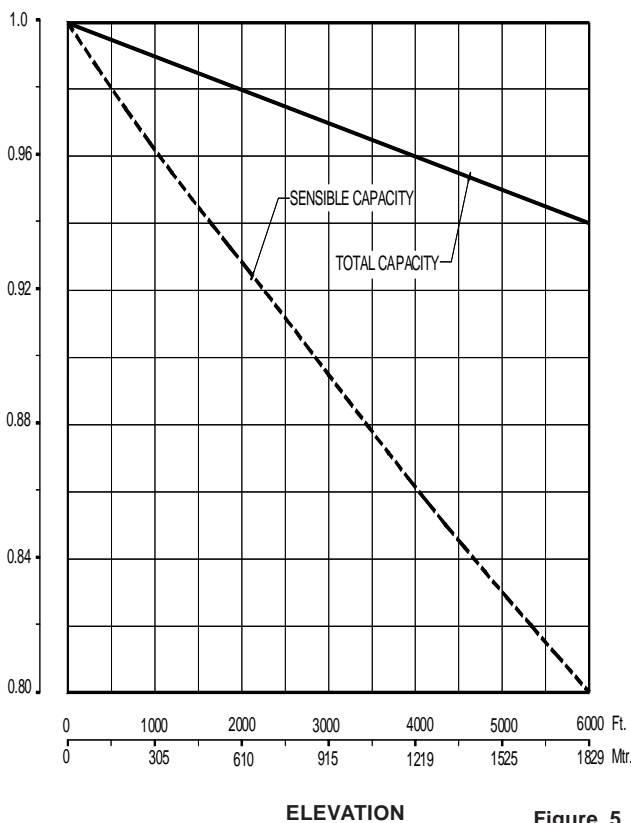


Figure 5

Elevation		Total Capacity	Sensible Capacity
Ft.	m		
1000	305	0.99	0.96
2000	610	0.97	0.92
4000	1219	0.95	0.84
5000	1525	0.94	0.80
6000	1829	0.92	0.76

Table 8

SKM Fan Coil Units Hi-Static Fan Coil Units

Nominal Capacity Ratings

Models **DYC, DYP, DYE & DYF**

Chilled Water Coils

Size	Nominal Airflow Rate	3 Rows				4 Rows				6 Rows			
		Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop
		cfm	MBh	MBh	gpm	ftwg	MBh	MBh	gpm	ftwg	MBh	MBh	gpm
	I/s	kW	kW	I/s	kPa	kW	kW	I/s	kPa	kW	kW	I/s	kPa
06	600	17.7	12.9	3.5	8.8	21.6	15.0	4.3	15.2	25.6	17.2	5.1	4.9
	283	5.2	3.8	0.2	26.4	6.3	4.4	0.3	45.3	7.5	5.0	0.3	14.5
08	800	23.0	16.8	4.6	15.2	27.4	19.3	5.5	12.3	33.9	22.8	6.8	8.7
	378	6.7	4.9	0.3	45.4	8.0	5.7	0.3	36.9	9.9	6.7	0.4	26.0
10	1000	29.5	21.4	5.9	14.1	34.7	24.5	6.9	8.4	43.3	28.9	8.7	8.0
	472	8.6	6.3	0.4	42.3	10.2	7.2	0.4	25.2	12.7	8.5	0.5	24.0
12	1200	33.0	24.6	6.6	6.5	41.0	29.0	8.2	11.4	50.9	34.1	10.2	8.0
	566	9.7	7.2	0.4	19.4	12.0	8.5	0.5	34.1	14.9	10.0	0.6	24.0
15	1500	41.0	30.5	8.2	10.3	49.0	35.2	9.8	8.4	62.5	42.2	12.5	9.7
	708	12.0	8.9	0.5	30.9	14.4	10.3	0.6	25.2	18.3	12.4	0.8	28.9
18	1800	51.6	37.8	10.3	9.3	60.1	43.1	12.0	5.5	77.2	51.6	15.4	7.5
	849	15.1	11.1	0.7	27.7	17.6	12.6	0.8	16.3	22.6	15.1	1.0	22.3
21	2100	56.7	42.8	11.3	4.5	71.4	50.6	14.3	7.9	90.8	60.5	18.2	10.7
	991	16.6	12.5	0.7	13.3	20.9	14.8	0.9	23.6	26.6	17.7	1.1	31.9
24	2400	65.9	49.2	13.2	6.2	82.1	58.0	16.4	10.8	104.4	69.4	20.9	14.6
	1133	19.3	14.4	0.8	18.5	24.1	17.0	1.0	32.2	30.6	20.3	1.3	43.5

Table 9

Notes:

Chilled water capacity ratings are based on nominal air flow rate; air entering temperature DB/WB 80/67°F (27/19.5°C), 45°F (7.2°C) entering chilled water temperature and 10°F (5.5°C) water temperature rise.

For conditions other than rated, use SKM FCU Computer Selection Software.

Nominal Capacity Ratings

Models **DYC, DYP, DYE & DYF**

Hot Water Coil

Size	Nominal Airflow Rate	1 Row			2 Rows			3 Rows		
		Total Capacity	Water Flow Rate	Water Pressure Drop	Total Capacity	Water Flow Rate	Water Pressure Drop	Total Capacity	Water Flow Rate	Water Pressure Drop
		cfm	MBh	gpm	ftwg	MBh	gpm	ftwg	MBh	gpm
	I/s	kW	I/s	kPa	kW	I/s	kPa	kW	I/s	kPa
06	600	25.7	2.6	5.0	42.7	4.3	8.3	52.4	5.2	5.0
	283	7.5	0.2	14.9	12.5	0.3	24.8	15.4	0.3	15.0
08	800	33.0	3.3	8.9	55.2	5.5	16.1	68.4	6.8	9.8
	378	9.7	0.2	26.6	16.2	0.3	48.2	20.1	0.4	29.4
10	1000	41.3	4.1	3.1	70.4	7.0	10.5	87.3	8.7	8.8
	472	12.1	0.3	9.2	20.6	0.4	31.3	25.6	0.6	26.3
12	1200	48.1	4.8	4.2	82.8	8.3	15.8	102.6	10.3	9.6
	566	14.1	0.3	12.4	24.3	0.5	47.2	30.1	0.6	28.6
15	1500	58.7	5.9	6.5	96.4	9.6	3.8	126.7	12.7	16.8
	708	17.2	0.4	19.4	28.3	0.6	11.5	37.1	0.8	50.1
18	1800	74.6	7.5	5.8	121.2	12.1	3.4	157.0	15.7	13.9
	849	21.9	0.5	17.4	35.5	0.8	10.1	46.0	1.0	41.4
21	2100	87.4	8.7	8.5	141.2	14.1	4.8	183.2	18.3	21.1
	991	25.6	0.6	25.4	41.4	0.9	14.4	53.7	1.2	63.1
24	2400	100.2	10.0	12.0	161.9	16.2	6.8	210.0	21.0	30.8
	1133	29.4	0.6	36.0	47.5	1.0	20.3	61.6	1.3	92.2

Table 10

Note :

Table 10 data based on Nominal Air Flow, 70°F (21°C) entering air temperature, 180/160°F (82/71°C) entering/leaving hot water temperature. For other conditions use SKM FCU selection software.



SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (50 Hz)

Model DYC

	Size	06	08	10	12	15	18	21	24
Nom	cfm	600	800	1000	1200	1500	1800	2100	2400
AFR	l/s	283	378	472	566	708	849	991	1133

Speed	DYC	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
			25	50	75	100	25	50	75	100	25	50	75	100
High	06	cfm	678	661	640	613	669	651	628	598	626	606	581	546
		l/s	320	312	302	289	316	307	296	282	295	286	274	258
	08	cfm	786	759	736	712	772	748	726	699	749	728	704	672
		l/s	371	358	347	336	364	353	343	330	353	344	332	317
	10	cfm	1026	970	898	812	1002	942	868	783	932	871	800	721
		l/s	484	458	424	383	473	445	410	369	440	411	378	340
	12	cfm	1302	1270	1230	1178	1283	1248	1204	1146	1219	1178	1126	1059
		l/s	614	599	580	556	605	589	568	541	575	556	531	500
15	cfm	1515	1478	1438	1391	1493	1456	1414	1361	1451	1411	1360	1294	
	l/s	715	697	679	656	705	687	667	642	685	666	642	611	
18	cfm	1898	1780	1637	1473	1841	1717	1575	1415	1735	1609	1471	1321	
	l/s	896	840	773	695	869	810	743	668	819	759	694	623	
21	cfm	2218	2073	1902	1709	2145	1996	1826	1640	1863	1741	1599	1442	
	l/s	1047	978	898	806	1012	942	862	774	879	822	755	680	
24	cfm	2251	2103	1935	1747	2187	2038	1873	1689	2067	1921	1762	1588	
	l/s	1062	992	913	824	1032	962	884	797	975	907	831	749	
Medium	06	cfm	504	487	466	435	499	482	459	425	459	442	418	385
		l/s	238	230	220	205	235	227	217	201	217	209	197	182
	08	cfm	591	577	560	537	587	572	554	530	578	563	542	514
		l/s	279	272	264	253	277	270	261	250	273	266	256	243
	10	cfm	701	710	692	650	706	708	684	638	688	681	651	603
		l/s	331	335	327	307	333	334	323	301	325	321	307	285
	12	cfm	1003	970	927	861	991	956	908	836	909	873	821	750
		l/s	473	458	437	406	468	451	428	395	429	412	387	354
15	cfm	1226	1197	1160	1110	1214	1184	1144	1089	1190	1155	1107	1044	
	l/s	579	565	547	524	573	559	540	514	562	545	522	493	
18	cfm	1404	1394	1335	1237	1406	1380	1310	1207	1371	1324	1244	1139	
	l/s	663	658	630	584	663	651	618	570	647	625	587	537	
21	cfm	1615	1602	1533	1419	1617	1585	1504	1385	1377	1363	1302	1206	
	l/s	762	756	723	670	763	748	710	654	650	643	614	569	
24	cfm	2091	1933	1753	1550	2031	1874	1697	1499	1920	1766	1597	1410	
	l/s	987	912	827	731	958	884	801	707	906	833	754	665	
Low	06	cfm	386	367	336	299	383	362	330	293	363	340	310	276
		l/s	182	173	159	141	181	171	156	138	171	160	146	130
	08	cfm	463	443	421	396	459	439	417	392	451	431	409	383
		l/s	218	209	199	187	217	207	197	185	213	203	193	181
	10	cfm	453	459	464	430	453	461	462	423	443	454	448	405
		l/s	214	217	219	203	214	218	218	200	209	214	211	191
	12	cfm	755	713	650	575	748	701	637	564	717	667	604	536
		l/s	356	336	307	271	353	331	301	266	338	315	285	253
15	cfm	939	897	851	797	928	887	840	786	908	866	818	764	
	l/s	443	423	402	376	438	419	396	371	428	409	386	361	
18	cfm	951	976	955	856	954	977	944	837	892	912	874	771	
	l/s	449	461	451	404	450	461	445	395	421	430	412	364	
21	cfm	1087	1115	1091	979	1090	1117	1078	957	887	909	897	809	
	l/s	513	526	515	462	514	527	509	452	419	429	423	382	
24	cfm	1944	1802	1621	1406	1899	1750	1570	1360	1807	1654	1478	1277	
	l/s	917	850	765	663	896	826	741	642	853	781	697	603	

Table 11

SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (50 Hz)

Model DYP, DYE & DYF

		Size	06	08	10	12	15	18	21	24					
		Nom	cfm	600	800	1000	1200	1500	1800	2100	2400				
		AFR	l/s	283	378	472	566	708	849	991	1133				
Speed	DYP DYE DYF	inwg Pa	3 Rows				4 Rows				6 Rows				
			External Static Pressure												
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	
High	06	cfm	667	648	625	594	658	638	613	578	615	593	564	528	
		l/s	315	306	295	280	311	301	289	273	290	280	266	249	
	08	cfm	769	745	723	696	757	735	712	683	737	715	689	653	
		l/s	363	352	341	328	357	347	336	322	348	337	325	308	
	10	cfm	996	934	859	774	970	906	831	748	902	840	770	693	
		l/s	470	441	405	365	458	428	392	353	426	396	363	327	
	12	cfm	1280	1244	1199	1138	1260	1220	1170	1104	1194	1148	1090	1016	
		l/s	604	587	566	537	595	576	552	521	563	542	514	479	
15	cfm	1489	1452	1409	1354	1468	1430	1382	1320	1426	1381	1323	1249		
	l/s	703	685	665	639	693	675	652	623	673	652	624	589		
18	cfm	1828	1702	1558	1398	1771	1643	1502	1347	1668	1543	1408	1264		
	l/s	863	803	735	660	836	775	709	636	787	728	664	596		
21	cfm	2129	1978	1806	1619	2056	1906	1739	1559	1804	1679	1539	1385		
	l/s	1005	933	852	764	970	899	821	736	851	792	726	654		
24	cfm	2171	2021	1854	1671	2110	1961	1798	1620	1997	1852	1696	1527		
	l/s	1024	954	875	789	996	925	848	764	942	874	800	721		
Medium	06	cfm	497	480	456	421	492	474	448	412	453	435	409	374	
		l/s	235	227	215	199	232	224	211	194	214	205	193	176	
	08	cfm	585	571	552	527	581	566	546	519	572	556	533	504	
		l/s	276	269	260	249	274	267	258	245	270	262	252	238	
	10	cfm	707	707	681	634	709	703	671	622	689	674	639	589	
		l/s	334	334	321	299	335	332	317	294	325	318	302	278	
	12	cfm	988	952	902	829	976	937	882	805	895	855	799	725	
		l/s	466	449	426	391	461	442	416	380	422	403	377	342	
15	cfm	1211	1180	1139	1082	1199	1165	1120	1059	1174	1134	1081	1013		
	l/s	571	557	537	511	566	550	529	500	554	535	510	478		
18	cfm	1406	1375	1302	1197	1401	1357	1276	1169	1357	1297	1211	1105		
	l/s	663	649	614	565	661	640	602	552	640	612	571	521		
21	cfm	1617	1579	1494	1373	1611	1558	1464	1341	1378	1348	1278	1177		
	l/s	763	745	705	648	760	735	691	633	650	636	603	555		
24	cfm	2015	1857	1679	1483	1959	1802	1628	1438	1855	1703	1537	1357		
	l/s	951	876	792	700	924	850	768	679	875	804	725	640		
Low	06	cfm	382	360	329	293	379	355	323	288	359	334	304	271	
		l/s	180	170	155	138	179	168	152	136	169	158	143	128	
	08	cfm	458	438	416	391	454	434	412	387	446	426	404	379	
		l/s	216	207	196	185	214	205	194	183	210	201	191	179	
	10	cfm	452	461	461	423	452	463	459	417	444	456	444	399	
		l/s	213	218	218	200	213	218	217	197	210	215	210	188	
	12	cfm	745	697	633	561	736	685	622	551	704	652	591	524	
		l/s	352	329	299	265	347	323	294	260	332	308	279	247	
15	cfm	925	883	836	782	915	873	825	771	895	852	804	750		
	l/s	437	417	395	369	432	412	389	364	422	402	379	354		
18	cfm	955	978	940	834	959	977	927	816	898	911	860	755		
	l/s	451	462	444	394	453	461	437	385	424	430	406	356		
21	cfm	1091	1117	1074	953	1096	1116	1060	933	888	911	889	797		
	l/s	515	527	507	450	517	527	500	440	419	430	420	376		
24	cfm	1884	1733	1553	1345	1838	1685	1507	1303	1748	1595	1422	1229		
	l/s	889	818	733	635	867	795	711	615	825	753	671	580		

Table 12



SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (60 Hz)

Model NYC

	Size	06	08	10	12	15	18	21	24
Nom	cfm	600	800	1000	1200	1500	1800	2100	2400
AFR	l/s	283	378	472	566	708	849	991	1133

Speed	DYC	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
		Pa	25	50	75	100	25	50	75	100	25	50	75	100
High	06	cfm	566	575	574	563	571	576	571	556	548	546	536	518
		l/s	267	271	271	266	269	272	269	262	259	258	253	244
	08	cfm	731	720	707	693	726	715	702	686	716	704	689	672
		l/s	345	340	334	327	343	337	331	324	338	332	325	317
	10	cfm	946	952	954	946	949	954	952	940	915	916	909	893
		l/s	446	449	450	446	448	450	449	444	432	432	429	421
	12	cfm	1117	1130	1122	1097	1126	1128	1112	1081	1096	1085	1058	1019
		l/s	527	533	529	518	531	532	525	510	517	512	499	481
15	cfm	1445	1424	1399	1370	1434	1411	1384	1353	1409	1383	1353	1318	
	l/s	682	672	660	647	677	666	653	638	665	653	638	622	
18	cfm	1806	1814	1809	1785	1811	1814	1800	1766	1832	1816	1782	1730	
	l/s	852	856	854	842	855	856	849	833	865	857	841	816	
21	cfm	2144	2151	2140	2106	2149	2148	2125	2079	1829	1832	1819	1786	
	l/s	1012	1015	1010	994	1014	1014	1003	981	863	865	858	843	
24	cfm	2509	2432	2334	2214	2469	2383	2279	2155	2379	2282	2170	2043	
	l/s	1184	1148	1101	1045	1165	1125	1075	1017	1123	1077	1024	964	
Medium	06	cfm	427	408	384	356	423	403	379	351	390	371	348	323
		l/s	202	193	181	168	200	190	179	166	184	175	164	152
	08	cfm	551	532	512	491	546	527	507	486	536	517	497	477
		l/s	260	251	242	232	258	249	239	229	253	244	235	225
	10	cfm	594	568	579	611	587	568	585	616	562	552	576	603
		l/s	280	268	273	288	277	268	276	291	265	260	272	285
	12	cfm	850	812	761	705	841	799	749	693	771	731	684	634
		l/s	401	383	359	333	397	377	353	327	364	345	323	299
15	cfm	1142	1103	1061	1017	1128	1089	1047	1003	1101	1062	1021	977	
	l/s	539	521	501	480	532	514	494	473	520	501	482	461	
18	cfm	1148	1126	1172	1230	1137	1131	1188	1236	1104	1124	1190	1210	
	l/s	542	531	553	580	537	534	561	583	521	530	562	571	
21	cfm	1319	1295	1350	1415	1306	1301	1369	1421	1123	1104	1152	1207	
	l/s	622	611	637	668	616	614	646	671	530	521	544	570	
24	cfm	2148	2078	1973	1837	2122	2041	1928	1787	2059	1960	1838	1695	
	l/s	1014	981	931	867	1001	963	910	843	972	925	867	800	
Low	06	cfm	308	282	255	228	305	279	252	226	288	264	239	214
		l/s	145	133	120	108	144	132	119	107	136	125	113	101
	08	cfm	427	403	379	356	423	399	376	353	415	392	369	347
		l/s	202	190	179	168	200	188	177	167	196	185	174	164
	10	cfm	498	426	378	355	487	420	375	354	462	402	363	346
		l/s	235	201	178	168	230	198	177	167	218	190	171	163
	12	cfm	598	546	493	441	590	539	487	436	566	517	468	420
		l/s	282	258	233	208	278	254	230	206	267	244	221	198
15	cfm	863	813	765	717	852	803	756	709	831	784	739	694	
	l/s	407	384	361	338	402	379	357	335	392	370	349	327	
18	cfm	975	854	775	740	952	841	769	738	877	777	714	687	
	l/s	460	403	366	349	449	397	363	348	414	367	337	324	
21	cfm	1114	976	886	845	1088	961	879	843	924	805	727	691	
	l/s	526	461	418	399	513	453	415	398	436	380	343	326	
24	cfm	1707	1697	1655	1565	1705	1689	1636	1536	1699	1665	1589	1476	
	l/s	806	801	781	739	805	797	772	725	802	786	750	697	

Table 13

SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (60 Hz)

Model DYP, DYE & DYF

	Size	06	08	10	12	15	18	21	24
Nom	cfm	600	800	1000	1200	1500	1800	2100	2400
AFR	l/s	283	378	472	566	708	849	991	1133

Speed	DYP DYE DYF	inwg Pa	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
High	06	cfm	572	576	569	554	575	574	564	546	548	542	528	508
		l/s	270	272	269	261	271	271	266	258	259	256	249	240
	08	cfm	725	713	700	685	720	708	694	677	710	697	681	663
		l/s	342	336	330	323	340	334	327	319	335	329	321	313
	10	cfm	950	954	951	938	952	954	947	929	916	914	902	881
		l/s	448	450	449	443	449	450	447	438	432	431	426	416
	12	cfm	1127	1127	1109	1076	1130	1121	1096	1058	1092	1072	1039	995
		l/s	532	532	523	508	533	529	517	499	515	506	490	470
15	cfm	1431	1408	1381	1349	1419	1395	1366	1332	1393	1365	1333	1294	
	l/s	675	664	652	637	670	658	645	629	657	644	629	611	
18	cfm	1812	1813	1797	1761	1814	1807	1782	1737	1824	1798	1754	1694	
	l/s	855	856	848	831	856	853	841	820	861	848	828	799	
21	cfm	2150	2146	2121	2072	2150	2136	2099	2040	1833	1828	1805	1762	
	l/s	1015	1013	1001	978	1015	1008	991	963	865	863	852	831	
24	cfm	2460	2373	2266	2140	2416	2322	2210	2082	2322	2219	2104	1976	
	l/s	1161	1120	1069	1010	1140	1096	1043	982	1096	1047	993	932	
Medium	06	cfm	422	402	377	350	418	397	372	345	385	365	342	318
		l/s	199	190	178	165	197	187	176	163	182	172	161	150
	08	cfm	544	525	505	484	539	520	501	480	529	511	491	471
		l/s	257	248	238	228	254	245	236	227	250	241	232	222
	10	cfm	585	568	587	618	579	569	593	622	556	555	584	606
		l/s	276	268	277	292	273	269	280	294	262	262	276	286
	12	cfm	837	795	744	689	827	783	732	678	759	718	671	623
		l/s	395	375	351	325	390	369	345	320	358	339	317	294
15	cfm	1124	1084	1043	999	1110	1071	1030	986	1084	1045	1004	960	
	l/s	530	512	492	471	524	505	486	465	512	493	474	453	
18	cfm	1134	1133	1194	1236	1127	1143	1210	1236	1102	1143	1205	1201	
	l/s	535	535	563	583	532	539	571	583	520	539	569	567	
21	cfm	1303	1304	1376	1422	1296	1317	1394	1421	1113	1109	1168	1212	
	l/s	615	615	649	671	612	621	658	671	525	523	551	572	
24	cfm	2115	2030	1914	1772	2083	1989	1869	1725	2013	1907	1781	1639	
	l/s	998	958	903	836	983	939	882	814	950	900	840	773	
Low	06	cfm	304	279	253	226	301	276	250	224	285	261	237	213
		l/s	143	132	119	107	142	130	118	106	134	123	112	101
	08	cfm	422	398	375	353	417	394	372	350	410	387	366	344
		l/s	199	188	177	167	197	186	176	165	193	183	173	162
	10	cfm	485	420	376	354	475	414	373	354	453	398	362	345
		l/s	229	198	177	167	224	195	176	167	214	188	171	163
	12	cfm	588	538	487	437	581	531	481	432	557	510	463	416
		l/s	277	254	230	206	274	251	227	204	263	241	218	196
15	cfm	848	800	753	707	837	790	745	699	818	773	729	685	
	l/s	400	378	355	334	395	373	352	330	386	365	344	323	
18	cfm	946	838	768	738	927	826	763	736	858	767	710	686	
	l/s	446	395	362	348	437	390	360	347	405	362	335	324	
21	cfm	1081	958	878	843	1059	944	872	841	905	796	723	690	
	l/s	510	452	414	398	500	445	411	397	427	376	341	326	
24	cfm	1704	1686	1629	1526	1702	1674	1606	1496	1690	1642	1556	1437	
	l/s	804	796	769	720	803	790	758	706	798	775	734	678	

Table 14



SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DYP - 3 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	667	315	18.67	5.47	13.81	4.05	3.73	0.24	9.74	29.11	572	270	17.24	5.05	12.47	3.65	3.45	0.22	8.41	25.12
		0.2	50	648	306	18.40	5.39	13.55	3.97	3.68	0.23	9.47	28.31	576	272	17.31	5.07	12.53	3.67	3.46	0.22	8.47	25.31
		0.3	75	625	295	18.06	5.29	13.23	3.88	3.61	0.23	9.16	27.38	569	269	17.19	5.04	12.42	3.64	3.44	0.22	8.36	24.99
	Medium	0.1	25	497	235	15.92	4.67	11.32	3.32	3.18	0.20	7.25	21.68	422	199	14.52	4.26	10.11	2.96	2.90	0.18	6.13	18.32
		0.2	50	480	227	15.61	4.57	11.05	3.24	3.12	0.20	7.00	20.91	402	190	14.14	4.14	9.78	2.87	2.83	0.18	5.83	17.43
		0.3	75	456	215	15.16	4.44	10.66	3.13	3.03	0.19	6.64	19.83	377	178	13.64	4.00	9.36	2.74	2.73	0.17	5.46	16.32
	Low	0.1	25	382	180	13.74	4.03	9.44	2.77	2.75	0.17	5.53	16.54	304	143	12.07	3.54	8.07	2.36	2.41	0.15	4.36	13.05
		0.2	50	360	170	13.29	3.90	9.07	2.66	2.66	0.17	5.21	15.57	279	132	11.49	3.37	7.60	2.23	2.30	0.14	3.98	11.91
		0.3	75	329	155	12.63	3.70	8.52	2.50	2.53	0.16	4.74	14.17	253	119	10.85	3.18	7.09	2.08	2.17	0.14	3.59	10.72
8	High	0.1	25	769	363	22.43	6.57	16.31	4.78	4.49	0.28	14.54	43.48	725	342	21.65	6.35	15.65	4.59	4.33	0.27	13.63	40.74
		0.2	50	745	352	22.00	6.45	15.95	4.68	4.40	0.28	14.04	41.98	713	336	21.44	6.28	15.47	4.53	4.29	0.27	13.39	40.02
		0.3	75	723	341	21.62	6.34	15.62	4.58	4.32	0.27	13.59	40.62	700	330	21.21	6.22	15.28	4.48	4.24	0.27	13.13	39.25
	Medium	0.1	25	585	276	19.43	5.69	13.60	3.99	3.89	0.25	11.17	33.38	544	257	18.75	5.52	12.98	3.80	3.75	0.24	10.46	31.27
		0.2	50	571	269	19.20	5.63	13.39	3.92	3.84	0.24	10.92	32.66	525	248	18.43	5.40	12.68	3.72	3.69	0.23	10.14	30.30
		0.3	75	552	260	18.88	5.53	13.10	3.84	3.78	0.24	10.60	31.68	505	238	18.09	5.30	12.37	3.63	3.62	0.23	9.79	29.27
	Low	0.1	25	458	216	17.16	5.03	11.59	3.40	3.43	0.22	8.89	26.58	422	199	16.35	4.79	10.94	3.21	3.27	0.21	8.13	24.31
		0.2	50	438	207	16.72	4.90	11.23	3.29	3.34	0.21	8.47	25.32	398	188	15.79	4.63	10.50	3.08	3.16	0.20	7.63	22.80
		0.3	75	416	196	16.21	4.75	10.83	3.18	3.24	0.20	8.01	23.93	375	177	15.23	4.46	10.07	2.95	3.05	0.19	7.14	21.35
10	High	0.1	25	996	470	29.38	8.61	21.31	6.24	5.88	0.37	14.08	42.09	950	448	28.58	8.38	20.62	6.04	5.72	0.36	13.38	39.99
		0.2	50	934	441	28.30	8.29	20.38	5.97	5.66	0.36	13.14	39.27	954	450	28.65	8.40	20.68	6.06	5.73	0.36	13.44	40.17
		0.3	75	859	405	27.17	7.96	19.31	5.66	5.43	0.34	12.19	36.44	951	449	28.59	8.38	20.63	6.05	5.72	0.36	13.39	40.04
	Medium	0.1	25	707	334	24.69	7.24	17.02	4.99	4.94	0.31	10.23	30.57	585	276	22.31	6.54	14.99	4.40	4.46	0.28	8.49	25.37
		0.2	50	707	334	24.69	7.24	17.02	4.99	4.94	0.31	10.23	30.57	568	268	21.92	6.43	14.69	4.31	4.38	0.28	8.22	24.56
		0.3	75	681	321	24.25	7.11	16.62	4.87	4.85	0.31	9.89	29.56	587	277	22.35	6.55	15.03	4.41	4.47	0.28	8.52	25.46
	Low	0.1	25	452	213	19.09	5.60	12.50	3.66	3.82	0.24	6.38	19.07	485	229	19.94	5.84	13.14	3.85	3.99	0.25	6.90	20.64
		0.2	50	461	218	19.33	5.66	12.67	3.71	3.87	0.24	6.52	19.50	420	198	18.24	5.35	11.85	3.47	3.65	0.23	5.87	17.53
		0.3	75	461	218	19.33	5.66	12.67	3.71	3.87	0.24	6.52	19.50	376	177	17.00	4.98	10.94	3.21	3.40	0.21	5.16	15.42
12	High	0.1	25	1280	604	34.17	10.01	25.72	7.54	6.83	0.43	6.95	20.78	1127	532	31.85	9.34	23.58	6.91	6.37	0.40	6.10	18.23
		0.2	50	1244	587	33.63	9.86	25.23	7.39	6.73	0.42	6.75	20.17	1127	532	31.85	9.34	23.58	6.91	6.37	0.40	6.10	18.23
		0.3	75	1199	566	32.95	9.66	24.60	7.21	6.59	0.42	6.50	19.42	1109	523	31.57	9.25	23.32	6.84	6.31	0.40	6.00	17.93
	Medium	0.1	25	988	466	29.58	8.67	21.54	6.31	5.92	0.37	5.32	15.89	837	395	26.95	7.90	19.21	5.63	5.39	0.34	4.47	13.36
		0.2	50	952	449	28.96	8.49	20.99	6.15	5.79	0.37	5.11	15.27	795	375	26.19	7.68	18.54	5.44	5.24	0.33	4.24	12.67
		0.3	75	902	426	28.09	8.23	20.22	5.93	5.62	0.35	4.83	14.43	744	351	25.26	7.40	17.72	5.19	5.05	0.32	3.96	11.84
	Low	0.1	25	745	352	25.28	7.41	17.74	5.20	5.06	0.32	3.97	11.86	588	277	22.23	6.52	15.09	4.42	4.45	0.28	3.13	9.35
		0.2	50	697	329	24.38	7.15	16.95	4.97	4.88	0.31	3.71	11.09	538	254	21.17	6.20	14.21	4.16	4.23	0.27	2.86	8.54
		0.3	75	633	299	23.14	6.78	15.87	4.65	4.63	0.29	3.37	10.07	487	230	20.02	5.87	13.27	3.89	4.00	0.25	2.58	7.70
15	High	0.1	25	1489	703	40.82	11.96	30.33	8.89	8.16	0.52	10.25	30.64	1431	675	39.93	11.70	29.51	8.65	7.99	0.50	9.84	29.41
		0.2	50	1452	685	40.25	11.80	29.81	8.74	8.05	0.51	9.99	29.85	1408	664	39.57	11.60	29.19	8.56	7.91	0.50	9.68	28.93
		0.3	75	1409	665	39.59	11.60	29.21	8.56	7.92	0.50	9.68	28.95	1381	652	39.16	11.48	28.81	8.44	7.83	0.49	9.49	28.36
	Medium	0.1	25	1211	571	36.59	10.73	26.41	7.74	7.32	0.46	8.37	25.01	1124	530	35.30	10.35	25.18	7.38	7.06	0.45	7.83	23.39
		0.2	50	1180	557	36.14	10.59	25.98	7.61	7.23	0.46	8.18	24.44	1084	512	34.58	10.14	24.56	7.20	6.92	0.44	7.53	22.51
		0.3	75	1139	537	35.53	10.41	25.40	7.44	7.11	0.45	7.92	23.68	1043	492	33.83	9.91	23.91	7.01	6.77	0.43	7.23	21.61
	Low	0.1	25	925	437	31.59	9.26	22.00	6.45	6.32	0.40	6.37	19.04	848	400	30.08	8.82	20.72	6.07	6.02	0.38	5.82	17.38
		0.2	50	883	417	30.78	9.02	21.31	6.24	6.16	0.39	6.07	18.14	800	378	29.11	8.53	19.91	5.83	5.82	0.37	5.47	16.35
		0.3	75	836	395	29.84	8.75	20.52	6.01	5.97	0.38	5.73	17.13	753	355	28.13	8.24	19.09	5.60	5.63	0.35	5.13	15.35
18	High	0.1	25	1828	863	52.01	15.24	38.23	11.20	10.40	0.66	9.42	28.16	1812	855	51.76	15.17	38.00	11.14	10.35	0.65	9.34	27.91
		0.2	50	1702	803	50.09	14.68	36.44	10.68	10.02	0.63	8.79	26.26	1813	856	51.78	15.18	38.01	11.14	10.36	0.65	9.34	27.93
		0.3	75	1558	735	47.96	14.06	34.42	10.09	9.59	0.61	8.10	24.22	1797	848	51.53	15.10	37.79	11.08	10.31	0.65	9.26	27.68
	Medium	0.1	25	1406	663	45.39	13.30	32.12	9.42	9.08	0.57	7.31	21.86	1134	535	40.18	11.78	27.68	8.11	8.04	0.51	5.83	17.44
		0.2	50	1375	649	44.81	13.13	31.63	9.27	8.96	0.57	7.14	21.35	1133	535	40.16	11.77	27.67	8.11	8.03	0.51	5.83	17.42
		0.3	75	1302	614	43.44	12.73	30.46	8.93	8.69	0.55	6.74	20.16	1194	563	41.36	12.12	28.69	8.41	8.27	0.52	6.16	18.41</

