

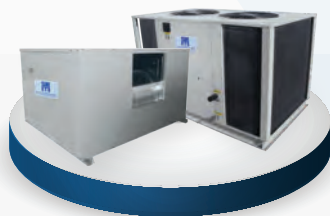
SKM QUICK SELECTION GUIDE



Unitary Products



*Mini Ducted Split
Units*



*Ducted Split
Units*



VRF Units




Wall Mounted Units



Rooftop Units

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SKM Overview

Vision

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

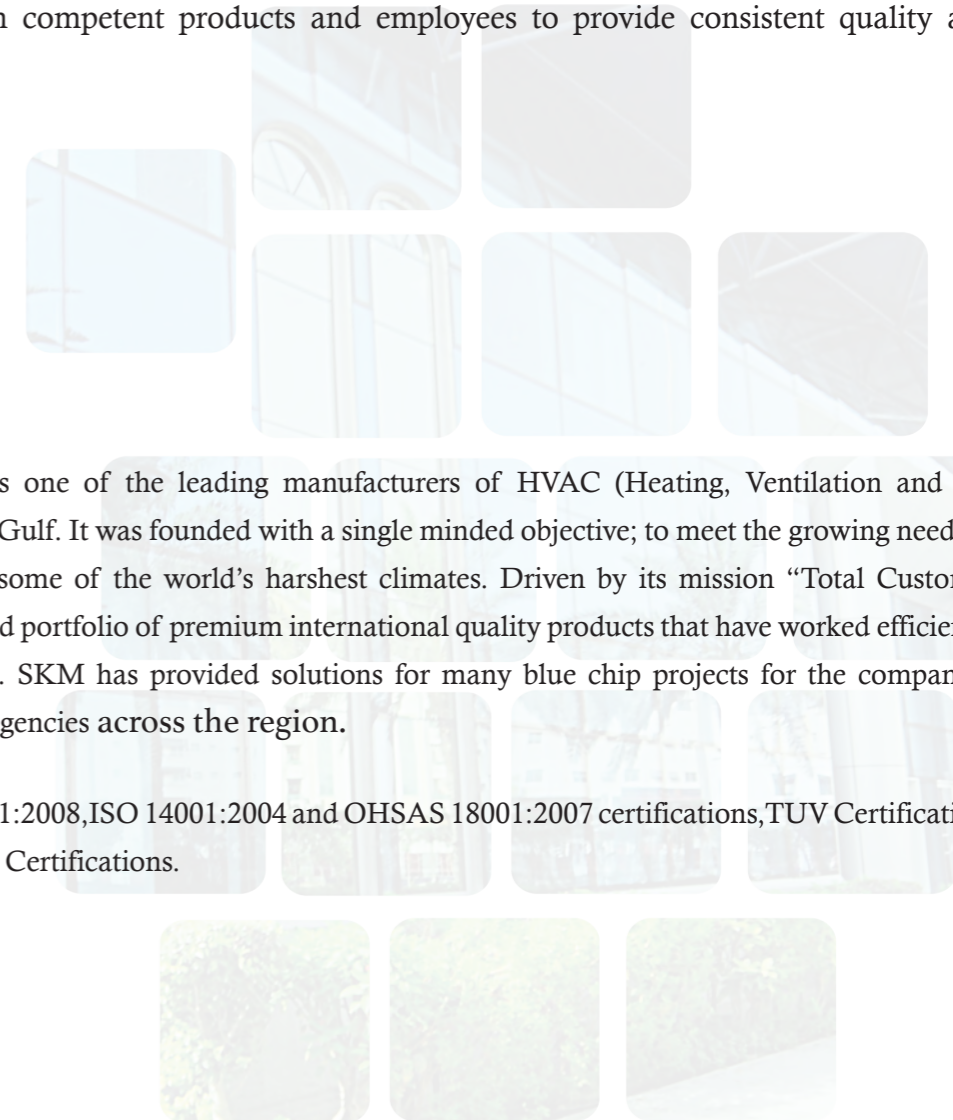
Mission

Total Customer Satisfaction.

