

SKM QUICK SELECTION GUIDE

Applied Products



CHILLER



AIR HANDLING AND ECOLOGY UNITS



FAN COIL UNIT



PACKAGED UNIT



CONDENSING UNIT



CRAC UNIT





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VISION

To grow internationally with competent products and employees to provide consistent quality and customer satisfaction.

MISSION

Total Customer Satisfaction.

INTRODUCTION

S.K.M Air Conditioning LLC is a leading manufacturer of HVAC (Heating, Ventilation and Air Conditioning) equipment in the Gulf. It was founded with a single-minded objective; to meet the growing needs of indoor environmental quality in some of the world's harshest climates. Driven by its mission "Total Customer Satisfaction", SKM offers a broad portfolio of premium international quality products that have worked efficiently in various geographic locations. SKM have provided solutions for many blue chip projects for the companies, organizations and government agencies across the region.

To view its major projects portfolio please follow the link:

www.skmaircon.com/skm_projects

SKM is a proud winner of Sharjah Economic Excellence Award in the Gold category; it is also the recipient of ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 Certifications.

To know more about the certifications it received please follow the link:

www.skmaircon.com/certificates

SKM Products Line-up

● NA ● R-410a ● R-134a ● R-407c

Chiller

Series	Compressor	Frequency	Product Picture	NOMINAL COOLING CAPACITY (TR)																
				10	50	80	100	150	160	200	250	280	300	350	360	400	440	450	500	520
ACMR	SCROLL	50/60 Hz																		
APCN-S	SCREW	50/60 Hz																		
APCN-V	VFD SCREW	50/60 Hz																		
APCY-E	SCREW	50 Hz																		
APCY-H	SCREW	50/60 Hz																		
APCY-P	SCREW	50 Hz																		

Air Handling Unit

Series	Product Picture	AIR FLOW CFM													
		1000	5000	10000	15000	20000	25000	30000	35000	40000	42500	46250	50000	55000	60000
MAH															
MAH HR															
HMAH															
CAH															

Ecology Unit

Series	Product Picture	AIR FLOW CFM					
		1000	5000	10000	15000	20000	25000
SEU							

Fan Coil Unit

Series	Product Picture	AIR FLOW CFM															
		200	300	400	500	600	800	1000	1200	1400	1500	1600	1800	2000	2100	2400	2800
SKM Fan Coil DMP - DCMP Series																	
SKM Fan Coil DMP - DCMP EC Series																	
Hi-Static Fan Coil DYP - DCYP Series																	
Hi-Static Fan Coil DYP - DCYP EC Series																	

Packaged Unit

Series	Compressor	Frequency	Product Picture	COOLING CAPACITY (TR)																	
				5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
APMR-H	Scroll	60Hz																			
APMR-G1	Scroll	50Hz																			
PACS-C/CG	Scroll	50Hz																			
PACS-C	Scroll	60Hz																			
PAC4A	Scroll	50Hz / 60Hz																			
PACV-S	Scroll	50Hz																			
APMR-W	Scroll	60Hz																			
APMR-V	Scroll	50/60Hz																			

SKM Products Line-up

● NA ● R-410a ● R-134a ● R-407c

Swimpool Unit

Series	Compressor	Frequency	Product Picture	COOLING CAPACITY (TR)											
				5	10	20	30	40	50	60	70	80	90	100	
DH-S	Scroll	50/60Hz													

CRAC Unit

Series	Compressor	Frequency	Product Picture	COOLING CAPACITY (TR)				
				5	10	20	30	40
SRCC	Scroll	50/60Hz						
SRCW	-							

Condensing Unit

Series	Compressor	Frequency	Product Picture	NOMINAL COOLING CAPACITY (TR)											
				5	10	20	30	40	50	60	70	80	90	100	
AUMR-G1/G	Scroll	50Hz													
AUMR	Scroll	60Hz													
ACUS-C / CG	Scroll	50Hz													

AIR COOLED PACKAGED CHILLERS (ACMR)

SKM ACMR Series Packaged Air Cooled Scroll Chillers are suitable for vast range of applications such as free standing retail outlets, shopping centers, villas, high rise buildings and cooling applications of modern manufacturing industries.

ACMR Series Chillers utilize R410A refrigerant, designed to meet customer's demand for environment friendly chiller coupled with minimal noise and vibration all put together in a compact construction.

ACMR Series Chillers are available in wide capacity range from 8TR - 280TR (30kW-980kW) for both 50Hz & 60Hz power supply.

ACMR chillers are designed, rated & certified in accordance with the AHRI 550/590 & 551/591.



Runs with Eco friendly Refrigerant



Wide Operating Range (0°C - 52°C)



IP-54 Control Panel Housing All Operational And Safety Controls



High Efficiency Range



Hermetic Scroll Compressors



Advanced Microprocessor Controller



Chillers - ACMR 50Hz

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
ACMR5001		1.447	1.693	10.26	1.212	2.046	7.110	1.171	2.119	6.630	51.4	800 x 800 x 1243	236	1
ACMR5003		2.923	3.188	11.00	2.441	4.233	6.920	2.353	4.443	6.360	54.6	1000 x 800 x 1495	301	1
ACMR5004		3.766	4.291	10.53	3.170	5.452	6.980	3.076	5.679	6.500	73.7	1000 x 1000 x 1483	345	1
ACMR5005		5.401	5.888	11.01	4.575	7.348	7.470	4.429	7.622	6.970	73.7	1100 x 1000 x 1483	357	1
ACMR5006		6.025	6.436	11.23	5.068	8.135	7.480	4.890	8.499	6.910	73.7	1100 x 1000 x 1483	379	1
ACMR5007		7.076	7.563	11.23	6.000	9.267	7.770	5.799	9.601	7.250	73.4	1118 x 1778 x 1224	468	1
ACMR5008		7.978	8.802	10.88	6.624	10.99	7.230	6.371	11.41	6.700	73.4	1318 x 1778 x 1224	518	1
ACMR5012		12.09	13.56	10.70	10.22	16.20	7.570	9.880	16.71	7.090	68.1	1622 x 2134 x 1624	563	1
ACMR5016		16.06	17.93	10.75	13.57	21.82	7.470	13.12	22.56	6.980	69.3	1622 x 2134 x 1624	718	1
ACMR5020		18.76	21.76	10.35	15.81	26.43	7.180	15.28	27.32	6.710	70.3	1622 x 2134 x 1624	776	1
ACMR5024		24.08	26.81	10.78	20.29	32.19	7.560	19.61	33.22	7.080	69.5	2230 x 2235 x 1669	969	2
ACMR5030		31.75	35.87	10.62	26.82	43.63	7.380	25.93	45.12	6.900	73.7	2332 x 2235 x 2013	1224	2
ACMR5040		40.17	44.62	10.80	33.37	54.61	7.330	32.11	56.55	6.810	74.1	2434 x 2235 x 2120	1474	2
ACMR5045		46.55	53.19	10.50	39.11	64.07	7.330	37.77	66.16	6.850	73.9	2434 x 2235 x 2323	1531	2
ACMR5050		46.71	53.02	10.57	39.52	64.44	7.360	38.22	66.54	6.890	74.0	2697 x 2242 x 2441	1907	2
ACMR5055		52.49	61.01	10.32	44.47	73.51	7.260	43.03	75.83	6.810	74.8	3858 x 2242 x 2441	2232	2
ACMR5060		61.62	68.68	10.77	52.49	82.23	7.660	50.85	84.78	7.200	75.9	3858 x 2242 x 2441	2403	2
ACMR5070		69.95	79.49	10.56	59.06	96.60	7.340	57.09	99.74	6.870	75.1	3863 x 2242 x 2441	2704	3
ACMR5075		74.73	87.34	10.27	63.01	105.6	7.160	60.90	109.0	6.700	75.5	3863 x 2242 x 2441	2716	3
ACMR5085		79.27	95.32	9.979	66.75	114.8	6.980	64.50	118.4	6.530	75.9	3863 x 2242 x 2441	2729	3
ACMR5090		88.43	104.8	10.12	74.71	125.8	7.120	72.25	129.8	6.680	76.2	3863 x 2242 x 2441	2808	3
ACMR5095		94.37	106.3	10.65	79.82	129.0	7.420	77.19	133.2	6.950	75.9	5084 x 2242 x 2466	3710	2
ACMR5110		104.3	122.2	10.24	88.07	147.4	7.170	85.15	152.1	6.720	76.5	5084 x 2242 x 2466	3735	2
ACMR5120		116.6	139.4	10.04	98.45	167.3	7.060	95.19	172.6	6.620	77.0	5084 x 2242 x 2466	3785	2
ACMR5130		130.1	147.1	10.62	109.9	178.8	7.370	106.2	184.7	6.900	76.8	7416 x 2242 x 2491	5294	3
ACMR5140		136.2	157.9	10.36	114.7	192.3	7.160	110.8	198.5	6.700	76.6	7416 x 2242 x 2491	5399	3
ACMR5155		151.0	175.1	10.35	127.5	211.7	7.230	123.3	218.5	6.770	77.1	7416 x 2242 x 2491	5534	3
ACMR5165		160.6	191.2	10.08	135.5	230.3	7.060	131.0	237.6	6.620	77.4	7416 x 2242 x 2491	5559	3
ACMR5180		174.2	208.9	10.01	146.8	250.7	7.030	141.9	258.5	6.590	77.8	7416 x 2242 x 2491	5668	3
ACMR5190		188.7	212.6	10.65	159.6	258.1	7.420	154.3	266.5	6.950	77.1	9864 x 2242 x 2491	7337	4
ACMR5205		198.8	228.3	10.45	168.0	276.4	7.300	162.5	285.3	6.830	77.4	9864 x 2242 x 2491	7363	4
ACMR5215		208.6	244.4	10.24	176.1	294.9	7.170	170.3	304.3	6.720	77.7	9864 x 2242 x 2491	7388	4
ACMR5230		223.7	262.2	10.24	188.9	315.4	7.190	182.7	325.4	6.740	78.0	9864 x 2242 x 2491	7464	4
ACMR5240		233.3	278.8	10.04	196.9	334.7	7.060	190.3	345.2	6.620	78.2	9864 x 2242 x 2491	7489	4

- Cooling Capacity & Total power input are based on 95°F, 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft²/F/Btu fouling factor.

- Refrigerant-R 410A.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-415V/3Ph/50Hz.

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
ACMR6002		1.702	2.109	9.69	1.442	2.515	6.880	1.395	2.595	6.450	54.6	800 x 800 x 1243	236	1
ACMR6004		3.537	3.879	10.94	2.996	4.871	7.380	2.897	5.070	6.860	59.1	1000 x 800 x 1495	301	1
ACMR6005		4.408	5.444	9.72	3.705	6.764	6.570	3.578	7.017	6.120	75.8	1000 x 1000 x 1483	345	1
ACMR6006		6.232	7.285	10.27	5.252	9.137	6.900	5.079	9.508	6.410	75.7	1100 x 1000 x 1483	357	1
ACMR6007		7.003	8.254	10.18	5.972	10.060	7.120	5.791	10.420	6.670	75.7	1100 x 1000 x 1483	379	1
ACMR6008		8.193	9.470	10.38	6.899	11.600	7.140	6.662	12.020	6.650	75.5	1118 x 1778 x 1224	468	1
ACMR6010		9.543	11.190	10.23	7.880	13.85	6.830	7.572	14.36	6.330	75.5	1318 x 1778 x 1224	524	1
ACMR6014		14.27	17.07	10.03	12.01	20.30	7.100	11.600	20.91	6.660	73.3	1318 x 1778 x 1417	564	1
ACMR6018		18.41	22.18	9.96	15.52	27.08	6.880	15.01	28.02	6.430	73.0	1622 x 2134 x 1624	731	1
ACMR6022		22.91	27.20	10.10	19.32	32.60	7.110	18.67	33.63	6.660	74.3	1722 x 2134 x 1624	783	1
ACMR6028		28.61	33.84	10.14	24.14	40.23	7.200	23.33	41.44	6.760	84.9	2332 x 2235 x 1619	983	2
ACMR6035		37.73	45.10	10.04	31.83	54.91	6.960	30.78	56.81	6.500	84.6	2332 x 2235 x 1923	1259	2
ACMR6045		47.17	55.53	10.19	39.00	67.77	6.910	37.50	70.14	6.420	85.6	2434 x 2235 x 2030	1482	2
ACMR6055		54.81	66.17	9.94	45.93	79.27	6.950	44.32	81.74	6.510	85.5	2434 x 2235 x 2233	1541	2
ACMR6060		59.92	68.44	10.51	51.01	81.09	7.550	49.41	83.54	7.100	86.3	3858 x 2242 x 2351	2378	2
ACMR6065		66.59	76.45	10.45	57.00	90.72	7.540	55.32	93.45	7.100	86.4	3858 x 2242 x 2351	2390	2
ACMR6075		72.95	84.68	10.34	62.78	100.50	7.490	61.03	103.50	7.070	86.4	3858 x 2242 x 2351	2403	2
ACMR6085		86.43	101.70	10.19	73.04	121.50	7.210	70.63	125.30	6.760	86.2	3863 x 2242 x 2351	2771	3
ACMR6095		94.66	109.20	10.39	80.63	130.2	7.430	78.15	134.2	6.980	86.5	5084 x 2242 x 2376	3315	3
ACMR6105		103.70	117.20	10.620	88.94	139.4	7.650	86.36	143.7	7.210	87.0	5084 x 2242 x 2376	3450	3
ACMR6110		111.50	124.9	10.72	96.05	148.4	7.770	93.38	152.8	7.330	87.1	6250 x 2242 x 2376	3869	3
ACMR6120		114.00	135.3	10.11	96.28	161.7	7.140	93.09	166.7	6.700	87.0	5084 x 2242 x 2376	3735	2
ACMR6130		129.7	150.2	10.36	110.60	178.9	7.420	107.30	184.4	6.980	87.5	6250 x 2242 x 2376	4261	2
ACMR6140		141.4	166.8	10.18	121.30	198.7	7.330	117.80	204.8	6.910	87.6	6250 x 2242 x 2376	4287	2
ACMR6160		157.7	186.8	10.13	133.4	223.2	7.170	129.0	230.2	6.730	87.8	7416 x 2242 x 2401	5404	3
ACMR6175		165.9	201.6	9.88	139.9	241.0	6.970	135.2	248.5	6.530	87.8	7416 x 2242 x 2401	5509	3
ACMR6190		185.6	217.5	10.24	157.6	259.3	7.300	152.6	267.2	6.850	88.1	8642 x 2242 x 2401	6202	3
ACMR6200		197.0	234.1	10.10	167.8	279.0	7.220	162.7	287.6	6.790	88.1	8642 x 2242 x 2401	6227	3
ACMR6215		211.0	248.2	10.20	180.4	295.3	7.330	175.1	304.3	6.900	88.3	9808 x 2242 x 2401	6757	3
ACMR6230		222.1	269.1	9.90	187.2	321.6	6.990	181.0	331.6	6.550	88.2	9864 x 2242 x 2401	7337	4
ACMR6245		244.0	285.5	10.26	207.2	340.6	7.300	200.7	351.1	6.860	88.4	11030 x 2242 x 2401	7918	4
ACMR6260		256.0	302.5	10.16	218.1	360.8	7.250	211.4	371.9	6.820	88.5	11030 x 2242 x 2401	7944	4
ACMR6270		271.3	317.0	10.27	232.1	377.6	7.380	225.3	389.1	6.950	88.5	12256 x 2242 x 2451	8654	4
ACMR6280		282.9	333.6	10.18	242.7	397.4	7.330	235.7	409.6	6.910	88.6	12256 x 2242 x 2451	8679	4

- Cooling Capacity & Total power input are based on 95°F, 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft².°F/Btu fouling factor.

- Refrigerant-R 410A.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-400V/3Ph/60Hz.

AIR COOLED SCREW CHILLERS (APCY-H, APCN-S, APCY-E & APCY-P)

SKM Air Cooled Screw Chillers are designed, rated & certified in accordance to AHRI standards 550/590 and 551/591. The low noise and minimum vibration features are ideal for vast range of applications including Hotels, High Rise Buildings, Stores, Hospitals Office Buildings, Schools and Manufacturing Industries.

SKM Air Cooled Screw Chillers utilize environment friendly (R-134a) refrigerant, designed & manufactured to provide utmost performance, efficiency, reliability, to meet the requirements & long life.

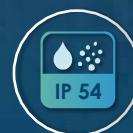
SKM Air Cooled Screw Chillers are available in wide capacity range from 80 TR – 520 TR (285 kW-1825 kW) in multiple independent circuits suitable for both 50Hz & 60Hz power supply.



Runs with Eco friendly Refrigerant



Wide Operating Range (-4°C - 55°C)



IP-54 Control Panel Housing All Operational Controls



High Efficiency Range



Semi Hermetic Screw Compressors



Advanced Microprocessor Controller



Low Noise Fans For Better Acoustic Performance



Chillers - APCY-H 50Hz

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit qty
APCY5080DH		81.55	85.38	11.46	72.23	104.5	8.290	70.42	107.9	7.830	77.6	3863 x 2242 x 2958	3580	2
APCY5085DH		86.07	91.20	11.32	76.68	113.2	8.130	74.85	117.2	7.660	78.6	3863 x 2242 x 2958	3643	2
APCY5090DH		90.42	97.27	11.15	80.99	122.3	7.940	79.15	127.0	7.480	79.4	3863 x 2242 x 2958	3706	2
APCY5095DH		94.52	105.4	10.76	85.01	132.5	7.700	83.19	137.5	7.260	79.8	3863 x 2242 x 2958	3761	2
APCY5105DH		105.8	109.5	11.60	95.07	136.7	8.340	93.11	141.9	7.870	80.0	5083 x 2242 x 2958	4649	2
APCY5115DH		115.4	120.5	11.49	102.5	148.7	8.280	100.2	153.9	7.810	80.7	5083 x 2242 x 2958	4741	2
APCY5125DH		129.5	133.4	11.64	114.1	162.5	8.430	111.3	167.7	7.960	81.3	5083 x 2242 x 2958	4835	2
APCY5130DH		134.1	142.3	11.31	118.0	173.5	8.160	115.0	179.1	7.710	81.5	5083 x 2242 x 2958	4848	2
APCY5140DH		142.7	145.6	11.76	126.6	178.4	8.520	123.5	184.4	8.040	81.3	6250 x 2242 x 2958	5476	2
APCY5135DH		154.5	159.4	11.63	142.5	200.6	8.530	140.3	208.0	8.090	81.7	6250 x 2242 x 2958	5976	2
APCY5165DH		163.3	171.8	11.41	150.0	214.6	8.390	147.5	222.3	7.960	82.0	6250 x 2242 x 2958	6008	2
APCY5175DH		171.8	184.3	11.18	157.2	228.8	8.250	154.6	236.9	7.830	82.3	6250 x 2242 x 2958	6039	2
APCY5185DH		181.3	200.4	10.85	165.7	249.5	7.970	162.8	258.5	7.560	82.5	6250 x 2242 x 2958	6102	2
APCY5195DH		194.5	207.5	11.25	178.3	259.7	8.240	175.3	269.3	7.810	82.3	7416 x 2242 x 2983	7117	2
APCY5210DH		207.1	225.7	11.01	190.7	281.4	8.130	187.6	291.4	7.730	82.7	7472 x 2242 x 2983	7371	2
APCY5230DH		227.2	247.2	11.03	210.0	306.5	8.220	206.8	317.1	7.830	83.0	7472 x 2242 x 2983	7647	2
APCY5250DH		242.1	257.2	11.29	224.3	321.3	8.380	221.0	332.8	7.970	82.8	8697 x 2242 x 2983	8312	2
APCY5265DH		253.2	277.0	10.97	234.3	347.3	8.100	230.7	360.0	7.690	82.8	8697 x 2242 x 2983	8328	2
APCY5285DH		279.3	292.7	11.45	257.2	366.9	8.410	253.0	380.5	7.980	82.6	9863 x 2242 x 2983	9650	2
APCY5300DH		296.2	316.4	11.24	271.0	396.2	8.210	266.1	410.9	7.770	82.7	9863 x 2242 x 2983	9827	2
APCY5325DH		313.3	330.4	11.38	291.0	412.7	8.460	287.0	428.0	8.050	82.7	11030 x 2242 x 2983	10646	2
APCY5345DH		326.6	353.8	11.08	306.8	440.6	8.360	303.7	456.6	7.980	82.9	11030 x 2242 x 2983	10715	2
APCY5365TH		353.0	379.7	11.16	327.2	473.5	8.290	322.4	490.4	7.890	83.4	12255 x 2242 x 3033	12453	3
APCY5380TH		363.8	399.6	10.92	337.0	499.6	8.090	331.9	517.6	7.700	83.4	12255 x 2242 x 3033	12469	3
APCY5395TH		377.8	409.4	11.08	350.6	514.0	8.190	345.4	533.0	7.780	83.2	13421 x 2242 x 3033	13202	3
APCY5410TH		393.8	432.8	10.92	363.7	542.8	8.040	358.0	562.9	7.630	83.3	13421 x 2242 x 3033	13362	3
APCY5425TH		412.6	446.3	11.10	380.7	560.0	8.160	374.5	580.9	7.740	83.1	14588 x 2242 x 3033	14215	3
APCY5455TH		441.6	473.7	11.19	404.7	593.5	8.180	397.5	615.7	7.750	83.2	14588 x 2242 x 3033	15358	3
APCY5475TH		458.7	482.9	11.40	424.8	604.9	8.430	418.5	627.5	8.000	83.3	14588 x 2242 x 3033	16146	3
APCY5495TH		471.7	506.2	11.18	440.1	632.6	8.350	434.6	656.1	7.950	83.5	14588 x 2242 x 3033	16215	3
APCY5520TH		492.0	532.2	11.09	462.6	663.6	8.370	457.9	687.9	7.990	83.6	14588 x 2242 x 3033	16321	3

- Cooling Capacity & Total power input are based on 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft²F/Btu fouling factor.

- Refrigerant-R 134a.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-415V/3Ph/50Hz.