SKM Fan Coil Units

Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DYP - 4 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
				inwg	Pa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s
6	High	0.1	25	658	311	22.91	6.72	16.08	4.71	4.58	0.29	16.89	50.49	575	271	21.05	6.17	14.56	4.27	4.21	0.27	14.47	43.25
		0.2	50	638	301	22.46	6.58	15.71	4.60	4.49	0.28	16.28	48.67	574	271	21.03	6.16	14.54	4.26	4.21	0.27	14.44	43.17
		0.3	75	613	289	21.89	6.41	15.25	4.47	4.38	0.28	15.53	46.43	564	266	20.83	6.11	14.37	4.21	4.17	0.26	14.19	42.43
	Medium	0.1	25	492	232	19.32	5.66	13.08	3.83	3.86	0.24	12.36	36.95	418	197	17.64	5.17	11.69	3.43	3.53	0.22	10.47	31.31
		0.2	50	474	224	18.92	5.55	12.75	3.74	3.78	0.24	11.90	35.58	397	187	17.06	5.00	11.25	3.30	3.41	0.22	9.85	29.43
		0.3	75	448	211	18.34	5.38	12.26	3.59	3.67	0.23	11.24	33.60	372	176	16.34	4.79	10.71	3.14	3.27	0.21	9.10	27.21
	Low	0.1	25	379	179	16.54	4.85	10.86	3.18	3.31	0.21	9.31	27.83	301	142	14.18	4.15	9.12	2.67	2.84	0.18	7.03	21.00
		0.2	50	355	168	15.84	4.64	10.34	3.03	3.17	0.20	8.60	25.72	276	130	13.35	3.91	8.53	2.50	2.67	0.17	6.30	18.83
		0.3	75	323	152	14.87	4.36	9.63	2.82	2.97	0.19	7.67	22.92	250	118	12.45	3.65	7.90	2.32	2.49	0.16	5.55	16.60
8	High	0.1	25	757	357	26.47	7.76	18.58	5.45	5.29	0.33	11.62	34.73	720	340	25.71	7.53	17.94	5.26	5.14	0.32	11.01	32.91
		0.2	50	735	347	26.02	7.63	18.20	5.33	5.20	0.33	11.26	33.64	708	334	25.46	7.46	17.72	5.19	5.09	0.32	10.82	32.34
		0.3	75	712	336	25.54	7.49	17.79	5.22	5.11	0.32	10.88	32.53	694	327	25.18	7.38	17.48	5.12	5.04	0.32	10.60	31.69
	Medium	0.1	25	581	274	22.76	6.67	15.43	4.52	4.55	0.29	8.80	26.32	539	254	21.70	6.36	14.60	4.28	4.34	0.27	8.07	24.11
		0.2	50	566	267	22.39	6.56	15.14	4.44	4.48	0.28	8.54	25.52	520	245	21.21	6.22	14.22	4.17	4.24	0.27	7.73	23.12
		0.3	75	546	258	21.88	6.41	14.74	4.32	4.38	0.28	8.19	24.48	501	236	20.71	6.07	13.83	4.05	4.14	0.26	7.41	22.14
	Low	0.1	25	454	214	19.45	5.70	12.86	3.77	3.89	0.25	6.60	19.73	417	197	18.42	5.40	12.07	3.54	3.68	0.23	5.97	17.84
		0.2	50	434	205	18.90	5.54	12.44	3.65	3.78	0.24	6.26	18.71	394	186	17.75	5.20	11.57	3.39	3.55	0.22	5.58	16.68
		0.3	75	412	194	18.27	5.36	11.97	3.51	3.65	0.23	5.88	17.59	372	176	17.09	5.01	11.08	3.25	3.42	0.22	5.21	15.56
10	High	0.1	25	970	458	34.04	9.98	23.92	7.01	6.81	0.43	8.16	24.40	952	449	33.66	9.87	23.60	6.92	6.73	0.42	7.99	23.90
		0.2	50	906	428	32.65	9.57	22.76	6.67	6.53	0.41	7.56	22.59	954	450	33.70	9.88	23.63	6.93	6.74	0.43	8.01	23.95
		0.3	75	831	392	30.94	9.07	21.36	6.26	6.19	0.39	6.84	20.46	947	447	33.55	9.83	23.51	6.89	6.71	0.42	7.95	23.75
	Medium	0.1	25	709	335	28.04	8.22	19.02	5.57	5.61	0.35	5.71	17.07	579	273	24.72	7.25	16.40	4.81	4.94	0.31	4.53	13.54
		0.2	50	703	332	27.89	8.18	18.90	5.54	5.58	0.35	5.65	16.90	569	269	24.46	7.17	16.19	4.74	4.89	0.31	4.44	13.28
		0.3	75	671	317	27.10	7.94	18.27	5.35	5.42	0.34	5.36	16.04	593	280	25.10	7.36	16.69	4.89	5.02	0.32	4.66	13.92
	Low	0.1	25	452	213	21.12	6.19	13.65	4.00	4.22	0.27	3.39	10.14	475	224	21.81	6.39	14.16	4.15	4.36	0.28	3.60	10.76
		0.2	50	463	218	21.45	6.29	13.90	4.07	4.29	0.27	3.49	10.44	414	195	19.94	5.84	12.78	3.75	3.99	0.25	3.05	9.13
		0.3	75	459	217	21.33	6.25	13.81	4.05	4.27	0.27	3.46	10.33	373	176	18.59	5.45	11.81	3.46	3.72	0.23	2.69	8.03
12	High	0.1	25	1260	595	42.28	12.39	30.06	8.81	8.46	0.53	12.04	36.00	1130	533	39.59	11.60	27.78	8.14	7.92	0.50	10.67	31.89
		0.2	50	1220	576	41.45	12.15	29.36	8.61	8.29	0.52	11.61	34.71	1121	529	39.41	11.55	27.62	8.10	7.88	0.50	10.57	31.61
		0.3	75	1170	552	40.42	11.85	28.49	8.35	8.08	0.51	11.08	33.12	1096	517	38.89	11.40	27.18	7.97	7.78	0.49	10.32	30.85
	Medium	0.1	25	976	461	36.49	10.69	25.09	7.35	7.30	0.46	9.17	27.42	827	390	33.02	9.68	22.27	6.53	6.60	0.42	7.63	22.81
		0.2	50	937	442	35.69	10.46	24.40	7.15	7.14	0.45	8.81	26.33	783	369	31.89	9.35	21.39	6.27	6.38	0.40	7.16	21.39
		0.3	75	882	416	34.40	10.08	23.36	6.85	6.88	0.43	8.23	24.60	732	345	30.55	8.96	20.35	5.97	6.11	0.39	6.61	19.76
	Low	0.1	25	736	347	30.66	8.99	20.43	5.99	6.13	0.39	6.65	19.89	581	274	26.33	7.72	17.14	5.02	5.27	0.33	5.03	15.02
		0.2	50	685	323	29.29	8.58	19.38	5.68	5.86	0.37	6.12	18.28	531	251	24.80	7.27	16.01	4.69	4.96	0.31	4.50	13.46
		0.3	75	622	294	27.52	8.07	18.04	5.29	5.50	0.35	5.45	16.31	481	227	23.21	6.80	14.85	4.35	4.64	0.29	3.99	11.92
15	High	0.1	25	1468	693	48.42	14.19	34.71	10.17	9.68	0.61	8.25	24.66	1419	670	47.51	13.92	33.89	9.93	9.50	0.60	7.96	23.80
		0.2	50	1430	675	47.71	13.98	34.08	9.99	9.54	0.60	8.03	23.99	1395	658	47.06	13.79	33.49	9.82	9.41	0.59	7.82	23.38
		0.3	75	1382	652	46.79	13.71	33.26	9.75	9.36	0.59	7.74	23.14	1366	645	46.46	13.62	32.98	9.67	9.29	0.59	7.64	22.84
	Medium	0.1	25	1199	566	42.94	12.59	30.00	8.79	8.59	0.54	6.60	19.73	1110	524	40.92	11.99	28.35	8.31	8.18	0.52	6.04	18.04
		0.2	50	1165	550	42.18	12.36	29.38	8.61	8.44	0.53	6.38	19.08	1071	505	40.02	11.73	27.61	8.09	8.00	0.51	5.79	17.31
		0.3	75	1120	529	41.15	12.06	28.54	8.36	8.23	0.52	6.10	18.23	1030	486	39.07	11.45	26.83	7.86	7.81	0.49	5.54	16.56
	Low	0.1	25	915	432	36.32	10.64	24.61	7.21	7.26	0.46	4.84	14.46	837	395	34.37	10.07	23.06	6.76	6.87	0.43	4.37	13.06
		0.2	50	873	412	35.28	10.34	23.78	6.97	7.06	0.45	4.59	13.71	790	373	33.16	9.72	22.11	6.48	6.63	0.42	4.09	12.22
		0.3	75	825	389	34.06	9.98	22.82	6.69	6.81	0.43	4.30	12.85	745	352	31.97	9.37	21.17	6.21	6.39	0.40	3.82	11.43
18	High	0.1	25	1771	836	59.53	17.45	42.57	12.48	11.91	0.75	5.36	16.02	1814	856	60.38	17.70	43.31	12.70	12.08	0.76	5.50	16.44
		0.2	50	1643	775	56.96	16.70	40.33	11.82	11.39	0.72	4.94	14.75	1807	853	60.24	17.66	43.19	12.66	12.05	0.76	5.48	16.38
		0.3	75	1502	709	53.84	15.78	37.73	11.06	10.77	0.68	4.45	13.29	1782	841	59.75	17.51	42.76	12.53	11.95	0.75	5.39	16.13
	Medium	0.1	25	1401	661	51.53	15.10	35.84	10.50	10.31	0.65	4.10	12.25	1127	532	45.17	13.24	30.59	8.97	9.03	0.57	3.21	9.59
		0.2	50	1357	640	50.52	14.81	35.00	10.26	10.10	0.64	3.95	11.81	1143	539	45.55	13.35	30.91	9.06	9.11	0.57	3.26	9.74
		0.3	75	1276	602	48.66	14.26	33.46	9.81	9.73	0.61	3.68	11.01	1210	571	47.13	13.81	32.20	9.44	9.43	0.59	3.47	10.38
	Low	0.1	25	959	453	41.01	12.02	27.23	7.98	8.20	0.52	2.68	8.02	927	437	40.18	11.78	26.57	7.79	8.04	0.51	2.58	7.72
		0.2	50	977	461	41.47	12.16	27.60	8.09	8.29	0.52	2.74	8.19	826	390	37.43	10.97	24.43	7.16	7.49	0.47	2.27	6.77
		0.3	75	927	437	40.18	11.78	26.57	7.79	8.04	0.51	2.58	7.72	763	360	35.61	10.44	23.05	6.75	7.12	0.45	2.07	6.18
21	High	0.1	25	2056	970	70.51	20.67	49.90	14.63	14.10	0.89	7.73	23.12	2150	1015	72.29	21.19	51.49	15.09	14.46	0.91	8.10	24.21
		0.2	50	1906	899	67.36	19.74	47.23	13.84	13.47	0.85	7.10	21.24	2136	1008	72.03	21.11	51.25	15.02	14.41	0.91	8.05	24.05
		0.3	75	1739	821	63.65	18.66	44.17	12.95	12.73	0.80	6.39	19.12	2099	991	71.33	20.91	50.6					

SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DYP - 6 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	615	290	26.06	7.64	17.53	5.14	5.21	0.33	5.02	15.00	548	259	23.99	7.03	15.97	4.68	4.80	0.30	4.31	12.89
		0.2	50	593	280	25.40	7.44	17.03	4.99	5.08	0.32	4.79	14.31	542	256	23.80	6.98	15.83	4.64	4.76	0.30	4.25	12.70
		0.3	75	564	266	24.49	7.18	16.35	4.79	4.90	0.31	4.48	13.39	528	249	23.36	6.85	15.51	4.55	4.67	0.29	4.11	12.28
	Medium	0.1	25	453	214	21.03	6.16	13.75	4.03	4.21	0.27	3.39	10.12	385	182	18.82	5.52	12.11	3.55	3.76	0.24	2.76	8.26
		0.2	50	435	205	20.45	6.00	13.32	3.90	4.09	0.26	3.22	9.62	365	172	18.13	5.31	11.62	3.40	3.63	0.23	2.58	7.72
		0.3	75	409	193	19.61	5.75	12.70	3.72	3.92	0.25	2.98	8.91	342	161	17.27	5.06	11.01	3.23	3.45	0.22	2.36	7.06
	Low	0.1	25	359	169	17.93	5.25	11.47	3.36	3.59	0.23	2.53	7.56	285	134	14.86	4.36	9.40	2.75	2.97	0.19	1.80	5.37
		0.2	50	334	158	16.94	4.96	10.79	3.16	3.39	0.21	2.28	6.81	261	123	13.81	4.05	8.70	2.55	2.76	0.17	1.57	4.69
		0.3	75	304	143	15.68	4.59	9.94	2.91	3.14	0.20	1.98	5.92	237	112	12.73	3.73	7.99	2.34	2.55	0.16	1.35	4.05
8	High	0.1	25	737	348	32.07	9.40	21.35	6.26	6.41	0.40	7.85	23.45	710	335	31.26	9.16	20.74	6.08	6.25	0.39	7.49	22.38
		0.2	50	715	337	31.41	9.21	20.85	6.11	6.28	0.40	7.55	22.58	697	329	30.86	9.04	20.44	5.99	6.17	0.39	7.31	21.86
		0.3	75	689	325	30.61	8.97	20.25	5.94	6.12	0.39	7.20	21.53	681	321	30.35	8.90	20.06	5.88	6.07	0.38	7.09	21.21
	Medium	0.1	25	572	270	26.82	7.86	17.46	5.12	5.36	0.34	5.65	16.90	529	250	25.36	7.43	16.40	4.81	5.07	0.32	5.10	15.26
		0.2	50	556	262	26.28	7.70	17.07	5.00	5.26	0.33	5.45	16.29	511	241	24.74	7.25	15.95	4.68	4.95	0.31	4.88	14.58
		0.3	75	533	252	25.50	7.47	16.50	4.84	5.10	0.32	5.15	15.41	491	232	24.04	7.05	15.45	4.53	4.81	0.30	4.63	13.84
	Low	0.1	25	446	210	22.43	6.58	14.31	4.19	4.49	0.28	4.08	12.19	410	193	21.10	6.19	13.38	3.92	4.22	0.27	3.65	10.90
		0.2	50	426	201	21.70	6.36	13.79	4.04	4.34	0.27	3.84	11.48	387	183	20.22	5.93	12.77	3.74	4.04	0.26	3.38	10.09
		0.3	75	404	191	20.88	6.12	13.22	3.87	4.18	0.26	3.58	10.69	366	173	19.40	5.69	12.20	3.58	3.88	0.24	3.13	9.35
10	High	0.1	25	902	426	40.28	11.81	26.61	7.80	8.06	0.51	7.03	21.03	916	432	40.72	11.94	26.94	7.90	8.14	0.51	7.18	21.45
		0.2	50	840	396	38.29	11.22	25.14	7.37	7.66	0.48	6.41	19.16	914	431	40.66	11.92	26.89	7.88	8.13	0.51	7.16	21.39
		0.3	75	770	363	36.00	10.55	23.46	6.88	7.20	0.45	5.73	17.11	902	426	40.28	11.81	26.61	7.80	8.06	0.51	7.03	21.03
	Medium	0.1	25	689	325	33.25	9.75	21.46	6.29	6.65	0.42	5.95	14.80	556	262	28.49	8.35	18.08	5.30	5.70	0.36	3.73	11.15
		0.2	50	674	318	32.73	9.59	21.09	6.18	6.55	0.41	4.81	14.38	555	262	28.45	8.34	18.05	5.29	5.69	0.36	3.72	11.13
		0.3	75	639	302	31.50	9.23	20.21	5.92	6.30	0.40	4.48	13.41	584	276	29.52	8.65	18.81	5.51	5.90	0.37	3.98	11.91
	Low	0.1	25	444	210	24.08	7.06	15.05	4.41	4.82	0.30	2.75	8.21	453	214	24.46	7.17	15.30	4.49	4.89	0.31	2.82	8.44
		0.2	50	456	215	24.58	7.20	15.39	4.51	4.92	0.31	2.85	8.52	398	188	21.96	6.44	13.67	4.01	4.39	0.28	2.32	6.94
		0.3	75	444	210	24.08	7.06	15.05	4.41	4.82	0.30	2.75	8.21	362	171	20.20	5.92	12.54	3.68	4.04	0.25	1.99	5.96
12	High	0.1	25	1194	563	50.70	14.86	34.01	9.97	10.14	0.64	7.96	23.81	1092	515	47.69	13.98	31.72	9.30	9.54	0.60	7.12	21.27
		0.2	50	1148	542	49.36	14.47	32.98	9.67	9.87	0.62	7.58	22.66	1072	506	47.09	13.80	31.26	9.16	9.42	0.59	6.95	20.78
		0.3	75	1090	514	47.64	13.96	31.67	9.28	9.53	0.60	7.10	21.22	1039	490	46.08	13.51	30.50	8.94	9.22	0.58	6.68	19.96
	Medium	0.1	25	895	422	41.45	12.15	27.08	7.94	8.29	0.52	5.49	16.43	759	358	36.85	10.80	23.74	6.96	7.37	0.46	4.43	13.23
		0.2	50	855	403	40.13	11.76	26.12	7.65	8.03	0.51	5.18	15.47	718	339	35.41	10.38	22.71	6.66	7.08	0.45	4.11	12.30
		0.3	75	799	377	38.23	11.20	24.74	7.25	7.65	0.48	4.73	14.15	671	317	33.72	9.88	21.52	6.31	6.74	0.43	3.76	11.24
	Low	0.1	25	704	332	34.91	10.23	22.36	6.55	6.98	0.44	4.01	11.98	557	263	29.42	8.62	18.52	5.43	5.88	0.37	2.93	8.75
		0.2	50	652	308	33.03	9.68	21.03	6.16	6.61	0.42	3.62	10.82	510	241	27.53	8.07	17.23	5.05	5.51	0.35	2.59	7.75
		0.3	75	591	279	30.74	9.01	19.43	5.69	6.15	0.39	3.17	9.49	463	218	25.43	7.45	15.85	4.64	5.09	0.32	2.24	6.70
15	High	0.1	25	1426	673	60.47	17.72	40.56	11.89	12.09	0.76	9.11	27.23	1393	657	59.56	17.46	39.85	11.68	11.91	0.75	8.86	26.48
		0.2	50	1381	652	59.23	17.36	39.59	11.60	11.85	0.75	8.77	26.21	1365	644	58.79	17.23	39.24	11.50	11.76	0.74	8.65	25.84
		0.3	75	1323	624	57.53	16.86	38.29	11.22	11.51	0.73	8.31	24.84	1333	629	57.83	16.95	38.51	11.29	11.57	0.73	8.39	25.07
	Medium	0.1	25	1174	554	52.93	15.51	34.85	10.21	10.59	0.67	7.12	21.30	1084	512	50.01	14.66	32.70	9.58	10.00	0.63	6.42	19.18
		0.2	50	1134	535	51.64	15.14	33.90	9.93	10.33	0.65	6.81	20.35	1045	493	48.71	14.28	31.75	9.31	9.74	0.61	6.11	18.28
		0.3	75	1081	510	49.91	14.63	32.62	9.56	9.98	0.63	6.39	19.11	1004	474	47.34	13.88	30.76	9.01	9.47	0.60	5.80	17.34
	Low	0.1	25	895	422	43.60	12.78	28.06	8.22	8.72	0.55	4.99	14.90	818	386	40.84	11.97	26.10	7.65	8.17	0.52	4.42	13.21
		0.2	50	852	402	42.07	12.33	26.97	7.90	8.41	0.53	4.67	13.95	773	365	39.19	11.49	24.94	7.31	7.84	0.49	4.10	12.25
		0.3	75	804	379	40.33	11.82	25.74	7.54	8.07	0.51	4.32	12.91	729	344	37.53	11.00	23.78	6.97	7.51	0.47	3.79	11.32
18	High	0.1	25	1668	787	73.27	21.48	48.64	14.26	14.65	0.92	6.78	20.28	1824	861	77.89	22.83	52.16	15.29	15.58	0.98	7.60	22.70
		0.2	50	1543	728	69.36	20.33	45.73	13.40	13.87	0.88	6.13	18.33	1798	848	77.14	22.61	51.58	15.12	15.43	0.97	7.46	22.30
		0.3	75	1408	664	64.99	19.05	42.51	12.46	13.00	0.82	5.44	16.26	1754	828	75.84	22.23	50.59	14.83	15.17	0.96	7.23	21.61
	Medium	0.1	25	1357	640	63.31	18.56	41.28	12.10	12.66	0.80	5.18	15.49	1102	520	54.55	15.99	34.96	10.25	10.91	0.69	3.94	11.77
		0.2	50	1297	612	61.31	17.97	39.82	11.67	12.26	0.77	4.88	14.60	1143	539	56.00	16.41	33.99	10.55	11.20	0.71	4.13	12.36
		0.3	75	1211	571	58.37	17.11	37.69	11.05	11.67	0.74	4.46	13.33	1205	569	58.16	17.05	37.54	11.00	11.63	0.73	4.43	13.25
	Low	0.1	25	898	424	46.99	13.77	29.65	8.69	9.40	0.59	3.00	8.95	858	405	45.43	13.32	28.57	8.38	9.09	0.57	2.81	8.41
		0.2	50	911	430	47.50	13.92	30.00	8.79	9.50	0.60	3.05	9.13	767	362	41.73	12.23	26.06	7.64	8.35	0.53	2.41	7.20
		0.3	75	860	406	45.51	13.34	28.63	8.39	9.10	0.57	2.82	8.44	710	335	39.07	11.45	24.33	7.13	7.81	0.49	2.13	6.38
21	High	0.1	25	1804	851	82.20	24.09	53.89	15.80	16.44	1.04	8.89	26.57	1833	865	83.07	24.35	54.55	15.99	16.61	1.05	9.06	27.09
		0.2	50	1679	792	78.08	22.89	50.89	14.92	15.62	0.99	8.09	24.17	1828	863	82.93	24.31	54.44	15.96	16.59	1.05		

SKM Fan Coil Units

Hi-Static Fan Coil Units

Hot Water

Capacity Ratings (DYP - 1 Row)