Introduction

SKM Air Conditioning LLC is one of the leading manufacturers 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 environment 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 has provided solutions for many blue chip projects for the companies, organizations and government agencies across the region.

SKM is also recipient of ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 certifications, TUV Certification, AHRI, UL, Eurovent and ADQ Certifications.



ESMA & ESTIDAMA Regulations

CAPACITY (MBh)	ESMA EER	ESTIDAMA EER
< 65	8.1 EER @ T3 On Coil 84.2/66.2°F/°F	13 SEER @ T1 On Coil 80/67°F/°F
≥ 65 and < 135	8.1 EER @ T3 On Coil 84.2/66.2°F/°F	11.2 EER @ T1 On Coil 80/67°F/°F
≥ 135 and < 240	7.9 EER @ T3 On Coil 84.2/66.2°F/°F	11 EER @ T1 On Coil 80/67°F/°F
≥ 240 and < 760	7.5 EER @ T3 On Coil 84.2/66.2°F/°F	10 EER @ T1 On Coil 80/67°F/°F



- Wall Mounted.
- Ducted Mini Split.
- Commerical Ducted Split.
- Roof Top Packaged Units.



Wall Mounted



SERIES	MODEL	High Speed		Med Speed		Compressor Type	Refrigerant Piping	Compressor	(Indoor)						(Outdoor)						T1 Standard Condition				ESMA				Design Condition												
		CFM		LS					CFM		LS		H(INCH)			W(INCH)			L(INCH)			SUCTION		DISCHARGE		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI		EER		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI		EER	
		W		H					W		H		H(INCH)			W(INCH)			L(INCH)			BTU/H		W		BTU/H		W		BTU/H		W		BTU/H		W		BTU/H			
		W		H					W		H		H(INCH)			W(INCH)			L(INCH)			BTU/H		W		BTU/H		W		BTU/H		W		BTU/H		W					
4 star	MSKM410A-18CE	618	292	512	242	From Indoor Unit	1/4" / 1/2"	Rotary	12.4	9	37.8	25.6	12.2	33.8	1/2	1/4	17998	5275.0	13498	3956.0	1490	12.10	15695	4600.0	14672	4300.0	1825	8.60	14228	4170.0	13259	3886.0	1666	8.54							
	MSKM410A-24CE	706	333	597	282	From Indoor Unit	3/8" / 5/8"	Rotary	12.4	9	44.5	25.6	12.2	33.8	5/8	3/8	23543	6900.0	17893	5244.0	1860	12.65	20472	6000.0	19090	5595.0	2285	8.95	18589	5448.0	17299	5070.0	2088	8.90							
	MSKM410A-30CE	1000	472	906	428	From Outdoor Unit	3/8" / 5/8"	Rotary	14.4	10.5	53.2	31.3	14.4	34.8	5/8	3/8	29002	8500.0	22178	6500.0	2350	12.35	24225	7100.0	22383	6560.0	2770	8.75	21973	6440.0	20472	6000.0	2530	8.68							
5 star	MSKM410A-18CEP2	588	278	512	242	From Outdoor Unit	1/4" / 1/2"	inverter	12.4	9	37.8	25.6	12.2	33.8	1/2	1/4	17998	5275.0	13648	4000.0	1370	13.14	16036	4700.0	14815	4342.0	1670	9.60	14535	4260.0	13542	3969.0	1528	9.51							
	MSKM410A-24CEP3	706	333	600	283	From Outdoor Unit	3/8" / 5/8"	inverter	12.4	9	44.5	31.3	14.4	34.8	5/8	3/8	23202	6800.0	17633	5168.0	1785	12.99	19790	5800.0	18285	5359.0	2150	9.20	17971	5267.0	16719	4900.0	1965	9.14							

- ### General Features
- Digital display
 - High density filter
 - Louver Position Memory
 - Mute Operation