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
APCY6095DH		93.01	104.2	10.71	82.28	126.9	7.780	80.17	131.0	7.340	86.0	3863 x 2242 x 2868	3580	2
APCY6100DH		101.5	112.6	10.82	89.09	138.3	7.730	86.72	143.0	7.280	86.2	3863 x 2242 x 2868	3825	2
APCY6110DH		107.0	120.4	10.66	94.27	149.7	7.550	91.85	155.1	7.100	86.4	3863 x 2242 x 2868	3888	2
APCY6115DH		114.7	127.1	10.83	101.9	158.0	7.740	99.60	163.8	7.290	86.6	5083 x 2242 x 2868	4448	2
APCY6125DH		127.3	135.9	11.24	113.8	168.6	8.100	111.4	174.8	7.650	87.2	5083 x 2242 x 2868	4649	2
APCY6135DH		137.9	149.3	11.08	122.2	183.1	8.010	119.3	189.2	7.560	87.4	5083 x 2242 x 2868	4741	2
APCY6145DH		147.6	162.9	10.87	129.8	197.3	7.890	126.4	203.4	7.460	87.6	5083 x 2242 x 2868	4835	2
APCY6160DH		164.8	170.1	11.62	144.2	206.1	8.400	140.4	212.6	7.930	87.9	6250 x 2242 x 2868	5844	2
APCY6170DH		170.9	180.5	11.36	149.4	218.9	8.190	145.3	225.8	7.720	87.9	6250 x 2242 x 2868	5841	2
APCY6185DH		181.5	198.6	10.97	167.1	248.5	8.070	164.4	257.6	7.660	88.0	6250 x 2242 x 2868	5976	2
APCY6195DH		191.5	214.0	10.74	175.6	265.9	7.920	172.7	275.3	7.530	88.1	6250 x 2242 x 2868	6008	2
APCY6205DH		201.0	229.6	10.51	183.8	283.5	7.780	180.6	293.2	7.390	88.2	6250 x 2242 x 2868	6039	2
APCY6220DH		216.2	239.2	10.85	198.3	297.3	8.000	194.9	307.9	7.600	88.4	7472 x 2242 x 2893	7056	2
APCY6230DH		227.1	258.0	10.57	208.0	321.6	7.760	204.4	333.3	7.360	88.4	7472 x 2242 x 2893	7117	2
APCY6240DH		235.2	260.7	10.83	215.4	324.7	7.960	211.8	336.5	7.550	88.4	7472 x 2242 x 2893	7147	2
APCY6260DH		254.4	274.0	11.14	234.9	340.5	8.280	231.3	352.6	7.870	88.6	8697 x 2242 x 2893	8031	2
APCY6275DH		269.5	296.0	10.93	249.8	366.4	8.180	246.0	379.0	7.790	88.7	8697 x 2242 x 2893	8278	2
APCY6300DH		292.8	312.4	11.25	271.5	389.0	8.380	267.5	402.8	7.970	88.8	9863 x 2242 x 2893	9474	2
APCY6320DH		306.4	335.7	10.95	283.8	419.7	8.110	279.5	434.9	7.710	88.8	9863 x 2242 x 2893	9490	2
APCY6340DH		330.1	354.6	11.17	304.7	443.3	8.250	299.8	459.6	7.830	88.9	11030 x 2242 x 2893	10374	2
APCY6360DH		349.7	382.4	10.97	320.7	477.5	8.060	315.1	495.2	7.640	88.9	11030 x 2242 x 2893	10551	2
APCY6385DH		368.4	401.1	11.02	342.7	499.4	8.240	338.1	517.7	7.840	89.0	12255 x 2242 x 2893	11529	2
APCY6405DH		383.4	428.6	10.73	360.5	532.1	8.130	356.8	551.3	7.770	89.1	12255 x 2242 x 2943	11598	2
APCY6410TH		401.3	438.3	10.99	373.0	543.2	8.240	367.6	562.0	7.850	89.3	13421 x 2242 x 2943	13088	3
APCY6425TH		413.8	461.1	10.77	384.3	573.4	8.040	378.7	593.5	7.660	89.3	13421 x 2242 x 2943	13123	3
APCY6445TH		429.1	475.1	10.84	399.2	593.4	8.070	393.5	614.7	7.680	89.3	14588 x 2242 x 2943	13815	3
APCY6465TH		441.2	497.7	10.64	410.2	623.4	7.900	404.2	646.1	7.510	89.3	14588 x 2242 x 2943	13878	3
APCY6480TH		458.8	525.2	10.48	424.8	657.4	7.760	418.3	681.5	7.370	89.3	14588 x 2242 x 2943	14038	3
APCY6495TH		475.6	553.0	10.32	438.8	692.1	7.610	431.6	717.7	7.220	89.3	14588 x 2242 x 2943	14215	3
APCY6510TH		491.6	581.2	10.15	452.0	727.5	7.460	444.2	754.7	7.060	89.3	14588 x 2242 x 2943	14396	3

- Cooling Capacity & Total power input are based on 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft²°F/Btu fouling factor.

- Refrigerant-R 134a.

- *Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-400V/3Ph/60Hz.

Chillers - APCN-S 50Hz

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
APCN5080S		80.93	86.83	11.18	73.31	108.0	8.140	71.83	112.0	7.690	77.9	3863 x 2242 x 2958	3884	2
APCN5085S		85.11	93.13	10.97	77.44	116.5	7.970	75.93	120.9	7.530	78.0	3863 x 2242 x 2958	3895	2
APCN5090S		89.19	99.64	10.74	81.46	125.2	7.800	79.91	130.1	7.370	78.0	3863 x 2242 x 2958	3905	2
APCN5100S		95.13	109.8	10.40	87.17	138.0	7.580	85.57	143.4	7.160	78.1	3863 x 2242 x 2958	3925	2
APCN5110S		107.5	115.4	11.19	98.86	144.0	8.230	97.13	149.5	7.790	78.3	5083 x 2242 x 2958	4751	2
APCN5115S		112.7	122.7	11.02	103.3	153.5	8.080	101.5	159.4	7.640	78.2	5083 x 2242 x 2958	4785	2
APCN5125S		122.3	131.9	11.12	111.8	165.3	8.120	109.7	171.7	7.670	78.1	5083 x 2242 x 2958	4821	2
APCN5130S		127.4	139.3	10.98	116.8	175.9	7.970	114.6	182.9	7.520	79.8	5083 x 2242 x 2958	5133	2
APCN5135S		134.9	140.7	11.51	124.9	178.2	8.410	122.9	185.5	7.950	80.8	6250 x 2242 x 2958	6085	2
APCN5155S		154.0	162.1	11.40	141.3	205.7	8.240	138.7	214.2	7.770	81.9	6250 x 2242 x 2958	6544	2
APCN5160S		160.2	174.6	11.01	146.7	221.7	7.940	144.1	230.8	7.490	81.4	6250 x 2242 x 2958	6539	2
APCN5165S		166.1	187.4	10.64	152.0	238.1	7.660	149.3	247.9	7.230	80.9	6250 x 2242 x 2958	6535	2
APCN5175S		175.9	201.3	10.49	160.9	255.4	7.560	158.0	265.8	7.130	81.1	6250 x 2242 x 2958	6581	2
APCN5190S		185.9	212.8	10.49	170.4	268.9	7.610	167.5	279.8	7.180	81.0	7416 x 2242 x 2983	7460	2
APCN5200S		202.8	227.4	10.70	184.5	285.5	7.760	181.0	296.6	7.320	81.4	7472 x 2242 x 2983	7944	2
APCN5225S		223.1	252.8	10.59	200.7	315.0	7.650	196.4	326.6	7.210	81.7	7472 x 2242 x 2983	8451	2
APCN5240S		239.6	262.2	10.97	216.8	324.3	8.020	212.4	335.9	7.590	81.5	8697 x 2242 x 2983	9099	2
APCN5255S		251.5	280.9	10.75	227.3	345.0	7.910	222.6	356.9	7.490	81.6	8697 x 2242 x 2983	9073	2
APCN5280S		276.8	295.9	11.23	250.7	364.0	8.270	245.7	376.6	7.830	81.7	9863 x 2242 x 2983	10345	2
APCN5300S		292.4	317.4	11.06	264.6	391.0	8.120	259.2	404.6	7.690	82.1	9863 x 2242 x 2983	10449	2
APCN5310S		312.5	330.8	11.34	283.8	407.8	8.350	278.2	422.1	7.910	82.2	11030 x 2242 x 2983	11200	2
APCN5330S		328.1	352.8	11.16	297.4	435.1	8.200	291.5	450.3	7.770	82.5	11030 x 2242 x 2983	11200	2
APCN5350S		346.4	379.3	10.96	313.3	463.7	8.110	306.8	479.2	7.680	82.6	12255 x 2242 x 3033	12218	2
APCN5360S		360.0	404.6	10.68	324.6	490.9	7.930	317.7	506.6	7.520	82.8	13421 x 2242 x 3033	12960	2
APCN5375S		375.9	415.5	10.86	341.2	511.0	8.010	334.4	528.7	7.590	82.0	13421 x 2242 x 3033	14450	3
APCN5390S		390.5	436.5	10.74	354.2	537.4	7.910	347.2	556.1	7.490	82.3	13421 x 2242 x 3033	14536	3
APCN5410S		408.8	448.6	10.94	372.0	553.1	8.070	364.9	572.5	7.650	82.4	14588 x 2242 x 3033	15316	3
APCN5440S		436.1	475.1	11.02	395.3	585.5	8.100	387.5	605.9	7.670	82.6	14588 x 2242 x 3033	16341	3

- Cooling Capacity & Total power input are based on 95°F, 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft².°F/Btu fouling factor.

- Refrigerant-R 134a.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-415V/3Ph/50Hz.

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
APCN6095S		93.56	106.10	10.58	84.6	131.5	7.720	82.85	136.4	7.290	86.2	3863 x 2242 x 2868	3884	2
APCN6105S		101.6	115.20	10.59	91.33	143.0	7.660	89.34	148.2	7.230	86.2	3863 x 2242 x 2868	4077	2
APCN6110S		106.9	123.70	10.37	96.28	154.0	7.500	94.21	159.8	7.070	86.2	3863 x 2242 x 2868	4088	2
APCN6115S		116.4	132.5	10.55	105.7	164.6	7.700	103.5	170.7	7.280	86.4	5083 x 2242 x 2868	4563	2
APCN6130S		130.5	143.4	10.92	119.2	177.8	8.040	117	184.3	7.610	86.9	5083 x 2242 x 2868	4751	2
APCN6135S		136.5	152.5	10.74	124.5	189.7	7.880	122.1	196.8	7.450	86.9	5083 x 2242 x 2868	4785	2
APCN6140S		142.3	161.8	10.56	129.5	201.9	7.700	127.0	209.6	7.270	86.9	5083 x 2242 x 2868	4821	2
APCN6155S		156.7	166.4	11.30	143.2	207.8	8.270	140.5	215.9	7.810	87.6	6250 x 2242 x 2868	6155	2
APCN6165S		163.3	174.8	11.21	149.5	219.9	8.160	146.7	228.6	7.700	87.9	6250 x 2242 x 2868	6450	2
APCN6185S		181.0	200.0	10.86	164.9	252.2	7.850	161.8	262.2	7.400	88.3	6250 x 2242 x 2868	6544	2
APCN6190S		187.7	215.0	10.48	170.7	271.4	7.550	167.5	282.3	7.120	88.1	6250 x 2242 x 2868	6539	2
APCN6195S		194.2	230.4	10.12	176.4	291.1	7.270	173.0	302.8	6.860	88.0	6250 x 2242 x 2868	6535	2
APCN6210S		209.6	237.3	10.60	191.5	298.4	7.700	188.1	310.3	7.270	88.2	7472 x 2242 x 2893	7416	2
APCN6220S		220.3	254.8	10.38	201.1	320.1	7.540	197.5	332.8	7.120	88.2	7472 x 2242 x 2893	7460	2
APCN6230S		228.5	256.4	10.70	208.7	322.0	7.780	204.9	334.7	7.350	88.2	7472 x 2242 x 2893	7489	2
APCN6255S		248.9	273.7	10.91	226.0	340.6	7.960	221.6	353.4	7.530	88.4	8697 x 2242 x 2893	8629	2
APCN6265S		264.8	298.9	10.63	238.2	369.8	7.730	233.0	383.1	7.300	88.5	8697 x 2242 x 2893	9106	2
APCN6295S		289.7	315.7	11.01	261.2	387.3	8.090	255.7	400.7	7.660	88.6	9863 x 2242 x 2893	10285	2
APCN6305S		304.3	337.7	10.81	274.1	411.8	7.990	268.3	425.5	7.570	88.6	9863 x 2242 x 2893	10259	2
APCN6330S		326.7	354.6	11.06	295.5	433.0	8.190	289.4	447.5	7.760	88.8	11030 x 2242 x 2893	11069	2
APCN6345S		344.5	378.5	10.92	311.1	462.7	8.070	304.7	478.2	7.650	88.9	11030 x 2242 x 2893	11173	2
APCN6365S		366.9	396.5	11.10	332.5	485.6	8.220	325.9	502.1	7.790	89.0	12255 x 2242 x 2943	12083	2
APCN6385S		384.6	422.0	10.94	348.2	517.3	8.080	341.2	535.0	7.650	89.1	12255 x 2242 x 2943	12083	2
APCN6405S		403.8	454.1	10.67	365.2	553.3	7.920	357.6	571.6	7.510	89.2	13421 x 2242 x 2943	12838	2
APCN6425S		417.9	484.7	10.35	377.1	587.2	7.710	369.0	606.1	7.310	89.4	14588 x 2242 x 2943	13620	2
APCN6430S		425.6	478.3	10.68	385.9	586.9	7.890	378.1	607.2	7.470	89.1	14588 x 2242 x 2943	15103	3
APCN6440S		438.6	499.2	10.54	397.6	610.3	7.820	389.6	631.0	7.410	89.1	14588 x 2242 x 2943	15126	3

- Cooling Capacity & Total power input are based on 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft²°F/Btu fouling factor

- Refrigerant-R 134a.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-400V/3Ph/60Hz.

Chillers - APCY-E 50Hz

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
APCY5080DE		80.05	88.70	10.83	70.41	107.9	7.830	78.0	3863 x 2242 x 2466	3075	2
APCY5085DE		84.47	95.17	10.65	74.71	117.5	7.630	79.0	3863 x 2242 x 2466	3138	2
APCY5090DE		88.72	102.0	10.44	78.87	127.7	7.410	79.9	3863 x 2242 x 2466	3201	2
APCY5095DE		92.68	110.8	10.04	82.79	138.7	7.160	80.2	3863 x 2242 x 2466	3257	2
APCY5105DE		104.1	113.9	10.97	93.12	141.9	7.870	80.4	5083 x 2242 x 2466	3747	2
APCY5115DE		113.1	125.6	10.80	100.0	154.3	7.780	81.1	5083 x 2242 x 2466	3838	2
APCY5125DE		126.4	139.4	10.88	110.7	168.7	7.880	81.7	5083 x 2242 x 2466	4084	2
APCY5130DE		130.8	149.0	10.54	114.3	180.5	7.600	81.9	5083 x 2242 x 2466	4097	2
APCY5140DE		140.0	151.5	11.09	123.4	184.7	8.020	81.7	6250 x 2242 x 2466	4473	2
APCY5155DE		152.3	167.5	10.91	139.8	209.5	8.010	82.1	6250 x 2242 x 2466	4859	2
APCY5165DE		160.6	180.8	10.66	146.9	224.4	7.860	82.4	6250 x 2242 x 2466	4890	2
APCY5175DE		168.7	194.2	10.42	153.7	239.5	7.700	82.8	6250 x 2242 x 2466	4922	2
APCY5185DE		177.8	211.9	10.06	161.6	262.2	7.400	82.9	6250 x 2242 x 2466	4985	2
APCY5195DE		191.3	218.2	10.52	174.5	271.8	7.710	82.8	7416 x 2242 x 2491	5751	2
APCY5210DE		203.6	238.1	10.26	186.5	296.0	7.590	83.1	7472 x 2242 x 2491	6004	2
APCY5230DE		223.2	261.8	10.23	205.2	322.3	7.640	83.4	7472 x 2242 x 2491	6289	2
APCY5250DE		238.3	271.5	10.53	219.8	337.0	7.830	83.2	8697 x 2242 x 2491	6824	2
APCY5265DE		249.0	293.5	10.18	229.2	365.5	7.530	83.2	8697 x 2242 x 2491	6840	2
APCY5285DE		274.6	309.1	10.66	251.5	385.4	7.830	83.0	9863 x 2242 x 2491	8019	2
APCY5300DE		290.6	335.1	10.41	263.9	417.5	7.590	83.1	9863 x 2242 x 2491	8196	2
APCY5325DE		308.4	348.5	10.62	285.5	433.6	7.900	83.1	11030 x 2242 x 2491	8766	2
APCY5345DE		321.7	373.8	10.33	302.3	464.0	7.820	83.3	11030 x 2242 x 2491	8835	2
APCY5365TE		347.4	401.2	10.39	320.5	497.0	7.740	83.8	12255 x 2242 x 2541	10443	3
APCY5380TE		357.7	423.3	10.14	329.7	525.6	7.530	83.8	12255 x 2242 x 2541	10459	3
APCY5395TE		372.1	432.6	10.32	343.6	539.8	7.640	83.6	13421 x 2242 x 2541	10943	3
APCY5410TE		387.1	458.1	10.14	355.5	571.3	7.470	83.7	13421 x 2242 x 2541	11103	3
APCY5425TE		406.0	471.1	10.34	372.3	588.4	7.590	83.5	14588 x 2242 x 2541	11707	3

Chillers - APCY-E 60Hz

MODELS	PICTURE	Cooling capacity @95 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
APCY6095DE		91.85	107.87	10.22	80.62	130.7	7.400	86.5	3863 x 2242 x 2376	3075	2
APCY6100DE		99.75	116.98	10.23	86.92	142.9	7.300	86.7	3863 x 2242 x 2376	3168	2
APCY6110DE		105.08	125.7	10.03	91.91	155.5	7.090	86.9	3863 x 2242 x 2376	3231	2
APCY6115DE		113.00	132.1	10.26	99.90	163.7	7.320	87.1	5083 x 2242 x 2376	3660	2
APCY6125DE		125.6	141.0	10.69	111.80	174.5	7.690	87.6	5083 x 2242 x 2376	3899	2
APCY6135DE		135.7	155.2	10.49	119.6	189.4	7.580	87.8	5083 x 2242 x 2376	3990	2
APCY6145DE		144.9	169.5	10.26	126.5	204.0	7.440	88.0	5083 x 2242 x 2376	4084	2
APCY6160DE		161.9	176.1	11.03	140.9	212.3	7.970	88.3	6250 x 2242 x 2376	4727	2
APCY6170DE		167.8	187.1	10.76	145.7	225.7	7.750	88.3	6250 x 2242 x 2376	4723	2
APCY6185DE		179.4	207.8	10.36	164.5	258.7	7.630	88.4	6250 x 2242 x 2376	4859	2
APCY6195DE		188.9	224.1	10.11	172.5	277.0	7.470	88.5	6250 x 2242 x 2376	4890	2
APCY6205DE		198.0	240.8	9.87	180.2	295.6	7.320	88.7	6250 x 2242 x 2376	4922	2
APCY6220DE		213.6	249.8	10.26	195.1	309.1	7.570	88.8	7472 x 2242 x 2401	5690	2
APCY6230DE		224.2	270.2	9.96	204.3	335.5	7.310	88.9	7472 x 2242 x 2401	5751	2
APCY6240DE		231.9	273.3	10.18	211.5	339.0	7.490	88.9	7472 x 2242 x 2401	5790	2
APCY6260DE		251.6	286.2	10.55	231.4	354.0	7.840	89.0	8697 x 2242 x 2401	6543	2
APCY6275DE		266.6	310.0	10.32	246.0	381.5	7.740	89.1	8697 x 2242 x 2401	6790	2
APCY6300DE		289.8	326.6	10.65	267.6	404.6	7.940	89.2	9863 x 2242 x 2401	7844	2
APCY6320DE		303.0	352.2	10.33	279.4	437.9	7.660	89.2	9863 x 2242 x 2401	7859	2
APCY6340DE		326.6	371.0	10.56	299.9	461.7	7.800	89.3	11030 x 2242 x 2401	8495	2
APCY6360DE		345.4	400.9	10.34	314.9	498.7	7.580	89.3	11030 x 2242 x 2401	8672	2
APCY6385DE		364.9	419.2	10.44	338.4	520.5	7.800	89.4	12255 x 2242 x 2451	9629	2
APCY6405DE		379.9	448.7	10.16	357.2	556.6	7.720	89.5	12255 x 2242 x 2451	9698	2
APCY6425TE		409.9	482.9	10.18	379.0	597.3	7.610	89.7	13421 x 2242 x 2451	10864	3
APCY6445TE		425.6	496.9	10.28	394.2	617.5	7.660	89.7	14588 x 2242 x 2451	11308	3
APCY6465TE		437.4	521.6	10.06	404.8	650.0	7.470	89.7	14588 x 2242 x 2451	11371	3

- Cooling Capacity & Total power input are based on 115°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft²/F/Btu fouling factor.

- Refrigerant-R 134a.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-415V/3Ph/50Hz & 380-400V/3Ph/60Hz.

MODELS	PICTURE	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W x H (mm)	Operating Weight (Kgs)	Circuit Qty
APCY5105DP		92.53	120.7	9.200	90.38	125.2	8.660	79.4	5083 x 2242 x 2958	4386	2
APCY5120DP		105.5	136.8	9.260	103.4	141.80	8.760	79.8	6250 x 2242 x 2958	4956	2
APCY5145DP		124.6	161.1	9.290	121.6	166.3	8.780	81.0	6250 x 2242 x 2958	5190	2
APCY5160DP		138.3	178.9	9.280	134.9	184.7	8.770	81.0	7416 x 2242 x 2983	5897	2
APCY5170DP		152.3	197.9	9.240	150.0	205.3	8.770	81.4	7416 x 2242 x 2983	6257	2
APCY5190DP		170.0	224.2	9.100	167.3	232.1	8.650	82.0	7416 x 2242 x 2983	6320	2
APCY5200DP		181.7	238.3	9.150	178.8	247.0	8.690	81.9	8641 x 2242 x 2983	6832	2
APCY5215DP		194.3	255.7	9.120	191.2	265.1	8.660	82.0	8641 x 2242 x 2983	6946	2
APCY5230DP		209.7	275.6	9.140	206.5	285.6	8.680	82.4	8697 x 2242 x 2983	7204	2
APCY5250DP		225.4	297.6	9.090	222.1	308.1	8.660	82.7	8697 x 2242 x 2983	7932	2
APCY5265DP		239.8	316.0	9.110	236.4	327.4	8.670	82.5	9863 x 2242 x 2983	8445	2
APCY5280DP		253.4	333.8	9.110	249.8	346.2	8.660	82.3	11030 x 2242 x 2983	9062	2
APCY5305DP		275.5	361.7	9.150	271.1	375.2	8.680	82.4	11030 x 2242 x 2983	9391	2
APCY5325DP		293.5	384.5	9.160	288.5	399.0	8.680	82.2	12255 x 2242 x 3033	10241	2
APCY5345DP		312.1	410.9	9.120	307.9	426.1	8.680	82.4	12255 x 2242 x 3033	10330	2
APCY5360DP		330.3	437.4	9.070	326.9	453.4	8.660	82.6	12255 x 2242 x 3033	10420	2

- Cooling Capacity & Total power input are based on 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft²F/Btu fouling factor.