Size	Speed	ESP		50 Hz								60 Hz							
				Air Flow Rate		Total Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Water Flow Rate		Water Pressure Drop	
				inwg	Pa	cfm	l/s	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	gpm	l/s
6	High	0.1	25	688	325	27.32	8.01	2.73	0.17	5.68	16.99	560	264	24.91	7.30	2.49	0.16	4.66	13.94
		0.2	50	669	316	26.97	7.91	2.70	0.17	5.53	16.52	573	270	25.18	7.38	2.52	0.16	4.77	14.26
		0.3	75	650	307	26.62	7.80	2.66	0.17	5.37	16.06	576	272	25.24	7.40	2.52	0.16	4.79	14.33
	Medium	0.1	25	509	240	23.88	7.00	2.39	0.15	4.27	12.77	429	202	22.25	6.52	2.23	0.14	3.71	11.10
		0.2	50	492	232	23.54	6.90	2.35	0.15	4.15	12.41	412	194	21.89	6.42	2.19	0.14	3.60	10.76
		0.3	75	472	223	23.13	6.78	2.31	0.15	4.01	11.99	388	183	21.36	6.26	2.14	0.13	3.44	10.27
	Low	0.1	25	388	183	21.36	6.26	2.14	0.13	3.44	10.27	312	147	19.52	5.72	1.95	0.12	2.91	8.71
		0.2	50	370	175	20.96	6.14	2.10	0.13	3.31	9.91	285	134	18.76	5.50	1.88	0.12	2.72	8.13
		0.3	75	340	160	20.24	5.93	2.02	0.13	3.11	9.29	258	122	17.94	5.26	1.79	0.11	2.53	7.55
8	High	0.1	25	801	378	33.01	9.68	3.30	0.21	8.91	26.62	735	347	31.76	9.31	3.18	0.20	8.13	24.29
		0.2	50	770	363	32.43	9.50	3.24	0.20	8.54	25.52	724	342	31.54	9.24	3.15	0.20	8.00	23.91
		0.3	75	745	352	31.95	9.36	3.19	0.20	8.24	24.64	712	336	31.30	9.18	3.13	0.20	7.86	23.49
	Medium	0.1	25	594	280	28.75	8.43	2.87	0.18	6.46	19.32	555	262	27.86	8.17	2.79	0.18	6.03	18.03
		0.2	50	580	274	28.43	8.33	2.84	0.18	6.31	18.85	536	253	27.42	8.04	2.74	0.17	5.82	17.41
		0.3	75	564	266	28.07	8.23	2.81	0.18	6.13	18.32	516	244	26.96	7.90	2.70	0.17	5.61	16.76
	Low	0.1	25	466	220	25.80	7.56	2.58	0.16	5.11	15.26	431	203	24.97	7.32	2.50	0.16	4.77	14.25
		0.2	50	446	210	25.34	7.43	2.53	0.16	4.91	14.68	406	192	24.35	7.14	2.43	0.15	4.52	13.52
		0.3	75	424	200	24.80	7.27	2.48	0.16	4.70	14.04	382	180	23.72	6.95	2.37	0.15	4.29	12.81
10	High	0.1	25	1044	493	42.02	12.32	4.20	0.27	3.20	9.57	944	445	40.26	11.80	4.03	0.25	2.96	8.85
		0.2	50	996	470	41.19	12.07	4.12	0.26	3.08	9.22	950	448	40.37	11.83	4.04	0.25	2.97	8.89
		0.3	75	925	437	39.91	11.70	3.99	0.25	2.91	8.71	954	450	40.44	11.85	4.04	0.26	2.98	8.92
	Medium	0.1	25	697	329	35.56	10.42	3.56	0.22	2.39	7.15	602	284	33.23	9.74	3.32	0.21	2.15	6.43
		0.2	50	710	335	35.82	10.50	3.58	0.23	2.42	7.23	570	269	32.37	9.49	3.24	0.20	2.07	6.19
		0.3	75	698	329	35.58	10.43	3.56	0.22	2.39	7.16	576	272	32.53	9.54	3.25	0.21	2.08	6.23
	Low	0.1	25	455	215	28.91	8.47	2.89	0.18	1.77	5.29	508	240	30.59	8.97	3.06	0.19	1.91	5.71
		0.2	50	458	216	29.01	8.50	2.90	0.18	1.78	5.32	434	205	28.20	8.27	2.82	0.18	1.72	5.13
		0.3	75	465	219	29.24	8.57	2.92	0.18	1.80	5.37	383	181	26.35	7.72	2.64	0.17	1.58	4.73
12	High	0.1	25	1320	623	50.15	14.70	5.02	0.32	4.54	13.58	1103	521	46.40	13.60	4.64	0.29	3.87	11.57
		0.2	50	1289	608	49.62	14.55	4.96	0.31	4.44	13.28	1127	532	46.79	13.71	4.68	0.30	3.94	11.77
		0.3	75	1252	591	48.99	14.36	4.90	0.31	4.33	12.93	1127	532	46.79	13.71	4.68	0.30	3.94	11.77
	Medium	0.1	25	1014	479	44.67	13.09	4.47	0.28	3.59	10.73	857	404	41.61	12.20	4.16	0.26	3.14	9.37
		0.2	50	980	462	44.00	12.90	4.40	0.28	3.49	10.42	821	387	40.89	11.99	4.09	0.26	3.04	9.08
		0.3	75	940	444	43.22	12.67	4.32	0.27	3.37	10.07	771	364	39.88	11.69	3.99	0.25	2.90	8.68
	Low	0.1	25	759	358	39.64	11.62	3.96	0.25	2.87	8.58	605	285	36.17	10.60	3.62	0.23	2.45	7.33
		0.2	50	722	341	38.85	11.39	3.89	0.25	2.77	8.28	553	261	34.72	10.18	3.47	0.22	2.30	6.87
		0.3	75	660	311	37.48	10.98	3.75	0.24	2.60	7.78	500	236	32.93	9.65	3.29	0.21	2.12	6.33
15	High	0.1	25	1539	726	59.35	17.39	5.93	0.37	6.67	19.95	1456	687	57.87	16.96	5.79	0.37	6.30	18.83
		0.2	50	1498	707	58.62	17.18	5.86	0.37	6.49	19.39	1435	677	57.49	16.85	5.75	0.36	6.20	18.55
		0.3	75	1459	689	57.92	16.98	5.79	0.37	6.31	18.87	1411	666	57.05	16.72	5.70	0.36	6.10	18.23
	Medium	0.1	25	1236	583	53.75	15.75	5.37	0.34	5.34	15.97	1154	545	52.01	15.24	5.20	0.33	4.97	14.87
		0.2	50	1207	570	53.14	15.57	5.31	0.34	5.21	15.57	1114	526	51.19	15.00	5.12	0.32	4.81	14.37
		0.3	75	1173	554	52.41	15.36	5.24	0.33	5.06	15.11	1072	506	50.33	14.75	5.03	0.32	4.64	13.86
	Low	0.1	25	947	447	47.78	14.00	4.78	0.30	4.16	12.44	872	411	46.20	13.54	4.62	0.29	3.89	11.62
		0.2	50	906	428	46.92	13.75	4.69	0.30	4.01	11.99	821	387	45.07	13.21	4.51	0.28	3.70	11.07
		0.3	75	859	405	45.91	13.46	4.59	0.29	3.84	11.48	772	364	43.95	12.88	4.40	0.28	3.53	10.54
18	High	0.1	25	1947	919	77.26	22.64	7.73	0.49	6.32	18.88	1801	850	74.58	21.86	7.46	0.47	5.83	17.44
		0.2	50	1838	867	75.27	22.06	7.53	0.47	5.96	17.80	1811	855	74.77	21.91	7.48	0.47	5.87	17.54
		0.3	75	1693	799	72.54	21.26	7.25	0.46	5.48	16.40	1813	856	74.80	21.92	7.48	0.47	5.87	17.56
	Medium	0.1	25	1398	660	66.47	19.48	6.65	0.42	4.54	13.58	1159	547	61.51	18.03	6.15	0.39	3.88	11.59
		0.2	50	1401	661	66.53	19.50	6.65	0.42	4.55	13.61	1124	530	60.75	17.81	6.08	0.38	3.78	11.31
		0.3	75	1353	638	65.55	19.21	6.56	0.41	4.42	13.20	1160	547	61.54	18.04	6.15	0.39	3.88	11.60
	Low	0.1	25	950	448	56.68	16.61	5.67	0.36	3.31	9.89	994	469	57.76	16.93	5.78	0.36	3.43	10.25
		0.2	50	973	459	57.25	16.78	5.73	0.36	3.37	10.08	867	409	54.52	15.98	5.45	0.34	3.08	9.20
		0.3	75	962	454	56.98	16.70	5.70	0.36	3.34	9.99	782	369	52.10	15.27	5.21	0.33	2.84	8.48
21	High	0.1	25	2284	1078	90.75	26.60	9.07	0.57	9.33	27.90	2138	1009	88.07	25.81	8.81	0.56	8.68	25.95
		0.2	50	2146	1013	88.22	25.86	8.82	0.56	8.72	26.05	2149	1014	88.27	25.87	8.83	0.56	8.73	26.09
		0.3	75	1973	931	84.93	24.89	8.49	0.54	7.96	23.80	2148	1014	88.25	25.87	8.83	0.56	8.72	26.08
	Medium	0.1	25	1609	759	77.22	22.63	7.72	0.49	6.38	19.08	1332	629	70.83	20.76	7.08	0.45	5.27	15.76
		0.2	50	1611	760	77.26	22.65	7.73	0.49	6.39	19.11	1293	610	69.96	20.50	7.00	0.44	5.13	15.34
		0.3	75	1553	733	75.96	22.26	7.60	0.48	6.15	18.39	1336	630	70.93	20.79	7.09	0.45	5.29	15.80
	Low	0.1	25	1086	512	65.02	19.06	6.50	0.41	4.40	13.14	1137	537	66.29	19.43	6.63	0.42	4.58	13.68
		0.2	50	1112	525	65.67	19.25	6.57	0.41	4.49	13.42	991	468	62.49	18.32	6.25	0.39	4.05	12.12
		0.3	75	1100	519	65.37	19.16	6.54	0.41	4.45	13.29	894	422	59.69	17.50	5.97	0.38	3.70	11.06
24	High	0.1	25	2309	1090	98.50	28.87	9.85	0.62	11.54	34.48	2543	1200	102.91	30.16	10.29	0.65	12.88	38.49
		0.2	50	2160	1019	95.72	28.06	9.57	0.60	10.74	32.12	2474	1167	101.61	29.78	10.16	0.64	12.47	37.27
		0.3	75	1989	939	92.34	27.06	9.23	0.58	9.84	29.41	2382	1124	99.88	29.27	9.99	0.63	11.94	35.70
	Medium	0.1	25	2142	1011	95.39	27.96	9.54	0.60	10.65	31.84	2167	1023	95.85	28.09	9.58	0.60	10.78	32.23
		0.2	50	1985	937	92.25	27.04	9.23	0.58	9.82	29.34	2107	994	94.74	27.77	9.47	0.60	10.48	31.32
		0.3	75</																

SKM Fan Coil Units Hi-Static Fan Coil Units

District Cooling FCU Models



Nominal Capacity Ratings

Models DCYC, DCYP, DCYE & DCYF

Chilled Water Coils

Size	Nominal Airflow Rate	3 Rows				4 Rows				6 Rows			
		Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop
		MBh	MBh	gpm	ftwg	MBh	MBh	gpm	ftwg	MBh	MBh	gpm	ftwg
cfm	MBh	MBh	gpm	ftwg	MBh	MBh	gpm	ftwg	MBh	MBh	gpm	ftwg	
l/s	kW	kW	l/s	kPa	kW	kW	l/s	kPa	kW	kW	l/s	kPa	
06	600	16.6	12.7	2.1	21.3	17.7	13.8	2.2	10.61	22.6	16.4	2.83	10.9
	283	4.9	3.7	0.1	63.8	5.2	4.1	0.1	31.7	6.6	4.8	0.2	32.6
08	800	18.6	15.5	2.3	10.0	22.1	17.8	2.8	8.23	32.2	22.7	4.03	22.3
	378	5.4	4.5	0.1	30.0	6.5	5.2	0.2	24.6	9.4	6.6	0.3	66.6
10	1000	23.6	19.6	3.0	9.2	32.5	24.2	4.1	20.54	38.1	27.4	4.76	13.3
	472	6.9	5.8	0.2	27.5	9.5	7.1	0.3	61.4	11.2	8.0	0.3	39.6
12	1200	30.4	24.2	3.8	14.2	33.2	26.6	4.2	7.39	43.0	31.8	5.38	7.7
	566	8.9	7.1	0.2	42.6	9.7	7.8	0.3	22.1	12.6	9.3	0.3	23.0
15	1500	32.7	28.0	4.1	6.3	44.7	34.4	5.6	13.66	56.5	40.8	7.07	13.7
	708	9.6	8.2	0.3	18.8	13.1	10.1	0.4	40.8	16.6	11.9	0.4	40.8
18	1800	46.9	36.9	5.9	14.9	53.5	41.5	6.7	11.3	65.7	48.2	8.21	7.9
	850	13.8	10.8	0.4	44.5	15.7	12.2	0.4	33.8	19.2	14.1	0.5	23.6
21	2100	48.9	40.8	6.1	8.3	59.6	47.2	7.5	8.35	79.8	57.5	9.97	12.1
	991	14.3	12.0	0.4	24.9	17.5	13.8	0.5	25.0	23.4	16.8	0.6	36.1
24	2400	60.8	48.4	7.6	13.2	72.7	55.7	9.1	12.76	96.7	68.0	12.08	18.3
	1133	17.8	14.2	0.5	39.3	21.3	16.3	0.6	38.1	28.3	19.9	0.8	54.6

Table 19

Notes:

Chilled water capacity ratings are based on nominal air flow rate; air entering temperature DB/WB 78/65°F (25.5/18.3°C), 42°F (5.5°C) entering chilled water temperature and 16°F (8.9°C) water temperature rise.

For conditions other than rated, use SKM FCU Computer Selection Software.

SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (50 Hz)

Model DCYC

	Size	06	08	10	12	15	18	21	24
Nom	cfm	600	800	1000	1200	1500	1800	2100	2400
AFR	l/s	283	378	472	566	708	849	991	1133

Speed	DCYC	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
		Pa	25	50	75	100	25	50	75	100	25	50	75	100
High	06	cfm	688	668	648	622	682	662	641	614	642	624	603	575
		l/s	325	315	306	293	322	313	302	290	303	294	284	271
	08	cfm	799	767	742	719	789	759	736	713	771	747	725	699
		l/s	377	362	350	339	372	358	347	336	364	352	342	330
	10	cfm	1053	1012	948	863	1044	997	929	844	992	942	875	794
		l/s	497	478	447	407	493	471	439	398	468	445	413	375
	12	cfm	1336	1298	1256	1202	1322	1284	1240	1183	1264	1226	1179	1119
		l/s	630	613	593	567	624	606	585	558	596	579	557	528
15	cfm	1563	1508	1463	1414	1541	1492	1448	1397	1506	1464	1418	1360	
	l/s	737	712	690	667	727	704	683	659	711	691	669	642	
18	cfm	1973	1876	1740	1576	1946	1839	1701	1537	1896	1776	1633	1472	
	l/s	931	885	821	744	918	868	803	725	895	838	771	695	
21	cfm	2318	2194	2029	1832	2281	2147	1979	1785	1984	1885	1750	1588	
	l/s	1094	1035	958	865	1076	1013	934	843	936	889	826	749	
24	cfm	2351	2207	2041	1851	2313	2168	2001	1813	2238	2091	1926	1743	
	l/s	1110	1042	963	873	1091	1023	944	855	1056	987	909	822	
Medium	06	cfm	512	495	478	454	508	493	475	450	472	458	441	417
		l/s	242	234	226	214	240	232	224	212	223	216	208	197
	08	cfm	598	584	569	551	595	581	566	547	590	577	561	540
		l/s	282	275	269	260	281	274	267	258	278	272	265	255
	10	cfm	691	709	703	671	694	710	700	664	678	689	675	637
		l/s	326	335	332	316	328	335	330	313	320	325	319	301
	12	cfm	1014	982	945	894	1007	975	937	883	934	905	868	816
		l/s	478	463	446	422	475	460	442	417	441	427	410	385
15	cfm	1234	1206	1173	1130	1227	1199	1165	1120	1214	1185	1147	1098	
	l/s	582	569	554	533	579	566	550	528	573	559	541	518	
18	cfm	1389	1406	1370	1287	1395	1403	1359	1270	1374	1368	1314	1221	
	l/s	655	663	647	607	658	662	641	599	649	646	620	576	
21	cfm	1598	1616	1574	1477	1606	1613	1561	1458	1355	1378	1350	1275	
	l/s	754	763	743	697	758	761	736	688	639	650	637	602	
24	cfm	2184	2033	1854	1647	2149	1996	1817	1613	2080	1926	1749	1552	
	l/s	1031	959	875	777	1014	942	857	761	982	909	825	732	
Low	06	cfm	390	382	359	326	390	380	356	323	375	363	339	308
		l/s	184	180	170	154	184	179	168	153	177	171	160	145
	08	cfm	476	457	437	415	473	455	435	413	469	451	431	408
		l/s	224	216	206	196	223	215	205	195	221	213	203	193
	10	cfm	460	455	466	447	458	455	466	445	447	447	456	432
		l/s	217	215	220	211	216	215	220	210	211	211	215	204
	12	cfm	765	744	696	631	764	739	689	624	746	716	665	601
		l/s	361	351	328	298	361	349	325	294	352	338	314	284
15	cfm	961	923	882	835	955	917	876	829	944	906	864	817	
	l/s	453	436	416	394	451	433	413	391	445	427	408	385	
18	cfm	951	967	972	899	950	970	968	890	887	905	904	833	
	l/s	449	456	459	424	448	458	457	420	419	427	427	393	
21	cfm	1087	1105	1111	1028	1086	1108	1107	1017	894	895	912	865	
	l/s	513	521	524	485	512	523	522	480	422	422	430	408	
24	cfm	2011	1885	1713	1499	1988	1856	1681	1469	1938	1796	1620	1414	
	l/s	949	890	809	708	938	876	793	693	915	848	765	667	

Table 20



SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (50 Hz)

Model DCYP, DCYE & DCYF

		Size	06	08	10	12	15	18	21	24					
		Nom AFR	cfm	600	800	1000	1200	1500	1800	2100	2400				
			l/s	283	378	472	566	708	849	991	1133				
Speed	DCYC	inwg	3 Rows				4 Rows				6 Rows				
			External Static Pressure												
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	
		Pa	25	50	75	100	25	50	75	100	25	50	75	100	
High	06	cfm	675	656	633	604	669	650	626	595	631	612	589	558	
		l/s	319	310	299	285	316	307	295	281	298	289	278	263	
	08	cfm	778	752	729	705	770	746	723	698	756	734	712	683	
		l/s	367	355	344	333	363	352	341	329	357	347	336	322	
	10	cfm	1032	978	906	821	1019	962	889	804	967	910	839	760	
		l/s	487	462	428	387	481	454	420	379	456	429	396	358	
	12	cfm	1309	1270	1222	1160	1296	1256	1205	1141	1239	1198	1145	1080	
		l/s	618	599	577	548	611	593	569	538	585	565	540	509	
15	cfm	1522	1477	1432	1376	1506	1463	1416	1357	1477	1434	1383	1317		
	l/s	718	697	676	650	711	690	668	640	697	677	653	622		
18	cfm	1914	1798	1655	1491	1882	1761	1618	1456	1824	1698	1555	1399		
	l/s	903	848	781	703	888	831	763	687	861	801	734	660		
21	cfm	2238	2095	1924	1730	2196	2049	1878	1688	1934	1820	1679	1518		
	l/s	1056	989	908	816	1036	967	886	797	912	859	793	716		
24	cfm	2269	2121	1953	1766	2232	2083	1916	1732	2159	2011	1847	1669		
	l/s	1071	1001	922	833	1053	983	904	817	1019	949	872	788		
Medium	06	cfm	504	489	470	444	501	486	466	439	467	452	433	408	
		l/s	238	231	222	209	237	229	220	207	220	213	205	192	
	08	cfm	592	578	563	543	589	576	560	539	585	571	554	531	
		l/s	279	273	266	256	278	272	264	254	276	269	261	251	
	10	cfm	699	710	695	655	702	710	691	649	684	687	666	624	
		l/s	330	335	328	309	331	335	326	306	323	324	314	294	
	12	cfm	998	966	925	869	991	959	916	857	922	891	850	794	
		l/s	471	456	437	410	468	452	432	404	435	420	401	375	
15	cfm	1219	1190	1154	1106	1213	1183	1145	1095	1200	1167	1126	1072		
	l/s	575	562	545	522	572	558	540	517	566	551	531	506		
18	cfm	1402	1397	1342	1248	1405	1391	1329	1231	1378	1352	1284	1185		
	l/s	662	659	633	589	663	656	627	581	650	638	606	559		
21	cfm	1613	1606	1541	1432	1616	1598	1526	1412	1368	1375	1332	1247		
	l/s	761	758	727	676	763	754	720	667	645	649	628	588		
24	cfm	2107	1951	1771	1571	2073	1916	1738	1541	2006	1850	1677	1487		
	l/s	994	921	836	741	978	904	820	727	947	873	791	702		
Low	06	cfm	390	377	352	319	389	375	349	317	373	358	333	302	
		l/s	184	178	166	151	184	177	165	149	176	169	157	142	
	08	cfm	471	452	432	410	469	450	430	407	464	446	426	403	
		l/s	222	213	204	193	221	212	203	192	219	210	201	190	
	10	cfm	456	456	465	442	455	457	465	439	445	449	455	427	
		l/s	215	215	220	208	215	216	219	207	210	212	215	201	
	12	cfm	762	731	680	615	759	726	674	608	740	703	650	587	
		l/s	360	345	321	290	358	343	318	287	349	332	307	277	
15	cfm	948	910	868	821	942	904	862	815	931	893	850	803		
	l/s	447	429	409	387	444	427	407	384	439	421	401	379		
18	cfm	950	973	963	878	950	975	958	869	887	909	896	816		
	l/s	448	459	454	414	448	460	452	410	418	429	423	385		
21	cfm	1086	1112	1100	1004	1086	1114	1095	993	890	899	910	854		
	l/s	512	525	519	474	513	526	517	469	420	424	430	403		
24	cfm	1957	1817	1640	1431	1931	1788	1610	1405	1879	1731	1555	1355		
	l/s	923	858	774	675	911	844	760	663	887	817	734	640		

Table 21

SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (60 Hz)

Model DCYC

	Size	06	08	10	12	15	18	21	24
Nom AFR	cfm	600	800	1000	1200	1500	1800	2100	2400
	l/s	283	378	472	566	708	849	991	1133

Speed	DCYC	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
			25	50	75	100	25	50	75	100	25	50	75	100
High	06	cfm	560	574	575	567	565	575	574	564	541	548	545	533
		l/s	264	271	272	268	266	271	271	266	255	259	257	252
	08	cfm	734	723	711	697	731	720	708	694	726	714	701	687
		l/s	346	341	336	329	345	340	334	327	342	337	331	324
	10	cfm	943	948	953	952	944	950	954	951	908	914	916	911
		l/s	445	448	450	449	445	448	450	449	429	431	432	430
	12	cfm	1108	1128	1126	1106	1116	1130	1122	1097	1091	1095	1081	1052
		l/s	523	532	531	522	527	533	530	518	515	517	510	496
15	cfm	1458	1435	1410	1381	1451	1428	1402	1372	1436	1412	1385	1352	
	l/s	688	677	665	652	685	674	662	647	678	666	654	638	
18	cfm	1797	1809	1814	1805	1800	1811	1813	1799	1826	1833	1825	1797	
	l/s	848	853	856	852	850	855	856	849	862	865	861	848	
21	cfm	2133	2146	2150	2135	2138	2149	2148	2125	1817	1828	1833	1822	
	l/s	1007	1013	1015	1007	1009	1014	1014	1003	857	863	865	860	
24	cfm	2561	2497	2413	2305	2541	2473	2383	2270	2499	2420	2321	2202	
	l/s	1209	1179	1139	1088	1199	1167	1125	1071	1179	1142	1095	1039	
Medium	06	cfm	434	421	401	376	433	419	398	374	403	389	370	347
		l/s	205	199	189	178	204	198	188	176	190	184	175	164
	08	cfm	561	543	524	505	558	540	521	502	552	535	516	497
		l/s	265	256	247	238	263	255	246	237	261	252	243	234
	10	cfm	613	574	571	599	607	572	573	603	583	553	558	589
		l/s	289	271	270	283	287	270	270	284	275	261	263	278
	12	cfm	864	835	793	743	860	829	786	736	800	769	729	683
		l/s	408	394	374	351	406	391	371	347	377	363	344	322
15	cfm	1155	1118	1079	1038	1147	1110	1071	1030	1132	1095	1056	1016	
	l/s	545	527	509	490	541	524	505	486	534	517	498	479	
18	cfm	1178	1126	1146	1209	1167	1124	1154	1217	1131	1102	1143	1202	
	l/s	556	531	541	571	551	531	544	574	534	520	539	567	
21	cfm	1352	1294	1320	1392	1340	1293	1328	1401	1167	1106	1116	1177	
	l/s	638	611	623	657	632	610	627	661	551	522	527	555	
24	cfm	2179	2128	2042	1918	2169	2111	2018	1889	2144	2072	1967	1832	
	l/s	1028	1004	964	905	1023	996	952	892	1012	978	928	864	
Low	06	cfm	327	301	274	246	325	299	273	244	310	286	260	234
		l/s	154	142	129	116	153	141	129	115	146	135	123	110
	08	cfm	446	421	397	373	443	419	395	371	438	414	391	368
		l/s	210	199	187	176	209	197	186	175	207	195	184	174
	10	cfm	528	450	394	362	520	446	392	361	500	432	382	353
		l/s	249	212	186	171	245	210	185	170	236	204	180	167
	12	cfm	635	585	532	477	630	581	528	474	610	563	512	460
		l/s	299	276	251	225	297	274	249	223	288	265	242	217
15	cfm	897	847	799	752	890	841	794	747	876	829	783	738	
	l/s	423	400	377	355	420	397	374	353	414	391	370	348	
18	cfm	1028	893	798	748	1012	883	793	747	946	827	743	698	
	l/s	485	421	377	353	478	417	374	352	447	390	350	329	
21	cfm	1175	1020	912	855	1157	1010	907	853	1002	863	763	706	
	l/s	555	481	430	404	546	476	428	403	473	407	360	333	
24	cfm	1714	1703	1680	1612	1711	1702	1673	1597	1707	1696	1655	1566	
	l/s	809	804	793	761	808	803	790	754	806	800	781	739	

Table 22

SKM Fan Coil Units Hi-Static Fan Coil Units

Air Flow Rates (60 Hz)

Model DCYP, DCYE & DCYF

	Size	06	08	10	12	15	18	21	24
Nom	cfm	600	800	1000	1200	1500	1800	2100	2400
AFR	l/s	283	378	472	566	708	849	991	1133

Speed	DCYC	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
		Pa	25	50	75	100	25	50	75	100	25	50	75	100
High	06	cfm	569	576	572	560	572	576	570	556	546	548	540	525
		l/s	268	272	270	264	270	272	269	262	258	258	255	248
	08	cfm	728	717	704	689	725	713	701	686	719	707	694	678
		l/s	343	338	332	325	342	337	331	324	339	334	327	320
	10	cfm	946	952	954	948	947	953	953	945	911	916	915	904
		l/s	446	449	450	447	447	450	450	446	430	432	432	427
	12	cfm	1123	1129	1116	1087	1127	1128	1110	1078	1096	1090	1067	1032
		l/s	530	533	527	513	532	532	524	509	517	514	504	487
15	cfm	1443	1419	1392	1361	1436	1412	1384	1351	1421	1395	1365	1330	
	l/s	681	670	657	642	677	666	653	638	671	658	644	628	
18	cfm	1804	1813	1811	1789	1807	1814	1807	1780	1832	1830	1810	1771	
	l/s	851	856	854	844	853	856	853	840	864	864	854	836	
21	cfm	2142	2151	2143	2112	2146	2151	2136	2098	1823	1832	1830	1809	
	l/s	1011	1015	1011	997	1013	1015	1008	990	860	864	863	854	
24	cfm	2519	2445	2349	2230	2497	2417	2317	2196	2450	2361	2254	2129	
	l/s	1189	1154	1108	1053	1179	1141	1094	1036	1156	1114	1064	1005	
Medium	06	cfm	431	416	394	370	429	413	392	367	400	384	365	342
		l/s	203	196	186	174	203	195	185	173	189	181	172	161
	08	cfm	554	536	518	498	551	533	515	496	546	528	510	490
		l/s	261	253	244	235	260	252	243	234	258	249	241	231
	10	cfm	600	570	576	607	595	569	579	611	573	551	564	596
		l/s	283	269	272	287	281	268	273	288	271	260	266	281
	12	cfm	854	821	777	727	850	814	770	720	791	757	716	670
		l/s	403	387	367	343	401	384	364	340	373	357	338	316
15	cfm	1137	1100	1061	1021	1130	1093	1054	1013	1115	1078	1040	999	
	l/s	537	519	501	482	533	516	497	478	526	509	491	472	
18	cfm	1155	1124	1165	1226	1147	1126	1174	1231	1116	1107	1163	1211	
	l/s	545	531	550	579	541	531	554	581	526	522	549	571	
21	cfm	1326	1293	1342	1411	1317	1295	1352	1417	1147	1102	1128	1191	
	l/s	626	610	633	666	622	611	638	669	541	520	532	562	
24	cfm	2155	2088	1986	1852	2141	2067	1960	1824	2110	2024	1908	1768	
	l/s	1017	985	937	874	1010	976	925	861	996	955	901	834	
Low	06	cfm	322	297	271	243	320	295	269	242	306	282	257	232
		l/s	152	140	128	115	151	139	127	114	144	133	121	109
	08	cfm	440	415	392	369	437	413	390	367	432	409	386	364
		l/s	207	196	185	174	206	195	184	173	204	193	182	172
	10	cfm	512	441	390	361	505	437	388	360	488	425	378	352
		l/s	241	208	184	170	238	206	183	170	230	201	179	166
	12	cfm	624	575	524	470	620	571	520	467	601	554	505	455
		l/s	294	271	247	222	292	270	245	221	284	261	238	215
15	cfm	881	833	787	741	874	827	782	736	862	816	772	727	
	l/s	416	393	371	350	412	390	369	347	407	385	364	343	
18	cfm	993	872	788	745	980	865	784	744	920	812	735	695	
	l/s	469	412	372	352	462	408	370	351	434	383	347	328	
21	cfm	1135	997	901	852	1120	988	896	850	976	850	757	704	
	l/s	536	470	425	402	528	466	423	401	461	401	357	332	
24	cfm	1708	1698	1661	1576	1707	1695	1651	1560	1704	1685	1628	1527	
	l/s	806	801	784	744	805	800	779	736	804	795	768	721	

Table 23

SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 3 Rows)