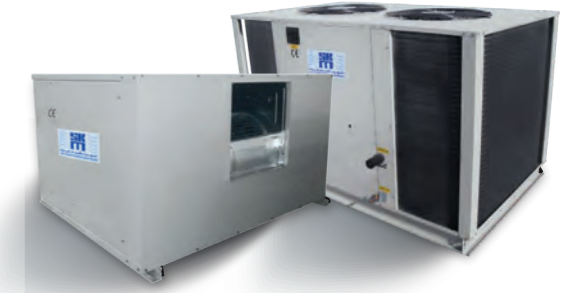
Ducted Mini Split



MODEL	LOW		MEDIUM		HIGH		(Outdoor)						(Indoor)						T1 Standard Condition				ESMA				Design Condition													
	CFM		LS		CFM		LS		W(mm)		L(mm)		H(mm)		W(mm)		L(mm)		H(mm)		LIQ Ø"		SUC Ø"		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI		EER		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI		EER	
	W		H		W		H		W		H		W		H		W		H		W		H		MBH		KW		MBH		KW		MBH		KW		MBH		KW	
	W		H		W		H		W		H		W		H		W		H		W		H		MBH		KW		MBH		KW		MBH		KW		MBH		KW	
1 phase	RX18+DDP18	471	222.31	589	278.01	647	305.38	320	845	700	635	920	270	1/4"	1/2"	Rotary	Centrifugal Fan	18.00	5.28	14.60	4.28	1.243	1.50	12.00	15.50	4.54	13.50	3.96	1.583	1.84	8.42	14.40	4.22	14.30	4.19	1.573	1.83	7.87		
	RX24+DDP24	636	300.19	727	343.14	824	388.93	395	945	810	635	920	270	3/8"	5/8"	Rotary	Centrifugal Fan	24.00	7.03	18.70	5.48	1.777	2.00	12.00	20.70	6.07	17.40	5.10	2.237	2.46	8.41	19.20	5.63	18.20	5.33	2.217	2.44	7.87		
	RX30+DDP30	942	444.62	1030	486.16	1118	527.70	395	945	810	865	1200	300	3/8"	5/8"	Rotary	Centrifugal Fan	32.00	9.38	25.90	7.59	2.149	2.50	12.80	27.60	8.09	24.00	7.03	2.719	3.07	8.99	25.50	7.47	25.20	7.39	2.699	3.05	8.36		
	RX36+DDP36	942	444.62	1030	486.16	1118	527.70	345	990	965	865	1200	300	3/8"	3/4"	Scroll	Centrifugal Fan	36.00	10.55	27.40	8.03	2.544	3.04	11.84	31.00	9.09	25.40	7.44	3.234	3.73	8.31	28.20	8.26	26.50	7.77	3.204	3.7	7.62		
	RX36+DDP36 (3ph)	942	444.62	1030	486.16	1118	527.70	345	990	965	865	1200	300	3/8"	3/4"	Scroll	Centrifugal Fan	36.00	10.55	27.40	8.03	2.544	3.04	11.84	31.00	9.09	25.40	7.44	3.214	3.71	8.36	28.20	8.26	26.50	7.77	3.204	3.7	7.62		
3 phase	RX42+DDP42	977	461.14	1138	537.14	1372	647.58	350	900	1170	625	1200	380	3/8"	3/4"	Scroll	Centrifugal Fan	42.00	12.31	31.50	9.23	2.866	3.43	12.24	36.55	10.71	33.00	9.67	3.636	4.2	8.70	32.90	9.64	29.90	8.76	3.606	4.17	7.89		
	RX48+DDP48	1267	598.02	1481	699.03	1732	817.50	392	938	1369	625	1200	380	3/8"	3/4"	Scroll	Centrifugal Fan	48.00	14.07	37.90	11.11	3.486	4.01	11.97	41.40	12.13	35.20	10.32	4.396	4.92	8.41	38.30	11.23	36.80	10.79	4.366	4.89	7.83		
	RX60+DDP60	1267	598.02	1481	699.03	1732	817.50	392	938	1369	625	1200	380	3/8"	3/4"	Scroll	Centrifugal Fan	54.80	16.06	41.10	12.05	4.056	4.58	11.97	47.20	13.83	37.80	11.08	5.096	5.62	8.40	42.90	12.57	39.00	11.43	5.056	5.58	7.69		

- ### General Features
- High efficiency copper tube and aluminum fins coils.
 - High efficiency centrifugal fan for quiet operation.
 - High and low pressure protection.
 - High efficiency and reliable hermetically sealed scroll type compressor.