- Refrigerant-R 134a.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-415V/3Ph/50Hz.

AIR COOLED VARIABLE SPEED SCREW CHILLER (APCN-V)

SKM APCN-V Series Chillers are using Variable speed screw compressor specifically designed to achieve high energy efficiency in both full load and part-load operations and exceeds ASHRAE 90.1 requirement. The high efficiency is achieved through its latest innovation of variable speed screw compressors and EC condenser fans utilizing environment friendly (R-134a) refrigerant.

APCN-V Series Chillers are available in wide capacity range from 162 TR – 403 TR (568 kW to 1416 kW) for both 50Hz & 60Hz power supply.

APCN-V Series Chillers are designed, rated & certified in accordance with the AHRI 550/590 & 551/591.



Runs with Eco friendly Refrigerant



Wide Operating Range (0°C - 55°C)



IP-54 control panel housing all operational and safety controls



High Efficiency Range



Variable Speed-Semi Hermetic Screw Compressors



Advanced Microprocessor controller



High efficiency EC Plug fan offers quiet & low vibration operation.



MODELS	PICTURE	Cooling capacity @115 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Cooling capacity @118.4 F ambient (TON)	Total power Input (Kw)	EER (Btu/W.h)	Sound Pressure level @1 meter free field- Overall dB (A)	Dimension L x W xH (mm)	Operating Weight (Kgs)	Circuit Qty
APCN5165VVH / APCN6165VVH		144.1	213.6	8.100	141.1	219.3	7.720	85.3	6250 x 2242 x 3003	6115	2
APCN5175VVH / APCN6175VVH		152.1	229.4	7.960	149.4	235.4	7.620	83.7	6250 x 2242 x 3003	6139	2
APCN5185VVH / APCN6185VVH		157.9	244.0	7.760	154.6	250.3	7.410	84.0	6250 x 2242 x 3003	6135	2
APCN5195VVH / APCN6195VVH		169.4	259.9	7.820	157.4	249.1	7.580	84.0	6250 x 2242 x 3003	6160	2
APCN5200VVH / APCN6200VVH		176.0	267.5	7.900	172.4	274.5	7.540	83.8	7416 x 2242 x 3028	7023	2
APCN5220VVH / APCN6220VVH		198.7	301.7	7.900	178.8	275.8	7.780	83.8	7416 x 2242 x 3028	7112	2
APCN5230VVH / APCN6230VVH		199.1	310.6	7.690	194.5	319.1	7.320	84.7	7416 x 2242 x 3028	7845	2
APCN5240VVH / APCN6240VVH		209.1	299.4	8.380	204.4	307.7	7.970	83.9	9807 x 2242 x 3028	9150	2
APCN5250VVH / APCN6250VVH		218.2	345.2	7.580	213.0	355.3	7.200	85.0	8641 x 2242 x 3028	8556	2
APCN5260VVH / APCN6260VVH		229.1	361.7	7.600	224.3	372.1	7.230	85.0	8641 x 2242 x 3028	8581	2
APCN5270VVH / APCN6270VVH		239.7	373.6	7.700	235.3	384.5	7.340	84.6	9807 x 2242 x 3028	9235	2
APCN5290VVH / APCN6290VVH		249.7	392.2	7.640	244.0	403.9	7.250	83.9	9807 x 2242 x 3028	9615	2
APCN5300VVH / APCN6300VVH		262.1	410.6	7.660	247.1	403.5	7.350	83.9	9807 x 2242 x 3028	9641	2
APCN5305VVH / APCN6305VVH		264.8	415.0	7.660	246.1	406.7	7.260	83.9	9807 x 2242 x 3028	9641	2
APCN5325VVH / APCN6325VVH		282.1	439.6	7.700	275.7	452.9	7.300	82.7	10974 x 2242 x 3028	10790	2
APCN5335VVH / APCN6335VVH		295.0	459.6	7.700	276.5	453.4	7.320	82.7	10974 x 2242 x 3028	10816	2
APCN5345VVH / APCN6345VVH		310.1	481.2	7.730	278.6	454.7	7.350	82.7	10974 x 2242 x 3028	10841	2
APCN5365VVH / APCN6365VVH		312.0	478.1	7.830	305.3	491.3	7.460	83.2	12199 x 2242 x 3078	11726	2
APCN5380VVH / APCN6380VVH		325.0	497.2	7.840	306.3	491.9	7.470	83.2	12199 x 2242 x 3078	11751	2
APCN5385VVH / APCN6385VVH		340.9	519.0	7.880	309.3	493.7	7.520	83.2	12199 x 2242 x 3078	11776	2
APCN5395VVH / APCN6395VVH		341.2	516.2	7.930	333.9	529.3	7.570	83.6	13365 x 2242 x 3078	12534	2
APCN5405VVH / APCN6405VVH		354.2	533.8	7.960	334.5	528.2	7.600	83.6	13365 x 2242 x 3078	12559	2
APCN5415VVH / APCN6415VVH		367.4	551.7	7.990	335.1	527.2	7.630	83.6	13365 x 2242 x 3078	12584	2
APCN5420VVH / APCN6420VVH		381.6	597.4	7.670	374.0	615.0	7.300	84.6	14588 x 2242 x 3078	13922	3
APCN5430VVH / APCN6430VVH		394.8	615.4	7.700	356.0	576.3	7.410	84.6	14588 x 2242 x 3078	13947	3
APCN5445VVH / APCN6445VVH		401.7	630.6	7.650	384.0	630.3	7.310	83.5	14588 x 2242 x 3078	14322	3

- Cooling Capacity & Total power input are based on 115°F & 118.4°F ambient, 44°F leaving chilled water temperature, 10°F range and 0.0001 h ft²/Btu fouling factor.

- Refrigerant R-134a.

- Overall Sound Pressure Level according to ISO 3744, full load operation at 95°F (35°C) ambient and 44°F (6.7°C) /54°F (12.2°C) evaporator.

- Power Supply : 380-415V/3Ph/50Hz & 60Hz..

AIR HANDLING UNIT

SKM Air Handling Units are designed to a High Engineering standard to provide the requirements of Ventilation, Heating, Cooling, Dehumidification and Air Distribution to a conditioned space.

SKM Manufacturers AHU in Series namely MAH. applicable for Indoor and Outdoor installation which are ideal for Large Halls, School, Offices, Banks, Workshops, Laboratories, Restaurants, Cinemas, Hospitals, Departmental Stores, Mosque and Supermakets, etc.

SKM offers Air Handling Unit from 1,000 CFM to 60,000 CFM in three different Series; Modular Air Handling Units (MAH), Hygienic Modular Air Handling units (HMAH) and Comfort Air Handling Units (CAH).

Units are manufactured in ISO 9001 certified facility and the products offered are certified by International regulatory bodies like AHRI, Eurovent and TUV).

Casing & Construction:

Unit Frame

Extruded Aluminum Profile or Hot dip coated Galvanized Steel Profile.

Panel

Hot-dipped galvanized steel outer/inner skin.
- Panel Thickness: 48mm, 50 mm and 63 mm

Gaskets

Specially designed closed cell EPDM gaskets.

Base Frame

- Sheet Metal base frame.
- Structural Steel base frame.

Insulation

Polyurethane Foam insulation Density: 40kg/m³, Thermal Conductivity: 0.02W/mK Standards: ASTM D 1621/622 88, ASTM C 56-518.



Modular Construction



Application Flexibility



Perfect Thermal break

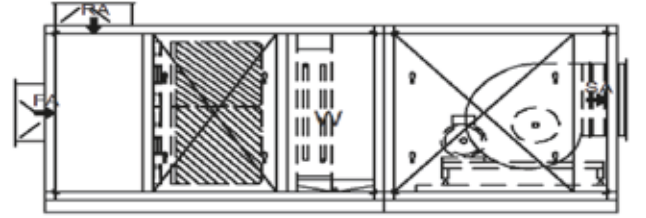


Air Handling Unit - MAH

Model	Product Picture	CFM	LPS	ESP	motor size	Total Capacity		Sensible Capacity		water flow rate		water pressure drop		Unit Dimension		Approximate Operating Weight	
		ft ³ /min	l/s	Pa	kw	Mbh	kW	Mbh	kW	gpm	l/s	ft.wg	kPa	Height (mm)	Width (mm)	lbs	kG
MAH-0202		1000	472	500	1.1	36.71	10.76	26.17	7.67	7.29	0.46	6.65	19.88	900	750	602	273
MAH-0202S1		1250	590	500	1.1	47.70	13.98	33.40	9.79	9.46	0.60	11.05	33.01	900	850	634	288
MAH-0202S2		1500	708	500	1.5	58.79	17.23	40.71	11.93	11.67	0.74	17.14	51.24	900	975	677	307
MAH-0203		1750	826	500	1.5	62.48	18.31	45.11	13.22	12.39	0.78	4.14	12.38	900	1075	790	358
MAH-0203S1		2000	944	500	2.2	73.43	21.52	52.34	15.34	14.57	0.92	5.53	16.53	900	1175	841	382
MAH-0203S2		2250	1062	500	2.2	84.52	24.77	59.61	17.47	16.77	1.06	7.30	21.82	900	1275	885	401
MAH-0204		2500	1180	500	3	95.37	27.95	66.84	19.59	18.92	1.19	9.41	28.13	900	1375	933	423
MAH-0303		2917	1377	500	3	104.14	30.52	75.17	22.03	20.65	1.30	4.14	12.38	1225	1075	1,008	458
MAH-0303S1		3333	1573	500	3	122.36	35.86	87.21	25.56	24.28	1.53	5.53	16.53	1225	1175	1,082	491
MAH-0303S2		3750	1770	500	4	140.85	41.28	99.36	29.12	27.94	1.76	7.30	21.82	1225	1300	1,169	531
MAH-0304		4167	1967	500	4	158.97	46.59	111.37	32.64	31.54	1.99	9.75	29.13	1225	1375	1,209	549
MAH-0304S1		4583	2163	500	5.5	177.60	52.05	123.59	36.22	35.19	2.22	11.96	35.74	1225	1500	1,340	608
MAH-0304S2		5000	2360	500	5.5	195.93	57.42	135.70	39.77	38.86	2.45	14.86	44.40	1225	1600	1,405	637
MAH-0305		5417	2557	500	5.5	214.59	62.89	147.95	43.36	42.57	2.69	18.17	54.31	1225	1700	1,461	663
MAH-0305S1		5833	2753	500	5.5	220.25	64.55	155.01	45.43	43.70	2.76	7.47	22.34	1225	1800	1,572	713
MAH-0305S2		6250	2950	500	7.5	238.47	69.89	167.06	48.96	47.31	2.99	8.87	26.50	1225	1900	1,624	737
MAH-0306		6667	3147	500	7.5	257.00	75.32	179.27	52.54	50.99	3.22	10.45	31.22	1225	2000	1,676	760
MAH-0405		7583	3579	500	7.5	300.40	88.04	207.12	60.70	59.60	3.76	18.17	54.31	1475	1700	1,724	782
MAH-0405S1		8167	3855	500	7.5	308.39	90.38	217.01	63.60	61.18	3.86	7.47	22.34	1475	1800	1,815	824
MAH-0405S2		8750	4130	500	7.5	333.84	97.84	233.90	68.55	66.24	4.18	8.87	26.50	1475	1900	1,874	850
MAH-0406		9333	4405	500	11	359.78	105.44	250.96	73.55	71.39	4.50	10.45	31.22	1475	2000	1,986	901
MAH-0406S1		10208	4818	500	11	398.54	116.80	276.45	81.02	79.08	4.99	13.12	39.21	1475	2150	2,099	953
MAH-0407		11083	5231	500	11	437.47	128.21	302.08	88.53	86.80	5.48	16.17	48.34	1475	2325	2,200	998
MAH-0506		12000	5664	500	11	462.58	135.57	322.65	94.56	91.79	5.79	10.45	31.22	1800	2000	2,524	1,145
MAH-0506S1		13125	6195	500	11	512.40	150.17	355.48	104.18	101.66	6.41	13.12	39.21	1800	2150	2,717	1,233
MAH-0507		14250	6726	500	15	562.46	164.84	388.40	113.83	111.60	7.04	16.17	48.34	1800	2325	2,838	1,288
MAH-0508		15938	7522	500	15	636.81	186.63	443.78	130.06	126.36	7.97	9.41	28.13	1800	2575	3,343	1,516
MAH-0508S1		17250	8141	500	15	695.09	203.71	482.68	141.46	137.91	8.70	11.55	34.53	1800	2750	3,538	1,605
MAH-0509		18750	8849	500	18.5	762.78	223.55	527.59	154.62	151.34	9.55	14.47	43.25	1800	2950	3,938	1,787
MAH-0608		19479	9193	500	18.5	778.31	228.10	542.39	158.96	154.43	9.74	9.41	28.13	2100	2575	4,097	1,859
MAH-0608S1		21083	9950	500	18.5	849.56	248.98	589.93	172.89	168.57	10.64	11.55	34.53	2100	2750	4,418	2,004
MAH-0609		22917	10816	500	22	932.30	273.23	644.83	188.98	184.97	11.67	14.47	43.25	2100	2950	4,613	2,093
MAH-0609S1		24292	11465	500	22	995.25	291.68	686.35	201.15	197.46	12.46	16.97	50.73	2100	3100	4,766	2,162
MAH-0709		27083	12782	500	22	1101.81	322.91	762.07	223.34	218.60	13.79	14.47	43.25	2400	2950	5,358	2,431
MAH-0709S1		29250	13805	500	30	1201.18	352.03	827.58	242.54	238.32	15.04	17.86	53.39	2400	3175	5,622	2,551
MAH-0710		30333	14316	500	30	1251.40	366.75	860.54	252.20	248.29	15.67	19.72	58.95	2400	3250	5,719	2,594
MAH-0710S1		31958	15083	500	30	1264.20	370.50	884.80	259.31	250.83	15.83	7.48	22.36	2400	3375	5,936	2,693
MAH-0711		33583	15850	500	30	1337.49	391.98	933.39	273.55	265.38	16.74	8.47	25.31	2400	3575	6,122	2,777
MAH-0711S1		35208	16617	500	30	1409.62	413.12	981.50	287.65	279.67	17.65	9.55	28.55	2400	3725	6,281	2,849
MAH-0811		38750	18289	500	37	1543.28	452.29	1077.01	315.64	306.21	19.32	8.47	25.31	2700	3575	7,067	3,206
MAH-0811S1		40625	19174	500	37	1626.50	476.68	1132.52	331.91	322.71	20.36	9.55	28.55	2700	3725	7,326	3,323
MAH-0812		42500	20059	500	37	1709.82	501.10	1188.07	348.19	339.24	21.40	10.75	32.12	2700	3875	7,518	3,410
MAH-0812S1		44375	20943	500	45	1793.83	525.72	1244.00	364.58	355.91	22.46	12.07	36.07	2700	4025	7,738	3,510
MAH-0813		46250	21828	500	45	1878.59	550.56	1300.16	381.04	372.73	23.52	13.51	40.37	2700	4175	7,953	3,608
MAH-0914		51333	24227	500	45	2094.92	613.96	1447.06	424.09	415.65	26.22	15.07	45.03	2950	4300	7,663	3,476
MAH-1014		56146	26499	500	55	2291.36	671.53	1582.76	463.86	454.63	28.68	15.07	45.03	3075	4300	7,844	3,558
MAH-1114		60958	28770	500	55	2459.27	720.74	1696.18	497.10	487.94	30.79	14.72	43.99	3300	4300	8,090	3,670

- MAH includes Mixing Box + 2"flat + 21" Bag Filter (combined Filter) + Cooling coil + Fan (DIDW) .
- Aluminum Thermal Break profile with 2" polyurethane foam insulated panels.
- For further details refer to the product catalogue Ref. 021/2021A
- Max coil velocity of 500 fpm (2.54 m/s).
- Height includes Base frame .
- Power Supply : 380-415V/3Ph/50Hz & 60Hz
- Coil performance :
On-Coil DBT/WBT 80°F/67°F (26.7°C/19.4°C)
Chilled water in/Out : 45°F/55°F (7.2°C/12.8°C).

Note : The Operating weight and dimension of the unit is based on condition mentioned above.



Air Handling Unit - MAH (HEAT RECOVERY)

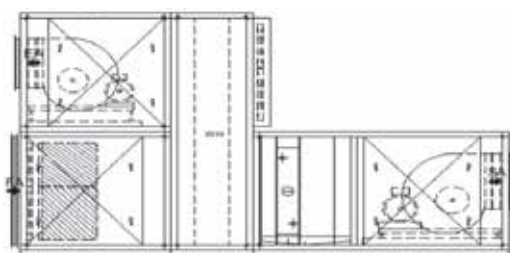
Model	Product Picture	CFM	LPS	ESP	motor size		Supply Side				Return air Condition				Pre cooling ON Coil		Reheat Off Coil	
							Out side Air		Supply Air		Return Air		Exhaust Air					
		ft ³ /min	l/s	Pa	S/A(kw)	E/A(kw)	DBT(°C)	RH %	DBT(°C)	RH %	DBT(°C)	RH %	DBT(°C)	RH %	ON DBT(°C)	WB(°C)	OFF DBT(°C)	WB(°C)
MAH-0202-HPHR		1000.0	472.0	500.0	1.5	0.8	46.0	31.8	31.0	47.5	24.0	49.7	39.0	36.7	31.0	22.5	19.4	16.1
MAH-0202S2-HPHR		1500.0	708.0	500.0	2.2	1.1	46.0	31.8	31.3	47.4	24.0	49.7	38.7	36.9	31.3	22.6	19.5	16.1
MAH-0203-HPHR		1750.0	826.0	500.0	2.2	1.5	46.0	31.8	30.6	47.8	24.0	47.7	39.4	36.4	30.6	22.2	19.2	16.0
MAH-0203S1-HPHR		2000.0	944.0	500.0	3.0	1.5	46.0	31.8	31.3	47.4	24.0	47.7	24.0	49.7	31.3	22.6	19.5	16.1
MAH-0204-HPHR		2500.0	1180.0	500.0	3.0	2.2	46.0	31.8	31.1	47.7	24.0	49.7	38.9	36.7	31.1	22.6	19.4	16.1
MAH-0303S1-HPHR		3333.0	1573.0	500.0	4.0	3.0	46.0	31.8	31.5	47.2	24.0	49.7	38.5	37.0	31.5	22.7	19.6	16.4
MAH-0303S2-HPHR		3750.0	1770.0	500.0	5.5	3.0	46.0	31.8	31.0	47.5	24.0	49.7	39.0	36.7	31.0	22.5	19.4	16.1
MAH-0304-HPHR		4167.0	1967.0	500.0	5.5	4.0	46.0	31.8	31.6	46.9	24.0	49.7	38.4	37.3	31.6	22.8	19.6	16.2
MAH-0304S1-HPHR		4583.0	2163.0	500.0	5.5	4.0	46.0	31.8	31.2	47.4	24.0	49.7	38.8	36.9	31.2	22.4	19.5	16.1
MAH-0304S2-HPHR		5000.0	2360.0	500.0	7.5	5.5	46.0	31.8	30.9	47.8	24.0	49.7	39.1	36.5	30.9	22.4	19.4	16.1
MAH-0305-HPHR		5417.0	2557.0	500.0	7.5	4.0	46.0	31.8	31.3	47.4	24.0	49.7	38.7	36.9	31.3	22.6	19.5	16.1
MAH-0305S1-HPHR		5833.0	2753.0	500.0	7.5	5.5	46.0	31.8	30.9	47.8	24.0	49.7	39.1	36.5	30.9	22.4	19.4	16.1
MAH-0305S2-HPHR		6250.0	2950.0	500.0	7.5	5.5	46.0	31.8	31.2	47.7	24.0	49.7	38.8	36.7	31.2	22.7	19.5	16.1
MAH-0306-HPHR		6667.0	3147.0	500.0	7.5	5.5	46.0	31.8	31.2	47.7	24.0	49.7	38.8	36.7	31.2	22.7	19.5	16.1
MAH-0405-HR		7583.0	3579.0	500.0	11.0	5.5	46.0	31.8	31.5	47.2	24.0	49.7	38.5	37.0	31.5	22.7	19.3	16.1
MAH-0405S1-HR		8167.0	3855.0	500.0	11.0	5.5	46.0	31.8	31.2	47.4	24.0	49.7	38.8	36.9	31.2	22.4	19.4	16.1
MAH-0405S2-HR		8750.0	4130.0	500.0	11.0	5.5	46.0	31.8	31.6	46.9	24.0	49.7	38.4	37.3	31.6	22.8	19.6	16.1
MAH-0406-HR		9333.0	4405.0	500.0	11.0	7.5	46.0	31.8	31.2	47.7	24.0	49.7	38.8	36.7	31.2	22.7	19.4	16.1
MAH-0406S1-HR		10208.0	4818.0	500.0	11.0	7.5	46.0	31.8	31.1	47.7	24.0	49.7	38.9	36.7	31.1	22.6	19.4	16.1
MAH-0407-HR		11083.0	5231.0	500.0	15.0	11.0	46.0	31.8	30.9	47.8	24.0	49.7	39.1	36.5	30.9	22.4	19.3	16.1
MAH-0506-HR		12000.0	5664.0	500.0	15.0	7.5	46.0	31.8	31.3	47.4	24.0	49.7	38.7	36.9	31.3	22.6	19.5	16.1
MAH-0506S1-HR		13125.0	6195.0	500.0	15.0	11.0	46.0	20.5	31.7	36.7	24.0	49.7	38.3	27.1	31.7	22.8	19.6	16.2
MAH-0507-HR		14250.0	6726.0	500.0	15.0	11.0	46.0	31.8	31.6	47.2	24.0	49.7	38.4	37.0	31.6	22.8	19.6	16.2
MAH-0508-HR		15938.0	7522.0	500.0	18.5	11.0	46.0	31.8	32.2	46.7	24.0	49.7	37.8	37.6	32.2	23.3	19.8	16.2
MAH-0508S1-HR		17250.0	8141.0	500.0	18.5	15.0	46.0	31.8	31.6	46.9	24.0	49.7	38.4	37.3	31.6	22.8	19.6	16.2
MAH-0509-HR		18750.0	8849.0	500.0	22.0	15.0	46.0	31.8	31.1	47.7	24.0	49.7	38.9	36.7	31.1	22.6	19.4	16.1
MAH-0608-HR		19479.0	9193.0	500.0	22.0	15.0	46.0	31.8	32.2	46.4	24.0	49.7	37.8	37.8	32.2	23.1	19.7	16.2
MAH-0609-HR		22917.0	10816.0	500.0	30.0	18.5	46.0	31.8	32.1	46.7	24.0	49.7	37.9	37.6	32.1	23.2	19.7	16.2
MAH-0609S1-HR		24292.0	11465.0	500.0	30.0	18.5	46.0	31.8	31.6	46.9	24.0	49.7	38.4	37.3	31.6	22.8	19.6	16.1
MAH-0709-HPHR		27083.0	12782.0	500.0	900.0	18.5	46.0	31.8	31.4	47.5	24.0	50.0	38.6	37.0	31.4	22.8	19.5	16.1
MAH-0709S1-HPHR		29250.0	13805.0	500.0	900.0	18.5	46.0	31.8	31.7	47.1	24.0	49.7	38.3	37.3	31.7	22.8	19.6	16.2
MAH-0710-HPHR		30333.0	14316.0	500.0	900.0	22.0	46.0	31.8	31.2	47.4	24.0	49.7	38.8	36.9	31.2	22.4	19.4	16.1
MAH-0710S1-HPHR		31958.0	15083.0	500.0	900.0	22.0	46.0	31.8	31.5	47.2	24.0	49.7	38.5	37.0	31.5	22.7	19.5	16.1
MAH-0711-HPHR		33583.0	15850.0	500.0	900.0	22.0	46.0	31.8	31.0	47.8	24.0	49.7	39.0	36.5	31.0	22.5	19.4	16.1
MAH-0711S1-HPHR		35208.0	16617.0	500.0	900.0	30.0	46.0	31.8	31.3	47.4	24.0	49.7	38.7	36.9	31.3	22.6	19.5	16.1
MAH-0811-HPHR		38750.0	18289.0	500.0	1000.0	30.0	46.0	31.8	31.2	47.4	24.0	49.7	38.8	36.9	31.2	22.4	19.5	16.1
MAH-0811S1-HPHR		40625.0	19174.0	500.0	1000.0	30.0	46.0	31.8	31.4	47.1	24.0	49.7	38.6	37.0	31.4	22.6	19.5	16.1
MAH-0812-HPHR		42500.0	20059.0	500.0	1000.0	30.0	46.0	31.8	31.0	47.5	24.0	49.7	39.0	36.7	31.0	22.5	19.4	16.1
MAH-0812S1-HPHR		44375.0	20943.0	500.0	1000.0	30.0	46.0	31.8	31.3	47.4	24.0	49.7	38.7	36.9	31.3	22.6	19.5	16.1
MAH-0813-HPHR		46250.0	21828.0	500.0	1000.0	37.0	46.0	31.8	30.9	47.8	24.0	49.7	39.1	36.5	30.9	22.4	19.4	16.1