Size	Speed	ESP		50 Hz								60 Hz											
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	675	319	14.83	4.35	12.98	3.80	1.85	0.12	17.56	52.50	569	269	12.68	3.72	11.20	3.28	1.59	0.10	13.33	39.85
		0.2	50	656	310	14.39	4.22	12.65	3.71	1.80	0.11	16.67	49.84	576	272	12.80	3.75	11.31	3.32	1.60	0.10	13.55	40.51
		0.3	75	633	299	13.90	4.07	12.25	3.59	1.74	0.11	15.67	46.83	572	270	12.73	3.73	11.25	3.30	1.59	0.10	13.42	40.13
	Medium	0.1	25	504	238	11.82	3.47	10.27	3.01	1.48	0.09	11.78	35.22	431	203	11.00	3.22	9.25	2.71	1.38	0.09	10.37	31.01
		0.2	50	489	231	11.65	3.41	10.06	2.95	1.46	0.09	11.48	34.31	416	196	10.84	3.18	9.04	2.65	1.35	0.09	10.10	30.20
		0.3	75	470	222	11.43	3.35	9.79	2.87	1.43	0.09	11.10	33.18	394	186	10.60	3.18	8.73	2.56	1.32	0.08	9.71	29.02
	Low	0.1	25	390	184	10.55	3.09	8.68	2.54	1.32	0.08	9.64	28.80	322	152	9.73	2.85	7.67	2.25	1.22	0.08	8.36	24.99
		0.2	50	377	178	10.41	3.05	8.49	2.49	1.30	0.08	9.40	28.10	297	140	9.38	2.75	7.28	2.13	1.17	0.07	7.83	23.42
		0.3	75	352	166	10.11	2.96	8.13	2.38	1.26	0.08	8.94	26.73	271	128	8.97	2.63	6.84	2.01	1.12	0.07	7.23	21.62
8	High	0.1	25	778	367	15.29	4.48	14.34	4.20	1.91	0.12	7.11	21.27	728	344	14.62	4.28	13.63	4.00	1.83	0.12	6.57	19.63
		0.2	50	752	355	14.94	4.38	13.97	4.09	1.87	0.12	6.82	20.39	717	338	14.48	4.24	13.48	3.95	1.81	0.11	6.46	19.30
		0.3	75	729	344	14.63	4.29	13.65	4.00	1.83	0.12	6.58	19.67	704	332	14.31	4.19	13.29	3.90	1.79	0.11	6.33	18.91
	Medium	0.1	25	592	279	12.98	3.80	11.73	3.44	1.62	0.10	5.32	15.91	554	261	12.55	3.68	11.20	3.28	1.57	0.10	5.01	14.99
		0.2	50	578	273	12.82	3.76	11.54	3.38	1.60	0.10	5.21	15.57	536	253	12.35	3.62	10.95	3.21	1.54	0.10	4.87	14.56
		0.3	75	563	266	12.65	3.71	11.33	3.32	1.58	0.10	5.09	15.20	518	244	12.14	3.56	10.69	3.13	1.52	0.10	4.73	14.14
	Low	0.1	25	471	222	11.60	3.40	10.02	2.94	1.45	0.09	4.36	13.04	440	208	11.22	3.29	9.56	2.80	1.40	0.09	4.11	12.30
		0.2	50	452	213	11.37	3.33	9.74	2.85	1.42	0.09	4.21	12.59	415	196	10.91	3.20	9.18	2.69	1.36	0.09	3.91	11.69
		0.3	75	432	204	11.12	3.26	9.44	2.77	1.39	0.09	4.05	12.11	392	185	10.60	3.11	8.82	2.59	1.32	0.08	3.72	11.11
10	High	0.1	25	1032	487	20.32	5.95	19.05	5.58	2.54	0.16	7.07	21.13	946	446	19.18	5.62	17.83	5.23	2.40	0.15	6.38	19.07
		0.2	50	978	462	19.59	5.74	18.28	5.36	2.45	0.15	6.63	19.80	952	449	19.25	5.64	17.91	5.25	2.41	0.15	6.43	19.21
		0.3	75	906	428	18.68	5.47	17.27	5.06	2.33	0.15	6.09	18.21	954	450	19.28	5.65	17.94	5.26	2.41	0.15	6.44	19.25
	Medium	0.1	25	699	330	16.29	4.77	14.38	4.21	2.04	0.13	4.78	14.28	600	283	15.13	4.43	12.94	3.79	1.89	0.12	4.19	12.54
		0.2	50	710	335	16.41	4.81	14.53	4.26	2.05	0.13	4.84	14.48	570	269	14.76	4.32	12.49	3.66	1.84	0.12	4.01	12.00
		0.3	75	695	328	16.24	4.76	14.32	4.20	2.03	0.13	4.76	14.22	576	272	14.83	4.35	12.59	3.69	1.85	0.12	4.05	12.10
	Low	0.1	25	456	215	13.15	3.85	10.68	3.13	1.64	0.10	3.27	9.78	512	242	13.98	4.10	11.60	3.40	1.75	0.11	3.65	10.91
		0.2	50	456	215	13.15	3.85	10.68	3.13	1.64	0.10	3.27	9.78	441	208	12.90	3.78	10.42	3.06	1.61	0.10	3.17	9.46
		0.3	75	465	219	13.29	3.90	10.83	3.17	1.66	0.10	3.33	9.97	390	184	12.08	3.54	9.55	2.80	1.51	0.10	2.82	8.42
12	High	0.1	25	1309	618	26.63	7.81	24.17	7.08	3.33	0.21	11.25	33.62	1123	530	23.27	6.82	21.24	6.22	2.91	0.18	8.85	26.46
		0.2	50	1270	599	25.78	7.56	23.50	6.89	3.22	0.20	10.62	31.75	1129	533	23.35	6.84	21.32	6.25	2.92	0.18	8.91	26.64
		0.3	75	1222	577	24.82	7.27	22.71	6.66	3.10	0.20	9.93	29.67	1116	527	23.16	6.79	21.13	6.19	2.90	0.18	8.78	26.26
	Medium	0.1	25	998	471	21.57	6.32	19.44	5.70	2.70	0.17	7.74	23.14	854	403	19.86	5.82	17.42	5.11	2.48	0.16	6.69	19.98
		0.2	50	966	456	21.17	6.20	18.99	5.57	2.65	0.17	7.49	22.38	821	387	19.49	5.71	16.96	4.97	2.44	0.15	6.47	19.33
		0.3	75	925	437	20.68	6.06	18.42	5.40	2.58	0.16	7.18	21.47	777	367	19.00	5.57	16.35	4.79	2.37	0.15	6.18	18.47
	Low	0.1	25	762	360	18.83	5.52	16.14	4.73	2.35	0.15	6.08	18.19	624	294	17.22	5.05	14.13	4.14	2.15	0.14	5.19	15.52
		0.2	50	731	345	18.48	5.42	15.70	4.60	2.31	0.15	5.89	17.60	575	271	16.57	4.86	13.38	3.92	2.07	0.13	4.85	14.51
		0.3	75	680	321	17.90	5.25	14.96	4.39	2.24	0.14	5.56	16.62	524	247	15.83	4.64	12.56	3.68	1.98	0.12	4.48	13.38
15	High	0.1	25	1522	718	25.27	7.41	25.27	7.41	3.16	0.20	3.98	11.90	1443	681	24.31	7.13	24.31	7.13	3.04	0.19	3.72	11.11
		0.2	50	1477	697	24.72	7.25	24.72	7.25	3.09	0.19	3.83	11.45	1419	670	24.03	7.04	24.03	7.04	3.00	0.19	3.64	10.88
		0.3	75	1432	676	24.18	7.09	24.18	7.09	3.02	0.19	3.68	11.00	1392	657	23.71	6.95	23.71	6.95	2.96	0.19	3.55	10.62
	Medium	0.1	25	1219	575	23.95	7.02	22.73	6.66	2.99	0.19	3.62	10.81	1137	537	23.00	6.74	21.60	6.33	2.87	0.18	3.37	10.06
		0.2	50	1190	562	21.38	6.27	21.38	6.27	2.67	0.17	2.96	8.84	1100	519	22.58	6.62	21.09	6.18	2.82	0.18	3.26	9.74
		0.3	75	1154	545	23.19	6.80	21.83	6.40	2.90	0.18	3.42	10.22	1061	501	22.14	6.49	20.55	6.02	2.77	0.17	3.15	9.40
	Low	0.1	25	948	447	20.86	6.11	18.97	5.56	2.61	0.16	2.83	8.46	881	416	20.08	5.89	18.01	5.28	2.51	0.16	2.65	7.91
		0.2	50	910	429	20.42	5.99	18.42	5.40	2.55	0.16	2.73	8.15	833	393	19.51	5.72	17.31	5.07	2.44	0.15	2.51	7.51
		0.3	75	868	410	19.93	5.84	17.82	5.22	2.49	0.16	2.61	7.80	787	371	18.94	5.55	16.62	4.87	2.37	0.15	2.38	7.13
18	High	0.1	25	1914	903	39.86	11.68	35.92	10.53	4.98	0.31	11.15	33.33	1804	851	37.59	11.02	34.08	9.99	4.70	0.30	10.05	30.03
		0.2	50	1798	848	37.48	10.99	33.98	9.96	4.69	0.30	10.00	29.88	1813	856	37.77	11.07	34.23	10.03	4.72	0.30	10.13	30.28
		0.3	75	1655	781	35.36	10.36	31.88	9.34	4.42	0.28	9.01	26.95	1811	855	37.73	11.06	34.19	10.02	4.72	0.30	10.11	30.23
	Medium	0.1	25	1402	662	32.15	9.42	28.29	8.29	4.02	0.25	7.61	22.76	1155	545	29.37	8.61	24.84	7.28	3.67	0.23	6.49	19.39
		0.2	50	1397	659	32.09	9.41	28.22	8.27	4.01	0.25	7.59	22.69	1124	530	29.03	8.51	24.40	7.15	3.63	0.23	6.35	18.99
		0.3	75	1342	633	31.46	9.22	27.46	8.05	3.93	0.25	7.33	21.90	1165	550	29.49	8.64	24.98	7.32	3.69	0.23	6.53	19.52
	Low	0.1	25	950	448																		

SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 3 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	675	319	18.74	5.49	14.21	4.16	2.34	0.15	26.57	79.43	569	269	15.75	4.62	12.15	3.56	1.97	0.12	19.55	58.43
		0.2	50	656	310	18.16	5.32	13.83	4.05	2.27	0.14	25.15	75.17	576	272	15.92	4.67	12.28	3.60	1.99	0.13	19.93	59.57
		0.3	75	633	299	17.48	5.12	13.37	3.92	2.18	0.14	23.50	70.23	572	270	15.83	4.64	12.21	3.58	1.98	0.12	19.71	58.92
	Medium	0.1	25	504	238	14.35	4.20	11.03	3.23	1.79	0.11	16.57	49.54	431	203	13.20	3.87	9.91	2.91	1.65	0.10	14.31	42.78
		0.2	50	489	231	14.08	4.13	10.79	3.16	1.76	0.11	16.03	47.91	416	196	13.01	3.81	9.70	2.84	1.63	0.10	13.95	41.69
		0.3	75	470	222	13.76	4.03	10.49	3.08	1.72	0.11	15.40	46.03	394	186	12.75	3.74	9.39	2.75	1.59	0.10	13.46	40.25
	Low	0.1	25	390	184	12.71	3.72	9.34	2.74	1.59	0.10	13.38	39.99	322	152	11.82	3.46	8.34	2.45	1.48	0.09	11.78	35.20
		0.2	50	377	178	12.56	3.68	9.16	2.68	1.57	0.10	13.11	39.20	297	140	11.41	3.35	7.94	2.33	1.43	0.09	11.07	33.09
		0.3	75	352	166	12.25	3.59	8.80	2.58	1.53	0.10	12.54	37.49	271	128	10.92	3.20	7.49	2.19	1.37	0.09	10.24	30.62
8	High	0.1	25	778	367	18.18	5.33	15.15	4.44	2.27	0.14	9.67	28.89	728	344	17.33	5.08	14.40	4.22	2.17	0.14	8.88	26.56
		0.2	50	752	355	17.73	5.20	14.76	4.32	2.22	0.14	9.25	27.64	717	338	17.16	5.03	14.23	4.17	2.15	0.14	8.73	26.09
		0.3	75	729	344	17.35	5.09	14.41	4.22	2.17	0.14	8.90	26.60	704	332	16.96	4.97	14.04	4.11	2.12	0.13	8.54	25.54
	Medium	0.1	25	592	279	15.39	4.51	12.42	3.64	1.92	0.12	7.19	21.50	554	261	14.90	4.37	11.88	3.48	1.86	0.12	6.79	20.31
		0.2	50	578	273	15.21	4.46	12.22	3.58	1.90	0.12	7.04	21.05	536	253	14.67	4.30	11.62	3.41	1.83	0.12	6.61	19.77
		0.3	75	563	266	15.01	4.40	12.01	3.52	1.88	0.12	6.89	20.58	518	244	14.45	4.23	11.36	3.33	1.81	0.11	6.43	19.23
	Low	0.1	25	471	222	13.85	4.06	10.68	3.13	1.73	0.11	5.97	17.84	440	208	13.44	3.94	10.22	3.00	1.68	0.11	5.66	16.92
		0.2	50	452	213	13.60	3.99	10.40	3.05	1.70	0.11	5.78	17.28	415	196	13.09	3.84	9.84	2.88	1.64	0.10	5.40	16.15
		0.3	75	432	204	13.33	3.91	10.10	2.96	1.67	0.11	5.58	16.68	392	185	12.75	3.74	9.48	2.78	1.59	0.10	5.16	15.41
10	High	0.1	25	1032	487	24.14	7.08	20.12	5.90	3.02	0.19	9.60	28.69	946	446	22.72	6.66	18.83	5.52	2.84	0.18	8.62	25.77
		0.2	50	978	462	23.23	6.81	19.30	5.66	2.90	0.18	8.97	26.80	952	449	22.82	6.69	18.92	5.54	2.85	0.18	8.68	25.96
		0.3	75	906	428	22.12	6.48	18.24	5.35	2.77	0.17	8.22	24.57	954	450	22.85	6.70	18.95	5.55	2.86	0.18	8.71	26.02
	Medium	0.1	25	699	330	19.37	5.68	15.27	4.48	2.42	0.15	6.50	19.42	600	283	18.10	5.30	13.83	4.05	2.26	0.14	5.76	17.22
		0.2	50	710	335	19.51	5.72	15.43	4.52	2.44	0.15	6.58	19.66	570	269	17.69	5.18	13.38	3.92	2.21	0.14	5.53	16.53
		0.3	75	695	328	19.32	5.66	15.21	4.46	2.41	0.15	6.47	19.33	576	272	17.77	5.21	13.47	3.95	2.22	0.14	5.58	16.68
	Low	0.1	25	456	215	15.90	4.66	11.55	3.38	1.99	0.13	4.58	13.69	512	242	16.84	4.94	12.47	3.66	2.10	0.13	5.07	15.15
		0.2	50	456	215	15.90	4.66	11.55	3.38	1.99	0.13	4.58	13.69	441	208	15.62	4.58	11.29	3.31	1.95	0.12	4.44	13.27
		0.3	75	465	219	16.06	4.71	11.70	3.43	2.01	0.13	4.66	13.94	390	184	14.58	4.27	10.35	3.03	1.82	0.12	3.93	11.75
12	High	0.1	25	1309	618	33.35	9.78	26.23	7.69	4.17	0.26	16.78	50.15	1123	530	28.47	8.34	22.79	6.68	3.56	0.22	12.66	37.85
		0.2	50	1270	599	32.29	9.46	25.50	7.48	4.04	0.25	15.84	47.35	1129	533	28.61	8.39	22.90	6.71	3.58	0.22	12.78	38.19
		0.3	75	1222	577	30.99	9.08	24.61	7.21	3.87	0.24	14.73	44.03	1116	527	28.30	8.29	22.67	6.64	3.54	0.22	12.53	37.46
	Medium	0.1	25	998	471	25.80	7.56	20.67	6.06	3.23	0.20	10.64	31.79	854	403	23.69	6.94	18.54	5.44	2.96	0.19	9.14	27.33
		0.2	50	966	456	25.23	7.40	20.17	5.91	3.15	0.20	10.22	30.56	821	387	23.28	6.82	18.08	5.30	2.91	0.18	8.86	26.48
		0.3	75	925	437	24.63	7.22	19.56	5.73	3.08	0.19	9.79	29.27	777	367	22.73	6.66	17.45	5.12	2.84	0.18	8.49	25.39
	Low	0.1	25	762	360	22.54	6.61	17.24	5.05	2.82	0.18	8.37	25.02	624	294	20.78	6.09	15.23	4.46	2.60	0.16	7.24	21.65
		0.2	50	731	345	22.16	6.50	16.80	4.92	2.77	0.17	8.12	24.28	575	271	20.06	5.88	14.47	4.24	2.51	0.16	6.80	20.34
		0.3	75	680	321	21.52	6.31	16.06	4.71	2.69	0.17	7.71	23.04	524	247	19.22	5.63	13.64	4.00	2.40	0.15	6.31	18.86
15	High	0.1	25	1522	718	33.06	9.69	28.36	8.31	4.13	0.26	6.43	19.21	1443	681	31.67	9.28	27.17	7.96	3.96	0.25	5.95	17.79
		0.2	50	1477	697	32.25	9.45	27.68	8.11	4.03	0.25	6.15	18.38	1419	670	31.27	9.16	26.81	7.86	3.91	0.25	5.82	17.39
		0.3	75	1432	676	31.48	9.23	27.00	7.91	3.94	0.25	5.89	17.61	1392	657	30.82	9.03	26.41	7.74	3.85	0.24	5.67	16.96
	Medium	0.1	25	1219	575	28.21	8.27	23.90	7.01	3.53	0.22	4.84	14.48	1137	537	27.09	7.94	22.73	6.66	3.39	0.21	4.51	13.47
		0.2	50	1190	562	27.81	8.15	23.49	6.88	3.48	0.22	4.72	14.11	1100	519	26.60	7.80	22.21	6.51	3.32	0.21	4.36	13.04
		0.3	75	1154	545	27.31	8.01	22.98	6.73	3.41	0.22	4.57	13.67	1061	501	26.08	7.65	21.66	6.35	3.26	0.21	4.21	12.59
	Low	0.1	25	948	447	24.64	7.22	20.04	5.87	3.08	0.19	3.81	11.38	881	416	23.78	6.97	19.07	5.59	2.97	0.19	3.57	10.68
		0.2	50	910	429	24.15	7.08	19.49	5.71	3.02	0.19	3.67	10.98	833	393	23.15	6.78	18.36	5.38	2.89	0.18	3.41	10.18
		0.3	75	868	410	23.61	6.92	18.88	5.53	2.95	0.19	3.53	10.54	787	371	22.52	6.60	17.67	5.18	2.82	0.18	3.24	9.70
18	High	0.1	25	1914	903	50.07	14.67	39.09	11.46	6.26	0.39	16.71	49.96	1804	851	47.04	13.79	37.00	10.84	5.88	0.37	14.96	44.73
		0.2	50	1798	848	46.88	13.74	36.89	10.81	5.86	0.37	14.87	44.46	1813	856	47.28	13.86	37.17	10.89	5.91	0.37	15.10	45.13
		0.3	75	1655	781	43.32	12.70	34.28	10.05	5.41	0.34	12.92	38.63	1811	855	47.23	13.84	37.13	10.88	5.90	0.37	15.07	45.04
	Medium	0.1	25	1402	662	38.46	11.27	30.14	8.84	4.81	0.30	10.46	31.28	1155	545	35.27	10.34	26.61	7.80	4.41	0.28	8.97	26.82
		0.2	50	1397	659	38.39	11.25	30.07	8.81	4.80	0.30	10.43	31.17	1124	530	34.89	10.23	26.17	7.67	4.36	0.28	8.80	26.31
		0.3	75	1342	633	37.60	11.02	29.25	8.57	4.70	0.30	10.05	30.04	1165	550	35.39	10.37	26.75	7.84	4.42	0.28	9.03	26.98

SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 4 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	669	316	16.14	4.73	14.21	4.17	2.02	0.13	9.05	27.04	572	270	14.46	4.24	12.55	3.68	1.81	0.11	7.45	22.28
		0.2	50	650	307	15.79	4.63	13.88	4.07	1.97	0.12	8.70	26.02	576	272	14.53	4.26	12.62	3.70	1.82	0.11	7.51	22.46
		0.3	75	626	295	15.37	4.50	13.47	3.95	1.92	0.12	8.29	24.79	570	269	14.43	4.23	12.51	3.67	1.80	0.11	7.43	22.20
	Medium	0.1	25	501	236	13.36	3.92	11.36	3.33	1.67	0.11	6.48	19.38	429	202	12.27	3.60	10.14	2.97	1.53	0.10	5.58	16.67
		0.2	50	486	229	13.14	3.85	11.11	3.26	1.64	0.10	6.29	18.80	413	195	12.03	3.53	9.87	2.89	1.50	0.09	5.38	16.09
		0.3	75	466	220	12.84	3.76	10.77	3.16	1.60	0.10	6.04	18.04	392	185	11.69	3.43	9.50	2.79	1.46	0.09	5.12	15.31
	Low	0.1	25	389	184	11.65	3.41	9.45	2.77	1.46	0.09	5.08	15.20	320	151	10.44	3.06	8.19	2.40	1.31	0.08	4.19	12.54
		0.2	50	375	177	11.42	3.35	9.20	2.70	1.43	0.09	4.91	14.67	295	139	9.95	2.92	7.71	2.26	1.24	0.08	3.85	11.51
		0.3	75	349	165	10.97	3.22	8.73	2.56	1.37	0.09	4.58	13.68	269	127	9.39	2.75	7.18	2.10	1.17	0.07	3.48	10.39
8	High	0.1	25	770	363	18.20	5.34	16.26	4.77	2.28	0.14	5.82	17.39	725	342	17.48	5.12	15.51	4.54	2.18	0.14	5.41	16.18
		0.2	50	746	352	17.81	5.22	15.86	4.65	2.23	0.14	5.60	16.74	713	336	17.29	5.07	15.31	4.49	2.16	0.14	5.31	15.88
		0.3	75	723	341	17.44	5.11	15.47	4.53	2.18	0.14	5.40	16.13	701	331	17.10	5.01	15.11	4.43	2.14	0.13	5.21	15.57
	Medium	0.1	25	589	278	16.41	4.52	13.25	3.88	1.93	0.12	4.33	12.95	551	260	14.84	4.35	12.61	3.70	1.86	0.12	4.06	12.12
		0.2	50	576	272	15.22	4.46	13.03	3.82	1.90	0.12	4.24	12.67	533	252	14.57	4.27	12.31	3.61	1.82	0.11	3.93	11.73
		0.3	75	560	264	14.98	4.39	12.76	3.74	1.87	0.12	4.12	12.32	515	243	14.30	4.19	12.00	3.52	1.79	0.11	3.79	11.34
	Low	0.1	25	469	221	13.57	3.98	11.20	3.28	1.70	0.11	3.46	10.35	437	206	13.04	3.82	10.63	3.12	1.63	0.10	3.22	9.64
		0.2	50	450	212	13.26	3.89	10.86	3.18	1.66	0.10	3.32	9.93	413	195	12.62	3.70	10.19	2.99	1.58	0.10	3.04	9.10
		0.3	75	430	203	12.92	3.79	10.50	3.08	1.61	0.10	3.17	9.48	390	184	12.21	3.58	9.76	2.86	1.53	0.10	2.87	8.58
10	High	0.1	25	1019	481	26.76	7.84	22.59	6.62	3.34	0.21	14.54	43.45	947	447	25.07	7.35	21.18	6.21	3.13	0.20	12.96	38.73
		0.2	50	962	454	25.40	7.45	21.46	6.29	3.18	0.20	13.26	39.64	953	450	25.20	7.39	21.29	6.24	3.15	0.20	13.08	39.09
		0.3	75	889	420	24.04	7.05	20.16	5.91	3.00	0.19	12.03	35.96	953	450	25.20	7.39	21.29	6.24	3.15	0.20	13.08	39.09
	Medium	0.1	25	702	331	21.07	6.18	16.98	4.98	2.63	0.17	9.54	28.51	595	281	19.39	5.68	15.14	4.44	2.42	0.15	8.23	24.60
		0.2	50	710	335	21.20	6.21	17.12	5.02	2.65	0.17	9.64	28.80	569	269	18.94	5.55	14.67	4.30	2.37	0.15	7.90	23.62
		0.3	75	691	326	20.91	6.13	16.80	4.92	2.61	0.16	9.40	28.11	579	273	19.12	5.60	14.85	4.35	2.39	0.15	8.03	24.00
	Low	0.1	25	455	215	16.73	4.90	12.49	3.66	2.09	0.13	6.35	18.97	505	238	17.77	5.21	13.48	3.95	2.22	0.14	7.06	21.10
		0.2	50	457	216	16.77	4.92	12.53	3.67	2.10	0.13	6.38	19.06	437	206	16.32	4.78	12.12	3.55	2.04	0.13	6.08	18.17
		0.3	75	465	219	16.95	4.97	12.70	3.72	2.12	0.13	6.49	19.41	388	183	15.11	4.43	11.07	3.24	1.89	0.12	5.31	15.86
12	High	0.1	25	1296	612	29.77	8.72	26.80	7.85	3.72	0.23	6.09	18.20	1127	532	26.85	7.87	23.92	7.01	3.36	0.21	5.07	15.15
		0.2	50	1256	593	29.04	8.51	26.11	7.65	3.63	0.23	5.83	17.42	1128	532	26.86	7.87	23.94	7.02	3.36	0.21	5.08	15.17
		0.3	75	1205	569	28.15	8.25	25.24	7.40	3.52	0.22	5.51	16.48	1110	524	26.57	7.79	23.63	6.93	3.32	0.21	4.98	14.88
	Medium	0.1	25	991	468	24.72	7.25	21.66	6.35	3.09	0.19	4.38	13.09	850	401	22.62	6.63	19.31	5.66	2.83	0.18	3.74	11.18
		0.2	50	959	453	24.24	7.11	21.13	6.19	3.03	0.19	4.23	12.64	814	384	22.08	6.47	18.70	5.48	2.76	0.17	3.58	10.71
		0.3	75	916	432	23.60	6.92	20.41	5.98	2.95	0.19	4.03	12.06	770	363	21.41	6.27	17.96	5.26	2.68	0.17	3.39	10.14
	Low	0.1	25	759	358	21.24	6.22	17.77	5.21	2.65	0.17	3.35	10.00	620	293	18.94	5.55	15.29	4.48	2.37	0.15	2.73	8.16
		0.2	50	726	343	20.72	6.07	17.20	5.04	2.59	0.16	3.20	9.57	571	269	18.06	5.29	14.38	4.22	2.26	0.14	2.51	7.50
		0.3	75	674	318	19.87	5.83	16.28	4.77	2.48	0.16	2.97	8.89	520	245	17.13	5.02	13.42	3.93	2.14	0.14	2.29	6.83
15	High	0.1	25	1506	711	36.52	10.70	31.90	9.35	4.56	0.29	9.54	28.53	1436	678	35.06	10.28	30.62	8.98	4.38	0.28	8.88	26.54
		0.2	50	1463	690	35.61	10.44	31.11	9.12	4.45	0.28	9.13	27.28	1412	666	34.58	10.14	30.19	8.85	4.32	0.27	8.67	25.90
		0.3	75	1416	668	34.66	10.16	30.26	8.87	4.33	0.27	8.70	26.01	1384	653	34.04	9.98	29.69	8.70	4.26	0.27	8.43	25.19
	Medium	0.1	25	1213	572	31.00	9.09	26.72	7.83	3.88	0.24	7.14	21.34	1130	533	29.67	8.70	25.32	7.42	3.71	0.23	6.60	19.74
		0.2	50	1183	558	30.51	8.94	26.21	7.68	3.81	0.24	6.94	20.75	1093	516	29.09	8.53	24.70	7.24	3.64	0.23	6.38	19.06
		0.3	75	1145	540	29.90	8.76	25.57	7.50	3.74	0.24	6.70	20.02	1054	497	28.49	8.35	24.04	7.05	3.56	0.22	6.15	18.37
	Low	0.1	25	942	445	26.79	7.85	22.16	6.49	3.35	0.21	5.51	16.47	874	412	25.75	7.55	21.00	6.15	3.22	0.20	5.14	15.36
		0.2	50	904	427	26.21	7.68	21.51	6.31	3.28	0.21	5.30	15.85	827	390	25.01	7.33	20.18	5.92	3.13	0.20	4.88	14.58
		0.3	75	862	407	25.56	7.49	20.79	6.09	3.20	0.20	5.07	15.16	782	369	24.27	7.11	19.39	5.68	3.03	0.19	4.63	13.83
18	High	0.1	25	1882	888	46.10	13.51	40.24	11.79	5.76	0.36	8.66	25.89	1807	853	44.66	13.09	38.91	11.40	5.58	0.35	8.19	24.48
		0.2	50	1761	831	43.82	12.84	38.10	11.17	5.48	0.35	7.92	23.66	1814	856	44.79	13.13	39.03	11.44	5.60	0.35	8.23	24.61
		0.3	75	1618	764	41.35	12.12	35.64	10.45	5.17	0.33	7.14	21.35	1807	853	44.66	13.09	38.91	11.40	5.58	0.35	8.19	24.48
	Medium	0.1	25	1405	663	37.98	11.13	32.05	9.39	4.75	0.30	6.14	18.37	1147	541	34.05	9.98	27.68	8.11	4.26	0.27	5.06	15.13
		0.2	50	1391	656	37.77	11.07	31.82	9.33	4.72	0.30	6.08	18.18	1126	531	33.71	9.88	27.32	8.01	4.21	0.27	4.98	14.87
		0.3	75	1329	627	36.82	10.79	30.77	9.02	4.60	0.29	5.82	17.39	1174	554	34.47	10.10	28.15	8.25	4.31	0.27	5.17	15.46
	Low	0.1	25	950	448	30.76	9.02	24.17	7.08	3.85	0.24	4.23	12.65	980	462	31.30	9.17	24.72	7.25	3.91	0.25	4.36	13.04
		0.2	50	975	460	31.21	9.15	24.63	7.22	3.90	0.25	4.34	12.97	865	408	29.16	8.55	22.56	6.61	3.65	0.23	3.85	11.50
		0.3	75	958	452	30.91	9.06	24.32	7.13	3.86	0.24	4.27	12.75	784	370	27.48	8.05	20.96	6.14	3.44	0.22	3.46	10.36
21	High	0.1	25	2196	1036	52.00	15.24	46.18	13.54	6.50	0.41	6.56	19.61	2146	1013	51.08	14.97	45.31	13.28	6.39	0.40	6.36	19.00
		0.2	50	2049	967	49.37	14.47	43.64	12.79	6.17	0.39	5.98	17.88	2151	1015	51.17	15.00	45.40	13.31	6.40	0.40	6.38	19.06
		0.3	75	1878	88																		