Commerical Ducted Split



R-22	SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	LINE SIZES AT 25FT DISTANCE						STANDARD AMBIENT 95°F, 80/67°F ON COIL						ESMA AMBIENT 115°F, 84.2/66.2°F ON COIL						DESIGN AMBIENT 115°F, 75.2/60.8°F ON COIL									
			CFM	L/S				(Outdoor)			(Indoor)			CIRCUIT A		CIRCUIT B		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER
								H(INCH)	W(INCH)	L(INCH)	H(INCH)	W(INCH)	L(INCH)	LIQ Ø"	SUC Ø"	LIQ Ø"	SUC Ø"	MBH	KW	MBH	KW			MBH	KW	MBH	KW			MBH	KW				
								ACUML+CADXL		ACUML+CADXL		ACUML+CADXL		ACUML+CADXL		ACUML+CADXL		ACUML+CADXL		ACUML+CADXL				ACUML+CADXL		ACUML+CADXL				ACUML+CADXL		ACUML+CADXL			
050LG+060LG	1670	788	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	53.5	32	33	25.2	48	45	1/2	7/8	-	-	55.1	16.1	40.0	11.7	3.4	11.74	49.0	14.4	46.2	13.6	4.2	8.85	44.8	13.1	40.8	11.9	4.2	8.19		
060LG+060LG	2000	944	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.8	38	38	25.2	48	45	1/2	7/8	-	-	64.4	18.9	46.1	13.5	3.9	12.22	58.5	17.2	53.7	15.7	4.9	9.25	53.4	15.6	47.4	13.9	4.9	8.51		
070LG+070LG	2400	1133	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.8	38	38	25.2	48	45	1/2	7/8	-	-	74.2	21.7	53.7	15.7	4.7	11.74	67.7	19.8	62.8	18.4	5.9	8.97	61.8	18.1	55.4	16.2	5.8	8.30		
085LG+100LG	2880	1359	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.8	38	38	27.2	56	50	1/2	1 1/8	-	-	89.4	26.2	65.3	19.2	5.6	11.76	79.5	23.3	75.8	22.2	7.1	8.75	72.4	21.2	66.7	19.5	6.95	8.09		
100LG+100LG	3220	1520	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.8	38	38	27.2	56	50	1/2	1 1/8	-	-	96.8	28.4	69.2	20.3	6.31	11.65	88.2	25.9	80.6	23.6	8.0	8.84	80.9	23.7	71.4	20.9	7.85	8.21		
110LG+120LG	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.4	74	43	28.2	56	50	1/2	7/8	1/2	7/8	114.8	33.6	84.4	24.7	7.2	11.32	102.7	30.1	98.2	28.8	9.2	8.48	94.3	27.6	86.7	25.4	8.92	7.95		
120LG+120LG	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.4	74	43	28.2	56	50	1/2	7/8	1/2	7/8	124.9	36.6	88.2	25.9	8	11.42	113.3	33.2	102.1	29.9	10.3	8.57	103.2	30.3	90.4	26.5	10.14	7.89		
130LG+150LG	5000	2360	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	30.2	70	58	1/2	7/8	1/2	7/8	135.3	39.7	97.2	28.5	8.17	11.96	122.3	35.8	112.9	33.1	10.5	8.97	111.5	32.7	99.7	29.2	10.33	8.28		
160LG+150LG	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	30.2	70	58	1/2	7/8	1/2	7/8	147.9	43.4	107.4	31.5	9.6	11.61	134.2	39.3	125.3	36.7	12.1	8.81	122.8	36.0	110.7	32.4	11.86	8.19		
180LG+180LG	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	33.2	70	60	1/2	7/8	1/2	7/8	175.2	51.3	128.7	37.7	11.29	11.61	156.9	46.0	149.9	43.9	14.3	8.67	142.9	41.9	131.8	38.6	14.05	8.01		
205LG+180LG	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	33.2	70	60	1/2	1 1/8	1/2	1 1/8	191.2	56.0	138.3	40.5	12.72	11.57	174.6	51.2	161.9	47.5	16.1	8.77	154.9	45.4	153.6	45.0	15.77	7.92		
240LG+240LG	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	58.0	80	43	35.2	92	61.4	1/2	1 1/8	1/2	1 1/8	235.4	69.0	175.1	51.3	14.92	11.59	210.5	61.7	204.4	59.9	19.0	8.63	193.0	56.6	180.0	52.7	18.67	8.02		
260LG+240LG	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	58.0	80	43	35.2	92	61.4	5/8	1 1/8	5/8	1 1/8	263.9	77.3	191.5	56.1	17.35	11.60	234.7	68.8	221.4	64.9	21.8	8.63	215.6	63.2	195.7	57.4	21.44	8.03		