- MAH includes 2"flat + 21" Bag Filter (combined Filter) + Cooling with Horse Shoe heat pipe + Fan (DIDW) .
- MAH Return air side includes 2"flat filter + Heat Wheel + Fan (DIDW).
- Aluminum Thermal Break profile with 2" polyurethane foam insulated panels.
- Coil performance @ On-Coil DBT/ WBT 80°F/67°F (26.7°C/19.4°C) Chilled water In/Out : 114.8°F/87.8°F (46°C/31°C).
- Max coil velocity of 500 fpm (2.54 m/s) .
- Height includes Base frame .
- Power Supply : 380-415V/3Ph/50Hz & 60Hz.

Note : The Operating weight and dimension of the unit is based on condition mentioned above.

Air Handling Unit - MAH (HEAT RECOVERY)

Total Capacity		Sensible Capacity		water flow rate		water pressure drop		Unit Dimension		Approximate Operating Weight	
Mbh	kW	Mbh	kW	gpm	l/s	ft.wg	kPa	Height (mm)	Width (mm)	lbs	kG
42.1	12.3	22.3	6.5	8.4	0.5	8.3	24.9	1700	975	1425	647
64.0	18.8	33.9	9.9	12.8	0.8	4.9	14.6	1700	1075	1580	717
70.3	20.6	38.1	11.2	14.0	0.9	5.0	14.8	1700	1175	1670	758
85.2	25.0	45.4	13.3	17.0	1.1	7.1	21.3	1700	1275	1746	792
106.9	31.3	56.1	16.4	21.3	1.3	11.6	34.8	1700	1475	1929	875
143.8	42.1	76.3	22.4	28.7	1.8	7.3	21.7	2350	1300	2298	1042
157.5	46.2	83.4	24.4	31.5	2.0	8.9	26.7	2350	1400	2495	1132
182.6	53.5	95.9	28.1	36.5	2.3	12.2	36.4	2350	1500	2623	1190
188.6	55.3	99.8	29.3	37.7	2.4	13.5	40.3	2350	1600	2745	1245
206.7	60.6	107.2	31.4	41.3	2.6	16.6	49.5	2350	1700	2904	1318
230.4	67.5	122.5	35.9	46.0	2.9	7.9	23.6	2350	1800	3053	1385
241.2	70.7	128.9	37.8	48.2	3.0	8.9	26.5	2350	1900	3200	1452
270.9	79.4	140.6	41.2	54.1	3.4	11.3	33.6	2350	2000	3291	1493
271.3	79.5	142.0	41.6	54.2	3.4	11.7	34.8	2350	2100	3404	1544
327.6	96.0	173.9	51.0	65.5	4.1	8.1	24.3	2850	1800	3784	1717
336.6	98.7	184.0	53.9	67.3	4.2	8.8	26.3	2850	1900	4026	1827
383.9	112.5	201.9	59.2	76.7	4.8	11.5	34.4	2850	2000	4135	1876
405.0	118.7	210.5	61.7	80.9	5.1	13.1	39.1	2850	2100	4332	1965
436.1	127.8	228.9	67.1	87.2	5.5	15.6	46.7	2850	2250	4548	2063
458.9	134.5	248.6	72.9	91.7	5.8	10.7	32.0	2850	2425	4967	2253
510.7	149.7	271.6	79.6	102.0	6.4	12.6	37.7	3500	2200	5533	2510
574.5	168.4	304.0	89.1	114.8	7.2	16.3	48.7	3500	2300	5851	2654
624.7	183.1	332.4	97.4	124.8	7.9	11.8	35.4	3500	2425	6168	2798
751.7	220.3	384.1	112.6	139.2	8.8	11.4	34.1	3500	2650	6887	3124
756.2	221.6	401.8	117.8	140.0	8.8	12.0	35.7	3500	2800	7739	3510
800.3	234.6	424.4	124.4	148.2	9.4	13.9	41.6	3500	3000	7703	3494
890.3	260.9	469.9	137.7	164.9	10.4	10.7	32.1	4100	2775	8884	4030
1065.7	312.3	549.9	161.2	197.4	12.5	16.6	49.5	4100	3050	9522	4319
1065.7	312.3	566.6	166.1	197.4	12.5	6.3	18.9	4100	3200	10622	4818
1190.9	349.0	624.0	182.9	238.0	15.0	6.4	19.1	4700	3175	12637	5732
1280.6	375.3	685.4	200.9	255.9	16.1	7.5	22.4	4700	3225	12836	5823
1249.4	366.2	690.4	202.4	249.7	15.8	7.3	21.7	4700	3375	13307	6036
1379.6	404.3	740.4	217.0	275.7	17.4	8.9	26.7	4700	3475	13209	5992
1411.6	413.7	755.8	221.5	282.1	17.8	9.5	28.5	4700	3675	14270	6473
1498.6	439.2	806.3	236.3	299.5	18.9	10.9	32.7	4700	3825	14700	6668
1595.3	467.5	881.4	258.3	318.8	20.1	9.1	27.3	5300	3775	15886	7206
1728.8	506.7	935.0	274.0	345.5	21.8	10.9	32.7	5300	3800	16037	7275
1791.8	525.1	955.8	280.1	358.1	22.6	12.0	35.8	5300	3975	16641	7548
1887.9	553.3	1015.5	297.6	377.3	23.8	13.6	40.6	5300	4125	16940	7684
1913.0	560.6	1033.9	303.0	382.3	24.1	14.2	42.5	5300	4275	17123	7767



SKM ECOLOGY UNIT (SEU)

SKM SEU series Ecology Units are ideal for large restaurants and dining areas in hotels, shopping centers, schools.

SEU Series capable of handling extract ventilation of 1000 to 24,000 cfm.

SEU series developed by SKM to meet the requirements for exhaust and filtration by ensuring removal of odour and grease particulates from commercial kitchens using a 3 or 4 steps filtration system at a low operational cost.

Basic Unit Arrangement

Pre Mesh Filter

Electrostatic Precipitator Filter

Last Mesh Filter

Fine Filter

Carbon Filter

Supply Fan



Fire rated fan
(optional)



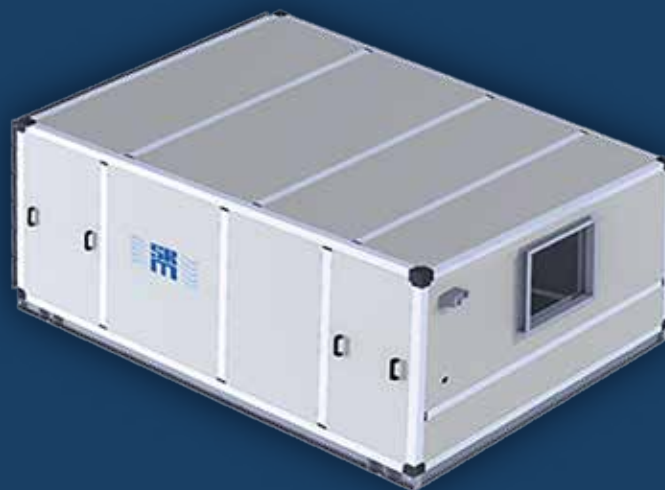
Sound Attenuator
(Optional)



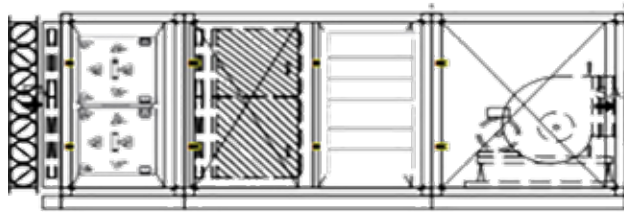
UV-C Lamp
(Optional)



HEPA Filter
(Optional)



Model	Product Picture	CFM	LPS	ESP	motor size	Unit Dimension			Operating Weight	
		ft ³ /min	l/s	Pa	kW	Height (mm)	Width (mm)	Length (mm)	lbs	Kg
SEU-0202		1500	708	400	1.5	900	750	3605	815	370
SEU-0203S1		2800	1322	400	2.2	950	1175	3605	992	450
SEU-0303S1		3000	1416	400	2.2	1225	1175	3705	1212	550
SEU-0205		4600	2170	400	4.0	950	1700	3605	1322	600
SEU-0305		4500	2124	400	4	1225	1700	3705	1410	640
SEU-0404		6000	2831	400	5.5	1475	1375	3705	1675	760
SEU-0405S1		9000	4249	400	11	1475	1800	3905	2182	990
SEU-0407		12000	5663	400	15	1475	2325	3905	2535	1150
SEU-0507		18000	8496	400	22	1800	2325	4230	3373	1530
SEU-0707		24000	11327	400	30	2400	2325	4230	3946	1790



- SEU includes mesh filter, electrostatic filter, fine filter and carbon filter as standard design.
- UV lamp, HEPA filter, sound attenuator and fire rated damper, motor, fan can be provide as option.
- Max velocity on electrostatic filter is 3.5m/s.
- Power supply 380-415V/3Ph/50Hz & 60 Hz.
- Sheet metal 100 mm height base frame.
- Foam injected and fiberglass insulation available.

FAN COIL UNIT

Fan Coil Units offered by SKM meets both standard and district cooling requirement with a wide range of air flow rate and capacity.

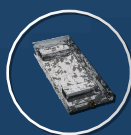
The ducted fan coil units with sleek, compact and low noise design makes it ideal for installations above the false ceiling. Fan Coil Units from SKM are available in 3 speed (psc motor) and Variable speed (ec motor) configurations with many standard features and options.

Deliveries on Fan Coil Units are reliably prompt. For those urgent projects, these Fan Coil Units can be delivered on request, as fast as required, handled the way they will be installed, with factory piped valve package to reduce field installation time and piping time to an absolute minimum.

Fan coil units provide flexibility of architectural design, the economy of operation and space usage, individual room control with privacy, quietness, the versatility of location and installation, and multiplicity of the control system. All these reasons make the SKM Fan Coil Units the first choice: Built in the Gulf...for the world.



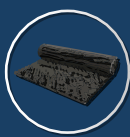
Casing
Skinning
-Single -Double Skin
(available as option)



Drain Pan
Painted Galvanized
Steel with 8 mm thick polyfoam
insulation as Standard,
Stainless Steel Drain pan
(available as option)



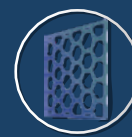
Coil
-Coils are factory leak tested by Air
pressure at 300 psig under Water.
-Maximum 6 rows Coil for Hi- Static
FCU & 4 rows Coils Medium Static FCU'S



Insulation
-1/2" thick polyfoam insulation
-1/2" thick fiber glass insulation
(available as option)



Fan & Motor
-Direct drive Centrifugal Fans
-FCU Motor with IF 44 & class F
(available as option)

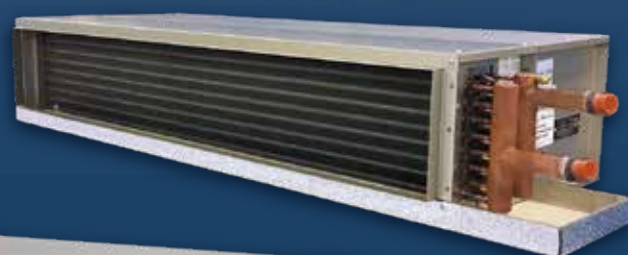


Filter
- 1" Aluminum media Filter.
-Synthetic Flat Filter
(available as option)



Optional Features

- Pre-Coated Fins
 - Copper Coat Fins
 - Electric Heater
- Ducted return , Roof and Bottom
- Control and Valve Package



Fan Coil Unit - Medium Static STD Cooling, DMP Series

MEDIUM STATIC FAN COIL UNITS: STANDARD APPLICATION (4ROWS)													
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow		Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible					Width	Length	Height	
		Cfm	l/s	kW	kW	l/s	gpm	kPa	dB(A)	mm	mm	mm	kg
DMP 02		203	96	2.68	1.74	0.12	1.90	19	43.5	535	680	280	16.3
DMP 03		229	108	3.06	1.98	0.13	2.06	25.1	46	535	730	280	19.7
DMP 04		283	134	3.47	2.32	0.15	2.38	6.2	46.9	535	830	280	22.4
DMP 04R		373	176	4.08	2.82	0.18	2.78	8.4	47.8	535	830	280	22.4
DMP 05		475	224	5.38	3.66	0.23	3.65	15.2	48.4	535	980	280	26.1
DMP 06		487	230	6.04	3.99	0.26	4.12	20.2	48.5	535	1135	280	28.8
DMP 08		666	314	7.73	5.19	0.33	5.23	33.2	51.4	535	1240	280	34.5
DMP 10		804	379	9.47	6.33	0.41	6.50	32	52.9	535	1240	300	43.5
DMP 12		990	467	10.68	7.37	0.46	7.29	13.2	53.4	535	1640	300	51.4
DMP 14		1160	547	12.79	8.78	0.55	8.72	12.2	53.8	535	1640	300	58.8
DMP 16		1330	628	15.26	10.32	0.66	10.46	18.1	55.9	535	1895	340	73.3
DMP 18		1615	762	18.45	12.49	0.79	12.52	18.3	57.2	535	1895	340	81.9
DMP 20		1729	815	19.28	13.13	0.83	13.16	19.9	57.4	535	1895	340	83.2

- SKM Fan Coil Series are available in standard and district cooling applications (Both Concealed, exposed).
- Chilled water capacity ratings are based on nominal air flow rate; 4 Row coil; air entering temperature DB/WB 80°F/67°F (27°C/19.5°C), Chilled water IN/OUT 45°F/55°F, (7.2°C/12.8°C).
- Sound Pressure levels at High Speed 25Pa ESP.
- Performance at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50Hz & 60Hz.

Fan Coil Unit - Medium Static STD Cooling, DMP-EC Series

MEDIUM STATIC FAN COIL UNITS- EC: STANDARD APPLICATION (4ROWS)													
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow		Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible					Width	Length	Height	
		Cfm	l/s	kW	kW	l/s	gpm	kPa	dB(A)	mm	mm	mm	kg
DMP 02		185	87	2.52	1.62	0.11	1.72	17	35.6	535	680	280	16.3
DMP 03		219	103	2.97	1.91	0.13	2.03	23.8	36.7	535	730	280	19.7
DMP 04		283	134	3.47	2.32	0.15	2.37	6.2	38.8	535	830	280	22.4
DMP 05		373	176	4.62	3.06	0.2	3.15	11.5	41.3	535	980	280	26.1
DMP 06		449	212	5.73	3.75	0.25	3.91	18.3	42.9	535	1135	280	28.8
DMP 08		595	281	7.25	4.8	0.31	4.95	29.5	45.2	535	1240	280	34.5
DMP 10		631	298	8.18	5.33	0.35	5.58	24.5	45.4	535	1240	300	43.5
DMP 12		775	366	9.12	6.14	0.39	6.23	9.8	46.7	535	1640	300	51.4
DMP 14		813	384	10.23	6.76	0.44	6.98	8	47.2	535	1640	300	58.8
DMP 16		1164	549	14.02	9.35	0.6	9.57	15.5	48.8	535	1895	340	73.3
DMP 18		1495	706	17.57	11.79	0.76	11.99	16.8	49.8	535	1895	340	81.9
DMP 20		1526	720	17.8	11.97	0.77	12.15	17.2	50.1	535	1895	340	83.2

- SKM Fan Coil EC units are available in DMP & DME based on application requirements.
- Chilled water capacity ratings are based on nominal air flow rate; 4 Row coil; air entering temperature DB/WB 80°F/67°F (27°C/19.5°C), entering/leaving chilled water temperature 45°F/55°F, (7.2°C/12.8°C).
- Performance at Medium Speed 50Pa ESP.
- Sound Pressure levels at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50Hz.

Fan Coil Unit - Hi-Static STD Cooling, DYP Series

HI-STATIC FAN COIL UNITS: STANDARD APPLICATION (4ROWS)												
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow	Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible				Width	Length	Height	
		Cfm	l/s	kW	kW	gpm	kPa	dB(A)	mm	mm	mm	kg
DYP 06		436	206	5.37	3.54	3.66	33.50	48.7	728	763	381	28.6
DYP 08		662	313	7.32	4.99	5.00	31.20	48.8	728	865	381	31.8
DYP 10		735	347	8.55	5.76	5.83	18.30	50.5	785	865	440	39.1
DYP 12		862	407	10.11	6.77	6.90	24.70	51.2	728	1170	381	41.4
DYP 15		1250	590	13.18	9.13	9.00	21.50	52.1	728	1322	381	51.8
DYP 18		1366	645	15.17	10.38	10.35	12.30	52.5	785	1322	440	64.1
DYP 21		1119	528	14.35	9.41	9.79	11.80	53.8	785	1474	440	67.3
DYP 24		1657	782	19.70	13.15	13.44	22.20	54.5	785	1627	440	73.6
DYP 28		1678	792	21.93	14.28	14.96	15.40	54.8	785	2084	440	83.1
DYP 30		2325	1097	27.15	18.21	18.53	22.90	56.4	785	2084	440	87.4

- SKM Hi-Static FCU's are available in DYC,DYP,DYE & DYF based on application requiremnts.
- Chilled water capacity ratings are based on nominal air flow rate; 4 Row coil; air entering temperature DB/WB 80°F/67°F (27°C/19.5°C), 45°F/55°F, (7.2°C/12.8°C) entering/leaving chilled water temperature.
- Sound Pressure levels at High Speed 50Pa ESP.
- Performance at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50hz.

Fan Coil Unit - Hi-Static STD Cooling, DYP-EC Series

HI-STATIC FAN COIL UNITS - EC: STANDARD COOLING APPLICATION (4ROWS)												
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow	Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible				Width	Length	Height	
		Cfm	l/s	kW	kW	gpm	kPa	dB(A)	mm	mm	mm	kg
DYP 06		522	246	5.95	4.01	4.06	40.40	40.1	728	763	381	28.6
DYP 08		542	256	6.48	4.32	4.42	25.00	40.9	728	865	381	31.8
DYP 10		905	427	9.76	6.71	6.66	23.40	44.4	785	865	440	39.1
DYP 12		1009	476	11.09	7.57	7.57	29.30	44.6	728	117	381	41.4
DYP 15		1056	498	11.86	8.07	8.09	17.70	45	728	1322	381	51.8
DYP 18		1711	808	17.48	12.25	11.93	16.10	45.2	785	1322	440	64.1
DYP 21		1811	855	19.53	13.43	13.33	20.80	48.2	785	1474	440	67.3

- SKM Hi-Static EC FCU's are available in DYP EC & DYE EC based on application requiremnts.
- Chilled water capacity ratings are based on nominal air flow rate; 4 Row coil; air entering temperature DB/WB 80°F/67°F (27°C/19.5°C), entering/leaving chilled water temperature 45°F/55°F, (7.2°C/12.8°C).
- Performance at Medium Speed 50Pa ESP.
- Sound Pressure levels at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50hz.