SKM Fan Coil Units

Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 4 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	MBh	KW	MBh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	669	316	19.26	5.65	15.13	4.44	2.41	0.15	12.37	36.97	572	270	17.10	5.01	13.32	3.90	2.14	0.13	10.02	29.96
		0.2	50	650	307	18.74	5.49	14.74	4.32	2.34	0.15	11.78	35.21	576	272	17.18	5.04	13.39	3.92	2.15	0.14	10.10	30.20
		0.3	75	626	295	18.21	5.34	14.29	4.19	2.28	0.14	11.20	33.47	570	269	17.07	5.00	13.28	3.89	2.13	0.13	9.98	29.84
	Medium	0.1	25	501	236	15.80	4.63	12.07	3.54	1.97	0.12	8.71	26.03	429	202	14.54	4.26	10.83	3.17	1.82	0.11	7.52	22.49
		0.2	50	486	229	15.53	4.55	11.82	3.46	1.94	0.12	8.45	25.27	413	195	14.26	4.18	10.55	3.09	1.78	0.11	7.27	21.72
		0.3	75	466	220	15.18	4.45	11.47	3.36	1.90	0.12	8.12	24.27	392	185	13.88	4.07	10.17	2.98	1.73	0.11	6.93	20.71
	Low	0.1	25	389	184	13.82	4.05	10.12	2.97	1.73	0.11	6.88	20.57	320	151	12.45	3.65	8.83	2.59	1.56	0.10	5.72	17.09
		0.2	50	375	177	13.56	3.98	9.86	2.89	1.70	0.11	6.65	19.89	295	139	11.87	3.48	8.33	2.44	1.48	0.09	5.26	15.73
		0.3	75	349	165	13.06	3.83	9.39	2.75	1.63	0.10	6.22	18.60	269	127	11.22	3.29	7.78	2.28	1.40	0.09	4.76	14.23
8	High	0.1	25	770	363	21.50	6.30	17.21	5.04	2.69	0.17	7.82	23.36	725	342	20.60	6.04	16.40	4.81	2.58	0.16	7.25	21.66
		0.2	50	746	352	21.02	6.16	16.78	4.92	2.63	0.17	7.51	22.44	713	336	20.37	5.97	16.19	4.75	2.55	0.16	7.10	21.24
		0.3	75	723	341	20.57	6.03	16.37	4.80	2.57	0.16	7.22	21.60	701	331	20.15	5.91	15.98	4.68	2.52	0.16	6.97	20.82
	Medium	0.1	25	589	278	18.16	5.32	14.05	4.12	2.27	0.14	5.79	17.32	551	260	17.50	5.13	13.39	3.93	2.19	0.14	5.43	16.23
		0.2	50	576	272	17.93	5.26	13.82	4.05	2.24	0.14	5.67	16.94	533	252	17.19	5.04	13.08	3.83	2.15	0.14	5.26	15.72
		0.3	75	560	264	17.66	5.18	13.55	3.97	2.21	0.14	5.51	16.48	515	243	16.88	4.95	12.77	3.74	2.11	0.13	5.09	15.21
	Low	0.1	25	469	221	16.05	4.71	11.95	3.50	2.01	0.13	4.66	13.93	437	206	15.45	4.53	11.37	3.33	1.93	0.12	4.35	13.01
		0.2	50	450	212	15.70	4.60	11.60	3.40	1.96	0.12	4.48	13.39	413	195	14.98	4.39	10.92	3.20	1.87	0.12	4.12	12.31
		0.3	75	430	203	15.31	4.49	11.24	3.29	1.91	0.12	4.29	12.81	390	184	14.49	4.25	10.47	3.07	1.81	0.11	3.89	11.62
10	High	0.1	25	1019	481	33.17	9.72	24.63	7.22	4.15	0.26	21.24	63.49	947	447	30.87	9.05	23.01	6.74	3.86	0.24	18.71	55.93
		0.2	50	962	454	31.33	9.18	23.34	6.84	3.92	0.25	19.21	57.41	953	450	31.05	9.10	23.14	6.78	3.88	0.24	18.91	56.51
		0.3	75	889	420	29.20	8.56	21.77	6.38	3.65	0.23	16.96	50.71	953	450	31.05	9.10	23.14	6.78	3.88	0.24	18.91	56.51
	Medium	0.1	25	702	331	25.10	7.36	18.23	5.34	3.14	0.20	12.99	38.82	595	281	23.15	6.79	16.33	4.79	2.89	0.18	11.26	33.65
		0.2	50	710	335	25.24	7.40	18.37	5.38	3.16	0.20	13.11	39.20	569	269	22.64	6.63	15.85	4.65	2.83	0.18	10.82	32.34
		0.3	75	691	326	24.91	7.30	18.04	5.29	3.11	0.20	12.81	38.29	579	273	22.84	6.69	16.04	4.70	2.85	0.18	10.99	32.85
	Low	0.1	25	455	215	20.02	5.87	13.58	3.98	2.50	0.16	8.71	26.03	505	238	21.26	6.23	14.62	4.28	2.66	0.17	9.68	28.94
		0.2	50	457	216	20.07	5.88	13.62	3.99	2.51	0.16	8.75	26.15	437	206	19.52	5.72	13.19	3.87	2.44	0.15	8.33	24.91
		0.3	75	465	219	20.28	5.94	13.80	4.04	2.53	0.16	8.91	26.63	388	183	18.06	5.29	12.06	3.54	2.26	0.14	7.27	21.72
12	High	0.1	25	1296	612	35.37	10.37	28.42	8.33	4.42	0.28	8.27	24.73	1127	532	31.68	9.29	25.31	7.42	3.96	0.25	6.80	20.34
		0.2	50	1256	593	34.43	10.09	27.66	8.11	4.30	0.27	7.89	23.58	1128	532	31.70	9.29	25.33	7.42	3.96	0.25	6.81	20.36
		0.3	75	1205	569	33.30	9.76	26.72	7.83	4.16	0.26	7.43	22.22	1110	524	31.35	9.19	25.01	7.33	3.92	0.25	6.68	19.95
	Medium	0.1	25	991	468	29.11	8.53	22.92	6.72	3.64	0.23	5.85	17.50	850	401	26.66	7.81	20.49	6.01	3.33	0.21	5.01	14.97
		0.2	50	959	453	28.55	8.37	22.37	6.56	3.57	0.23	5.65	16.90	814	384	26.04	7.63	19.87	5.82	3.25	0.21	4.80	14.35
		0.3	75	916	432	27.80	8.15	21.63	6.34	3.47	0.22	5.39	16.12	770	363	25.27	7.41	19.10	5.60	3.16	0.20	4.55	13.61
	Low	0.1	25	759	358	25.08	7.35	18.91	5.54	3.13	0.20	4.49	13.43	620	293	22.47	6.59	16.38	4.80	2.81	0.18	3.70	11.05
		0.2	50	726	343	24.49	7.18	18.33	5.37	3.06	0.19	4.31	12.88	571	269	21.44	6.28	15.44	4.52	2.68	0.17	3.40	10.17
		0.3	75	674	318	23.53	6.90	17.39	5.10	2.94	0.19	4.01	11.99	520	245	20.26	5.94	14.41	4.22	2.53	0.16	3.08	9.20
15	High	0.1	25	1506	711	44.88	13.15	34.49	10.11	5.61	0.35	13.76	41.14	1436	678	42.70	12.52	32.96	9.66	5.34	0.34	12.60	37.66
		0.2	50	1463	690	43.53	12.76	33.55	9.83	5.44	0.34	13.04	38.98	1412	666	41.97	12.30	32.44	9.51	5.25	0.33	12.22	36.53
		0.3	75	1416	668	42.10	12.34	32.53	9.53	5.26	0.33	12.28	36.72	1384	653	41.14	12.06	31.84	9.33	5.14	0.32	11.79	35.25
	Medium	0.1	25	1213	572	36.73	10.77	28.40	8.33	4.59	0.29	9.64	28.83	1130	533	35.12	10.29	26.93	7.89	4.39	0.28	8.91	26.62
		0.2	50	1183	558	36.14	10.59	27.86	8.17	4.52	0.28	9.37	28.01	1093	516	34.43	10.09	26.28	7.70	4.30	0.27	8.60	25.71
		0.3	75	1145	540	35.40	10.38	27.19	7.97	4.43	0.28	9.03	27.01	1054	497	33.73	9.89	25.60	7.50	4.22	0.27	8.29	24.78
	Low	0.1	25	942	445	31.76	9.31	23.66	6.93	3.97	0.25	7.45	22.27	874	412	30.56	8.96	22.47	6.59	3.82	0.24	6.96	20.81
		0.2	50	904	427	31.09	9.11	23.00	6.74	3.89	0.25	7.18	21.45	827	390	29.72	8.71	21.64	6.34	3.72	0.23	6.62	19.80
		0.3	75	862	407	30.35	8.90	22.26	6.52	3.79	0.24	6.88	20.55	782	369	28.88	8.47	20.82	6.10	3.61	0.23	6.30	18.82
18	High	0.1	25	1882	888	55.94	16.40	43.24	12.67	6.99	0.44	12.21	36.51	1807	853	53.74	15.75	41.64	12.20	6.72	0.42	11.37	33.99
		0.2	50	1761	831	52.45	15.37	40.68	11.92	6.56	0.41	10.89	32.55	1814	856	53.94	15.81	41.79	12.25	6.74	0.43	11.45	34.21
		0.3	75	1618	764	48.99	14.36	37.88	11.10	6.12	0.39	9.65	28.84	1807	853	53.74	15.75	41.64	12.20	6.72	0.42	11.37	33.99
	Medium	0.1	25	1405	663	44.96	13.18	34.13	10.00	5.62	0.35	8.29	24.77	1147	541	40.43	11.85	29.64	8.69	5.05	0.32	6.86	20.51
		0.2	50	1391	656	44.71	13.11	33.88	9.93	5.59	0.35	8.21	24.53	1126	531	40.05	11.74	29.26	8.58	5.01	0.32	6.75	20.18
		0.3	75	1329	627	43.62	12.79	32.81	9.62	5.45	0.34	7.85	23.48	1174	554	40.91	11.99	30.11	8.83	5.11	0.32	7.01	20.95
	Low	0.1	25	950	448	36.67	10.75	26.04	7.63	4.58	0.29	5.77	17.26	980	462	37.28	10.93	26.61	7.80	4.66	0.29	5.95	17.77
		0.2	50	975	460	37.18	10.90	26.51	7.77	4.65	0.29	5.92	17.69	865	408	34.82	10.20	24.38	7.15	4.35	0.27	5.27	15.74
		0.3	75	958	452	36.84	10.80	26.19	7.68	4.60	0.29	5.82	17.40	784	370	32.85	9.63	22.71	6.66	4.11	0.26	4.75	14.20
21	High	0.1	25	2196	1036	61.77	18.11	49.02	14.37	7.72	0.49	8.91	26.63	2146	1013	60.60	17.76	48.07	14.09	7.58	0.48	8.61	25.74
		0.2	50	2049	967	58.45	17.13	46.27	13.56	7.31	0.46	8.08	24.14	2151	1015	60.72	17.80	48.17	14.12	7.59	0		

SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 6 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	Btuh	KW	Btuh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	Btuh	KW	Btuh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	631	298	20.02	5.87	16.03	4.70	2.50	0.16	8.78	26.25	546	258	18.08	5.30	14.24	4.18	2.26	0.14	7.34	21.94
		0.2	50	612	289	19.57	5.74	15.63	4.58	2.45	0.15	8.44	25.23	548	259	18.13	5.31	14.29	4.19	2.27	0.14	7.37	22.03
		0.3	75	589	278	19.05	5.58	15.14	4.44	2.38	0.15	8.04	24.04	540	255	17.95	5.26	14.12	4.14	2.24	0.14	7.24	21.65
	Medium	0.1	25	467	220	16.35	4.79	12.60	3.69	2.04	0.13	6.14	18.36	400	189	14.81	4.34	11.17	3.27	1.85	0.12	5.16	15.43
		0.2	50	452	213	16.01	4.69	12.28	3.60	2.00	0.13	5.92	17.70	384	181	14.43	4.23	10.82	3.17	1.80	0.11	4.93	14.73
		0.3	75	433	204	15.58	4.57	11.88	3.48	1.95	0.12	5.64	16.87	365	172	13.95	4.09	10.39	3.05	1.74	0.11	4.65	13.89
	Low	0.1	25	373	176	14.15	4.15	10.57	3.10	1.77	0.11	4.77	14.25	306	144	12.37	3.62	9.02	2.65	1.55	0.10	3.76	11.23
		0.2	50	358	169	13.77	4.04	10.23	3.00	1.72	0.11	4.54	13.58	282	133	11.69	3.43	8.45	2.48	1.46	0.09	3.41	10.18
		0.3	75	333	157	13.12	3.84	9.66	2.83	1.64	0.10	4.17	12.46	257	121	10.97	3.22	7.85	2.30	1.37	0.09	3.04	9.10
8	High	0.1	25	756	357	25.18	7.38	19.71	5.78	3.15	0.20	14.41	43.08	719	339	24.20	7.09	18.88	5.53	3.03	0.19	13.44	40.19
		0.2	50	734	346	24.59	7.21	19.21	5.63	3.07	0.19	13.82	41.31	707	334	23.90	7.01	18.62	5.46	2.99	0.19	13.15	39.31
		0.3	75	712	336	24.03	7.04	18.73	5.49	3.00	0.19	13.27	39.67	694	327	23.58	6.91	18.33	5.37	2.95	0.19	12.84	38.39
	Medium	0.1	25	585	276	21.03	6.16	16.00	4.69	2.63	0.17	10.49	31.36	546	258	20.13	5.90	15.17	4.45	2.52	0.16	9.72	29.04
		0.2	50	571	269	20.70	6.07	15.70	4.60	2.59	0.16	10.21	30.52	528	249	19.71	5.78	14.79	4.33	2.46	0.16	9.36	27.99
		0.3	75	554	261	20.31	5.95	15.34	4.50	2.54	0.16	9.87	29.51	510	241	19.29	5.65	14.40	4.22	2.41	0.15	9.01	26.94
	Low	0.1	25	464	219	18.17	5.33	13.39	3.93	2.27	0.14	8.11	24.25	432	204	17.35	5.09	12.67	3.71	2.17	0.14	7.48	22.36
		0.2	50	446	210	17.72	5.19	12.99	3.81	2.21	0.14	7.76	23.20	409	193	16.74	4.91	12.14	3.56	2.09	0.13	7.02	20.98
		0.3	75	426	201	17.19	5.04	12.53	3.67	2.15	0.14	7.36	22.01	386	182	16.09	4.72	11.60	3.40	2.01	0.13	6.55	19.58
10	High	0.1	25	967	456	31.52	9.24	24.95	7.31	3.94	0.25	9.49	28.35	911	430	30.21	8.85	23.76	6.96	3.78	0.24	8.80	26.31
		0.2	50	910	429	30.18	8.85	23.74	6.96	3.77	0.24	8.79	26.27	916	432	30.32	8.89	23.86	6.99	3.79	0.24	8.86	26.49
		0.3	75	839	396	28.58	8.38	22.24	6.52	3.57	0.23	7.98	23.86	915	432	30.30	8.88	23.84	6.99	3.79	0.24	8.85	26.45
	Medium	0.1	25	684	323	25.09	7.35	18.97	5.56	3.14	0.20	6.35	18.97	573	270	22.39	6.56	16.53	4.84	2.80	0.18	5.19	15.52
		0.2	50	687	324	25.16	7.37	19.04	5.58	3.15	0.20	6.38	19.06	551	260	21.81	6.39	16.03	4.70	2.73	0.17	4.96	14.82
		0.3	75	666	314	24.67	7.23	18.58	5.45	3.08	0.19	6.16	18.41	564	266	22.15	6.49	16.33	4.78	2.77	0.17	5.10	15.23
	Low	0.1	25	445	210	18.75	5.50	13.48	3.95	2.34	0.15	3.80	11.36	488	230	20.05	5.88	14.54	4.26	2.51	0.16	4.27	12.78
		0.2	50	449	212	18.88	5.53	13.58	3.98	2.36	0.15	3.84	11.49	425	201	18.16	5.32	12.99	3.81	2.27	0.14	3.59	10.73
		0.3	75	455	215	19.06	5.59	13.73	4.02	2.38	0.15	3.91	11.69	378	178	16.71	4.90	11.82	3.46	2.09	0.13	3.10	9.27
12	High	0.1	25	1239	585	37.54	11.00	30.67	8.99	4.69	0.30	6.05	18.09	1096	517	34.29	10.05	27.68	8.11	4.29	0.27	5.15	15.20
		0.2	50	1198	565	36.59	10.72	29.81	8.74	4.57	0.29	5.78	17.28	1090	514	34.16	10.01	27.55	8.08	4.27	0.27	5.12	15.30
		0.3	75	1145	540	35.38	10.37	28.70	8.41	4.42	0.28	5.45	16.28	1067	504	33.65	9.86	27.08	7.94	4.21	0.27	4.99	14.90
	Medium	0.1	25	922	435	30.54	8.95	24.09	7.06	3.82	0.24	4.20	12.55	791	373	27.69	8.11	21.36	6.26	3.46	0.22	3.53	10.55
		0.2	50	891	420	29.87	8.76	23.45	6.87	3.73	0.24	4.04	12.07	757	357	26.92	7.89	20.63	6.05	3.36	0.21	3.36	10.03
		0.3	75	850	401	28.99	8.50	22.60	6.62	3.62	0.23	3.83	11.44	716	338	25.96	7.61	19.75	5.79	3.25	0.20	3.15	9.41
	Low	0.1	25	740	349	26.52	7.77	20.27	5.94	3.32	0.21	3.27	9.78	601	284	23.10	6.77	17.18	5.04	2.89	0.18	2.56	7.66
		0.2	50	703	332	25.65	7.52	19.47	5.71	3.21	0.20	3.08	9.22	554	261	21.89	6.42	16.11	4.72	2.74	0.17	2.33	6.96
		0.3	75	650	307	24.34	7.13	18.29	5.36	3.04	0.19	2.81	8.40	505	238	20.59	6.03	14.98	4.39	2.57	0.16	2.09	6.25
15	High	0.1	25	1477	697	46.45	13.61	37.24	10.92	5.81	0.37	9.64	28.82	1421	671	44.96	13.18	35.98	10.55	5.62	0.35	9.10	27.21
		0.2	50	1434	677	45.30	13.28	36.27	10.63	5.66	0.36	9.22	27.57	1395	658	44.29	12.98	35.41	10.38	5.54	0.35	8.86	26.49
		0.3	75	1383	653	43.99	12.89	35.14	10.30	5.50	0.35	8.76	26.17	1365	644	43.53	12.76	34.75	10.19	5.44	0.34	8.60	25.70
	Medium	0.1	25	1200	566	39.60	11.61	31.21	9.15	4.95	0.31	7.27	21.73	1115	526	37.68	11.04	29.43	8.62	4.71	0.30	6.66	19.90
		0.2	50	1167	551	38.85	11.39	30.52	8.94	4.86	0.31	7.03	21.01	1078	509	36.86	10.80	28.65	8.40	4.61	0.29	6.40	19.14
		0.3	75	1126	531	37.93	11.12	29.66	8.69	4.74	0.30	6.74	20.13	1040	491	36.02	10.56	27.85	8.16	4.50	0.28	6.15	18.38
	Low	0.1	25	931	439	33.57	9.84	25.56	7.49	4.20	0.26	5.43	16.23	862	407	31.98	9.37	24.08	7.06	4.00	0.25	4.98	14.89
		0.2	50	893	421	32.70	9.58	24.75	7.25	4.09	0.26	5.18	15.49	816	385	30.87	9.05	23.07	6.76	3.86	0.24	4.68	14.00
		0.3	75	850	401	31.70	9.29	23.82	6.98	3.96	0.25	4.90	14.66	772	364	29.78	8.73	22.10	6.48	3.72	0.23	4.39	13.13
18	High	0.1	25	1824	861	56.47	16.55	45.73	13.40	7.06	0.45	6.05	18.08	1832	865	56.66	16.61	45.90	13.45	7.08	0.45	6.09	18.19
		0.2	50	1698	801	53.60	15.71	43.08	12.63	6.70	0.42	5.52	16.49	1830	864	56.61	16.59	45.86	13.44	7.08	0.45	6.08	18.16
		0.3	75	1555	734	50.46	14.79	40.12	11.76	6.31	0.40	4.96	14.82	1810	854	56.15	16.46	45.43	13.32	7.02	0.44	5.99	17.90
	Medium	0.1	25	1378	650	46.64	13.67	36.45	10.68	5.83	0.37	4.31	12.89	1116	527	40.75	11.94	30.91	9.06	5.09	0.32	3.39	10.15
		0.2	50	1352	638	46.07	13.50	35.91	10.53	5.76	0.36	4.22	12.61	1107	522	40.54	11.88	30.71	9.00	5.07	0.32	3.36	10.05
		0.3	75	1284	606	44.59	13.07	34.49	10.11	5.57	0.35	3.98	11.90	1163	549	41.85	12.27	31.92	9.36	5.23	0.33	3.56	10.64
	Low	0.1	25	887	419	34.96	10.25	25.76	7.55	4.37	0.28	2.59	7.74	920	434	35.82	10.50	26.51	7.77	4.48	0.28	2.70	8.08
		0.2	50	909	429	35.54	10.42	26.26	7.70	4.44	0.28	2.66	7.97	812	383	32.95	9.66	24.02	7.04	4.12	0.26	2.33	6.97
		0.3	75	896	423	35.19	10.32	25.96	7.61	4.40	0.28	2.62	7.83	735	347	30.82	9.03	22.20	6.51	3.85	0.24	2.07	6.19
21	High	0.1	25	1934	913	63.03	18.47	49.90	14.63	7.88	0.50	7.96	23.80	1823	860	60.44	17.71	47.54	13.93	7.55	0.48	7.39	22.09
		0.2	50	1820	859	60.37	17.69	47.47	13.91	7.55	0.48	7.37	22.04	1832	865	60.64	17.77	47.73	13.99	7.58	0.48	7.43	22.22
		0.3	75	1679	792	57.18	16.76	44.50	13.04	7.15	0.45	6.70	20.03	1830	864	60.60	17.76	47.69	13.98	7.57	0.48	7.42	

SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 6 Rows)

Size	Speed	ESP		50 Hz										60 Hz									
				Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Air Flow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	Btuh	KW	Btuh	KW	gpm	l/s	ftwg	Kpa	cfm	l/s	Btuh	KW	Btuh	KW	gpm	l/s	ftwg	Kpa
6	High	0.1	25	631	298	23.53	6.90	17.10	5.01	2.94	0.19	11.67	34.89	546	258	21.18	6.21	15.19	4.45	2.65	0.17	9.70	28.99
		0.2	50	612	289	22.98	6.74	16.67	4.89	2.87	0.18	11.20	33.48	548	259	21.23	6.22	15.24	4.47	2.65	0.17	9.74	29.12
		0.3	75	589	278	22.34	6.55	16.15	4.73	2.79	0.18	10.65	31.84	540	255	21.02	6.16	15.06	4.41	2.63	0.17	9.57	28.61
	Medium	0.1	25	467	220	19.13	5.61	13.46	3.95	2.39	0.15	8.10	24.22	400	189	17.34	5.08	11.97	3.51	2.17	0.14	6.81	20.36
		0.2	50	452	213	18.74	5.49	13.13	3.85	2.34	0.15	7.81	23.35	384	181	16.89	4.95	11.60	3.40	2.11	0.13	6.50	19.44
		0.3	75	433	204	18.23	5.34	12.71	3.72	2.28	0.14	7.45	22.26	365	172	16.33	4.79	11.16	3.27	2.04	0.13	6.13	18.34
Low	0.1	25	373	176	16.57	4.86	11.34	3.32	2.07	0.13	6.29	18.80	306	144	14.47	4.24	9.71	2.85	1.81	0.11	4.96	14.81	
	0.2	50	358	169	16.13	4.73	10.99	3.22	2.02	0.13	6.00	17.93	282	133	13.63	4.00	9.09	2.66	1.70	0.11	4.46	13.34	
	0.3	75	333	157	15.36	4.50	10.39	3.04	1.92	0.12	5.50	16.45	257	121	12.70	3.72	8.41	2.47	1.59	0.10	3.94	11.78	
8	High	0.1	25	756	357	30.46	8.93	21.44	6.28	3.81	0.24	20.16	60.26	719	339	29.04	8.51	20.45	5.99	3.63	0.23	18.54	55.41
		0.2	50	734	346	29.61	8.68	20.85	6.11	3.70	0.23	19.18	57.32	707	334	28.60	8.38	20.13	5.90	3.58	0.23	18.04	53.93
		0.3	75	712	336	28.78	8.44	20.26	5.94	3.60	0.23	18.25	54.54	694	327	28.13	8.25	19.79	5.80	3.52	0.22	17.52	52.38
	Medium	0.1	25	585	276	24.69	7.24	17.16	5.03	3.09	0.19	13.92	41.60	546	258	23.62	6.92	16.28	4.77	2.95	0.19	12.88	38.50
		0.2	50	571	269	24.30	7.12	16.84	4.94	3.04	0.19	13.54	40.48	528	249	23.13	6.78	15.88	4.65	2.89	0.18	12.41	37.09
		0.3	75	554	261	23.84	6.99	16.46	4.83	2.98	0.19	13.09	39.13	510	241	22.63	6.63	15.47	4.53	2.83	0.18	11.94	35.70
Low	0.1	25	464	219	21.31	6.25	14.41	4.22	2.66	0.17	10.74	32.12	432	204	20.34	5.96	13.65	4.00	2.54	0.16	9.90	29.59	
	0.2	50	446	210	20.77	6.09	13.99	4.10	2.60	0.16	10.27	30.70	409	193	19.61	5.75	13.09	3.84	2.45	0.15	9.28	27.74	
	0.3	75	426	201	20.16	5.91	13.51	3.96	2.52	0.16	9.74	29.11	386	182	18.85	5.52	12.51	3.67	2.36	0.15	8.65	25.87	
10	High	0.1	25	967	456	37.04	10.86	26.65	7.81	4.63	0.29	12.62	37.71	911	430	35.45	10.39	25.37	7.44	4.43	0.28	11.68	34.90
		0.2	50	910	429	35.43	10.38	25.35	7.43	4.43	0.28	11.66	34.86	916	432	35.59	10.43	25.49	7.47	4.45	0.28	11.76	35.15
		0.3	75	839	396	33.50	9.82	23.77	6.97	4.19	0.26	10.56	31.58	915	432	35.57	10.42	25.46	7.46	4.45	0.28	11.74	35.10
	Medium	0.1	25	684	323	29.39	8.61	20.33	5.96	3.67	0.23	8.39	25.07	573	270	26.22	7.69	17.77	5.21	3.28	0.21	6.86	20.51
		0.2	50	687	324	29.47	8.64	20.40	5.98	3.68	0.23	8.43	25.19	551	260	25.55	7.49	17.24	5.05	3.19	0.20	6.55	19.58
		0.3	75	666	314	28.90	8.47	19.93	5.84	3.61	0.23	8.14	24.34	564	266	25.95	7.61	17.56	5.15	3.24	0.20	6.73	20.13
Low	0.1	25	445	210	21.95	6.43	14.54	4.26	2.74	0.17	5.01	14.98	488	230	23.48	6.88	15.67	4.59	2.94	0.19	5.65	16.88	
	0.2	50	449	212	22.09	6.48	14.65	4.29	2.76	0.17	5.07	15.16	425	201	21.19	6.21	14.00	4.10	2.65	0.17	4.71	14.09	
	0.3	75	455	215	22.31	6.54	14.81	4.34	2.79	0.18	5.16	15.43	378	178	19.33	5.67	12.67	3.71	2.42	0.15	4.01	11.98	
12	High	0.1	25	1239	585	44.16	12.94	32.67	9.58	5.52	0.35	8.07	24.12	1096	517	40.16	11.77	29.44	8.63	5.02	0.32	6.82	20.38
		0.2	50	1198	565	42.97	12.60	31.73	9.30	5.37	0.34	7.69	22.98	1090	514	40.00	11.72	29.31	8.59	5.00	0.32	6.77	20.23
		0.3	75	1145	540	41.49	12.16	30.53	8.95	5.19	0.33	7.22	21.59	1067	504	39.39	11.54	28.81	8.44	4.92	0.31	6.59	19.69
	Medium	0.1	25	922	435	35.68	10.46	25.65	7.52	4.46	0.28	5.53	16.52	791	373	32.34	9.48	22.80	6.68	4.04	0.26	4.65	13.89
		0.2	50	891	420	34.89	10.23	24.98	7.32	4.36	0.28	5.31	15.89	757	357	31.45	9.22	22.04	6.46	3.93	0.25	4.42	13.21
		0.3	75	850	401	33.85	9.92	24.09	7.06	4.23	0.27	5.04	15.06	716	338	30.34	8.89	21.12	6.19	3.79	0.24	4.15	12.40
Low	0.1	25	740	349	30.99	9.08	21.66	6.35	3.87	0.24	4.31	12.88	601	284	26.99	7.91	18.43	5.40	3.37	0.21	3.37	10.08	
	0.2	50	703	332	29.98	8.79	20.83	6.10	3.75	0.24	4.06	12.14	554	261	25.49	7.47	17.27	5.06	3.19	0.20	3.05	9.11	
	0.3	75	650	307	28.47	8.34	19.60	5.74	3.56	0.22	3.71	11.08	505	238	23.88	7.00	16.04	4.70	2.98	0.19	2.72	8.12	
15	High	0.1	25	1477	697	55.65	16.31	40.15	11.77	6.96	0.44	13.28	39.69	1421	671	53.53	15.69	38.67	11.33	6.69	0.42	12.39	37.05
		0.2	50	1434	677	54.01	15.83	39.01	11.43	6.75	0.43	12.59	37.65	1395	658	52.56	15.41	37.99	11.13	6.57	0.41	12.00	35.87
		0.3	75	1383	653	52.12	15.28	37.68	11.04	6.52	0.41	11.82	35.34	1365	644	51.47	15.09	37.21	10.91	6.43	0.41	11.56	34.56
	Medium	0.1	25	1200	566	46.47	13.62	33.32	9.77	5.81	0.37	9.65	28.84	1115	526	44.16	12.94	31.43	9.21	5.52	0.35	8.82	26.36
		0.2	50	1167	551	45.56	13.35	32.58	9.55	5.70	0.36	9.32	27.85	1078	509	43.19	12.66	30.61	8.97	5.40	0.34	8.47	25.33
		0.3	75	1126	531	44.46	13.03	31.67	9.28	5.56	0.35	8.92	26.67	1040	491	42.19	12.37	29.77	8.73	5.27	0.33	8.13	24.31
Low	0.1	25	931	439	39.32	11.52	27.36	8.02	4.91	0.31	7.18	21.46	862	407	37.45	10.98	25.82	7.57	4.68	0.30	6.59	19.69	
	0.2	50	893	421	38.30	11.22	26.52	7.77	4.79	0.30	6.85	20.48	816	385	36.16	10.60	24.76	7.26	4.52	0.29	6.19	18.51	
	0.3	75	850	401	37.12	10.88	25.54	7.49	4.64	0.29	6.48	19.38	772	364	34.88	10.22	23.74	6.96	4.36	0.28	5.81	17.36	
18	High	0.1	25	1824	861	66.34	19.44	48.71	14.28	8.29	0.52	8.05	24.06	1832	865	66.57	19.51	48.89	14.33	8.32	0.52	8.10	24.20
		0.2	50	1698	801	62.82	18.41	45.87	13.45	7.85	0.50	7.31	21.84	1830	864	66.51	19.49	48.85	14.32	8.31	0.52	8.09	24.17
		0.3	75	1555	734	59.03	17.30	42.72	12.52	7.38	0.47	6.54	19.56	1810	854	65.94	19.33	48.39	14.18	8.24	0.52	7.96	23.80
	Medium	0.1	25	1378	650	54.51	15.98	38.87	11.39	6.81	0.43	5.68	16.98	1116	527	47.65	13.96	33.08	9.69	5.96	0.38	4.48	13.38
		0.2	50	1352	638	53.85	15.78	38.30	11.23	6.73	0.42	5.56	16.62	1107	522	47.40	13.89	32.87	9.63	5.92	0.37	4.44	13.26
		0.3	75	1284	606	52.10	15.27	36.82	10.79	6.51	0.41	5.25	15.68	1163	549	48.93	14.34	34.14	10.01	6.12	0.39	4.69	14.03
Low	0.1	25	887	419	40.83	11.97	27.65	8.10	5.10	0.32	3.41	10.18	920	434	41.88	12.28	28.46	8.34	5.24	0.33	3.56	10.65	
	0.2	50	909	429	41.53	12.17	28.19	8.26	5.19	0.33	3.51	10.50	812	383	38.31	11.23	25.74	7.54	4.79	0.30	3.04	9.10	
	0.3	75	896	423	41.12	12.05	27.87	8.17	5.14	0.32	3.45	10.31	735	347	35.67	10.45	23.76	6.96	4.46	0.28	2.68	8.02	
21	High	0.1	25	1934	913	74.09	21.71	53.30	15.62	9.26	0.58	10.60	31.68	1823	860	70.94	20.79	50.77	14.88	8.87	0.56	9.81	29.33
		0.2	50	1820	859	70.85	20.77	50.70	14.86	8.86	0.56	9.79	29.27	18									