Fan Coil Unit - Medium Static District Cooling, DCMP Series

MEDIUM STATIC FAN COIL UNITS: DISTRICT COOLING APPLICATION (4ROWS)													
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow		Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible					Width	Length	Height	
		Cfm	l/s	kW	kW	l/s	gpm	kPa	dB(A)	mm	mm	mm	kg
DCMP 02		204	96	1.73	1.4	0.05	0.74	9	37.1	535	680	280	16.3
DCMP 03		230	109	1.96	1.58	0.05	0.83	11.7	38.6	535	730	280	19.7
DCMP 04		287	136	2.52	2	0.07	1.08	19.9	38.8	535	830	280	22.4
DCMP 04 R		379	179	2.94	2.46	0.08	1.26	26.2	47.9	535	830	280	22.4
DCMP 05		458	216	4.57	3.37	0.12	1.95	26.4	39	535	980	280	26.1
DCMP 06		471	222	4.79	3.53	0.13	2.04	31.5	39.6	535	1135	280	28.8
DCMP 08		637	301	6.34	4.67	0.17	2.70	55.1	44.3	535	1240	280	34.5
DCMP 10		784	370	7.39	5.59	0.2	3.15	14.9	46.4	535	1240	300	43.5
DCMP 12		957	451	9.33	6.91	0.25	3.98	23.3	48.3	535	1640	300	51.4
DCMP 14		1136	536	11.29	8.32	0.3	4.82	21.9	48.6	535	1640	300	58.8
DCMP 16		1302	614	13.87	9.92	0.37	5.92	34.9	49.1	535	1895	340	73.3
DCMP 18		1579	745	16.75	12	0.45	7.14	35.3	47.3	535	1895	340	81.9
DCMP 20		1692	798	17.4	12.59	0.47	7.42	37.8	47.7	535	1895	340	83.2

- SKM Fan Coil units are available in DCMP & DCME based on application requirements.
- Chilled water capacity ratings are based on nominal air flow rate; 4 Row coil; air entering temperature DB/WB 78°F/65°F (25.5°C/18.3°C), entering/leaving chilled water temperature 42°F/58°F, (5.5°C/14.4°C) .
- Performance at Medium Speed 50Pa ESP.
- Sound Pressure levels at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50hz.

Fan Coil Unit -Medium Static District Cooling, DCMP-EC Series

MEDIUM STATIC FAN COIL UNITS- EC: DISTRICT COOLING APPLICATION (4ROWS)													
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow		Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible					Width	Length	Height	
		Cfm	l/s	kW	kW	l/s	gpm	kPa	dB(A)	mm	mm	mm	kg
DCMP 02		188	89	1.65	1.32	0.04	0.70	8.2	35.6	535	680	280	16.3
DCMP 03		222	105	1.92	1.54	0.05	0.82	11.2	36.7	535	730	280	19.7
DCMP 04		288	136	2.52	2	0.07	1.08	20	38.8	535	830	280	22.4
DCMP 05		384	181	4.09	2.95	0.11	1.74	21.6	41.3	535	980	280	26.1
DCMP 06		458	216	4.71	3.46	0.13	2.01	30.6	42.9	535	1135	280	28.8
DCMP 08		601	283	6.12	4.48	0.16	2.61	51.8	45.2	535	1240	280	34.5
DCMP 10		634	299	6.49	4.77	0.17	2.77	11.8	45.4	535	1240	300	43.5
DCMP 12		781	369	8.22	5.95	0.22	3.50	18.5	46.7	535	1640	300	51.4
DCMP 14		818	386	9.2	6.52	0.25	3.92	15.1	47.2	535	1640	300	58.8
DCMP 16		1176	555	13.09	9.24	0.35	5.58	31.4	48.8	535	1895	340	73.3
DCMP 18		1506	711	16.32	11.62	0.44	6.96	33.6	49.8	535	1895	340	81.9
DCMP 20		1537	725	16.5	11.78	0.44	7.04	34.3	50.1	535	1895	340	83.2

- SKM Fan Coil EC units are available in DCMP & DCME based on application requirements..
- Chilled water capacity ratings are based on nominal air flow rate; 4 Row coil; air entering temperature DB/WB 78°F/65°F (25.5°C/18.3°C), entering/leaving chilled water temperature 42°F/58°F, (5.5°C/14.4°C) .
- Performance at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50hz.

Fan Coil Unit - Hi-Static District Cooling, DCYP Series

HI-STATIC FAN COIL UNITS: DISTRICT COOLING APPLICATION (4ROWS)												
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow	Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible				Width	Length	Height	
		Cfm	l/s	kW	kW	gpm	kPa	dB(A)	mm	mm	mm	kg
DCYP 06		440	208	4.36	3.23	1.86	23.40	48.5	728	763	381	28.6
DCYP 08		669	316	5.87	4.55	2.51	20.60	48.9	728	865	381	31.8
DCYP 10		753	355	7.71	5.61	3.29	42.10	50.6	785	865	440	39.1
DCYP 12		873	412	8.05	6.14	3.43	15.80	51.3	728	1170	381	41.4
DCYP 15		1268	598	11.54	8.74	4.92	32.60	52.2	728	1322	381	51.8
DCYP 18		1402	662	13.36	10.02	5.70	25.40	52.8	785	1322	440	64.1
DCYP 21		1172	553	12.44	9.02	5.30	13.70	53.8	785	1474	440	67.3
DCYP 24		1692	799	16.67	12.35	7.11	24.70	54.7	785	1627	440	73.6
DCYP 28		1775	837	18.40	13.48	7.85	10.60	54.8	785	2084	440	83.1
DCYP 30		2369	1118	21.72	16.60	9.26	14.30	56.6	785	2084	440	87.4

- SKM Hi-Static FCU's are available in DCYC,DCYP,DCYE & DCYF based upon application requiremnts..
- Chilled water capacity ratings are based on nominal air flow rate; 4Row coil air entering temperature DB/WB 78°F/65°F (25.5°C/18.3°C), 42°F/58°F, (5.5°C/14.4°C) entering/leaving chilled water temperature.
- Sound Pressure levels at High Speed 50Pa ESP.
- Performance at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50hz.

Fan Coil Unit - Hi-Static District Cooling, DCYP-EC Series

HI-STATIC FAN COIL UNITS - EC: DISTRICT COOLING APPLICATION (4ROWS)												
Models	Product Picture	Air Flow		Cooling Capacity		Water Flow	Water Pressure Drop	Sound Pressure	Dimensions			Weight
				Total	Sensible				Width	Length	Height	
		Cfm	l/s	kW	kW	gpm	kPa	dB(A)	mm	mm	mm	kg
DCYP-EC 06		528	249	4.67	3.62	1.99	26.50	40.2	728	763	381	28.6
DCYP-EC 08		556	262	5.02	3.88	2.14	15.60	41.3	728	865	381	31.8
DCYP-EC 10		920	434	8.76	6.52	3.73	52.80	44.6	785	865	440	39.1
DCYP-EC 12		1018	480	8.54	6.77	3.64	17.50	44.7	728	117	381	41.4
DCYP-EC 15		1077	508	9.76	7.49	4.16	24.20	45.2	728	1322	381	51.8
DCYP-EC 18		1736	819	15.17	11.71	6.47	31.80	45.5	785	1322	440	64.1
DCYP-EC 21		1850	873	15.73	12.36	6.71	20.70	48.4	785	1474	440	67.3

- SKM Hi-Static EC FCU's are available in DCYP EC & DCYE EC based on application requiremnts..
- Chilled water capacity ratings are based on nominal air flow rate; 4 Row coil; air entering temperature DB/WB 78°F/65°F (25.5°C/18.3°C), entering/leaving chilled water temperature 42°F/58°F, (5.5°C/14.4°C)
- Performance at Medium Speed 50Pa ESP.
- Sound Pressure levels at Medium Speed 50Pa ESP.
- 220-240V/1Ph/50hz.

PACKAGED UNIT

SKM Packaged Air Conditioners are ideal for Commercial spaces, Warehouses, Schools, Mosques, Power Plants, Substations delivering the required indoor air quality and meeting the heating and cooling demands of the space.

It's available in wide capacity, ranging from 4 TR to 125 TR in various series like APMR-V, APMR, PACS, PACV and PAC4A provided with Inverter scroll, On-Off scroll or Semi-hermetic reciprocating and different refrigerants like R407c, R410a and R134a. Unit operation is controlled by Microprocessor controllers and available with thermostatic or electronic expansion valves

SKM Offers 100% Fresh air packaged unit designed for year-round operation handling hot & humid to cold & dry fresh air.

These packaged units are designed, rated and certified in accordance with International and Regional standards, like AHRI, ASHRAE, ESMA, SASO, etc.,



Runs with Eco friendly Refrigerant



Wide Operating Range (10°C to 50°C).



IP-54 control panel housing all operational controls.
(Higher IP ratings available as option).



High Efficiency Range exceeding Regional Efficiency Requirements



Efficient hermetically sealed scroll compressors.



Advanced Microprocessor based controller available as Option.



علامة الجودة الإماراتية
Emirates Quality Mark

Packaged Unit - APMR 50Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
APMR 51050		1670	53.4	15.65	47.4	13.89	5.25	6.45	10.17	7.35	1124	1499	1080	585
APMR 51060		2000	59.0	17.29	52.4	15.36	5.65	5.95	10.44	8.81	1327	1562	1285	681
APMR 51075		2400	74.4	21.81	66.4	19.46	7.25	8.85	10.26	7.50	1327	1562	1285	695
APMR 51080		2900	80.4	23.56	70.8	20.75	8.20	9.90	9.80	7.15	1327	1714	1285	771
APMR 51100		3220	98.6	28.90	87.6	25.67	8.50	10.40	11.60	8.42	1327	1714	1575	909
APMR 52115		4000	113.7	33.32	99.9	29.28	10.50	12.70	10.83	7.87	1327	1714	1727	1050
APMR 52125		4000	120.0	35.17	106.8	31.30	11.02	13.52	10.89	7.90	1327	1905	1905	1242
APMR 52150		5000	150.3	44.05	134.6	39.45	14.32	17.52	10.50	7.68	1552	1956	1905	1277
APMR 52170		6000	168.1	49.27	149.3	43.76	15.90	19.40	10.57	7.70	1515	1905	1905	1469
APMR 52200		7000	194.6	57.03	173.0	50.70	18.50	22.20	10.52	7.79	1515	2159	2032	1709
APMR 52230		7000	227.1	66.56	198.3	58.12	21.20	25.80	10.71	7.69	1515	2159	2032	1741
APMR 52240		8000	233.7	68.49	206.8	60.61	21.50	26.10	10.87	7.92	1705	2580	2235	1878
APMR 52270		8000	264.5	77.52	229.1	67.15	24.20	29.50	10.93	7.77	1705	2580	2235	1925
APMR 52300		9100	299.5	87.78	259.9	76.17	26.00	31.30	11.52	8.30	1845	2682	2235	2050
APMR 52340		10500	337.6	98.94	298.9	87.60	31.80	37.70	10.62	7.93	1845	2682	2235	2225

Packaged Unit - APMR-G1 50Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
APMR 51055G1		1700	55.66	16.31	48.58	14.24	4.36	5.47	12.76	8.88	1131	1291	1143	645
APMR 51070G1		2100	72.20	21.16	62.85	18.42	6.06	7.43	11.91	8.45	1284	1391	1143	669
APMR 51080G1		2800	84.11	24.65	74.38	21.80	6.72	8.26	12.52	9.01	1535	1530	1194	814
APMR 51090G1		3200	91.01	26.67	79.84	23.40	7.34	8.94	12.40	8.93	1536	1600	1194	894
APMR 51100G1		3500	102.65	30.08	89.94	26.36	8.44	10.33	12.17	8.71	1536	1600	1194	914
APMR 51120G1		4100	122.09	35.78	106.26	31.14	9.62	11.90	12.70	8.93	1536	1600	1397	1040
APMR 52130G1		4500	131.91	38.66	115.50	33.85	10.90	13.42	12.11	8.61	1515	1905	1905	1622
APMR 52150G1		5000	151.08	44.28	131.84	38.64	12.63	15.32	11.97	8.61	1515	1905	1905	1622
APMR 52170G1		5800	168.05	49.25	148.52	43.53	13.76	16.82	12.21	8.83	1515	2311	2235	1956
APMR 52180G1		6200	180.82	53.00	158.27	46.39	15.21	18.45	11.89	8.58	1515	2311	2235	2032
APMR 52210G1		6500	207.27	60.75	181.54	53.21	16.81	20.50	12.33	8.86	1515	2311	2235	2090
APMR 52240G1		7000	241.83	70.88	209.39	61.37	19.21	23.77	12.59	8.81	1663	2413	2235	2288
APMR 52270G1		8000	272.62	79.90	236.09	69.19	21.39	26.70	12.74	8.84	1845	2682	2235	2724
APMR 52300G1		9000	296.22	86.82	255.37	74.84	25.07	30.23	11.81	8.45	1845	2682	2235	2739
APMR 52340G1		10000	342.00	100.23	298.60	87.51	30.12	35.29	11.35	8.46	1933	2946	2235	2776
APMR 52380G1		10800	389.89	114.27	345.43	101.24	32.65	39.63	11.94	8.72	2208	3302	2235	3391
APMR 52420G1		11800	431.72	126.53	388.25	113.79	38.31	46.42	11.27	8.36	2208	3302	2235	3603
APMR 52500G1		13500	489.76	143.54	435.18	127.54	43.39	52.59	11.29	8.27	2622	3302	2235	3835
APMR 52550G1		15800	551.23	161.56	494.81	145.02	49.24	59.38	11.19	8.33	2665	3493	2235	4857

Packaged Unit - APMR-H 60Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
APMR 61006H		2200	73.1	21.42	63.7	18.67	6.71	7.49	11.20	8.50	1339	1391	1143	1076
APMR 61008H		3000	98	28.72	86.1	25.23	8.72	10.72	11.20	8.03	1536	1600	1194	1118
APMR 61010H		3500	123.2	36.11	107.8	31.59	9.75	12.82	11.20	8.41	1536	1600	1397	1396
APMR 62012H		4000	145.1	42.53	126.3	37.02	11.84	15.08	11.10	8.38	1382	1905	1905	1477
APMR 62015H		4800	164.6	48.24	144.3	42.29	13.95	17.88	11.00	8.07	1382	1905	1905	1559
APMR 62018H		7000	209.3	61.34	185.3	54.31	13.61	22.14	11.00	8.37	1579	2489	2235	1506
APMR 62020H		7500	258.2	75.67	224	65.65	17.62	28.64	10.40	7.82	1579	2489	2235	1645
APMR 62025H		9000	296.5	86.90	257.2	75.38	19.27	32.84	10.20	7.83	1579	2489	2235	2028
APMR 62030H		10500	355.9	104.31	309.6	90.74	26.47	37.76	10.00	8.20	1952	2946	2235	2200
APMR 62035H		14000	429.6	125.91	375.2	109.96	30.17	46.70	10.00	8.03	2496	2892	2235	2271
APMR 62045H		16000	5105	1496.19	449.8	131.83	33.99	54.40	10.00	8.27	2622	3484	2242	2780
APMR 62050H		17000	590.5	173.07	514.1	150.67	40.14	63.60	10.00	8.08	2622	3484	2242	2945
APMR 62055H		19500	655.4	192.09	567.9	166.44	45.22	71.50	10.00	7.94	2893	4780	2242	3223
APMR 62065H		21000	727.3	213.16	625.4	183.29	69.38	78.80	10.00	7.94	2893	4780	2242	4921

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb.
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant R 410a.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input .
- Power Supply : 380-415V/3Ph/50 Hz & 60Hz

Packaged Unit - PACS-C 50Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
PACS 51004C		1670	48.60	14.24	44.90	13.16	4.85	6.05	10.02	7.42	1124	1499	1080	648
PACS 51005C		2000	56.70	16.62	51.50	15.09	5.45	6.95	10.40	7.41	1327	1562	1285	725
PACS 51007C		2400	68.60	20.11	61.80	18.11	6.65	8.25	10.32	7.49	1327	1562	1285	743
PACS 51008C		2880	82.70	24.24	74.90	21.95	7.50	9.20	11.03	8.14	1327	1714	1285	867
PACS 52010C		4000	115.50	33.85	105.20	30.83	10.40	15.40	11.11	6.83	1327	1905	1905	1153
PACS 52012C		5000	138.60	40.62	124.90	36.61	13.22	16.32	10.48	7.65	1552	1956	1905	1221
PACS 52013C		6000	146.80	43.02	131.60	38.57	13.90	16.80	10.56	7.83	1515	1905	1905	1342
PACS 52015C		6000	176.20	51.64	156.90	45.98	16.10	19.70	10.94	7.96	1515	1905	1905	1501
PACS 52017C		7000	198.90	58.29	177.20	51.93	18.30	21.90	10.87	8.09	1515	2159	2032	1640
PACS 52019C		7000	218.30	63.98	196.80	57.68	21.10	25.70	10.35	7.66	1515	2159	2032	1640
PACS 52020C		8000	237.10	69.49	211.00	61.84	21.60	26.10	10.98	8.08	1705	2580	2235	1897
PACS 52024C		8000	257.40	75.44	231.70	67.91	23.90	29.20	10.77	7.93	1705	2580	2235	1902
PACS 52025C		9100	287.40	84.23	258.30	75.70	25.70	31.40	11.18	8.23	1845	2682	2235	2062
PACS 52028C		10500	321.20	94.14	288.80	84.64	31.30	38.10	10.26	7.58	1845	2682	2235	2074
PACS 52034C		10400	348.60	102.17	314.90	92.29	38.50	46.50	9.05	6.77	1826	2921	2235	3244
PACS 52039C		11700	394.60	115.65	357.40	104.75	44.50	53.80	8.87	6.64	1953	2921	2235	3561
PACS 52045C		14600	464.90	136.25	419.60	122.98	49.60	59.70	9.37	7.03	2387	3226	2235	4574
PACS 52049C		17200	525.90	154.13	472.50	138.48	57.50	68.40	9.15	6.91	2521	3226	2235	4946
PACS 52052C		18750	606.10	177.64	541.50	158.70	66.80	79.20	9.07	6.84	2625	3226	2235	6765
PACS 52060C		21000	656.60	192.44	579.80	169.93	72.30	85.30	9.08	6.80	2284	4724	2235	6948
PACS 52065C		23000	764.20	223.97	687.50	201.49	77.80	93.70	9.82	7.34	2690	5297	2243	10434
PACS 52070C		23000	822.70	241.12	743.90	218.02	87.10	105.60	9.45	7.04	2690	5297	2243	10591
PACS 52080C		25600	911.20	267.06	824.50	241.65	93.90	113.10	9.70	7.29	2570	7396	2235	11453
PACS 52085C		30000	995.40	291.74	895.20	262.37	98.70	118.70	10.09	7.54	2620	7497	2540	12031
PACS 52090C		31500	1045.20	306.33	935.80	274.27	103.60	124.40	10.09	7.52	2620	7650	2540	12252
PACS 52095C		33500	1098.60	321.98	977.10	286.37	112.10	133.70	9.80	7.31	2620	7827	2540	12581

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb.
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant R 407c.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input.
- Power Supply : 380-415V/3Ph/50Hz.

Packaged Unit - PACS-CG 50Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
PACS 51004CG		1670	51.20	15.01	47.00	13.77	4.45	5.55	11.51	8.47	1124	1550	1080	735
PACS 51005CG		2000	61.50	18.02	54.70	16.03	5.15	6.45	11.94	8.48	1327	1613	1285	805
PACS 51007CG		2400	72.70	21.31	64.80	18.99	6.15	7.55	11.82	8.58	1327	1613	1285	830
PACS 51008CG		2880	87.60	25.67	77.60	22.74	7.30	9.00	12.00	8.62	1327	1714	1285	900
PACS 52010CG		4000	121.70	35.67	108.30	31.74	10.32	13.12	11.79	8.25	1327	1905	1905	1185
PACS 52012CG		5000	143.30	42.00	127.40	37.34	12.82	15.82	11.18	8.05	1552	1956	1905	1250
PACS 52013CG		6000	152.40	44.67	136.30	39.95	13.70	16.60	11.12	8.21	1515	2311	2235	1754
PACS 52015CG		6000	175.60	51.47	156.20	45.78	15.60	19.10	11.26	8.18	1515	2311	2235	1754
PACS 52017CG		7000	205.30	60.17	185.00	54.22	17.70	21.10	11.60	8.77	1663	2413	2235	1842
PACS 52019CG		7000	230.80	67.64	205.70	60.29	20.00	24.30	11.54	8.47	1663	2413	2235	1842
PACS 52020CG		8000	234.30	68.67	209.90	61.52	19.20	23.60	12.20	8.89	1751	2489	2235	1911
PACS 52024CG		8000	262.60	76.96	233.20	68.35	21.50	26.60	12.21	8.77	1933	2489	2235	2367
PACS 52025CG		9100	286.20	83.88	252.40	73.97	24.70	30.30	11.59	8.33	1933	2946	2235	2440
PACS 52028CG		10500	323.20	94.72	284.40	83.35	30.20	36.90	10.70	7.71	1933	2946	2235	2440
PACS 52034CG		10400	364.20	106.74	325.10	95.28	36.30	44.20	10.03	7.36	1826	2921	2235	3450
PACS 52039CG		11700	427.60	125.32	380.00	111.37	42.90	51.80	9.97	7.34	2257	3023	2235	3923
PACS 52045CG		14600	488.30	143.11	431.40	126.44	47.20	56.90	10.35	7.58	2625	3226	2235	4962
PACS 52049CG		17200	539.10	158.00	475.10	139.24	55.50	66.20	9.71	7.18	2625	3226	2235	5287
PACS 52052CG		18750	607.30	177.99	533.00	156.21	62.50	74.60	9.72	7.14	2640	3493	2235	5815
PACS 52060CG		21000	656.40	192.38	579.40	169.81	66.50	79.70	9.87	7.27	2690	4992	2243	9874
PACS 52065CG		23000	744.50	218.20	657.30	192.64	76.00	91.60	9.80	7.18	2690	5297	2243	10666
PACS 52070CG		23000	829.80	243.20	733.20	214.89	86.20	104.10	9.63	7.04	2690	5297	2243	10957
PACS 52080CG		25600	896.80	262.84	794.60	232.88	90.90	109.60	9.87	7.25	2570	7396	2235	11651
PACS 52085CG		30000	968.20	283.76	854.40	250.41	95.40	115.10	10.15	7.42	2791	7497	2540	12260
PACS 52090CG		31500	1015.40	297.60	894.10	262.05	100.30	288.30	10.12	3.10	2791	7650	2540	12488
PACS 52095CG		33500	1063.80	311.78	935.40	274.15	108.80	130.20	9.78	7.18	2791	7827	2540	12826

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb .
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant R 407c.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input.
- Power Supply : 380-415V/3Ph/50Hz.