SKM Fan Coil Units Hi-Static Fan Coil Units

Nominal Capacity Ratings (50Hz)

Models DYP

Size	Nominal Airflow	3 Rows							4 Rows							6 Rows							
		Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Water Velocity	Leaving Dry Bulb	Leaving Wet Bulb	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Water Velocity	Leaving Dry Bulb	Leaving Wet Bulb	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Water Velocity	Leaving Dry Bulb	Leaving Wet Bulb	
		cfm	MBh	MBh	gpm	ftwg	fps	°F	°F	MBh	MBh	gpm	ftwg	fps	°F	°F	MBh	MBh	gpm	ftwg	fps	°F	°F
		l/s	kW	kW	l/s	kPa	m/s	°C	°C	kW	kW	l/s	kPa	m/s	°C	°C	kW	kW	l/s	kPa	m/s	°C	°C
28	2800	84.86	61.10	16.97	11.12	4.80	59.89	57.63	101.19	70.34	20.24	9.03	4.29	56.85	55.60	127.70	83.63	25.54	17.53	5.42	52.47	52.08	
	1321	24.87	17.91	1.07	33.23	1.46	15.49	14.24	29.66	20.62	1.28	27.00	1.31	13.80	13.11	37.43	24.51	1.61	52.39	1.65	11.37	11.16	
30	3000	88.36	64.10	17.67	11.99	5.00	60.31	57.93	105.30	73.85	21.06	9.73	4.47	57.31	55.97	134.58	88.54	26.92	19.30	5.71	52.80	52.37	
	1416	25.90	18.79	1.11	35.83	1.52	15.73	14.41	30.86	21.64	1.33	29.08	1.36	14.06	13.32	39.44	25.95	1.70	57.69	1.74	11.56	11.32	

Table 30

Notes:

Chilled water capacity ratings are based on nominal air flow rate; air entering temperature DB/WB 80/67°F (27/19.5°C) & 45/55°F (7.2/12.8°C) entering/ leaving chilled water temperature.

For conditions other than rated, use SKM FCU Computer Selection Software.

Air Flow Rates (50 Hz)

Model DYP

Speed	DYP	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
			25	50	75	100	25	50	75	100	25	50	75	100
High	28	cfm	2951	2772	2553	2302	2878	2691	2472	2226	2731	2539	2325	2091
		l/s	1393	1308	1205	1086	1358	1270	1166	1050	1289	1198	1097	987
High	30	cfm	3079	2853	2606	2341	2977	2755	2517	2261	2794	2583	2360	2121
		l/s	1453	1346	1230	1105	1405	1300	1188	1067	1318	1219	1114	1001
Medium	28	cfm	2098	2101	2027	1889	2106	2089	2000	1854	2107	2054	1942	1786
		l/s	990	991	957	892	994	986	944	875	994	969	916	843
Medium	30	cfm	2854	2616	2356	2074	2759	2526	2276	2004	2591	2371	2135	1882
		l/s	1347	1234	1112	979	1302	1192	1074	946	1222	1119	1008	888
Low	28	cfm	1357	1384	1384	1269	1357	1389	1376	1250	1360	1396	1356	1211
		l/s	641	653	653	599	640	656	650	590	642	659	640	571
Low	30	cfm	2681	2445	2176	1877	2599	2365	2103	1813	2446	2221	1974	1702
		l/s	1265	1154	1027	886	1226	1116	993	856	1154	1048	931	803

Table 31

Speed	DYP	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
			25	50	75	100	25	50	75	100	25	50	75	100
High	28	cfm	2791	2804	2799	2765	2798	2805	2789	2742	2805	2794	2753	2684
		l/s	1317	1323	1321	1305	1320	1324	1316	1294	1324	1318	1299	1267
High	30	cfm	3564	3414	3239	3042	3475	3318	3142	2945	3299	3138	2961	2771
		l/s	1682	1611	1528	1436	1640	1566	1483	1390	1557	1481	1397	1308
Medium	28	cfm	1740	1686	1739	1833	1723	1688	1757	1845	1698	1703	1798	1855
		l/s	821	796	821	865	813	797	829	870	801	803	848	875
Medium	30	cfm	3074	2919	2730	2510	3006	2842	2650	2431	2864	2693	2502	2292
		l/s	1451	1378	1288	1184	1418	1341	1250	1147	1352	1271	1181	1082
Low	28	cfm	1454	1259	1127	1063	1425	1242	1118	1060	1374	1211	1103	1056
		l/s	686	594	532	502	672	586	528	500	648	571	521	498
Low	30	cfm	2544	2485	2363	2186	2530	2451	2315	2132	2483	2372	2218	2029
		l/s	1201	1173	1115	1032	1194	1157	1092	1006	1172	1119	1046	958

Table 32



SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DYP - 3 Rows), 50Hz

Size	Speed	External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	2951	1393	87.50	25.65	63.37	18.57	17.50	1.10	11.77	35.18
		0.2	50	2772	1308	84.45	24.75	60.71	17.79	16.89	1.07	11.02	32.94
		0.3	75	2553	1205	81.13	23.78	57.57	16.87	16.23	1.02	10.23	30.57
	Medium	0.1	25	2098	990	73.69	21.60	50.70	14.86	14.74	0.93	8.55	25.56
		0.2	50	2101	991	73.74	21.61	50.75	14.87	14.75	0.93	8.56	25.60
		0.3	75	2027	957	72.47	21.24	49.60	14.54	14.49	0.91	8.29	24.78
	Low	0.1	25	1357	640	57.31	16.80	37.51	10.99	11.46	0.72	5.37	16.04
		0.2	50	1384	653	58.01	17.00	38.04	11.15	11.60	0.73	5.49	16.40
		0.3	75	1384	653	58.01	17.00	38.04	11.15	11.60	0.73	5.49	16.40
30	High	0.1	25	3079	1453	89.76	26.31	65.28	19.13	17.95	1.13	12.34	36.89
		0.2	50	2853	1346	85.78	25.14	61.90	18.14	17.16	1.08	11.34	33.91
		0.3	75	2606	1230	81.95	24.02	58.35	17.10	16.39	1.03	10.42	31.15
	Medium	0.1	25	2854	1347	85.80	25.15	61.91	18.15	17.16	1.08	11.35	33.92
		0.2	50	2616	1234	82.11	24.07	58.49	17.14	16.42	1.04	10.46	31.26
		0.3	75	2356	1112	77.97	22.85	54.65	16.02	15.59	0.98	9.50	28.39
	Low	0.1	25	2681	1265	83.10	24.36	59.42	17.42	16.62	1.05	10.69	31.96
		0.2	50	2445	1154	79.41	23.28	55.98	16.41	15.88	1.00	9.83	29.38
		0.3	75	2176	1027	75.00	21.98	51.91	15.21	15.00	0.95	8.84	26.42

Table 33

Capacity Ratings (DYP - 4 Rows), 50Hz

Size	Speed	External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	2878	1358	102.79	30.13	71.71	21.02	20.56	1.30	9.30	27.80
		0.2	50	2691	1270	99.06	29.04	68.45	20.06	19.81	1.25	8.68	25.96
		0.3	75	2472	1167	94.63	27.73	64.59	18.93	18.93	1.19	7.98	23.84
	Medium	0.1	25	2106	994	85.52	25.07	57.40	16.83	17.10	1.08	6.61	19.76
		0.2	50	2089	986	85.08	24.94	57.06	16.72	17.02	1.07	6.55	19.57
		0.3	75	2000	944	82.75	24.25	55.26	16.20	16.55	1.04	6.22	18.59
	Low	0.1	25	1357	640	64.28	18.84	41.35	12.12	12.86	0.81	3.90	11.65
		0.2	50	1389	655	65.29	19.14	42.08	12.33	13.06	0.82	4.01	11.99
		0.3	75	1376	649	64.88	19.02	41.79	12.25	12.98	0.82	3.96	11.85
30	High	0.1	25	2977	1405	104.83	30.72	73.44	21.53	20.97	1.32	9.65	28.83
		0.2	50	2755	1300	100.32	29.40	69.56	20.39	20.06	1.27	8.89	26.57
		0.3	75	2517	1188	95.56	28.01	65.39	19.17	19.11	1.21	8.12	24.28
	Medium	0.1	25	2759	1302	100.40	29.43	69.63	20.41	20.08	1.27	8.90	26.61
		0.2	50	2526	1192	95.74	28.06	65.55	19.21	19.15	1.21	8.15	24.36
		0.3	75	2276	1074	89.84	26.33	60.79	17.82	17.97	1.13	7.24	21.65
	Low	0.1	25	2599	1226	97.22	28.50	66.84	19.59	19.44	1.23	8.39	25.07
		0.2	50	2365	1116	92.06	26.98	62.54	18.33	18.41	1.16	7.58	22.65
		0.3	75	2103	992	85.44	25.04	57.34	16.81	17.09	1.08	6.60	19.72

Table 34

Capacity Ratings (DYP - 6 Rows), 50Hz

Size	Speed	External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	2731	1289	125.67	36.83	82.08	24.06	25.13	1.59	17.02	50.87
		0.2	50	2539	1198	119.74	35.10	77.65	22.76	23.95	1.51	15.57	46.55
		0.3	75	2325	1097	112.81	33.06	72.55	21.26	22.56	1.42	13.96	41.72
	Medium	0.1	25	2107	994	105.45	30.91	67.23	19.71	21.09	1.33	12.33	36.87
		0.2	50	2054	969	103.63	30.37	65.92	19.32	20.73	1.31	11.95	35.71
		0.3	75	1942	916	99.70	29.22	63.12	18.50	19.94	1.26	11.13	33.27
	Low	0.1	25	1360	642	75.61	22.16	46.92	13.75	15.12	0.95	6.71	20.06
		0.2	50	1396	659	77.24	22.64	47.99	14.07	15.45	0.97	6.98	20.86
		0.3	75	1356	640	75.43	22.11	46.80	13.72	15.09	0.95	6.68	19.98
30	High	0.1	25	2794	1318	127.52	37.38	83.50	24.47	25.50	1.61	17.48	52.25
		0.2	50	2583	1219	121.13	35.50	78.68	23.06	24.23	1.53	15.91	47.54
		0.3	75	2360	1114	113.97	33.40	73.39	21.51	22.79	1.44	14.22	42.51
	Medium	0.1	25	2591	1223	121.38	35.58	78.86	23.11	24.28	1.53	15.97	47.72
		0.2	50	2371	1119	114.33	33.51	73.65	21.59	22.87	1.44	14.30	42.76
		0.3	75	2135	1008	106.41	31.19	67.92	19.91	21.28	1.34	12.54	37.49
	Low	0.1	25	2446	1154	116.77	34.22	75.45	22.11	23.35	1.47	14.87	44.45
		0.2	50	2221	1048	109.33	32.05	70.03	20.53	21.87	1.38	13.18	39.39
		0.3	75	1974	932	100.84	29.55	63.93	18.74	20.17	1.27	11.36	33.97

Table 35

Note :

Air entering temperature DB/WB 80/67°F (27/19.5°C) & 45/55°F (7.2/12.8°C) entering/ leaving chilled water temperature.

SKM Fan Coil Units

Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DYP - 3 Rows), 60Hz

Size	Speed	External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	2791	1317	84.73	24.83	60.98	17.87	16.95	1.07	11.09	33.14
		0.2	50	2804	1323	84.93	24.89	61.16	17.93	16.99	1.07	11.13	33.28
		0.3	75	2799	1321	84.84	24.87	61.09	17.90	16.97	1.07	11.11	33.22
	Medium	0.1	25	1740	821	66.59	19.52	44.71	13.11	13.32	0.84	7.09	21.18
		0.2	50	1686	796	65.35	19.15	43.74	12.82	13.07	0.82	6.84	20.46
		0.3	75	1739	821	66.56	19.51	44.70	13.10	13.31	0.84	7.08	21.17
	Low	0.1	25	1454	686	59.79	17.52	39.40	11.55	11.96	0.75	5.80	17.35
		0.2	50	1259	594	54.69	16.03	35.54	10.42	10.94	0.69	4.92	14.71
		0.3	75	1127	532	50.98	14.94	32.79	9.61	10.20	0.64	4.32	12.92
30	High	0.1	25	3564	1682	98.19	28.78	72.43	21.23	19.64	1.24	14.59	43.62
		0.2	50	3414	1611	95.62	28.03	70.25	20.59	19.12	1.21	13.89	41.51
		0.3	75	3239	1528	92.57	27.13	67.67	19.83	18.51	1.17	13.07	39.07
	Medium	0.1	25	3074	1451	89.67	26.28	65.21	19.11	17.93	1.13	12.32	36.83
		0.2	50	2919	1377	86.94	25.48	62.89	18.43	17.39	1.10	11.63	34.76
		0.3	75	2730	1288	83.83	24.57	60.12	17.62	16.77	1.06	10.87	32.49
	Low	0.1	25	2544	1201	80.99	23.74	57.44	16.84	16.20	1.02	10.19	30.47
		0.2	50	2485	1173	80.05	23.46	56.57	16.58	16.01	1.01	9.98	29.82
		0.3	75	2363	1115	78.09	22.89	54.75	16.05	15.62	0.99	9.52	28.47

Table 36

Capacity Ratings (DYP - 4 Rows), 60Hz

Size	Speed	External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	2798	1320	101.15	29.65	70.30	20.61	20.23	1.28	9.03	26.98
		0.2	50	2805	1324	101.29	29.69	70.42	20.64	20.26	1.28	9.05	27.05
		0.3	75	2789	1316	100.98	29.60	70.15	20.56	20.20	1.27	9.00	26.90
	Medium	0.1	25	1723	813	75.22	22.05	49.48	14.50	15.04	0.95	5.21	15.58
		0.2	50	1688	797	74.23	21.76	48.73	14.28	14.85	0.94	5.09	15.20
		0.3	75	1757	829	76.18	22.33	50.20	14.71	15.24	0.96	5.34	15.95
	Low	0.1	25	1425	672	66.42	19.47	42.91	12.58	13.28	0.84	4.14	12.38
		0.2	50	1242	586	60.54	17.74	38.64	11.33	12.11	0.76	3.49	10.43
		0.3	75	1118	528	56.29	16.50	35.64	10.44	11.26	0.71	3.05	9.12
30	High	0.1	25	3475	1640	115.11	33.74	82.16	24.08	23.02	1.45	11.48	34.32
		0.2	50	3318	1566	111.88	32.79	79.43	23.28	22.38	1.41	10.89	32.54
		0.3	75	3142	1483	108.24	31.72	76.35	22.38	21.65	1.37	10.24	30.60
	Medium	0.1	25	3006	1419	105.43	30.90	73.95	21.68	21.09	1.33	9.75	29.14
		0.2	50	2842	1341	102.05	29.91	71.07	20.83	20.41	1.29	9.18	27.43
		0.3	75	2650	1251	98.25	28.80	67.74	19.85	19.65	1.24	8.55	25.56
	Low	0.1	25	2530	1194	95.82	28.09	65.62	19.23	19.16	1.21	8.16	24.40
		0.2	50	2451	1157	94.17	27.60	64.21	18.82	18.83	1.19	7.90	23.63
		0.3	75	2315	1092	90.82	26.62	61.56	18.04	18.16	1.15	7.39	22.09

Table 37

Capacity Ratings (DYP - 6 Rows), 60Hz

Size	Speed	External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	2805	1324	127.87	37.48	83.75	24.55	25.57	1.61	17.57	52.51
		0.2	50	2794	1318	127.52	37.38	83.50	24.47	25.50	1.61	17.48	52.25
		0.3	75	2753	1299	126.32	37.02	82.58	24.20	25.26	1.59	17.18	51.35
	Medium	0.1	25	1698	801	90.37	26.49	56.68	16.61	18.07	1.14	9.30	27.79
		0.2	50	1703	804	90.58	26.55	56.82	16.65	18.12	1.14	9.34	27.91
		0.3	75	1798	848	94.50	27.70	59.46	17.43	18.90	1.19	10.09	30.16
	Low	0.1	25	1374	648	76.25	22.35	47.34	13.87	15.25	0.96	6.82	20.37
		0.2	50	1211	571	68.70	20.14	42.43	12.44	13.74	0.87	5.63	16.84
		0.3	75	1103	521	63.53	18.62	39.10	11.46	12.71	0.80	4.89	14.61
30	High	0.1	25	3299	1557	144.77	42.43	95.80	28.08	28.95	1.83	22.07	65.98
		0.2	50	3138	1481	139.33	40.84	91.92	26.94	27.87	1.76	20.57	61.50
		0.3	75	2961	1397	133.23	39.05	87.58	25.67	26.65	1.68	18.95	56.63
	Medium	0.1	25	2864	1352	129.89	38.07	85.20	24.97	25.98	1.64	18.08	54.05
		0.2	50	2693	1271	124.52	36.50	81.22	23.80	24.90	1.57	16.73	50.02
		0.3	75	2502	1181	118.56	34.75	76.77	22.50	23.71	1.50	15.29	45.71
	Low	0.1	25	2483	1172	117.96	34.57	76.33	22.37	23.59	1.49	15.15	45.28
		0.2	50	2372	1119	114.36	33.52	73.68	21.60	22.87	1.44	14.31	42.78
		0.3	75	2218	1047	109.23	32.02	69.96	20.50	21.85	1.38	13.16	39.33

Table 38

Note :

Air entering temperature DB/WB 80/67°F (27/19.5°C) & 45/55°F (7.2/12.8°C) entering/ leaving chilled water temperature.



SKM Fan Coil Units Hi-Static Fan Coil Units

Nominal Capacity Ratings (50Hz)

Models DCYP

Size	Nominal Airflow	3 Rows							4 Rows							6 Rows							
		Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Water Velocity	Leaving Dry Bulb	Leaving Wet Bulb	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Water Velocity	Leaving Dry Bulb	Leaving Wet Bulb	Total Capacity	Sensible Capacity	Water Flow Rate	Water Pressure Drop	Water Velocity	Leaving Dry Bulb	Leaving Wet Bulb	
		cfm	MBh	MBh	gpm	ftwg	fps	°F	°F	MBh	MBh	gpm	ftwg	fps	°F	°F	MBh	MBh	gpm	ftwg	fps	°F	°F
		l/s	kW	kW	l/s	kPa	m/s	°C	°C	kW	kW	l/s	kPa	m/s	°C	°C	kW	kW	l/s	kPa	m/s	°C	°C
28	2800	67.59	55.92	8.45	6.77	3.49	59.59	57.34	80.52	63.87	10.07	5.54	3.11	56.98	55.72	113.39	79.80	14.17	13.91	4.38	51.73	51.35	
	1321	19.81	16.39	0.53	20.23	1.06	15.33	14.08	23.60	18.72	0.64	16.55	0.95	13.88	13.18	33.23	23.39	0.89	41.59	1.34	10.96	10.75	
30	3000	70.78	58.90	8.85	7.35	3.65	59.90	57.53	84.38	67.39	10.55	6.02	3.26	57.30	55.95	120.89	85.11	15.11	15.59	4.68	51.85	51.42	
	1416	20.75	17.26	0.56	21.97	1.11	15.50	14.18	24.73	19.75	0.67	18.00	0.99	14.05	13.31	35.43	24.94	0.95	46.59	1.42	11.03	10.79	

Table 39

Notes:

Chilled water capacity ratings are based on nominal air flow rate; air entering temperature DB/WB 78/65°F (25.5/20.6°C) & 42/58°F (5.6/16.2°C) entering/ leaving chilled water temperature.

For conditions other than rated, use SKM FCU Computer Selection Software.

Air Flow Rates (50 Hz)

Model DCYP

Speed	DCYP	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
			Pa	25	50	75	100	25	50	75	100	25	50	75
High	28	cfm	3049	2899	2691	2439	3015	2852	2639	2389	2937	2758	2542	2296
		l/s	1439	1368	1270	1151	1423	1346	1245	1127	1386	1302	1200	1084
	30	cfm	3245	3018	2765	2489	3180	2953	2705	2434	3056	2835	2594	2335
		l/s	1532	1424	1305	1174	1501	1394	1276	1149	1442	1338	1224	1102
Medium	28	cfm	2074	2109	2068	1952	2083	2108	2056	1933	2098	2101	2029	1895
		l/s	978	995	976	921	983	995	970	912	990	992	957	894
	30	cfm	3009	2769	2501	2208	2949	2711	2448	2161	2836	2603	2349	2075
		l/s	1420	1307	1180	1042	1392	1279	1155	1020	1338	1228	1109	979
Low	28	cfm	1369	1369	1396	1324	1366	1372	1395	1316	1361	1378	1391	1299
		l/s	646	646	659	625	644	647	658	621	642	650	656	613
	30	cfm	2814	2585	2313	2006	2765	2534	2265	1963	2668	2437	2175	1887
		l/s	1328	1220	1091	947	1305	1196	1069	927	1259	1150	1026	891

Table 40

Speed	DCYP	inwg	3 Rows				4 Rows				6 Rows			
			External Static Pressure											
			0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4
			Pa	25	50	75	100	25	50	75	100	25	50	75
High	28	cfm	2779	2797	2805	2791	2784	2800	2804	2783	2792	2805	2798	2762
		l/s	1312	1320	1324	1317	1314	1321	1323	1313	1318	1324	1320	1303
	30	cfm	3686	3553	3390	3199	3639	3498	3331	3138	3539	3388	3215	3022
		l/s	1739	1677	1600	1509	1717	1651	1572	1481	1670	1599	1517	1426
Medium	28	cfm	1786	1694	1709	1801	1772	1690	1716	1811	1747	1686	1733	1830
		l/s	843	799	806	850	836	798	810	855	824	796	818	863
	30	cfm	3167	3036	2860	2644	3133	2993	2811	2594	3060	2905	2717	2501
		l/s	1494	1433	1349	1248	1479	1412	1327	1224	1444	1371	1282	1180
Low	28	cfm	1534	1323	1170	1082	1515	1312	1164	1080	1481	1291	1153	1076
		l/s	724	625	552	511	715	619	549	509	699	609	544	508
	30	cfm	2556	2526	2435	2278	2553	2513	2411	2247	2543	2482	2359	2185
		l/s	1206	1192	1149	1075	1205	1186	1138	1060	1200	1171	1113	1031

Table 41

SKM Fan Coil Units

Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 3 Rows)

Size	Speed	External Static Prsr.		50Hz										60Hz											
				Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop			
				inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa	inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s
28	High	0.1	25	3049	1439	60.30	17.67	56.47	16.55	7.54	0.48	5.52	16.51	0.1	25	2779	1311	56.78	16.64	52.65	15.43	7.10	0.45	4.96	14.84
		0.2	50	2899	1368	58.31	17.09	54.34	15.93	7.29	0.46	5.20	15.55	0.2	50	2797	1320	57.01	16.71	52.91	15.51	7.13	0.45	5.00	14.94
		0.3	75	2691	1270	55.70	16.33	51.42	15.07	6.96	0.44	4.80	14.34	0.3	75	2805	1324	57.11	16.74	53.02	15.54	7.14	0.45	5.01	14.99
	Medium	0.1	25	2074	979	48.60	14.24	42.80	12.54	6.07	0.38	3.76	11.24	0.1	25	1786	843	45.22	13.25	38.62	11.32	5.65	0.36	3.31	9.89
		0.2	50	2109	995	48.99	14.36	43.30	12.69	6.12	0.39	3.82	11.41	0.2	50	1694	799	44.06	12.91	37.24	10.92	5.51	0.35	3.16	9.45
		0.3	75	2068	976	48.53	14.22	42.71	12.52	6.07	0.38	3.75	11.22	0.3	75	1709	806	44.26	12.97	37.47	10.98	5.53	0.35	3.18	9.52
	Low	0.1	25	1369	646	39.46	11.56	32.06	9.40	4.93	0.31	2.60	7.76	0.1	25	1534	724	41.92	12.29	34.76	10.19	5.24	0.33	2.89	8.65
		0.2	50	1369	646	39.46	11.56	32.06	9.40	4.93	0.31	2.60	7.76	0.2	50	1323	624	38.71	11.35	31.27	9.17	4.84	0.31	2.51	7.50
		0.3	75	1396	659	39.88	11.69	32.51	9.53	4.99	0.31	2.65	7.91	0.3	75	1170	552	36.23	10.62	28.65	8.40	4.53	0.29	2.23	6.67
30	High	0.1	25	3245	1531	52.68	15.44	52.68	15.44	6.58	0.42	4.34	12.98	0.1	25	3686	1739	57.05	16.72	57.05	16.72	7.13	0.45	5.00	14.96
		0.2	50	3018	1424	59.88	17.55	56.02	16.42	7.48	0.47	5.45	16.31	0.2	50	3553	1677	55.65	16.31	55.65	16.31	6.96	0.44	4.79	14.31
		0.3	75	2765	1305	56.61	16.59	52.46	15.38	7.08	0.45	4.94	14.75	0.3	75	3390	1600	54.03	15.84	54.03	15.84	6.75	0.43	4.54	13.58
	Medium	0.1	25	3009	1420	59.76	17.51	55.90	16.38	7.47	0.47	5.44	16.25	0.1	25	3167	1495	51.99	15.24	51.99	15.24	6.50	0.41	4.24	12.68
		0.2	50	2769	1307	56.66	16.61	52.51	15.39	7.08	0.45	4.94	14.78	0.2	50	3036	1433	60.12	17.62	56.28	16.50	7.52	0.47	5.49	16.42
		0.3	75	2501	1180	53.46	15.67	48.77	14.30	6.68	0.42	4.46	13.32	0.3	75	2860	1350	57.80	16.94	53.79	15.77	7.23	0.46	5.12	15.31
	Low	0.1	25	2814	1328	57.22	16.77	53.15	15.58	7.15	0.45	5.03	15.04	0.1	25	2556	1206	54.10	15.86	49.54	14.52	6.76	0.43	4.55	13.61
		0.2	50	2585	1220	54.44	15.96	49.94	14.64	6.80	0.43	4.60	13.76	0.2	50	2526	1192	53.75	15.75	49.12	14.40	6.72	0.42	4.50	13.45
		0.3	75	2313	1092	51.30	15.04	46.16	13.53	6.41	0.40	4.14	12.38	0.3	75	2405	1149	52.69	15.44	47.86	14.03	6.59	0.42	4.34	12.99

Table 42

Capacity Ratings (DCYP - 4 Rows)

Size	Speed	External Static Prsr.		50Hz										60Hz											
				Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop			
				inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa	inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s
28	High	0.1	25	3015	1423	71.75	21.03	63.95	18.74	8.97	0.57	4.51	13.48	0.1	25	2784	1314	68.09	19.96	60.10	17.61	8.51	0.54	4.11	12.28
		0.2	50	2852	1346	69.15	20.27	61.23	17.95	8.64	0.55	4.22	12.62	0.2	50	2800	1321	68.34	20.03	60.36	17.69	8.54	0.54	4.14	12.36
		0.3	75	2639	1245	65.88	19.31	57.70	16.91	8.23	0.52	3.87	11.58	0.3	75	2804	1323	68.40	20.05	60.43	17.71	8.55	0.54	4.14	12.38
	Medium	0.1	25	2083	983	57.54	16.87	48.39	14.18	7.19	0.45	3.05	9.10	0.1	25	1772	836	52.57	15.41	42.95	12.59	6.57	0.41	2.59	7.75
		0.2	50	2108	995	57.93	16.98	48.82	14.31	7.24	0.46	3.08	9.21	0.2	50	1690	798	51.15	14.99	41.46	12.15	6.39	0.40	2.47	7.39
		0.3	75	2056	970	57.13	16.74	47.93	14.05	7.14	0.45	3.01	8.99	0.3	75	1716	810	51.61	15.13	41.94	12.29	6.45	0.41	2.51	7.50
	Low	0.1	25	1366	645	45.29	13.27	35.40	10.38	5.66	0.36	1.99	5.95	0.1	25	1515	715	48.02	14.08	38.21	11.20	6.00	0.38	2.21	6.60
		0.2	50	1372	647	45.40	13.31	35.52	10.41	5.67	0.36	2.00	5.97	0.2	50	1312	619	44.27	12.98	34.37	10.07	5.53	0.35	1.91	5.71
		0.3	75	1395	658	45.83	13.43	35.96	10.54	5.73	0.36	2.03	6.07	0.3	75	1164	549	41.39	12.13	31.49	9.23	5.17	0.33	1.70	5.07
30	High	0.1	25	3180	1501	74.49	21.83	66.73	19.56	9.31	0.59	4.82	14.41	0.1	25	3639	1717	82.87	24.29	74.66	21.88	10.36	0.65	5.83	17.42
		0.2	50	2953	1394	70.75	20.74	62.91	18.44	8.84	0.56	4.40	13.15	0.2	50	3498	1651	80.16	23.50	72.19	21.16	10.02	0.63	5.49	16.42
		0.3	75	2705	1276	66.88	19.60	58.79	17.23	8.36	0.53	3.98	11.90	0.3	75	3331	1572	77.11	22.60	69.30	20.31	9.64	0.61	5.13	15.33
	Medium	0.1	25	2949	1392	70.69	20.72	62.84	18.42	8.84	0.56	4.39	13.13	0.1	25	3133	1478	73.69	21.60	65.93	19.33	9.21	0.58	4.73	14.14
		0.2	50	2711	1279	66.97	19.63	58.89	17.26	8.37	0.53	3.99	11.92	0.2	50	2993	1412	71.39	20.92	63.58	18.63	8.92	0.56	4.47	13.36
		0.3	75	2448	1155	63.01	18.47	54.53	15.98	7.88	0.50	3.58	10.70	0.3	75	2811	1327	68.51	20.08	60.54	17.75	8.56	0.54	4.15	12.42
	Low	0.1	25	2765	1305	67.80	19.87	59.78	17.52	8.47	0.53	4.08	12.19	0.1	25	2553	1205	64.58	18.93	56.27	16.49	8.07	0.51	3.74	11.18
		0.2	50	2534	1196	64.30	18.85	55.95	16.40	8.04	0.51	3.71	11.09	0.2	50	2513	1186	63.98	18.75	55.61	16.30	8.00	0.50	3.68	11.00
		0.3	75	2265	1069	60.29	17.67	51.47	15.09	7.54	0.48	3.31	9.89	0.3	75	2411	1138	62.46	18.31	53.91	15.80	7.81	0.49	3.52	10.53

Table 43

Note :

Air entering temperature DB/WB 76/63°F (24.4/17.2°C) & 42/58°F (5.5/14.4°C) entering/ leaving chilled water temperature.



SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 3 Rows)

Size	Speed	External Static Prsr.		50Hz										60Hz											
				Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inw/g	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa	inw/g	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	3049	1439	71.61	20.99	59.64	17.48	8.95	0.56	7.50	22.43	0.1	25	2779	1311	67.27	19.72	55.62	16.30	8.41	0.53	6.71	20.06
		0.2	50	2899	1368	69.13	20.26	57.39	16.82	8.64	0.55	7.05	21.06	0.2	50	2797	1320	67.54	19.80	55.88	16.38	8.44	0.53	6.76	20.21
		0.3	75	2691	1270	65.97	19.33	54.33	15.92	8.25	0.52	6.48	19.38	0.3	75	2805	1324	67.66	19.83	56.00	16.41	8.46	0.53	6.78	20.27
	Medium	0.1	25	2074	979	57.82	16.95	45.48	13.33	7.23	0.46	5.13	15.32	0.1	25	1786	843	54.11	15.86	41.28	12.10	6.76	0.43	4.55	13.61
		0.2	50	2109	995	58.26	17.08	45.99	13.48	7.28	0.46	5.19	15.53	0.2	50	1694	799	52.85	15.49	39.89	11.69	6.61	0.42	4.37	13.05
		0.3	75	2068	976	57.75	16.93	45.39	13.31	7.22	0.46	5.11	15.29	0.3	75	1709	806	53.06	15.55	40.12	11.76	6.63	0.42	4.40	13.15
	Low	0.1	25	1369	646	47.72	13.99	34.66	10.16	5.96	0.38	3.64	10.89	0.1	25	1534	724	50.48	14.80	37.39	10.96	6.31	0.40	4.02	12.03
		0.2	50	1369	646	47.72	13.99	34.66	10.16	5.96	0.38	3.64	10.89	0.2	50	1323	624	46.87	13.74	33.86	9.92	5.86	0.37	3.53	10.54
		0.3	75	1396	659	48.20	14.13	35.12	10.29	6.02	0.38	3.71	11.08	0.3	75	1170	552	43.75	12.82	31.06	9.10	5.47	0.35	3.12	9.33
30	High	0.1	25	3245	1531	75.17	22.03	62.68	18.37	9.40	0.59	8.18	24.46	0.1	25	3686	1739	86.01	25.21	70.48	20.66	10.75	0.68	10.41	31.11
		0.2	50	3018	1424	71.08	20.83	59.17	17.34	8.89	0.56	7.41	22.14	0.2	50	3553	1677	82.69	24.24	68.12	19.97	10.34	0.65	9.70	28.99
		0.3	75	2765	1305	67.06	19.66	55.41	16.24	8.38	0.53	6.68	19.95	0.3	75	3390	1600	78.64	23.05	65.22	19.12	9.83	0.62	8.87	26.51
	Medium	0.1	25	3009	1420	70.93	20.79	59.04	17.30	8.87	0.56	7.38	22.05	0.1	25	3167	1495	73.70	21.60	61.45	18.01	9.21	0.58	7.90	23.61
		0.2	50	2769	1307	67.12	19.67	55.47	16.26	8.39	0.53	6.69	19.98	0.2	50	3036	1433	71.39	20.92	59.44	17.42	8.92	0.56	7.46	22.31
		0.3	75	2501	1180	63.31	18.56	51.59	15.12	7.91	0.50	6.02	18.01	0.3	75	2860	1350	68.51	20.08	56.81	16.65	8.56	0.54	6.94	20.73
	Low	0.1	25	2814	1328	67.80	19.87	56.13	16.45	8.48	0.53	6.81	20.35	0.1	25	2556	1206	64.06	18.78	52.38	15.35	8.01	0.51	6.15	18.39
		0.2	50	2585	1220	64.46	18.89	52.80	15.48	8.06	0.51	6.22	18.59	0.2	50	2526	1192	63.65	18.65	51.95	15.23	7.96	0.50	6.08	18.18
		0.3	75	2313	1092	60.83	17.83	48.91	14.33	7.60	0.48	5.61	16.77	0.3	75	2455	1149	62.42	18.30	50.65	14.84	7.80	0.49	5.87	17.56

Table 44

Capacity Ratings (DCYP - 4 Rows)

Size	Speed	External Static Prsr.		50Hz										60Hz											
				Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
		inw/g	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa	inw/g	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa
28	High	0.1	25	3015	1423	71.75	21.03	63.95	18.74	8.97	0.57	4.51	13.48	0.1	25	2784	1314	68.09	19.96	60.10	17.61	8.51	0.54	4.11	12.28
		0.2	50	2852	1346	69.15	20.27	61.23	17.95	8.64	0.55	4.22	12.62	0.2	50	2800	1321	68.34	20.03	60.36	17.69	8.54	0.54	4.14	12.36
		0.3	75	2639	1245	65.88	19.31	57.70	16.91	8.23	0.52	3.87	11.58	0.3	75	2804	1323	68.40	20.05	60.43	17.71	8.55	0.54	4.14	12.38
	Medium	0.1	25	2083	983	57.54	16.87	48.39	14.18	7.19	0.45	3.05	9.10	0.1	25	1772	836	52.57	15.41	42.95	12.59	6.57	0.41	2.59	7.75
		0.2	50	2108	995	57.93	16.98	48.82	14.31	7.24	0.46	3.08	9.21	0.2	50	1690	798	51.15	14.99	41.46	12.15	6.39	0.40	2.47	7.39
		0.3	75	2056	970	57.13	16.74	47.93	14.05	7.14	0.45	3.01	8.99	0.3	75	1716	810	51.61	15.13	41.94	12.29	6.45	0.41	2.51	7.50
	Low	0.1	25	1366	645	45.29	13.27	35.40	10.38	5.66	0.36	1.99	5.95	0.1	25	1515	715	48.02	14.08	38.21	11.20	6.00	0.38	2.21	6.60
		0.2	50	1372	647	45.40	13.31	35.52	10.41	5.67	0.36	2.00	5.97	0.2	50	1312	619	44.27	12.98	34.37	10.07	5.53	0.35	1.91	5.71
		0.3	75	1395	658	45.83	13.43	35.96	10.54	5.73	0.36	2.03	6.07	0.3	75	1164	549	41.39	12.13	31.49	9.23	5.17	0.33	1.70	5.07
30	High	0.1	25	3180	1501	74.49	21.83	66.73	19.56	9.31	0.59	4.82	14.41	0.1	25	3639	1717	82.87	24.29	74.66	21.88	10.36	0.65	5.83	17.42
		0.2	50	2953	1394	70.75	20.74	62.91	18.44	8.84	0.56	4.40	13.15	0.2	50	3498	1651	80.16	23.50	72.19	21.16	10.02	0.63	5.49	16.42
		0.3	75	2705	1276	66.88	19.60	58.79	17.23	8.36	0.53	3.98	11.90	0.3	75	3331	1572	77.11	22.60	69.30	20.31	9.64	0.61	5.13	15.33
	Medium	0.1	25	2849	1392	70.69	20.72	62.84	18.42	8.84	0.56	4.39	13.13	0.1	25	3133	1478	73.69	21.60	65.93	19.33	9.21	0.58	4.73	14.14
		0.2	50	2711	1279	66.97	19.63	58.89	17.26	8.37	0.53	3.99	11.92	0.2	50	2993	1412	71.39	20.92	63.58	18.63	8.92	0.56	4.47	13.36
		0.3	75	2448	1155	63.01	18.47	54.53	15.98	7.88	0.50	3.58	10.70	0.3	75	2811	1327	68.51	20.08	60.54	17.75	8.56	0.54	4.15	12.42
	Low	0.1	25	2765	1305	67.80	19.87	59.78	17.52	8.47	0.53	4.08	12.19	0.1	25	2553	1205	64.58	18.93	56.27	16.49	8.07	0.51	3.74	11.18
		0.2	50	2534	1196	64.30	18.85	55.95	16.40	8.04	0.51	3.71	11.09	0.2	50	2513	1186	63.98	18.75	55.61	16.30	8.00	0.50	3.68	11.00
		0.3	75	2265	1069	60.29	17.67	51.47	15.09	7.54	0.48	3.31	9.89	0.3	75	2411	1138	62.46	18.31	53.91	15.80	7.81	0.49	3.52	10.53

Table 45

Note :

Air entering temperature DB/WB 78/65°F (25.5/18.3°C) & 42/58°F (5.5/14.4°C) entering/ leaving chilled water temperature.

SKM Fan Coil Units Hi-Static Fan Coil Units

Chilled Water

Capacity Ratings (DCYP - 6 Rows)

Size	Speed	External Static Prsr.		50Hz								60Hz													
				Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
				inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa	inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s
28	High	0.1	25	2937	1386	98.37	28.83	76.87	22.53	12.30	0.78	10.82	32.34	0.1	25	2792	1318	94.73	27.77	73.68	21.60	11.84	0.75	10.12	30.25
		0.2	50	2758	1302	93.90	27.52	72.94	21.38	11.74	0.74	9.96	29.79	0.2	50	2805	1324	95.05	27.86	73.96	21.68	11.88	0.75	10.18	30.44
		0.3	75	2542	1200	88.77	26.02	68.29	20.02	11.10	0.70	9.02	26.97	0.3	75	2798	1320	94.88	27.81	73.81	21.63	11.86	0.75	10.15	30.34
	Medium	0.1	25	2098	990	78.52	23.01	58.84	17.25	9.82	0.62	7.26	21.71	0.1	25	1747	824	69.91	20.49	51.12	14.98	8.74	0.55	5.91	17.68
		0.2	50	2101	991	78.59	23.04	58.91	17.27	9.82	0.62	7.27	21.74	0.2	50	1686	796	68.30	20.02	49.72	14.57	8.54	0.54	5.67	16.96
		0.3	75	2029	957	76.89	22.54	57.36	16.81	9.61	0.61	7.00	20.92	0.3	75	1733	818	69.54	20.38	50.80	14.89	8.69	0.55	5.86	17.51
	Low	0.1	25	1361	642	58.83	17.24	41.88	12.28	7.35	0.46	4.36	13.03	0.1	25	1481	699	62.52	18.32	44.87	13.15	7.82	0.49	4.85	14.51
		0.2	50	1378	650	59.37	17.40	42.31	12.40	7.42	0.47	4.43	13.24	0.2	50	1291	609	56.56	16.58	40.09	11.75	7.07	0.45	4.07	12.16
		0.3	75	1391	656	59.78	17.52	42.64	12.50	7.47	0.47	4.48	13.40	0.3	75	1153	544	51.82	15.19	36.43	10.68	6.48	0.41	3.48	10.42
30	High	0.1	25	3056	1442	101.70	29.81	79.62	23.34	12.71	0.80	11.48	34.31	0.1	25	3539	1670	117.73	34.51	91.78	26.90	14.72	0.93	14.87	44.46
		0.2	50	2835	1338	95.79	28.08	74.62	21.87	11.97	0.76	10.32	30.86	0.2	50	3388	1599	112.57	32.99	87.93	25.77	14.07	0.89	13.74	41.06
		0.3	75	2594	1224	89.99	26.38	69.40	20.34	11.25	0.71	9.24	27.63	0.3	75	3215	1517	106.78	31.30	83.55	24.49	13.35	0.84	12.51	37.40
	Medium	0.1	25	2836	1338	95.82	28.08	74.64	21.88	11.98	0.76	10.33	30.87	0.1	25	3060	1444	101.83	29.85	79.72	23.37	12.73	0.80	11.50	34.38
		0.2	50	2603	1228	90.20	26.44	69.60	20.40	11.27	0.71	9.28	27.74	0.2	50	2905	1371	97.55	28.59	76.16	22.32	12.19	0.77	10.66	31.87
		0.3	75	2349	1108	84.31	24.71	64.19	18.82	10.54	0.66	8.24	24.62	0.3	75	2717	1282	92.91	27.23	72.05	21.12	11.61	0.73	9.78	29.23
	Low	0.1	25	2668	1259	91.73	26.89	70.99	20.81	11.47	0.72	9.56	28.58	0.1	25	2543	1200	88.79	26.02	68.32	20.02	11.10	0.70	9.03	26.98
		0.2	50	2437	1150	86.33	25.30	66.06	19.36	10.79	0.68	8.59	25.67	0.2	50	2482	1171	87.37	25.61	67.02	19.64	10.92	0.69	8.77	26.22
		0.3	75	2175	1026	80.31	23.54	60.49	17.73	10.04	0.63	7.56	22.59	0.3	75	2359	1113	84.54	24.78	64.41	18.88	10.57	0.67	8.27	24.74

Table 46

Note :

Air entering temperature DB/WB 76/63°F (24.4/17.2°C) & 42/58°F (5.5/14.4°C) entering/ leaving chilled water temperature.

Capacity Ratings (DCYP - 6 Rows)

Size	Speed	External Static Prsr.		50Hz								60Hz													
				Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop		External Static Prsr.		Airflow Rate		Total Capacity		Sensible Capacity		Water Flow Rate		Water Pressure Drop	
				inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s	ftwg	kPa	inwg	Pa	cfm	l/s	MBh	kW	MBh	kW	gpm	l/s
28	High	0.1	25	3015	1423	71.75	21.03	63.95	18.74	8.97	0.57	4.51	13.48	0.1	25	2784	1314	68.09	19.96	60.10	17.61	8.51	0.54	4.11	12.28
		0.2	50	2852	1346	69.15	20.27	61.23	17.95	8.64	0.55	4.22	12.62	0.2	50	2800	1321	68.34	20.03	60.36	17.69	8.54	0.54	4.14	12.36
		0.3	75	2639	1245	65.88	19.31	57.70	16.91	8.23	0.52	3.87	11.58	0.3	75	2804	1323	68.40	20.05	60.43	17.71	8.55	0.54	4.14	12.38
	Medium	0.1	25	2083	983	57.54	16.87	48.39	14.18	7.19	0.45	3.05	9.10	0.1	25	1772	836	52.57	15.41	42.95	12.59	6.57	0.41	2.59	7.75
		0.2	50	2108	995	57.93	16.98	48.82	14.31	7.24	0.46	3.08	9.21	0.2	50	1690	798	51.15	14.99	41.46	12.15	6.39	0.40	2.47	7.39
		0.3	75	2056	970	57.13	16.74	47.93	14.05	7.14	0.45	3.01	8.99	0.3	75	1776	810	51.61	15.13	41.94	12.29	6.45	0.41	2.51	7.50
	Low	0.1	25	1366	645	45.29	13.27	35.40	10.38	5.66	0.36	1.99	5.95	0.1	25	1515	715	48.02	14.08	38.21	11.20	6.00	0.38	2.21	6.60
		0.2	50	1372	647	45.40	13.31	35.52	10.41	5.67	0.36	2.00	5.97	0.2	50	1312	619	44.27	12.98	34.37	10.07	5.53	0.35	1.91	5.71
		0.3	75	1395	658	45.83	13.43	35.96	10.54	5.73	0.36	2.03	6.07	0.3	75	1164	549	41.39	12.13	31.49	9.23	5.17	0.33	1.70	5.07
30	High	0.1	25	3180	1501	74.49	21.83	66.73	19.56	9.31	0.59	4.82	14.41	0.1	25	3639	1717	82.87	24.29	74.66	21.88	10.36	0.65	5.83	17.42
		0.2	50	2953	1394	70.75	20.74	62.91	18.44	8.84	0.56	4.40	13.15	0.2	50	3498	1651	80.16	23.50	72.19	21.16	10.02	0.63	5.49	16.42
		0.3	75	2705	1276	66.88	19.60	58.79	17.23	8.36	0.53	3.98	11.90	0.3	75	3331	1572	77.11	22.60	69.30	20.31	9.64	0.61	5.13	15.33
	Medium	0.1	25	2949	1392	70.69	20.72	62.84	18.42	8.84	0.56	4.39	13.13	0.1	25	3133	1478	73.69	21.60	65.93	19.33	9.21	0.58	4.73	14.14
		0.2	50	2711	1279	66.97	19.63	58.89	17.26	8.37	0.53	3.99	11.92	0.2	50	2993	1412	71.39	20.92	63.58	18.63	8.92	0.56	4.47	13.36
		0.3	75	2448	1155	63.01	18.47	54.53	15.98	7.88	0.50	3.58	10.70	0.3	75	2811	1327	68.51	20.08	60.54	17.75	8.56	0.54	4.15	12.42
	Low	0.1	25	2765	1305	67.80	19.87	59.78	17.52	8.47	0.53	4.08	12.19	0.1	25	2553	1205	64.58	18.93	56.27	16.49	8.07	0.51	3.74	11.18
		0.2	50	2534	1196	64.30	18.85	55.95	16.40	8.04	0.51	3.71	11.09	0.2	50	2513	1186	63.98	18.75	55.61	16.30	8.00	0.50	3.68	11.00
		0.3	75	2265	1069	60.29	17.67	51.47	15.09	7.54	0.48	3.31	9.89	0.3	75	2411	1138	62.46	18.31	53.91	15.80	7.81	0.49	3.52	10.53

Table 47

Note :

Air entering temperature DB/WB 78/65°F (25.5/18.3°C) & 42/58°F (5.5/14.4°C) entering/ leaving chilled water temperature.



SKM Fan Coil Units Hi-Static Fan Coil Units

Control System Description

Control System Operation

- CP-1:

Two pipe system with valve cycled cooling only.

Thermostat cycles an electric 2-way or 3-way motorized valve according to the set point. The fan runs as per the setting of fan mode (Hi-Med-Low-Auto).

- CP-2:

Two pipe system with total electric heat

The thermostat opens an electric 2-way or 3-way motorized valve on cooling coil or switches on the electric heater for heating depending on which is required to satisfy the thermostat setting. Heat/cool selection and fan speed selection is from the thermostat.

When ordering Code CP-2 and the electric heater option FEH, the auto high temperature cut out is provided as standard.

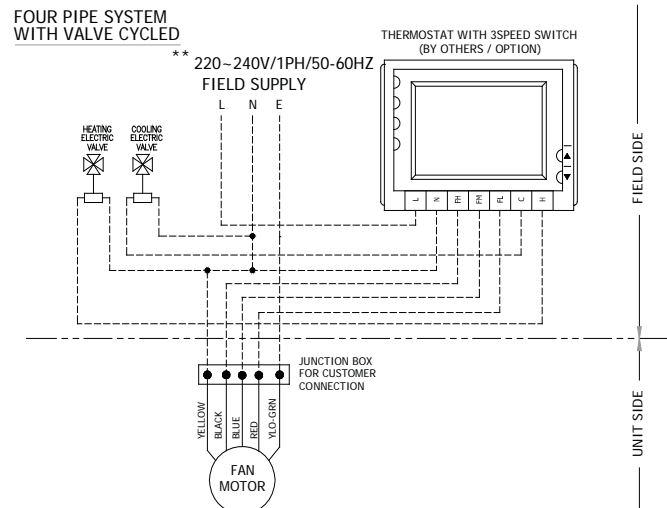
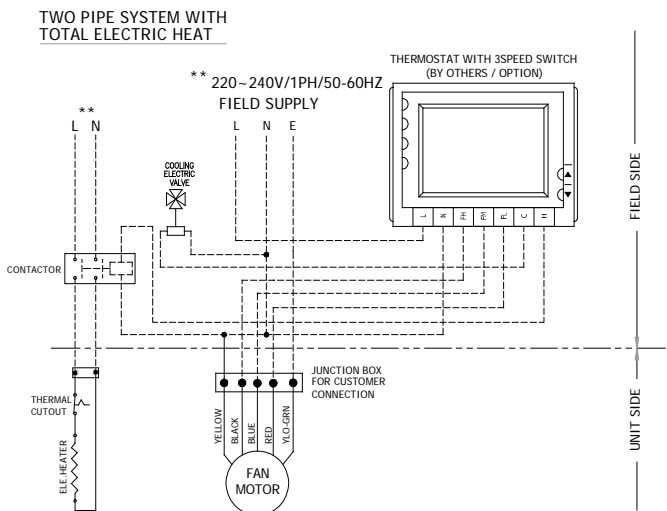
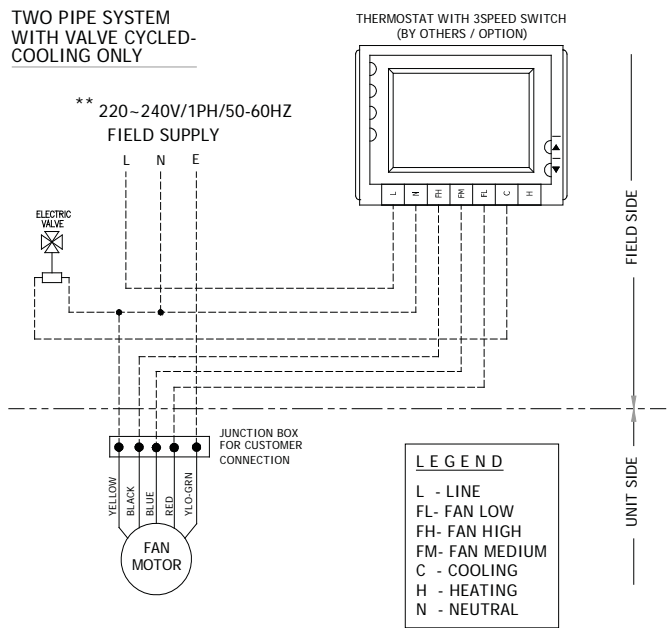
- CP-3:

Four pipe system with valve cycled*

The thermostat cycles 2 or 3-way motorized hot or chilled water valves to maintain desired room temperature. The thermostat with manual Heat- Cool selection prevents recycling.

The fan runs as per the setting of fan mode (Hi-Med-Low-Auto).

* Not applicable for district cooling



SKM Fan Coil Units

Hi-Static Fan Coil Units

Selection

Selection Considerations

In selecting Hi - Static Fan Coil units for a specific application the factors to be considered should include:

- Available space for the unit including floor to ceiling height.
- Type of application (Standard / District cooling)
- Presence of high sensible or peripheral loads in space.
- Functionality of intended space usage.
- Availability of access for pipes, drains & power.
- Compatibility with intended space finish.
- Fresh air and ventilation requirements.
- Noise level desired at peak or part load operations.
- Control system desired especially if winter heating is required.
- Economy of layout.

Once a particular model or models in the Hi - Static series is selected after consideration of the above factors, it is necessary to select the unit and coil size to match. It is possible to obtain different unit size with or without different coil depths to meet given design parameters.

The correct unit with correct coil size is obtained only when required cfm at defined speed; i.e. High, Medium or Low to meet sensible load of the space is matched to the correct coil providing the required sensible cooling or outlet temperature at given flow rate and design temperature rise with the unit operating at functional sound levels. To achieve this the engineer or designer must not only check aesthetic needs but also space limitations, psychrometric feasibility, circulation and ventilation, room acoustical effect, control system, piping accesses including overall chilled water circuits and effect of diversity on same.

Selection Procedure

It is recommend to use SKM selection software. If it is not suitable, then follow the procedure below :

1. Select unit that delivers approximately airflow required at desired speed and external static pressure from airflow rate tables. Select unit with airflow equal or more than that required.
2. Apply correction factors to selected unit and find out the actual total and sensible cooling capacity.
3. Repeat step 1 if required parameter is not met with actual values obtained from initially selected unit.

Control Packages

SKM provides a variety of control options, a few of which are mentioned below. Please consult SKM sales department for other control applications. Thermostat for Heat-Cool auto changeover must be field supplied and field installed by others, if necessary.

Control System

The control systems for SKM Hi - Static FCUs can be selected provided the application is identified for :

- Cooling/Heating.
- Cooling or Heating.

The control system can be:

- 2-pipe with valve cycled (Code CPI)
- 2-pipe with total electric heat (Code CP2)
- 4-pipe with valve cycled (Code CP3)

Control valves in the control system are available in 2-way and 3-way motorized versions with compression ends for easy field installation and replacement.

Location of the Thermostat determines need for a remote or unit mounted control.

For remote mounting, option available is:
Wall mounting Digital thermostat with cooling/heating selection and fan speed selection (Code RTH1).

For unit mounting, option available is:
Unit mounting Digital thermostat with cooling/heating selection, fan speed selection and external sensor (Code UTH1).

SKM Fan Coil Units Hi-Static Fan Coil Units

Valve Packages

SKM offers a wide variety of optional valve packages (Type 1 to Type 8 shown below) that can suit practically any application.

Any one of the following options may be chosen, considering application requirements:

1. Factory furnished and installed as a complete package. Specify Type number.
2. Furnished by the factory and field installed by the customer. Add prefix C to the valve package type; e.g. Type C1.

Specify your valve package requirements from the full line of accessories as follows :

- Gate or stop valve
- Globe or balancing valve
- 3-way motorized valve, electric
- 2-way motorized valve, electric

The type nos. are as corresponding to those shown in Fig.6. Combinations available can be selected as standard.