Packaged Unit - PACS-C 60Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
PACS 62020C		7000	230.00	67.41	222.38	65.17	20.91	27.78	11.00	8.01	2283	4137	2235	4264
PACS 62030C		10000	332.00	97.30	308.35	90.37	33.20	41.50	10.00	7.43	2283	4137	2235	4420
PACS 62035C		12000	370.00	108.44	344.60	100.99	37.00	48.30	10.00	7.13	2283	4289	2235	5018
PACS 64040C		14000	470.00	137.74	438.00	128.37	47.00	56.80	10.00	7.71	2483	5033	2242	7581
PACS 64045C		15000	520.00	152.40	475.00	139.21	52.00	60.50	10.00	7.85	2483	5033	2242	7745
PACS 64050C		16000	540.00	158.26	512.70	150.26	54.00	68.88	10.00	7.44	2483	5033	2242	8149
PACS 64060C		20000	690.00	202.22	626.90	183.73	69.00	82.40	10.00	7.61	2973	5245	2242	9077
PACS 64070C		23000	820.00	240.32	729.60	213.82	84.54	100.00	9.70	7.30	2973	5245	2540	9898
PACS 63080C		26000	935.00	274.02	856.00	250.87	96.39	122.40	9.70	6.99	3026	6606	2540	12617
PACS 64095C		30875	1135.00	332.64	1041.40	305.20	117.01	150.90	9.70	6.90	2817	8390	2540	14602
PACS 64105C		35750	1260.00	369.27	1159.70	339.87	129.90	164.20	9.70	7.06	2817	8390	2540	15241

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb.
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant R 407c.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input.
- PACSC is AHRI certified series, ratings given are based on net capacities.
- Power Supply : 380-415V/3Ph/50 Hz & 60Hz.

Packaged Unit - PACV-S 50Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
PACV 51008S		3000	89.70	26.30	81.10	23.78	8.49	9.89	10.57	8.20	1573	2159	1727	1049
PACV 51010S		4000	118.30	34.69	108.00	31.67	10.49	12.49	11.28	8.65	1484	2337	1880	1154
PACV 51014S		6000	161.10	47.24	148.20	43.46	15.83	18.63	10.17	7.95	1484	2337	1930	2050
PACV 51017S		6000	175.80	51.55	158.60	46.51	17.23	20.13	10.20	7.88	1484	2337	1880	2175
PACV 52015S		6600	187.70	55.04	172.90	50.70	20.04	23.64	9.36	7.31	1484	2337	1930	2208
PACV 52017S		6600	196.40	57.60	177.90	52.17	20.94	24.44	9.38	7.28	1572	2438	2134	2254
PACV 52020S		7500	224.10	65.72	204.30	59.91	23.94	28.14	9.36	7.26	1724	2489	2134	2395
PACV 52023S		8800	258.90	75.92	237.10	69.53	27.24	32.24	9.50	7.35	1826	3048	2235	2553
PACV 52026S		10416	301.70	88.48	278.20	81.58	32.51	38.21	9.28	7.28	2029	3048	2235	3133
PACV 52030S		11500	337.50	98.97	310.90	91.17	38.13	44.63	8.85	6.97	2029	3048	2235	3228
PACV 52032S		11500	356.60	104.57	328.60	96.36	41.33	48.63	8.63	6.76	2362	3124	2235	3248
PACV 52038S		14580	439.50	128.89	400.00	117.30	46.43	54.73	9.47	7.31	2521	3226	2235	3648
PACV 52045S		17000	510.80	149.79	468.20	137.30	57.52	67.42	8.88	6.94	2622	3226	2235	4392
PACV 52050S		18750	569.10	166.89	524.10	153.70	63.62	75.12	8.94	6.98	2622	3226	2337	4708
PACV 52055S		18750	652.10	191.23	599.90	175.92	70.32	83.22	9.27	7.21	2284	5029	2235	5056
PACV 52065S		23000	751.70	220.44	691.70	202.84	80.07	94.47	9.39	7.32	2513	6340	2235	7720
PACV 53070S		25600	818.90	240.15	748.40	219.47	85.77	100.57	9.55	7.44	2513	6340	2235	8758
PACV 53075S		25600	879.40	257.89	807.70	236.86	96.07	113.17	9.15	7.14	2741	6340	2235	9149
PACV 53080S		28400	911.50	267.30	835.20	244.93	97.07	113.97	9.39	7.33	2741	6441	2235	9316
PACV 53085S		30000	989.30	290.12	909.80	266.80	98.97	117.67	10.00	7.73	2741	6594	2235	9895
PACV 53090S		31500	1047.70	307.24	963.60	282.58	105.97	126.17	9.89	7.64	2741	6772	2235	10045
PACV 53095S		33500	1090.20	319.71	1002.30	293.93	113.86	134.66	9.58	7.44	2741	7904	2235	10236
PACV 54100S		33500	1176.60	345.04	1082.20	317.36	124.36	147.26	9.46	7.35	2741	8006	2235	12796
PACV 54110S		35000	1268.70	372.05	1169.20	342.87	129.86	155.16	9.77	7.54	2741	8158	2235	13222
PACV 54115S		37000	1330.90	390.29	1226.00	359.53	136.86	163.76	9.72	7.49	2741	8362	2235	13357
PACV 54125S		40000	1421.10	416.74	1308.40	383.70	151.64	180.74	9.37	7.24	2741	8362	2235	13564

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb .
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant-R 134a.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input.
- Power Supply : 380-415V/3Ph/50Hz.

Packaged Unit - PAC4A 50Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 115°F		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	Height (mm)	Length (mm)	Width (mm)	
PAC4A 51006		600	55.00	16.13	1044	1829	1626	1351
PAC4A 52008		1200	93.50	27.42	1371	1829	1626	1573
PAC4A 52010		1200	108.30	31.76	1371	1829	1626	1692
PAC4A 52011		1600	124.50	36.51	1421	2083	1880	1957
PAC4A 52013		1800	148.20	43.46	1421	2083	1880	2024
PAC4A 52015		2200	189.40	55.54	1651	2286	2083	2511
PAC4A 52018		2600	214.80	62.99	1651	2286	2083	2550
PAC4A 52020		3200	243.30	71.35	1956	2286	2235	2855
PAC4A 52023		3200	263.10	77.16	1956	2286	2235	2933
PAC4A 52025		3400	293.80	86.16	1956	2514	2235	3201
PAC4A 52030		4400	370.20	108.56	2361	3404	2235	3748
PAC4A 52035		4400	398.80	116.95	2361	3404	2235	3978
PAC4A 52040		5400	465.50	136.51	2613	3505	2235	4175

Packaged Unit - PAC4A 60Hz

Model Name	Product Picture	Air Flow Rate	Cooling Capacity at 115°F		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	Height (mm)	Length (mm)	Width (mm)	
PAC4A 61006		600	55.90	16.39	1044	1829	1626	1317
PAC4A 62008		1200	96.70	28.36	1371	1829	1626	1573
PAC4A 62010		1200	111.40	32.67	1371	1829	1626	1624
PAC4A 62011		1600	134.30	39.38	1421	2083	1880	1952
PAC4A 62013		1800	132.20	38.77	1421	2083	1880	2024
PAC4A 62015		2200	185.90	54.52	1651	2286	2083	2414
PAC4A 62018		2600	220.10	64.55	1651	2286	2083	2550
PAC4A 62020		3200	253.70	74.40	1956	2286	2235	2848
PAC4A 62023		3200	266.10	78.04	1956	2286	2235	2913
PAC4A 62025		3400	292.10	85.66	1956	2514	2235	3191
PAC4A 62030		4400	369.10	108.24	2361	3404	2235	3595
PAC4A 62035		4400	419.30	122.96	2361	3404	2235	3830
PAC4A 62040		5400	485.60	142.40	2613	3505	2235	4162

- Ratings are based on fresh air application, in which the ambient temperature is same as on coil temperature.
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant R 410a.
- Power Supply : 380-400V/3Ph/50Hz & 60Hz.
- For other conditions, please consult SKM

Packaged Unit - APMR-W 60Hz

Model Name	Product Picture	Nominal Airflow , CFM	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input		EER		COP		Dimension			Operating Weight (Lbs)
			(Mbh)	(kW)	(Mbh)	(kW)	(Kw) at 95°F	(kW) at 115°F	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
APMR - 61036W		1200	32.90	9.64	29.20	8.56	2.7	3.2	12.0	8.8	3.5	2.6	2051	980	610	536
APMR - 61048W		1400	47.70	13.98	41.60	12.19	3.8	4.7	11.8	8.5	3.5	2.5	2185	1143	610	623
APMR - 61060W		1800	59.00	17.29	51.70	15.15	5.1	6.2	11.2	8.1	3.3	2.4	2185	1143	610	623

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb .
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input.
- Power Supply : 380V/3PH/60Hz.

Packaged Unit - APMR-V 50/60Hz

Model Name	Product Picture	Nominal Airflow , CFM	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input		EER		COP		Dimension			Operating Weight (Lbs)
			(Mbh)	(kW)	(Mbh)	(kW)	(Kw) at 95°F	(kW) at 115°F	at 95°F	at 114.8°F	at 95°F	at 114.8°F	Height (mm)	Length (mm)	Width (mm)	
APMR 61006V / 51006V		2200	74.99	21.97	66.86	19.59	5.85	7.12	12.5	9.1	3.7	2.7	1538	1530	1194	984
APMR 61008V / 51008V		3000	96.50	28.27	85.63	25.09	7.75	9.35	12.2	9.0	3.6	2.6	1568	1600	1194	1179
APMR 61010V / 52010V		3600	113.51	33.26	101.07	29.61	9.26	11.50	12.0	8.5	3.5	2.5	1568	1600	1397	1298
APMR 61012V / 51012V		4000	140.42	41.14	124.94	36.61	11.04	13.70	12.5	8.9	3.7	2.6	1552	1905	1905	1544
APMR 62014V / 52014V		4800	180.30	52.83	163.18	47.81	15.12	18.27	11.7	8.7	3.4	2.6	1552	1905	1905	1777
APMR 62018V / 52018V		7000	211.99	62.11	188.87	55.34	17.67	21.94	11.7	8.4	3.4	2.5	1581	2489	2235	2338
APMR 62020V / 52020V		7500	235.41	68.98	209.51	61.39	19.55	24.22	11.7	8.4	3.4	2.5	1581	2489	2235	2446
APMR 62025V / 52025V		10000	284.18	83.26	253.96	74.41	24.69	30.08	11.1	8.1	3.2	2.4	1954	2946	2235	2821
APMR 62030V / 52030V		11000	361.59	105.95	320.98	94.05	30.87	37.40	11.3	8.3	3.3	2.4	2208	3302	2235	3597
APMR 62035V / 52035V		12000	416.04	121.90	369.73	108.33	36.76	44.13	10.9	8.0	3.2	2.3	2208	3302	2235	3809

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb .
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant R 410a.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input.
- Power Supply : 380-415V/3Ph/50Hz & 60Hz .

SWIMPOOL UNIT

Indoor pool generally has a much higher humidity level compared to any other area in the building. The main reason for this is the evaporation of pool water from the surface which is set at a designed temperature to give swimmer comfort and pleasure. Thus, it becomes necessary to provide a system that controls the moisture levels, temperature and provides appropriate ventilation & exhausts the chloramines to keep the swimmers and occupants in a healthy and comfortable environment throughout the year.

SKM'S "Dehumidification Unit – Swimpool" (DH-S) is such a product which will not only dehumidify but also cool, ventilate & filter the air, all at the same time with same machine. Options for pool water heating and exhaust fans are also available. These units are ideally suited for wide variety of Indoor pool application such as Residential, Hotel, School, Sports Complex, Aqua Parks, Health Club and Hospitals.

All our models are equipped with efficient Scroll compressors along with reheat condenser coil which recycles the compressor heat to maintain humidity level instead of power consuming electric heater.

SKM Swimpool Unit is available in wide capacity range from 23 to 355 Kw in multiple independent circuits suitable for both 50Hz & 60Hz power supply.



Runs with Eco friendly Refrigerant



Complete Humidity and Temperature Control by recycling of waste energy



Period scheduling based on occupied and unoccupied time



Remote room unit display with intelligent microprocessor control



Special coating to provide corrosion resistance against chlorine content of pool air



Swimpool Unit - DH-S 50Hz

Model Name	Product Picture	Power Supply (Ph/V/Hz)	Pool Area (Sq.m)	Supply Airflow rate (CFM)	Minimum Outdoor Air (CFM)	Dehumidification Capacity (Kg/hr)	Total Cooling Capacity at 115°F (MBH)	Sensible Capacity at 115°F (MBH)	Reheat Condenser Capacity (MBH)	Compressor Power Input (KW)	Condenser Fan Motor Size (KW) /Qty	Evap Motor (KW)
DH-S-014C		380-415/3/50	32	1429	310	12	77	46	49	7.9	0.25/ 2	1.5
DH-S-020C		380-415/3/50	50	2046	434	16	106	64	69	11.6	0.25/ 2	2.2
DH-S-025C		380-415/3/50	72	2598	579	22	142	84	93	15.7	0.8/ 2	2.2
DH-S-035C		380-415/3/50	98	3216	744	29	185	107	120	19.9	1.5/ 2	3
DH-S-040C		380-415/3/50	128	3898	930	32	209	125	137	23.0	1.5/ 2	4
DH-S-053C		380-415/3/50	162	4940	1137	42	273	161	179	30.7	1.5/ 3	4
DH-S-065C		380-415/3/50	200	6366	1364	51	341	201	230	42.0	1.5/ 3	7.5
DH-S-078C		380-415/3/50	242	7503	1612	63	406	240	267	45.6	1.5/ 4	7.5
DH-S-090C		380-415/3/50	276	8731	1881	69	456	273	304	47.0	1.5/ 4	7.5
DH-S-112C		380-415/3/50	338	10050	2170	90	576	338	370	59.2	1.5/ 4	11
DH-S-125C		380-415/3/50	392	11459	2480	102	651	382	422	69.8	1.92/ 4	15
DH-S-140C		380-415/3/50	450	12960	2811	113	730	428	476	79.9	1.92/ 4	15
DH-S-170C		380-415/3/50	544	16234	3348	135	887	526	577	96.3	1.92/ 6	18.5
DH-S-203C		380-415/3/50	630	18008	3927	159	1028	605	665	109.1	1.92/ 6	18.5
DH-S-230C		380-415/3/50	720	21827	4340	177	1180	708	755	119.9	1.92/ 6	2.2

Swimpool Unit - DH-S 60Hz

Model Name	Product Picture	Power Supply (Ph/V/Hz)	Pool Area (Sq.m)	Supply Airflow rate (CFM)	Minimum Outdoor Air (CFM)	Dehumidification Capacity (Kg/hr)	Total Cooling Capacity at 115°F (MBH)	Sensible Capacity at 115°F (MBH)	Reheat Condenser Capacity (MBH)	Compressor Power Input (KW)	Condenser Fan Motor Size (KW) /Qty	Evap Motor (KW)
DH-S-014C		380/3/60	32	1429	351	13	82	47	55	9.6	0.55/ 2	1.5
DH-S-020C		380/3/60	50	2046	476	17	110	65	72	12.2	0.55/ 2	2.2
DH-S-025C		380/3/60	72	2598	622	22	142	84	92	15.5	0.95/ 2	2.2
DH-S-035C		380/3/60	98	3216	788	29	188	109	120	19.9	1.8/ 2	3
DH-S-040C		380/3/60	128	3898	975	34	218	128	143	24.2	1.8/ 3	4
DH-S-053C		380/3/60	162	4940	1183	44	279	163	182	30.8	1.5/ 3	4
DH-S-065C		380/3/60	200	6366	1414	52	336	202	220	37.2	1.5/ 3	7.5
DH-S-078C		380/3/60	242	7503	1701	62	408	244	261	41.4	1.8/ 4	7.5
DH-S-090C		380/3/60	276	8731	1904	69	456	273	301	48.2	1.8/ 4	7.5
DH-S-112C		380/3/60	338	10050	2338	89	573	337	369	59.4	1.8/ 4	11
DH-S-125C		380/3/60	392	11459	2983	99	642	378	411	65.2	2.37/ 4	11
DH-S-140C		380/3/60	450	12960	2734	113	729	428	471	76.8	2.37/ 4	15
DH-S-170C		380/3/60	544	16234	3527	135	885	525	568	91.3	2.37/ 6	18.5
DH-S-203C		380/3/60	630	18008	4083	166	1052	614	684	113.7	2.37/ 6	18.5
DH-S-230C		380/3/60	720	21827	4605	185	1210	718	780	126.9	2.37/ 6	22

Above Performance based on below assumed temperatures:

- Pool Water Temperature: 80°F (26.67 °C).
- Pool Room: 82°F (27.7°C) Dry Bulb Temperature, RH 60%.
- Ambient Air : 115°F (46 °C) Dry Bulb Temperature & 84.2°F (29°C) Wet Bulb Temperature.
- Supply Fan Motor Size at @ 1.5 inwg (373 Pa) External Static Pressure.
- FA and few occupants load are considered in the load calculation, for details please refer to product catalogue.
- Refrigerant-R 407C, R 410a available on request.
- Other Power Supply available on request.
- For std options and dimension details, please refer to product catalogue.
- Note: For electrical data please consult SKM.

CRAC UNIT

SKM Computer Room Air Conditioner Series (CRAC) adopt in-room precision air conditioner for data center and IT cooling system. The product offers reliability, rigid structure, high performance, advanced controller and precise temperature control that fully satisfies the cooling and humidity requirements of the data center. They are also suitable for applications such as laboratories or clean room environments which need exact temperatures and humidity.

SKM CRAC units are provided in 5 different sizes covering upto 30TR cooling load and are offered in, both, DX and Chilled water version, with Up-flow and Down flow arrangements.



- SCRR+RCA available in 12 different air-cooled models from 5 TR - 23 TR (17 kW - 80 kW) in 50/60 Hz.
- SCRW available in 10 different models from 5 TR up to 30 TR (16 kW to 105 kW) in 50/60 Hz.



- Low ambient operation with speed regulator on condenser fan.
- Microprocessor controller comes with a flush mounted sleek & elegant design HMI, fixed on unit door.



- SCRW supplied with 2-Way modulating valve for precision water flow control.
- SCRR+RCA supplied with high efficiency scroll compressor with electronic expansion valve..



High efficiency EC Plug fan offers quiet & low vibration operation.



Configuration Flexibility
(downflow for raised floor application, upflow)



Precision temperature & humidity control,
(electric heater & humidifier as standard).



High Efficiency scroll Compressor.



CRAC Unit - SCRR+RCA 50Hz

Model Name	Product Picture	Nominal Airflow, CFM	Cooling Capacity at (C1)		Cooling Capacity at (C2)		Power Input		NSensCOP		Dimension SCRR (Indoor)			Dimension RCA (Outdoor)			Operating Weight SCRR (Lbs)	Operating Weight RCA (Lbs)	Electrical Data		
			(Mbh)	(kW)	(Mbh)	(kW)	(Kw) C1	(Kw) C2	(Kw) C1	(Kw) C2	Height (mm)	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)			MCA	Qty.	RLA
SCRR51017 + RCA51022		2200	53.3	15.6	54.8	16.1	5.4	5.4	2.5	3.0	1980	842	890	1031	1091	1075	703	217	36	1	12
SCRR51020 + RCA51026		2500	68.1	20.0	70.2	20.6	6.8	6.8	2.5	3.0	1980	842	890	1031	1091	1075	716	240	38	1	14
SCRR51024 + RCA51028		3200	77.4	22.7	80.9	23.7	7.7	7.8	2.8	3.0	1980	1096	890	1031	1091	1075	917	243	41	1	16
SCRR51030 + RCA51037		3750	101.7	29.8	104.8	30.7	9.8	9.9	2.6	3.1	1980	1096	890	1031	1091	1686	939	374	49	1	20
SCRR51036 + RCA51046		4500	118.5	34.7	123.2	36.1	11.3	11.5	2.7	3.2	1980	1400	890	1031	1091	1686	1113	388	55	1	21
SCRR52036 + RCA52046		4500	111.6	32.7	116.5	34.1	11.4	11.5	2.6	3.0	1980	1400	890	1031	1091	1686	1381	388	56	2	12
SCRR51042 + RCA51052		5000	131.5	38.5	136.2	39.9	12.5	12.7	2.7	3.2	1980	1400	890	1031	1091	1686	1128	431	61	1	25
SCRR52042 + RCA52052		5000	136.3	39.9	140.7	41.2	13.8	13.9	2.5	3.0	1980	1400	890	1031	1091	1686	1387	437	60	2	14
SCRR52048 + RCA52055		6500	156.5	45.9	164.1	48.1	15.6	15.9	2.8	3.0	1980	2108	890	1031	1091	1686	1982	440	76	2	16
SCRR52063 + RCA52074		8000	207.1	60.7	215.1	63.0	19.6	19.8	2.8	3.2	1980	2108	890	1031	1193	2600	2048	610	88	2	20
SCRR52070 + RCA52078		9000	228.6	67.0	236.5	69.3	23.0	23.2	2.6	3.0	1980	2108	890	1031	1193	2600	2068	615	102	2	21
SCRR52075 + RCA52080		9500	247.8	72.6	254.9	74.7	26.3	26.5	2.4	2.8	1980	2108	890	1031	1193	2600	2087	615	112	2	25

CRAC Unit - SCRR+RCA 60Hz

Model Name	Product Picture	Nominal Airflow, CFM	Cooling Capacity at (C1)		Cooling Capacity at (C2)		Power Input		NSensCOP		Dimension SCRR (Indoor)			Dimension RCA (Outdoor)			Operating Weight SCRR (Lbs)	Operating Weight RCA (Lbs)	Electrical Data		
			(Mbh)	(kW)	(Mbh)	(kW)	(Kw) C1	(Kw) C2	(Kw) C1	(Kw) C2	Height (mm)	Length (mm)	Width (mm)	Height (mm)	Length (mm)	Width (mm)			MCA	Qty.	RLA
SCRR61016 + RCA61023		2200	57.0	16.7	58.3	17.1	5.7	5.7	2.5	3.0	1980	842	890	1031	1091	1075	703	217	34	1	10
SCRR61020 + RCA61028		2500	66.1	19.4	68.3	20.0	6.7	6.7	2.5	3.0	1980	842	890	1031	1091	1075	716	240	37	1	12
SCRR61025 + RCA61030		3200	83.1	24.3	86.6	25.4	8.5	8.6	2.6	3.0	1980	1096	890	1031	1091	1075	917	243	41	1	16
SCRR61030 + RCA61040		3750	104.0	30.5	106.9	31.3	10.4	10.5	2.5	3.0	1980	1096	890	1031	1686	1091	939	374	52	1	21
SCRR61037 + RCA61050		4500	125.0	36.6	129.3	37.9	12.2	12.3	2.6	3.1	1980	1400	890	1031	1686	1091	1113	388	64	1	26
SCRR62037 + RCA62050		4500	118.6	34.7	123.4	36.2	12.2	12.3	2.5	3.0	1980	1400	890	1031	1686	1091	1381	388	53	2	10
SCRR61042 + RCA61055		5000	139.4	40.8	143.5	42.0	13.6	13.7	2.6	3.1	1980	1400	890	1031	1838	1193	1128	431	64	1	26
SCRR62042 + RCA62055		5000	132.3	38.8	136.9	40.1	13.7	13.8	2.5	2.9	1980	1400	890	1031	1838	1193	1387	437	58	2	12
SCRR62052 + RCA62058		6500	168.1	49.3	175.9	51.5	17.3	17.6	2.6	2.9	1980	2111	890	1031	1838	1193	1982	440	75	2	16
SCRR62064 + RCA62082		8000	211.7	62.0	219.5	64.3	20.4	20.6	2.7	3.1	1980	2111	890	1031	2600	1193	2048	610	92	2	21
SCRR62073 + RCA62086		9000	241.9	70.9	249.0	73.0	24.2	24.3	2.5	3.0	1980	2111	890	1031	2600	1193	2068	615	117	2	26
SCRR62080 + RCA62088		9500	263.3	77.1	269.1	78.8	28.2	28.4	2.3	2.8	1980	2111	890	1031	2600	1193	2087	615	117	2	26

- Cooling Capacity is based on AHRI Standard 1360 & SASO 2874.
- Cooling Capacity (C1) is based on evaporator entering air conditions of 75°/61°F (23.9°/16°C) dry bulb/wet bulb and condenser entering air temperature of 95°F (35°C) dry bulb
- Cooling Capacity (C2) is based on evaporator entering air conditions of 85°/64.2°F (29.4°/17.9°C) dry bulb/wet bulb and condenser entering air temperature of 95°F (35°C) dry bulb
- Refrigerant R 410a.
- Dimension and weight are based on standard unit.
- Power input includes compressor, evaporator fan motor & condenser fan motor power input.
- Power Supply : 380-415V/3Ph/50Hz & 380~400V/3PH/60Hz
- NSensCOP : Net Sensible COP based on AHRI 1360.