Combinations and/or requirements not covered in Figure 6, Types 1 to 8, may be available and should be referred to factory for selection.

Valve Packages

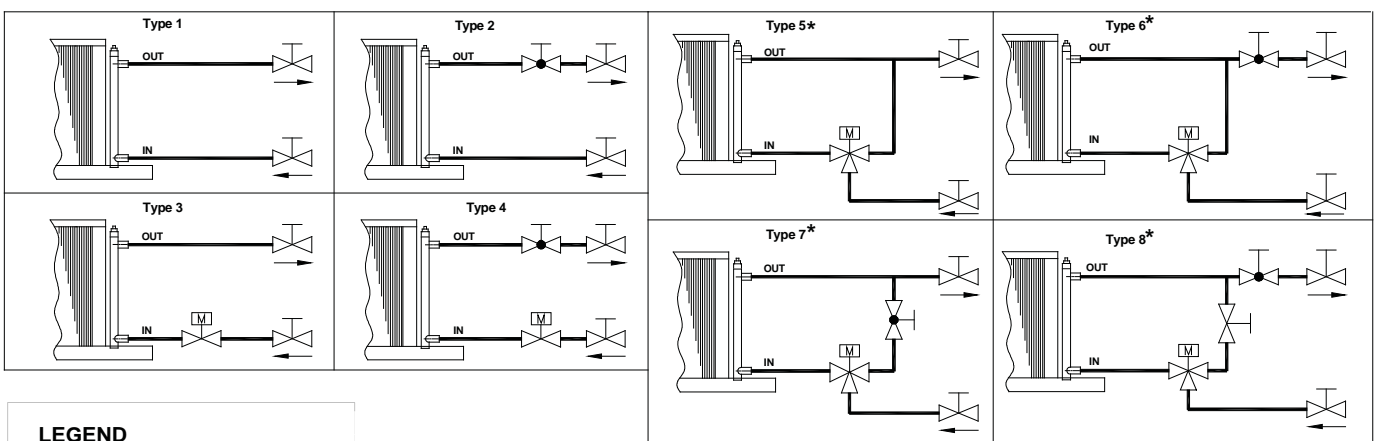






Figure 6

* Type 5 to Type 8 to installed outside the unit for DYF models.

LEGEND

-  Ball valve
-  Globe/Balancing valve
-  2 Way motorized valve
-  3 way motorized valve

Ordering & Selection Procedure

To correctly order the desired valve package and/or control package as a complete integrated control system, the following procedure should be adopted.

1. Select desired valve package. Type 1 to Type 8.
2. Decide to have same factory installed. Add prefix C to Type (eg. Type C1) if to be supplied only by SKM for field installation.
3. Select desired control package Code CP1 to CP3.
4. Select remote mounted or unit mounted thermostat.
5. Complete ordering code option 3CP2RTH1 shall provide a factory installed valve package with a 2 way electric motorized valve plus stop valve for the supply and return lines as shown in Type 3, Figure 6.

The control system is for a 2 pipe installation total electric heating (option FEH1 or FEH2 should have been ordered as from Table.1, Page-4)

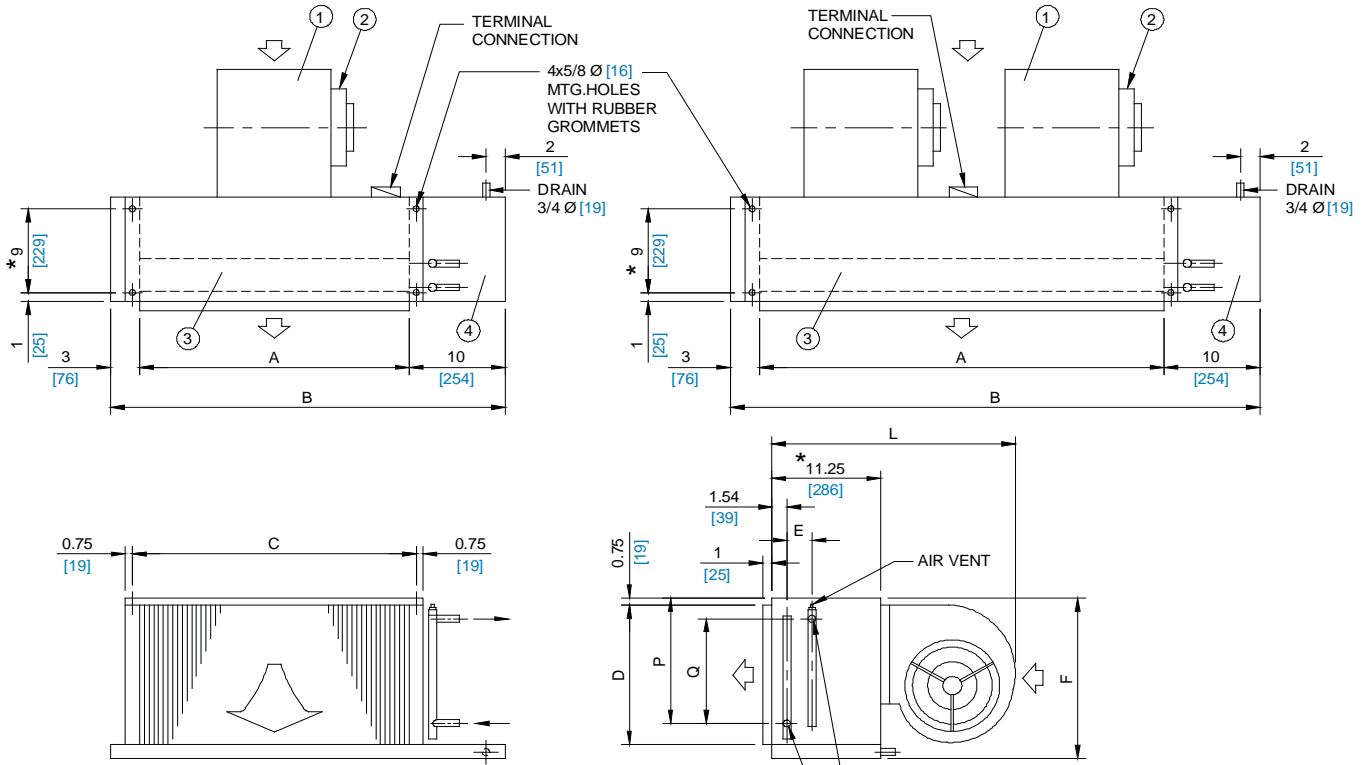
The control system is complete with a wall mounted digital cooling/heating thermostat with 3 speed switch and manual Heat-Off-Cool changeover switch.

SKM Fan Coil Units Hi-Static Fan Coil Units

Dimensional Data DYC & DCYC Models

UNIT SIZE 06 - 10

UNIT SIZE 12 - 24



LEFT HAND UNIT SHOWN
RIGHT HAND UNIT OPPOSITE

- LEGEND**
- ① SUPPLY FAN
 - ② FAN MOTOR
 - ③ COOLING COIL
 - ④ DRAIN PAN

E = 1.73" [44] FOR 3R
2.60" [66] FOR 4R
4.33" [110] FOR 6R

- * ADD 1.75 [45] FOR 6 ROW
- * ADD 1.75 [45] FOR 3 & 4 ROW WITH HEATER
- * ADD 3.85 [98] FOR 6 ROW WITH HEATER

ALL DIMENSIONS ARE IN INCHES [MM]

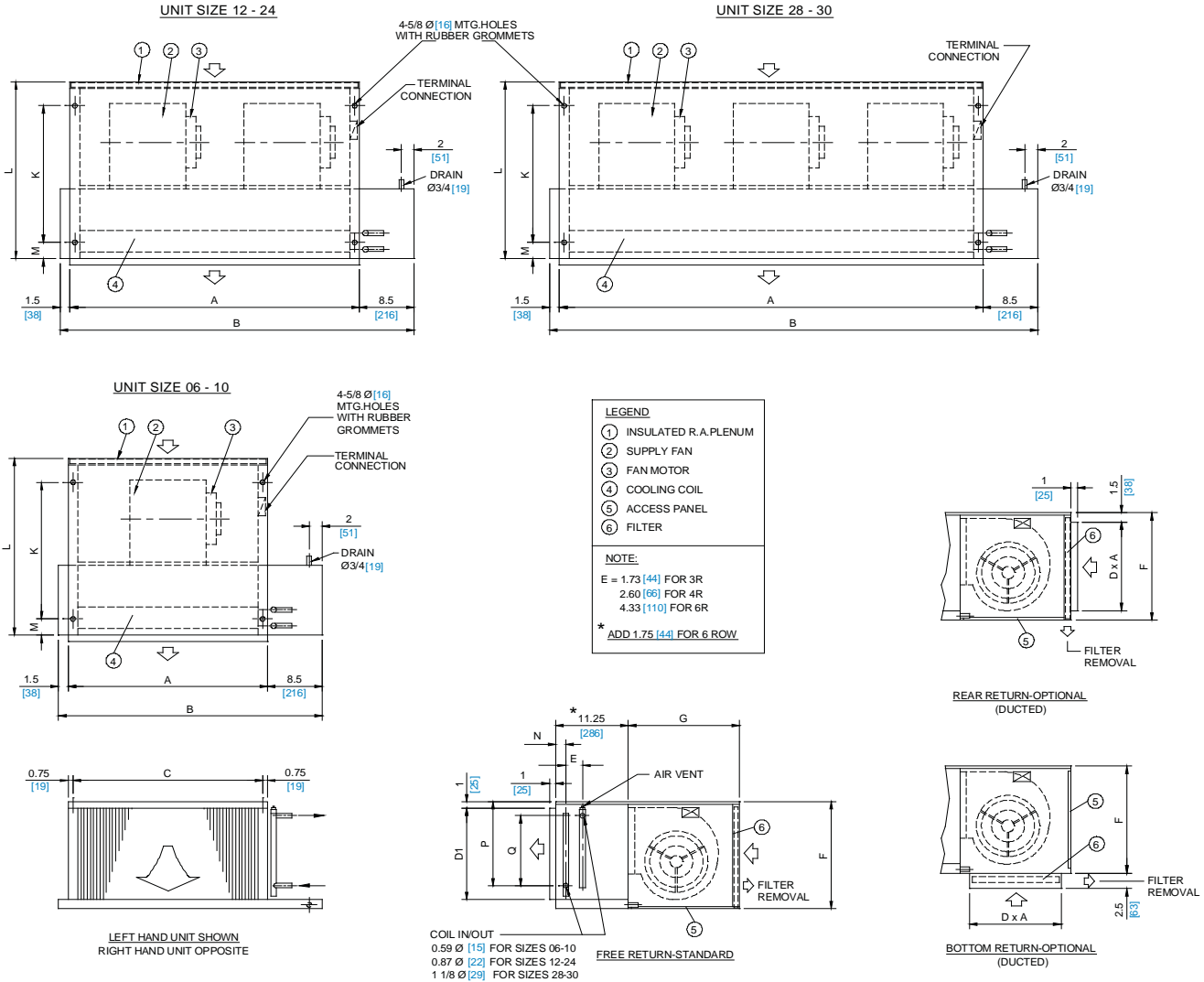
UNIT SIZE	A		B		C		D		F		L		P		Q	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
06	20	508	33	838	21.5	546	12	305	15	381	26.75	679	12	305	9.6	244
08	24	610	37	940	25.5	648	12	305	15	381	26.75	679	12	305	9.6	244
10	24	610	37	940	25.5	648	15	381	17.25	438	29	737	13.5	343	11.25	286
12	36	914	49	1245	37.5	952	12	305	15	381	26.75	679	12	305	9.6	244
15	42	1067	55	1397	43.5	1105	12	305	15	381	26.75	679	12	305	9.6	244
18	42	1067	55	1397	43.5	1105	15	381	17.25	438	29	737	13.5	343	11.25	286
21	48	1219	61	1549	49.5	1257	15	381	17.25	438	29	737	13.5	343	11.25	286
24	54	1372	67	1702	55.5	1410	15	381	17.25	438	29	737	13.5	343	11.25	286

Table 30



SKM Fan Coil Units Hi-Static Fan Coil Units

Dimensional Data DYP & DCYP Models



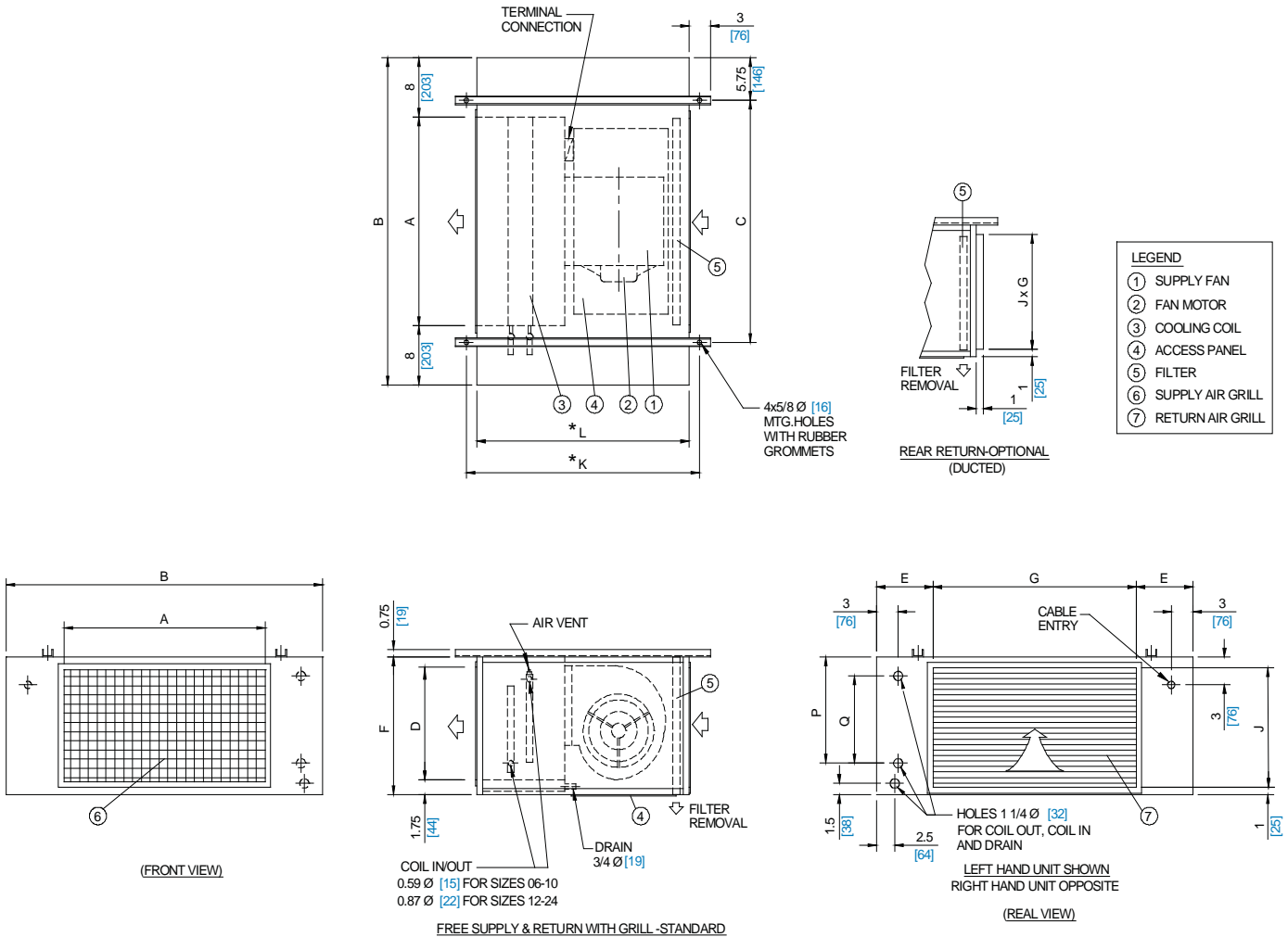
ALL DIMENSIONS ARE IN INCHES [mm]

UNIT MODEL	A		B		C		D		D1		F		G		P		Q		UNIT MODEL	DIMENSIONS FOR		K		L		M		N			
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM		
06	23	584	33	838	21.5	546	12	305	12.48	317	15	381	16.42	417	12	305	9.6	244	06 08 12 15	3R / 4R		22	559	27.68	703	2.64	67	1.54	39		
08	27	686	37	940	25.5	648	12	305	12.48	317	15	381	16.42	417	12	305	9.6	244		3R / 4R + HEATER		21.78	553	29.41	747	4.61	117	3.50	89		
10	27	686	37	940	25.5	648	14.5	368	14.84	377	17.32	440	18.67	474	13.5	343	11.25	286		6R		23.74	603	29.41	747	2.64	67	1.54	39		
12	39	991	49	1245	37.5	952	12	305	12.48	317	15	381	16.42	417	12	305	9.6	244		6R + HEATER		23.86	606	31.50	800	4.61	117	3.50	89		
15	45	1143	55	1397	43.5	1105	12	305	12.48	317	15	381	16.42	417	12	305	9.6	244	10 18 21 24 28 30	3R / 4R		26.12	663	29.93	760	0.79	20	1.54	39		
18	45	1143	55	1397	43.5	1105	14.5	368	14.84	377	17.32	440	18.67	474	13.5	343	11.25	286		3R / 4R + HEATER		26.82	681	31.66	804	1.82	46	2.56	65		
21	51	1295	61	1549	49.5	1257	14.5	368	14.84	377	17.32	440	18.67	474	13.5	343	11.25	286		6R		27.84	707	31.66	804	0.79	20	1.54	39		
24	57	1448	67	1702	55.5	1410	14.5	368	14.84	377	17.32	440	18.67	474	13.5	343	11.25	286		6R + HEATER		27.84	707	33.75	857	2.88	73	3.63	92		
28	75	1905	85	2159	73.5	1867	14.5	368	14.84	377	17.32	440	18.67	474	13.5	343	11.25	286													
30	75	1905	85	2159	73.5	1867	14.5	368	14.84	377	17.32	440	18.67	474	13.5	343	11.25	286													

Table 31

SKM Fan Coil Units Hi-Static Fan Coil Units

Dimensional Data DYE & DCYE Models



* ADD 1.75 [45] FOR 6 ROW

ALL DIMENSIONS ARE IN INCHES [MM]

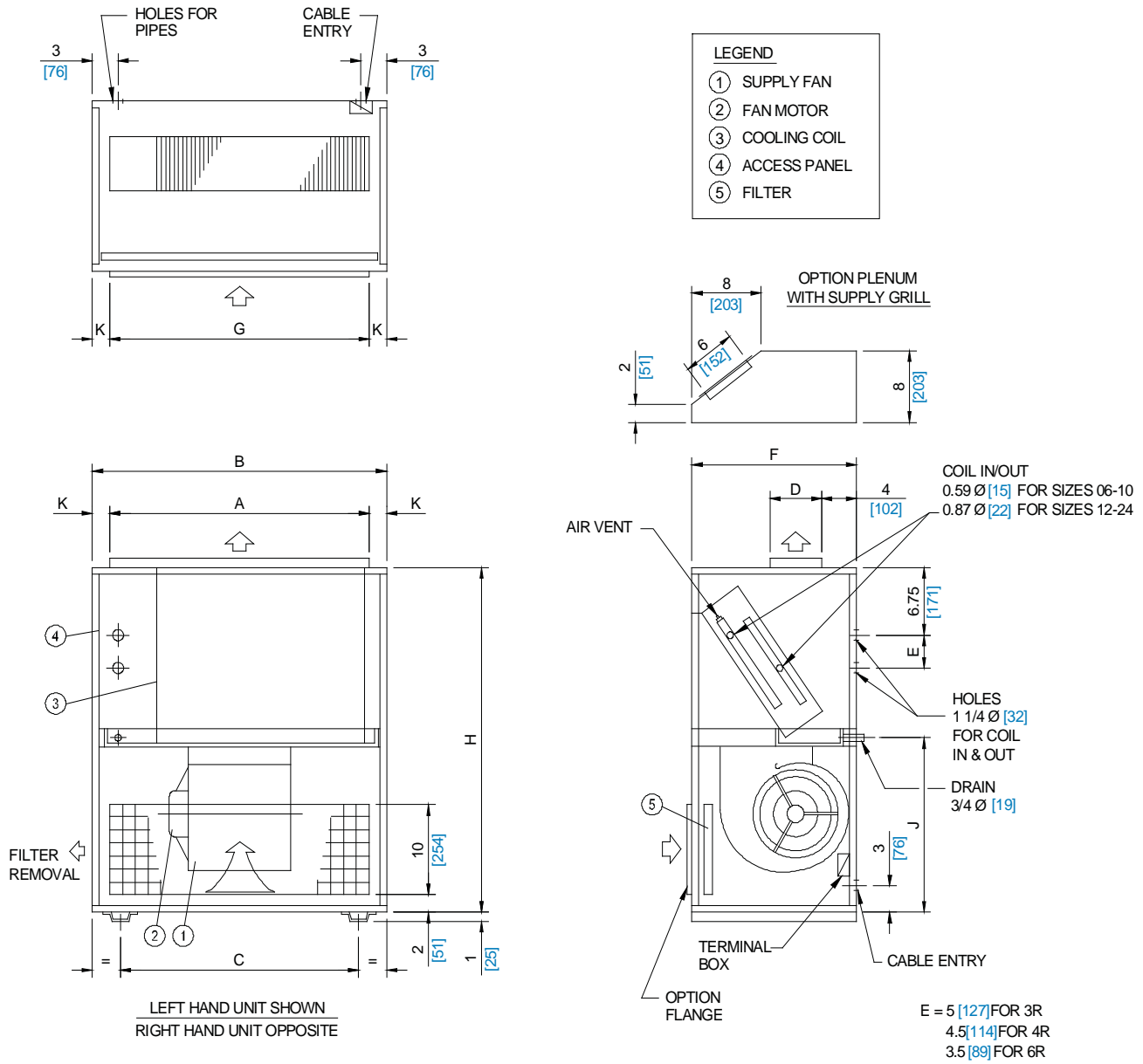
UNIT SIZE	A		B		C		D		E		F		G		J		* K		* L		P		Q	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
06	20	508	36	914	24.5	622	12	305	7.5	190	15	381	21	533	12	305	31.75	806	28.75	730	12	305	9.6	244
08	24	610	40	1016	28.5	724	12	305	7.5	190	15	381	25	635	12	305	31.75	806	28.75	730	12	305	9.6	244
10	24	610	40	1016	28.5	724	15	381	7.5	190	18.5	470	25	635	16	406	34	864	31	787	13.5	343	11.25	286
12	36	914	52	1321	40.5	1029	12	305	7.5	190	15	381	37	940	12	305	31.75	806	28.75	730	12	305	9.6	244
15	42	1067	58	1473	46.5	1181	12	305	7.5	190	15	381	43	1092	12	305	31.75	806	28.75	730	12	305	9.6	244
18	42	1067	58	1473	46.5	1181	15	381	7.5	190	18.5	470	43	1092	16	406	34	864	31	787	13.5	343	11.25	286
21	48	1219	64	1626	52.5	1333	15	381	7.5	190	18.5	470	49	1245	16	406	34	864	31	787	13.5	343	11.25	286
24	54	1372	70	1778	58.5	1486	15	381	7.5	190	18.5	470	55	1397	16	406	34	864	31	787	13.5	343	11.25	286

Table 32



SKM Fan Coil Units Hi-Static Fan Coil Units

Dimensional Data DYF & DCYF Models



UNIT SIZE	A		B		C		D		F		G		H		J		K	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
06	26	660	30	762	23.5	597	6	152	18	457	26	660	30	762	16	406	2	51
08	30	762	34	864	27.5	698	6	152	18	457	30	762	30	762	16	406	2	51
10	30	762	34	864	27.5	698	6	152	21	533	30	762	38.5	978	19.5	495	2	51
12	42	1067	46	1168	39.5	1003	6	152	18	457	42	1067	30	762	16	406	2	51
15	48	1219	52	1321	45.5	1156	6	152	18	457	48	1219	30	762	16	406	2	51
18	48	1219	52	1321	45.5	1156	6	152	21	533	48	1219	38.5	978	19.5	495	2	51
21	54	1372	58	1473	51.5	1308	6	152	21	533	54	1372	38.5	978	19.5	495	2	51
24	60	1524	64	1626	57.5	1460	6	152	21	533	60	1524	38.5	978	19.5	495	2	51

Table 33

GUIDE SPECIFICATIONS

Fan Coil Units type and size shall be as indicated on the equipment schedule. Units shall be blow-thru arrangement. Units configurations shall be horizontal (suitable for ceiling suspended) or vertical (floor mounted), suitable for concealed or exposed applications with or without inlet plenum. Units shall be able to handle external static pressure up to 0.4 in W.G..Units shall be installed at site as per Installation, Operation & Maintenance Manual.

Basic Unit and Cabinet

Fan Coil Units shall include casing, fan/s, motor/s, coil, drain pan, inlet plenum and air filter (with exception of DYC/DCYC units for inlet plenum and air filter). Units casing shall be in galvanized or painted finish as indicated on the equipment schedule. Galvanized finish is standard for all models with exception of exposed units which are with painted finish as standard.

Galvanized casing shall be made of hot-dip galvanized steel sheets. Painted casing shall be made of hot-dip galvanized steel sheets, fabricated steel shall be thoroughly de-greased and then phosphatized before application of an average 60 micron baked electrostatic polyester dry powder coating in RAL 7032 color scheme. This finish can pass 1000-hour, 5% salt spray test at 95 °F (35 °C) and 95% relative humidity (ASTM B 117). Units casing shall be made of stainless steel or aluminum if so specified. Units casing shall be thermally and acoustically insulated with ½" thick fiberglass insulation.

Units shall be supplied with removable panels for easy access to internal components. For easy installation, ceiling suspended units shall be provided with mounting holes with rubber grommets. Units shall be supplied with free return and 1" supply air duct collar, 1" return air duct collar shall be provided if so specified.

Fan

Fan shall be double inlet, double width, direct driven with centrifugal type wheel. Fan wheel shall be with multi forward curved blades. Fan shall be applicable for operation up to 0.4" W.G. external static pressure. Fan shall be statically & dynamically balanced. Fan housing and wheel shall be made of galvanized steel sheet.

Motor

Motor shall be single phase, 3-speed permanent split capacitor type, 220-240V/1 Ph/50/60 Hz, highly efficient with integral thermal protection (thermal cut-out embedded in the winding). Motor shall have high power factor. Motor shall be with permanent lubricated sleeve bearings.

Coil

Coil shall be constructed of seamless copper tubes, 3/8" OD for standard units & 5/16" OD for District Cooling units, arranged in a staggered form mechanically bonded to high efficiency wavy corrugated aluminum fins. Copper fins or Pre-Coated Aluminum fins shall be provided if so specified.

Fins spacing shall be 12 fpi. for chilled water & Hot water coils shall be provided as indicated on the equipment schedule. All water coils shall be provided with manual air vent, automatic air vent shall be provided if so specified. Coil circuiting shall be counter flow. (Direction of coil water flow shall be counter to direction of unit airflow).Coil connections shall be sweat type. Optional MPT or FPT connections shall be provided if so specified. Coil shall be rated in accordance with AHRI - 410 and tested by compressed air under water to the pressure of 300 psig.

Drain Pan

Drain pan shall be constructed from 1 mm thick zinc coated steel sheets, shall be painted, irrespective of the type of finish for unit casing, and insulated from outside with 4 mm thick polyethylene foam insulation. Drain pan shall be constructed from Stainless steel if so specified. Drain pan shall be extended to include coil, headers and U - bends. The bottom of drain pan shall be plain and drain connection shall be ¾" O.D. sweat copper pipe. Auxiliary drip lip shall be supplied loose for field installation if so specified.

Filter

Air filter shall be 1" thick washable aluminum media with Average dust arrestance 54 % based on ASHRAE test # 52.1. 1" thick washable or disposable synthetic media shall be provided if so specified. Air filter is standard for all SKM Hi Static Fan Coil Units with exception of the DYC & DCYC units. Filter removal shall be as shown on drawings.

Options

Following shall be provided if so specified :

- Single deflection return air grill and double deflection supply air grill for exposed units.
- Discharge plenum for free standing units (Floor mounted units).
- Double skin drain pan.
- Double skin casing for locations having a high temperature difference between supply air temperature and surrounding environment of the unit.

Electric Heater Battery

Electric heater capacity shall be as indicated on the equipment schedule. Electric heater element shall be constructed from 80/20 nickel chrome resistance wire, which is connected to terminal pins and centered in stainless steel grade 304L sheath metal tubes by compressed magnesium oxide. The terminal pins shall be insulated from metal tube by ceramic bushes. Helical fins mild steel galvanized shall be tightly wound around tubular heater elements. Stainless steel helical fins shall be provided if so specified. Electric heater batteries shall be provided with one safety cut-out (Auto Reset) and arranged for one stage operation at 220-240V /1 ph / 50/60 Hz.

Valve Packages

Valve Packages shall be field installed by customer or factory installed, if so specified. As indicated on the equipment schedule, Valve Packages shall consist of various combinations of gate or stop valves, globe or balancing valves, 2-way motorized valves and 3-way motorized valves.

Thermostats

Thermostat shall be wall mounted decorative type, with large LCD and backlight. Buttons shall be provided for power on/off, fan speed selection, cooling or heating mode selection, set point adjustment and sleep mode selection. Indoor temperature and set point shall be displayed simultaneously. Apart from that, display shall provide fan mode (high, medium, low or auto) and operating mode (cool or heat).