Model Name	Product Picture	Nominal Airflow , CFM	Cooling Capacity (C1)		Cooling Capacity (C2)		Motor Data		Dimension			Operating Weight (Lbs)	Electrical Data	
			(Mbh)	(kW)	(Mbh)	(kW)	(kW)	Qty	Height (mm)	Length (mm)	Width (mm)		MCA	MFA
SCRW51016/SCRW61016		2200	56.4	16.5	72.7	21.3	2.1	1.0	1980	842	890	590	21	32
SCRW51021/SCRW61021		2500	73.8	21.6	91.9	26.9	2.1	1.0	1980	842	890	618	21	32
SCRW51024/SCRW61024		3200	81.6	23.9	102.4	30.0	2.1	1.0	1980	1096	890	750	21	32
SCRW51028/SCRW61028		3200	101.8	29.8	138.6	40.6	2.1	1.0	1980	1096	890	793	21	32
SCRW51036/SCRW61036		4500	116.0	34.0	162.4	47.6	2.4	1.0	1980	1400	890	944	28	50
SCRW51047/SCRW61047		4600	161.3	47.3	209.0	61.2	2.4	1.0	1980	1400	890	1002	28	50
SCRW51050/SCRW61050		6500	167.9	49.2	234.3	68.6	2.1	2.0	1980	2108	890	1391	39	63
SCRW51058/SCRW61058		8000	197.6	57.9	275.8	80.8	2.4	2.0	1980	2108	890	1404	55	80
SCRW51080/SCRW61080		9000	268.2	78.6	365.9	107.2	2.4	2.0	1980	2108	890	1499	55	80
SCRW51100/SCRW61100		11000	351.4	103.0	456.3	133.7	2.1	3.0	1980	2500	890	1561	58	100

- Cooling Capacity is based on AHRI Standard 1360.
- Cooling Capacity (C1) is based on evaporator entering air conditions of 75°/61°F (23.9°/16°C) dry bulb/wet bulb.
- Cooling Capacity (C2) is based on evaporator entering air conditions of 85°/64.2°F (29.4°/17.9°C) dry bulb/wet bulb.
- Cooling capacity mentioned is gross which does not include the effect of evaporator fan motor heat.
- Dimension and weight are based on standard unit.
- Power Supply : 380-415V/3Ph/50 or 380-415V/3Ph/60Hz
- Data is based on entering and leaving water temperature of 50°/62°F (10°/16.6°C)

CONDENSING UNITS

SKM Air cooled condensing units are designed for the use on systems with indoor units connected to remote condensing units located outside either on the ground or roof level. These are manufactured to meet the requirements of the gulf severe climatic conditions.

The split system is ideal for installations where the Packaged unit cannot be installed due to precise zone wise air and temperature control or installations with space constraints. The solution is ideal for Commercial spaces, Warehouses, Schools, Mosques, Power Plants, Substations delivering the required indoor air quality and meeting the heating and cooling demands of the space.

SKM Air cooled condensing units are available in wide capacity, ranging from 5 TR to 145 TR in various series like AUMR, ACUS, ACUV. Unit operation is controlled by Microprocessor controllers. These condensing units are designed and rated in accordance with international standards, like AHRI, ASHRAE, etc.,



Runs with Eco friendly Refrigerant



Wide Operating Range (10°C to 50°C).



IP-54 control panel housing all operational controls.
(Higher IP ratings available as option).



High Efficiency
Range exceeding
Regional Efficiency
Requirements



Efficient hermetically sealed scroll compressors.



Advanced Microprocessor based controller available as Option.



Condensing Units - AUMR-G1/G 50Hz

Model	Product Picture	SST		Condensing Temperature °F (°C)						EER		Dimension			Operating Weight (Lbs)
				95°F (35°C)		115°F (46.1°C)		Height (mm)	Length (mm)			Width (mm)			
		°F	°C	MBh	kW	PI*	kW			MBh	kW		PI*	kW	
AUMR055G1		35	1.7	43.60	12.80	3.81	36.20	10.60	4.91	11.44	7.37	1027	864	864	378
		40	4.4	48.00	14.10	3.91	40.30	11.80	4.91	12.28	8.21				
		45	7.2	52.50	15.40	3.91	44.60	13.10	5.01	13.43	8.90				
		50	10	57.40	16.80	3.91	49.00	14.40	5.01	14.68	9.78				
AUMR070G1		35	1.7	56.80	16.70	5.21	47.90	14.00	6.61	10.90	7.25	1027	864	864	386
		40	4.4	62.10	18.20	5.31	52.40	15.40	6.71	11.69	7.81				
		45	7.2	67.70	19.80	5.41	57.30	16.80	6.81	12.51	8.41				
		50	10	73.70	21.60	5.51	62.40	18.30	6.91	13.38	9.03				
AUMR080G1		35	1.7	63.10	18.50	6.05	53.50	15.70	7.55	10.43	7.09	1306	1143	1085	489
		40	4.4	69.00	20.20	6.15	58.80	17.20	7.65	11.22	7.69				
		45	7.2	75.30	22.10	6.25	64.30	18.90	7.75	12.05	8.30				
		50	10	81.90	24.00	6.35	70.30	20.60	7.95	12.90	8.84				
AUMR090G1		35	1.7	68.90	20.20	6.45	57.90	17.00	8.25	10.68	7.02	1306	1143	1085	531
		40	4.4	75.10	22.00	6.65	63.30	18.60	8.35	11.29	7.58				
		45	7.2	81.60	23.90	6.75	69.00	20.20	8.55	12.09	8.07				
		50	10	88.40	25.90	6.95	75.20	22.00	8.65	12.72	8.69				
AUMR100G1		35	1.7	79.30	23.20	7.45	66.70	19.50	9.25	10.64	7.21	1509	1143	1085	576
		40	4.4	86.50	25.40	7.55	73.10	21.40	9.35	11.46	7.82				
		45	7.2	94.10	27.60	7.65	79.90	23.40	9.45	12.30	8.46				
		50	10	102.10	29.90	7.85	87.10	25.50	9.65	13.01	9.03				
AUMR120G1		35	1.7	93.70	27.50	8.35	78.20	22.90	10.65	11.22	7.34	1509	1143	1085	633
		40	4.4	102.40	30.00	8.45	85.90	25.20	10.75	12.12	7.99				
		45	7.2	111.60	32.70	8.55	93.90	27.50	10.85	13.05	8.65				
		50	10	121.20	35.50	8.85	102.50	30.10	11.05	13.69	9.28				
AUMR130G1		35	1.7	100.40	29.40	8.92	84.20	24.70	11.32	11.26	7.44	1077	1016	1727	716
		40	4.4	110.00	32.30	9.02	92.70	27.20	11.42	12.20	8.12				
		45	7.2	120.10	35.20	9.22	101.70	29.80	11.52	13.03	8.83				
		50	10	130.30	38.20	9.32	110.90	32.50	11.62	13.98	9.54				
AUMR150G1		35	1.7	116.10	34.00	11.20	98.30	28.80	13.80	10.37	7.12	1536	1143	2184	904
		40	4.4	127.10	37.20	11.40	107.80	31.60	14.00	11.15	7.70				
		45	7.2	138.80	40.70	11.50	117.90	34.60	14.20	12.07	8.30				
		50	10	151.40	44.40	11.70	128.70	37.70	14.40	12.94	8.94				
AUMR180G1	35	1.7	137.80	40.40	13.00	115.80	33.90	16.50	10.60	7.02	1536	1143	2184	988	
	40	4.4	150.10	44.00	13.20	126.70	37.10	16.80	11.37	7.54					
	45	7.2	163.10	47.80	13.50	138.10	40.50	17.00	12.08	8.12					
	50	10	176.90	51.80	14.00	150.40	44.10	17.20	12.64	8.74					
AUMR200G1	35	1.7	158.50	46.50	14.80	133.40	39.10	18.60	10.71	7.17	1559	1143	2184	1064	
	40	4.4	173.10	50.70	15.10	146.20	42.90	18.80	11.46	7.78					
	45	7.2	188.30	55.20	15.40	159.70	46.80	19.00	12.23	8.41					
	50	10	204.20	59.80	15.70	174.20	51.00	19.30	13.01	9.03					
AUMR230G1	35	1.7	187.40	54.90	16.70	156.50	45.90	21.30	11.22	7.35	1559	1143	2184	1174	
	40	4.4	204.80	60.00	16.90	171.80	50.40	21.50	12.12	7.99					
	45	7.2	223.10	65.40	17.20	187.80	55.10	21.80	12.97	8.61					
	50	10	242.40	71.00	17.60	205.10	60.10	22.10	13.77	9.28					
AUMR260G1	35	1.7	214.10	62.80	18.90	178.40	52.30	24.10	11.33	7.40	1610	1143	2184	1226	
	40	4.4	234.00	68.60	19.20	195.70	57.40	24.40	12.19	8.02					
	45	7.2	254.80	74.70	19.60	213.80	62.70	24.70	13.00	8.66					
	50	10	276.50	81.10	19.90	233.00	68.30	25.10	13.89	9.28					
AUMR52025G	35	1.7	240.90	70.60	17.90	201.50	59.06	23.20	11.64	7.75	1950	1800	2235	2215	
	40	4.4	263.30	77.17	18.40	220.60	64.65	23.60	12.42	8.36					
	45	7.2	286.90	84.09	18.80	241.00	70.63	24.00	13.28	8.99					
	50	10	311.90	91.41	19.20	262.50	76.93	24.30	14.18	9.69					
AUMR52030G	35	1.7	280.40	82.18	22.00	237.50	69.61	27.70	11.31	7.79	1950	1800	2235	2335	
	40	4.4	305.80	89.62	22.60	259.70	76.11	28.30	12.04	8.35					
	45	7.2	332.40	97.42	23.20	283.00	82.94	28.90	12.78	8.93					
	50	10	360.30	105.60	23.70	307.40	90.09	29.40	13.60	9.55					
AUMR52035G	35	1.7	329.00	96.42	23.90	279.90	82.03	30.90	11.15	7.67	2175	2392	2242	3407	
	40	4.4	359.90	105.48	24.20	307.50	90.12	31.20	12.08	8.36					
	45	7.2	392.70	115.09	24.60	336.40	98.59	31.60	13.00	9.04					
	50	10	427.30	125.23	25.00	367.30	107.65	32.10	13.96	9.74					
AUMR52040G	35	1.7	385.70	113.04	27.80	324.40	95.08	36.60	11.55	7.69	2175	2392	2242	3578	
	40	4.4	422.10	123.71	28.10	356.60	104.51	37.00	12.53	8.37					
	45	7.2	460.70	135.02	28.50	390.60	114.48	37.40	13.51	9.08					
	50	10	501.40	146.95	29.10	426.90	125.12	37.90	14.45	9.81					
AUMR52045G	35	1.7	431.60	126.49	32.10	361.40	105.92	41.90	11.45	7.61	2175	2392	2242	3604	
	40	4.4	471.90	138.31	32.70	396.30	116.15	42.50	12.32	8.24					
	45	7.2	514.50	150.79	33.40	433.20	126.96	43.10	13.19	8.90					
	50	10	559.30	163.92	34.10	472.50	138.48	43.70	14.09	9.58					
AUMR52050G	35	1.7	484.50	142.00	35.50	405.80	118.93	46.00	11.79	7.86	2668	2402	2242	4155	
	40	4.4	529.70	155.25	36.40	444.60	130.30	46.80	12.61	8.48					
	45	7.2	577.60	169.28	37.30	485.80	142.38	47.50	13.46	9.15					
	50	10	628.10	184.09	37.90	529.30	155.13	48.20	14.44	9.84					

Condensing Units - AUMR 60Hz

Model	Product Picture	Air Flow Rate	Cooling Capacity at 95°F		Cooling Capacity at 115°F		Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
		(CFM)	(Mbh)	(kW)	(Mbh)	(kW)	at 95°F	at 114.8°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
AUMR 62007		2300	86.90	25.50	77.2	22.60	7.78	9.38	11.16	8.23	1077	1016	1727	672
AUMR 62009		3300	109.90	32.20	97.5	28.60	10.27	11.27	10.70	8.65	1077	1016	1727	732
AUMR 62010		3800	122.80	36.00	108.3	31.70	10.83	13.03	11.33	8.31	1077	1016	1727	732
AUMR 62011		4400	136.00	39.90	120.9	35.40	12.15	14.15	11.19	8.54	1382	1143	2184	950
AUMR 62013		5000	157.30	46.10	139	40.70	13.99	16.39	11.25	8.48	1382	1143	2184	994
AUMR 62015		6000	188.10	55.10	166.5	48.80	16.69	19.79	11.27	8.42	1382	1143	2184	994
AUMR 62017		6700	205.10	60.10	181.9	53.30	18.77	22.37	10.93	8.13	1382	1143	2184	994
AUMR 62021		7900	257.20	75.40	226.8	66.50	24.38	28.78	10.55	7.88	1636	1372	2235	1256
AUMR 62024		7900	291.00	85.30	255	74.70	27.00	32.40	10.78	7.87	1636	1372	2235	1266
AUMR 62026		8600	318.30	93.30	278.9	81.70	30.88	37.28	10.31	7.48	1636	1372	2235	1266

Model	Product Picture	SST		Condensing Temperature °F (°C)						Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
				95°F (35°C)		PI*	115°F (46.1°C)		PI*								
		°F	°C	Total Capacity			MBh	kW		MBh	kW	kW	at 95°F	at 115°F	at 95°F	at 115°F	
AUMR 62030		35	1.7	286.90	84.09	21.80	239.50	70.19	28.10	24.60	30.90	11.66	7.75	1950	1800	2235	2219
		40	4.4	313.20	91.79	22.20	262.20	76.85	28.60	25.00	31.40	12.53	8.35				
		45	7.2	341.20	100.00	22.70	286.20	83.88	29.10	25.50	31.90	13.38	8.97				
		50	10	371.20	108.79	23.40	311.60	91.32	29.60	26.20	32.40	14.17	9.62				
AUMR 62035		35	1.7	334.50	98.04	26.80	282.80	82.88	33.60	29.60	36.40	11.30	7.77	1950	1800	2235	2335
		40	4.4	364.50	106.83	27.50	308.90	90.53	34.20	30.30	37.00	12.03	8.35				
		45	7.2	396.10	116.09	28.20	336.50	98.62	34.90	31.00	37.70	12.78	8.93				
		50	10	429.40	125.85	28.80	365.80	107.21	35.50	31.60	38.30	13.59	9.55				
AUMR 62045		35	1.7	391.60	114.77	28.80	332.30	97.39	37.50	34.40	43.10	11.38	7.71	2175	2392	2242	3422
		40	4.4	429.00	125.73	29.30	365.30	107.06	37.90	34.90	43.50	12.29	8.40				
		45	7.2	468.30	137.25	29.80	399.90	117.20	38.50	35.40	44.10	13.23	9.07				
		50	10	509.20	149.24	30.30	436.70	127.99	39.10	35.90	44.70	14.18	9.77				
AUMR 62050		35	1.7	459.90	134.79	33.60	386.00	113.13	44.30	39.20	49.90	11.73	7.74	2175	2392	2242	3593
		40	4.4	503.20	147.48	34.00	424.10	124.30	44.80	39.60	50.40	12.71	8.41				
		45	7.2	548.80	160.84	34.50	464.10	136.02	45.40	40.10	51.00	13.69	9.10				
		50	10	596.80	174.91	35.40	506.80	148.53	46.10	41.00	51.70	14.56	9.80				
AUMR 62055		35	1.7	513.90	150.62	39.00	429.40	125.85	50.80	44.60	56.40	11.52	7.61	2175	2392	2242	3607
		40	4.4	561.40	164.54	39.60	470.70	137.95	51.50	45.20	57.10	12.42	8.24				
		45	7.2	611.70	179.28	40.50	514.20	150.70	52.30	46.10	57.90	13.27	8.88				
		50	10	665.10	194.93	41.60	560.40	164.24	53.20	47.20	58.80	14.09	9.53				
AUMR 62065		35	1.7	577.90	169.37	43.10	483.50	141.71	55.70	48.70	61.30	11.87	7.89	2668	2402	2242	4159
		40	4.4	631.20	184.99	43.90	529.50	155.19	56.50	49.50	62.10	12.75	8.53				
		45	7.2	688.20	201.70	44.90	578.40	169.52	57.40	50.50	63.00	13.63	9.18				
		50	10	749.10	219.55	46.10	629.90	184.61	58.50	51.70	64.10	14.49	9.83				

- Evaporator entering air conditions of 80°/67°F (27°/19.5°C) dry bulb/wet bulb.
- Capacity is gross capacity which does not include the effect of evaporator fan motor heat.
- Refrigerant R410a.
- Above performance is considering SKM Indoor unit CADX.
- Dimension and weight are based on standard unit.
- Power input shall include Compressor, evaporator fan motor & condenser fan motor power input.
- Power Supply : 380V/3PH/60Hz.

Condensing Units - ACUS-C 50Hz

Model	Product Picture	SST		Condenser Entering Air Temperature						Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
				95°F (35°C)		PI*	115°F (46.1°C)		PI*								
		Total Capacity		Total Capacity			at 95°F	at 115°F		at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)			
		°F	°C	MBh	kW	kW	MBh	kW	kW								
ACUS 51005C		35	1.7	44.70	13.10	4.00	36.90	10.81	5.30	4.51	5.81	9.91	6.35	1167	1727	1143	795
		40	4.4	50.90	14.92	4.10	42.70	12.51	5.50	4.61	6.01	11.04	7.10				
		45	7.2	57.40	16.82	4.30	48.80	14.30	5.70	4.81	6.21	11.93	7.86				
		50	10	64.30	18.85	4.40	55.10	16.15	5.80	4.91	6.31	13.10	8.73				
ACUS 51007C		35	1.7	56.80	16.65	4.50	48.30	14.16	6.00	5.55	7.05	10.23	6.85	1167	965	1422	577
		40	4.4	62.80	18.41	4.70	53.60	15.71	6.10	5.75	7.15	10.92	7.50				
		45	7.2	69.30	20.31	4.80	59.30	17.38	6.30	5.85	7.35	11.85	8.07				
		50	10	76.20	22.33	5.00	65.40	19.17	6.40	6.05	7.45	12.60	8.78				
ACUS 51008C		35	1.7	70.30	20.60	5.50	59.00	17.29	7.20	6.52	8.22	10.78	7.18	1167	1143	1727	653
		40	4.4	77.40	22.68	5.60	65.70	19.26	7.30	6.62	8.32	11.69	7.90				
		45	7.2	85.00	24.91	5.70	72.70	21.31	7.40	6.72	8.42	12.65	8.63				
		50	10	92.90	27.23	5.80	80.00	23.45	7.50	6.82	8.52	13.62	9.39				
ACUS 51009C		35	1.7	90.90	26.64	7.10	77.40	22.68	9.30	8.12	10.32	11.19	7.50	1167	1143	1727	753
		40	4.4	100.20	29.37	7.30	85.70	25.12	9.50	8.32	10.52	12.04	8.15				
		45	7.2	110.10	32.27	7.50	94.50	27.70	9.70	8.52	10.72	12.92	8.82				
		50	10	120.60	35.35	7.70	104.00	30.48	9.90	8.72	10.92	13.83	9.52				
ACUS 51012C		35	1.7	102.90	30.16	8.30	85.30	25.00	10.80	9.32	11.82	11.04	7.22	1167	1143	1727	757
		40	4.4	113.20	33.18	8.50	95.40	27.96	11.10	9.52	12.12	11.89	7.87				
		45	7.2	124.00	36.34	8.80	105.70	30.98	11.30	9.82	12.32	12.63	8.58				
		50	10	135.40	39.68	9.10	115.90	33.97	11.60	10.12	12.62	13.38	9.18				
ACUS 52010C		35	1.7	89.40	26.20	7.90	73.90	21.66	10.70	8.92	11.72	10.02	6.31	1167	1143	1727	795
		40	4.4	101.80	29.84	8.50	85.30	25.00	11.00	9.52	12.02	10.69	7.10				
		45	7.2	114.80	33.65	8.50	97.50	28.58	11.30	9.52	12.32	12.06	7.91				
		50	10	128.60	37.69	8.90	110.20	32.30	11.70	9.92	12.72	12.96	8.66				
ACUS 52013C		35	1.7	113.60	33.29	9.10	96.70	28.34	12.00	11.20	14.10	10.14	6.86	1167	1473	1930	919
		40	4.4	125.70	36.84	9.30	107.30	31.45	12.30	11.40	14.40	11.03	7.45				
		45	7.2	138.60	40.62	9.60	118.60	34.76	12.50	11.70	14.60	11.85	8.12				
		50	10	152.30	44.64	9.90	130.90	38.36	12.80	12.00	14.90	12.69	8.79				
ACUS 52015C		35	1.7	138.50	40.59	11.30	115.50	33.85	14.80	13.40	16.90	10.34	6.83	1167	1473	1930	1100
		40	4.4	152.50	44.70	11.50	128.60	37.69	15.00	13.60	17.10	11.21	7.52				
		45	7.2	167.20	49.00	11.70	142.50	41.76	15.30	13.80	17.40	12.12	8.19				
		50	10	182.60	53.52	12.00	156.60	45.90	15.50	14.10	17.60	12.95	8.90				
ACUS 52019C		35	1.7	178.00	52.17	14.90	150.70	44.17	19.30	18.50	22.90	9.62	6.58	1167	1473	2134	1233
		40	4.4	195.80	57.39	15.30	166.60	48.83	19.70	18.90	23.30	10.36	7.15				
		45	7.2	214.70	62.92	15.70	183.50	53.78	20.10	19.30	23.70	11.12	7.74				
		50	10	234.80	68.82	16.20	202.10	59.23	20.70	19.80	24.30	11.86	8.32				
ACUS 52024C		35	1.7	203.10	59.53	17.00	167.60	49.12	22.10	20.60	25.70	9.86	6.52	1167	1473	2134	1291
		40	4.4	223.20	65.42	17.50	187.70	55.01	22.60	21.10	26.20	10.58	7.16				
		45	7.2	244.40	71.63	18.10	208.00	60.96	23.10	21.70	26.70	11.26	7.79				
		50	10	266.50	78.11	18.70	228.00	66.82	23.60	22.30	27.20	11.95	8.38				
ACUS 52025C		35	1.7	222.20	65.12	18.50	185.20	54.28	24.10	23.90	29.50	9.30	6.28	1192	2032	2235	1454
		40	4.4	246.80	72.33	19.00	207.30	60.76	24.60	24.40	30.00	10.11	6.91				
		45	7.2	273.20	80.07	19.60	230.80	67.64	25.10	25.00	30.50	10.93	7.57				
		50	10	301.20	88.28	20.30	256.30	75.12	25.60	25.70	31.00	11.72	8.27				
ACUS 52028C		35	1.7	260.20	76.26	22.60	218.50	64.04	29.10	28.00	34.50	9.29	6.33	1395	2032	2235	1809
		40	4.4	286.70	84.03	23.20	242.40	71.04	29.80	28.60	35.20	10.02	6.89				
		45	7.2	314.80	92.26	23.90	267.50	78.40	30.40	29.30	35.80	10.74	7.47				
		50	10	344.60	101.00	24.70	294.70	86.37	31.00	30.10	36.40	11.45	8.10				
ACUS 52034C		35	1.7	300.00	87.93	26.60	253.90	74.41	34.30	32.00	39.70	9.38	6.40	1395	2032	2235	2066
		40	4.4	330.20	96.78	27.30	280.80	82.30	35.00	32.70	40.40	10.10	6.95				
		45	7.2	362.20	106.15	28.30	309.30	90.65	35.90	33.70	41.30	10.75	7.49				
		50	10	396.10	116.09	29.30	340.60	99.82	36.80	34.70	42.20	11.41	8.07				
ACUS 52039C		35	1.7	341.50	100.09	30.20	291.00	85.29	39.10	35.60	44.50	9.59	6.54	1700	2032	2235	2374
		40	4.4	375.70	110.11	31.20	321.20	94.14	40.10	36.60	45.50	10.27	7.06				
		45	7.2	411.90	120.72	32.30	353.30	103.55	41.10	37.70	46.50	10.93	7.60				
		50	10	450.30	131.98	33.60	388.90	113.98	42.20	39.00	47.60	11.55	8.17				
ACUS 52045C		35	1.7	388.80	113.95	33.10	329.90	96.69	43.00	40.30	50.20	9.65	6.57	1827	2134	2235	2615
		40	4.4	428.70	125.64	34.10	365.00	106.98	43.90	41.30	51.10	10.38	7.14				
		45	7.2	471.00	138.04	35.30	402.00	117.82	44.90	42.50	52.10	11.08	7.72				
		50	10	515.60	151.11	36.50	442.70	129.75	46.00	43.70	53.20	11.80	8.32				
ACUS 52049C		35	1.7	429.90	126.00	36.90	362.80	106.33	47.90	44.10	55.10	9.75	6.58	2030	2134	2235	2721
		40	4.4	474.40	139.04	38.10	401.60	117.70	48.80	45.30	56.00	10.47	7.17				
		45	7.2	521.50	152.84	39.40	442.60	129.72	49.80	46.60	57.00	11.19	7.76				
		50	10	570.90	167.32	40.70	487.30	142.82	51.10	47.90	58.30	11.92	8.36				

Condensing Units - ACUS-C 50Hz

Model	Product Picture	SST		Condenser Entering Air Temperature						Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
				95°F (35°C)		PI*	115°F (46.1°C)		PI*					Height (mm)	Length (mm)	Width (mm)	
		°F	°C	MBh	kW		kW	MBh		kW	kW	at 95°F	at 115°F				
ACUS 52051C		35	1.7	477.20	139.86	41.90	398.60	116.82	54.10	49.10	61.30	9.72	6.50	2030	2134	2235	2789
		40	4.4	527.50	154.60	43.00	443.80	130.07	55.20	50.20	62.40	10.51	7.11				
		45	7.2	580.90	170.25	44.40	491.50	144.05	56.40	51.60	63.60	11.26	7.73				
ACUS 52055C		50	10	637.60	186.87	46.00	543.30	159.23	57.50	53.20	64.70	11.98	8.40	2030	2134	2235	2799
		35	1.7	511.30	149.85	46.70	427.90	125.41	59.70	53.90	66.90	9.49	6.40				
		40	4.4	562.70	164.92	47.90	474.30	139.01	61.00	55.10	68.20	10.21	6.95				
ACUS 52065C		45	7.2	617.10	180.86	49.40	523.20	153.34	62.40	56.60	69.60	10.90	7.52	2665	2401	2242	5107
		50	10	674.70	197.74	51.20	576.30	168.90	63.60	58.40	70.80	11.55	8.14				
		35	1.7	602.90	176.70	52.70	510.60	149.65	68.00	59.90	75.20	10.07	6.79				
ACUS 52075C		40	4.4	663.70	194.52	54.20	564.90	165.56	69.60	61.40	76.80	10.81	7.36	2665	2401	2242	5729
		45	7.2	728.30	213.45	56.00	622.30	182.39	71.20	63.20	78.40	11.52	7.94				
		50	10	796.70	233.50	58.00	685.30	200.85	73.00	65.20	80.20	12.22	8.54				
ACUS 52080C		35	1.7	680.20	199.36	60.90	579.30	169.78	78.80	68.10	86.00	9.99	6.74	2570	4500	2235	6870
		40	4.4	748.10	219.26	63.00	639.30	187.37	80.60	70.20	87.80	10.66	7.28				
		45	7.2	819.90	240.30	65.30	703.00	206.04	82.70	72.50	89.90	11.31	7.82				
ACUS 52085C		50	10	896.10	262.63	67.80	773.70	226.76	85.10	75.00	92.30	11.95	8.38	2570	4500	2235	6924
		35	1.7	741.30	217.26	61.60	631.80	185.17	80.20	76.00	94.60	9.75	6.68				
		40	4.4	817.20	239.51	63.50	698.70	204.78	82.00	77.90	96.40	10.49	7.25				
ACUS 52095C		45	7.2	898.00	263.19	65.50	769.90	225.64	83.90	79.90	98.30	11.24	7.83	2570	4500	2235	7283
		50	10	983.30	288.19	67.70	848.00	248.53	86.10	82.10	100.50	11.98	8.44				
		35	1.7	778.70	228.22	66.00	661.00	193.73	85.80	80.40	100.20	9.69	6.60				
ACUS 52095C		40	4.4	858.70	251.67	68.10	731.20	214.30	87.60	82.50	102.00	10.41	7.17	2570	4500	2235	7283
		45	7.2	943.50	276.52	70.40	805.50	236.08	89.60	84.80	104.00	11.13	7.75				
		50	10	1032.90	302.73	72.80	887.00	259.96	91.90	87.20	106.30	11.85	8.34				
ACUS 52095C		35	1.7	861.30	252.43	73.50	727.00	213.07	95.60	87.90	110.00	9.80	6.61	2570	4500	2235	7283
		40	4.4	950.50	278.58	76.00	804.90	235.90	97.40	90.40	111.80	10.51	7.20				
		45	7.2	1045.00	306.27	78.60	887.20	260.02	99.40	93.00	113.80	11.24	7.80				
ACUS 52095C		50	10	1144.30	335.38	81.20	976.90	286.31	101.90	95.60	116.30	11.97	8.40				

Condensing Units - ACUS-CG 50Hz

Model	Product Picture	SST		Condenser Entering Air Temperature						Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
				95°F (35°C)		PI*	115°F (46.1°C)		PI*								
		Total Capacity	PI*	Total Capacity	PI*												
		°F		°C		MBh	kW	kW	MBh	kW	kW	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	
ACUS 51005CG		35	1.7	42.20	12.37	3.20	37.40	10.96	4.30	3.71	4.81	11.37	7.78	1277	838	813	419
		40	4.4	46.30	13.57	3.30	41.30	12.10	4.30	3.81	4.81	12.15	8.59				
		45	7.2	50.70	14.86	3.30	45.40	13.31	4.40	3.81	4.91	13.31	9.25				
		50	10	55.40	16.24	3.40	49.80	14.60	4.50	3.91	5.01	14.17	9.94				
ACUS 51006CG		35	1.7	47.10	13.80	3.60	39.90	11.69	4.80	4.65	5.85	10.13	6.82	1277	1065	1065	509
		40	4.4	53.90	15.80	3.60	46.10	13.51	4.90	4.65	5.95	11.59	7.75				
		45	7.2	61.10	17.91	3.70	52.70	15.45	5.00	4.75	6.05	12.86	8.71				
		50	10	68.80	20.16	3.80	59.70	17.50	5.10	4.85	6.15	14.19	9.71				
ACUS 51007CG		35	1.7	58.20	17.06	4.30	49.90	14.62	5.70	5.35	6.75	10.88	7.39	1277	1065	1065	509
		40	4.4	64.50	18.90	4.40	55.50	16.27	5.80	5.45	6.85	11.83	8.10				
		45	7.2	71.30	20.90	4.50	61.50	18.02	5.90	5.55	6.95	12.85	8.85				
		50	10	78.60	23.04	4.70	67.90	19.90	6.10	5.75	7.15	13.67	9.50				
ACUS 51008CG		35	1.7	71.00	20.81	5.40	59.90	17.56	7.10	6.45	8.15	11.01	7.35	1277	1065	1065	554
		40	4.4	78.30	22.95	5.40	66.70	19.55	7.20	6.45	8.25	12.14	8.08				
		45	7.2	86.00	25.21	5.50	73.90	21.66	7.30	6.55	8.35	13.13	8.85				
		50	10	94.10	27.58	5.60	81.20	23.80	7.40	6.65	8.45	14.15	9.61				
ACUS 52010CG		35	1.7	92.30	27.05	7.40	77.30	22.66	10.10	8.42	11.12	10.96	6.95	1327	1062	1880	882
		40	4.4	105.50	30.92	7.60	89.30	26.17	10.30	8.62	11.32	12.24	7.89				
		45	7.2	119.30	34.96	7.90	102.10	29.92	10.60	8.92	11.62	13.37	8.79				
		50	10	133.90	39.24	8.10	115.50	33.85	10.80	9.12	11.82	14.68	9.77				
ACUS 52012CG		35	1.7	103.40	30.30	7.70	89.20	26.14	10.00	9.80	12.10	10.55	7.37	1327	1092	1880	962
		40	4.4	114.40	33.53	7.80	99.20	29.07	10.10	9.90	12.20	11.56	8.13				
		45	7.2	126.20	36.99	7.90	109.90	32.21	10.30	10.00	12.40	12.62	8.86				
		50	10	138.60	40.62	8.10	121.20	35.52	10.50	10.20	12.60	13.59	9.62				
ACUS 52013CG		35	1.7	116.00	34.00	8.70	99.30	29.10	11.60	10.80	13.70	10.74	7.25	1327	1092	1880	963
		40	4.4	128.50	37.66	8.90	110.30	32.33	11.80	11.00	13.90	11.68	7.94				
		45	7.2	142.00	41.62	9.20	122.20	35.81	12.00	11.30	14.10	12.57	8.67				
		50	10	156.40	45.84	9.40	135.00	39.57	12.20	11.50	14.30	13.60	9.44				
ACUS 52015CG		35	1.7	141.30	41.41	10.80	118.90	34.85	14.30	12.90	16.40	10.95	7.25	1327	1092	1880	1054
	40	4.4	155.70	45.63	11.00	132.40	38.80	14.50	13.10	16.60	11.89	7.98					
	45	7.2	171.00	50.12	11.20	146.60	42.97	14.70	13.30	16.80	12.86	8.73					
	50	10	187.10	54.84	11.40	161.20	47.25	14.90	13.50	17.00	13.86	9.48					

Condensing Units - ACUS-CG 50Hz

Model	Product Picture	SST		Condenser Entering Air Temperature						Max. Power Input (kW)		EER		Dimension			Operating Weight (Lbs)
				95°F (35°C)		PI*	115°F (46.1°C)		PI*								
		°F	°C	MBh	kW	kW	MBh	kW	kW	at 95°F	at 115°F	at 95°F	at 115°F	Height (mm)	Length (mm)	Width (mm)	
ACUS 52017CG		35	1.7	155.50	45.57	12.20	133.50	39.13	15.70	14.30	17.80	10.87	7.50	1327	1092	1880	1056
		40	4.4	171.30	50.21	12.40	147.40	43.20	16.00	14.50	18.10	11.81	8.14				
		45	7.2	188.10	55.13	12.70	162.50	47.63	16.30	14.80	18.40	12.71	8.83				
		50	10	206.20	60.43	13.10	178.70	52.37	16.60	15.20	18.70	13.57	9.56				
ACUS 52020CG		35	1.7	186.70	54.72	13.60	160.10	46.92	17.70	16.40	20.50	11.38	7.81	1327	1168	2184	1331
		40	4.4	206.10	60.40	13.80	177.50	52.02	18.00	16.60	20.80	12.42	8.53				
		45	7.2	226.90	66.50	14.10	196.00	57.44	18.40	16.90	21.20	13.43	9.25				
		50	10	249.00	72.98	14.40	216.10	63.34	18.80	17.20	21.60	14.48	10.00				
ACUS 52024CG		35	1.7	212.40	62.25	15.70	178.40	52.29	20.60	18.50	23.40	11.48	7.62	1327	1168	2184	1331
		40	4.4	234.10	68.61	16.00	199.20	58.38	21.00	18.80	23.80	12.45	8.37				
		45	7.2	257.20	75.38	16.40	220.70	64.68	21.40	19.20	24.20	13.40	9.12				
		50	10	281.50	82.50	16.80	242.30	71.01	21.80	19.60	24.60	14.36	9.85				
ACUS 52025CG		35	1.7	228.00	66.82	17.80	191.00	55.98	23.20	20.60	26.00	11.07	7.35	1927	1800	2235	2211
		40	4.4	253.70	74.36	18.20	214.00	62.72	23.60	21.00	26.40	12.08	8.11				
		45	7.2	281.20	82.42	18.70	238.50	69.90	24.10	21.50	26.90	13.08	8.87				
		50	10	310.70	91.06	19.20	265.20	77.73	24.60	22.00	27.40	14.12	9.68				
ACUS 52030CG		35	1.7	265.90	77.93	21.80	224.50	65.80	28.20	24.60	31.00	10.81	7.24	1927	1800	2235	2331
		40	4.4	293.40	85.99	22.30	249.20	73.04	28.70	25.10	31.50	11.69	7.91				
		45	7.2	322.70	94.58	22.80	275.20	80.66	29.30	25.60	32.10	12.61	8.57				
		50	10	353.80	103.69	23.60	303.50	88.95	29.90	26.40	32.70	13.40	9.28				
ACUS 52035CG		35	1.7	319.80	93.73	23.10	276.30	80.98	29.80	28.70	35.40	11.14	7.81	2175	2392	2242	3393
		40	4.4	353.30	103.55	23.50	305.70	89.60	30.30	29.10	35.90	12.14	8.52				
		45	7.2	389.00	114.01	24.00	337.50	98.92	30.80	29.60	36.40	13.14	9.27				
		50	10	427.30	125.23	24.50	371.80	108.97	31.30	30.10	36.90	14.20	10.08				
ACUS 52040CG		35	1.7	372.60	109.20	27.30	319.30	93.58	35.60	32.90	41.20	11.33	7.75	2175	2392	2242	3559
		40	4.4	411.30	120.55	27.80	353.90	103.72	36.20	33.40	41.80	12.31	8.47				
		45	7.2	452.70	132.68	28.40	390.80	114.54	36.90	34.00	42.50	13.31	9.20				
		50	10	496.60	145.55	29.00	430.80	126.26	37.80	34.60	43.40	14.35	9.93				
ACUS 52045CG		35	1.7	412.40	120.87	31.70	348.50	102.14	41.40	37.30	47.00	11.06	7.41	2175	2392	2242	3569
		40	4.4	457.20	134.00	32.40	388.60	113.89	42.10	38.00	47.70	12.03	8.15				
		45	7.2	505.10	148.04	33.20	431.10	126.35	43.00	38.80	48.60	13.02	8.87				
		50	10	556.00	162.95	34.10	477.40	139.92	43.90	39.70	49.50	14.01	9.64				
ACUS 52050CG		35	1.7	458.60	134.41	35.30	384.60	112.72	46.00	40.90	51.60	11.21	7.45	2665	2401	2242	4153
		40	4.4	510.50	149.62	36.10	431.20	126.38	46.80	41.70	52.40	12.24	8.23				
		45	7.2	566.20	165.94	36.90	480.70	140.89	47.70	42.50	53.30	13.32	9.02				
		50	10	625.70	183.38	38.00	534.60	156.68	48.70	43.60	54.30	14.35	9.85				
ACUS 52055CG		35	1.7	528.40	154.87	44.10	445.50	130.57	56.90	49.70	62.50	10.63	7.13	2665	2401	2242	3962
		40	4.4	582.90	170.84	45.10	494.30	144.87	58.10	50.70	63.70	11.50	7.76				
		45	7.2	640.80	187.81	46.30	545.80	159.96	59.30	51.90	64.90	12.35	8.41				
		50	10	702.20	205.80	47.80	601.60	176.32	60.50	53.40	66.10	13.15	9.10				
ACUS 52060CG		35	1.7	602.90	176.70	52.70	510.60	149.65	68.00	58.30	73.60	10.34	6.94	2665	2401	2242	4332
		40	4.4	663.70	194.52	54.20	564.90	165.56	69.60	59.80	75.20	11.10	7.51				
		45	7.2	728.30	213.45	56.00	622.30	182.39	71.20	61.60	76.80	11.82	8.10				
		50	10	796.70	233.50	58.00	685.30	200.85	73.00	63.60	78.60	12.53	8.72				
ACUS 52070CG		35	1.7	680.20	199.36	60.90	579.30	169.78	78.80	66.50	84.40	10.23	6.86	2665	2401	2242	4961
		40	4.4	748.10	219.26	63.00	639.30	187.37	80.60	68.60	86.20	10.91	7.42				
		45	7.2	819.90	240.30	65.30	703.00	206.04	82.70	70.90	88.30	11.56	7.96				
		50	10	896.10	262.63	67.80	773.70	226.76	85.10	73.40	90.70	12.21	8.53				
ACUS 52075CG		35	1.7	741.30	217.26	61.60	631.80	185.17	80.20	72.80	91.40	10.18	6.91	2545	4500	2235	6516
		40	4.4	817.20	239.51	63.50	698.70	204.78	82.00	74.70	93.20	10.94	7.50				
		45	7.2	898.00	263.19	65.50	769.90	225.64	83.90	76.70	95.10	11.71	8.10				
		50	10	983.30	288.19	67.70	848.00	248.53	86.10	78.90	97.30	12.46	8.72				
ACUS 52080CG		35	1.7	778.70	228.22	66.00	661.00	193.73	85.80	77.20	97.00	10.09	6.81	2545	4500	2235	6559
		40	4.4	858.70	251.67	68.10	731.20	214.30	87.60	79.30	98.80	10.83	7.40				
		45	7.2	943.50	276.52	70.40	805.50	236.08	89.60	81.60	100.80	11.56	7.99				
		50	10	1032.90	302.73	72.80	887.00	259.96	91.90	84.00	103.10	12.30	8.60				
ACUS 52090CG		35	1.7	861.30	252.43	73.50	727.00	213.07	95.60	84.70	106.80	10.17	6.81	2545	4500	2235	6872
		40	4.4	950.50	278.58	76.00	804.90	235.90	97.40	87.20	108.60	10.90	7.41				
		45	7.2	1045.00	306.27	78.60	887.20	260.02	99.40	89.80	110.60	11.64	8.02				
		50	10	1144.30	335.38	81.20	976.90	286.31	101.90	92.40	113.10	12.38	8.64				

- Refrigerant R407C.

- Power Input mentioned is compressor and condenser fan power input.

- Power Supply : 380-415V/3Ph/50Hz

Notes

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