R-410A	SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	LINE SIZES						STANDARD AMBIENT 95°F, 80/67°F ON COIL				ESMA AMBIENT 115°F, 84.2/66.2°F ON COIL				DESIGN AMBIENT 115°F, 75.2/60.8°F ON COIL												
			CFM	L/S				AUMR			CADX-A			SUCTION DISCHARGE LIQUID			TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER
								H(INCH)	W(INCH)	L(INCH)	H(INCH)	W(INCH)	L(INCH)	MBH	KW	MBH	KW	MBH	KW	MBH			KW	MBH	KW	MBH			KW					
								AUMR+CADXA		AUMR+CADXA		AUMR+CADXA		AUMR+CADXA		AUMR+CADXA		AUMR+CADXA		AUMR+CADXA			AUMR+CADXA		AUMR+CADXA				AUMR+CADXA		AUMR+CADXA			
050+060G	1700	802	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	53.48	32	33	26.2	48	45	7/8	5/8	1/2	60.51	17.7	43.65	12.8	3.37	12.77	50.8	14.9	48.9	14.3	4.7	8.37	47.82	14.0	43.86	12.9	4.46	8.20		
060+060G	2000	944	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.76	38	38	26.2	48	45	7/8	5/8	1/2	73.05	21.4	51.78	15.2	4.19	12.98	59.9	17.6	57.7	16.9	5.6	8.51	56.81	16.7	51.5	15.1	5.36	8.35		
070+070G	2400	1133	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.76	38	38	26.2	48	45	7/8	5/8	1/2	86.1	25.2	61.07	17.9	4.94	13.05	71.9	21.1	68	19.9	6.7	8.60	67.33	19.7	60.93	17.9	6.23	8.53		
085+100G	2800	1322	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.76	38	38	28.2	56	50	1 1/8	5/8	1/2	95.01	27.8	69.65	20.4	5.48	12.67	80	23.4	78.6	23.0	7.3	8.58	74.83	21.9	70.06	20.5	6.87	8.42		
100+100G	3000	1416	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.76	38	38	28.2	56	50	1 1/8	5/8	1/2	107.42	31.5	76.57	22.4	6.3	12.91	89.9	26.3	85.5	25.1	8.4	8.63	84.02	24.6	76.45	22.4	7.93	8.44		
110+120G	3600	1699	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	28.2	56	50	7/8	5/8	1/2	129.2	37.9	91.26	26.7	6.95	12.75	108.2	31.7	101.9	29.9	9.4	8.60	101.01	29.6	91	26.7	8.87	8.38		
130+150G	4200	1982	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	30.2	70	58	7/8	5/8	1/2	146.2	42.8	105.76	31.0	8.45	12.57	117.6	34.5	117	34.3	10.3	8.72	114.01	33.4	105.7	31.0	10.82	8.14		
160+150G	4800	2266	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	30.2	70	58	7/8	5/8	1/2	171.59	50.3	121.92	35.7	9.97	13.05	143.8	42.1	136	39.9	13.4	8.67	134.06	39.3	121.63	35.6	12.59	8.50		
180+180G	5800	2738	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	34.2	70	60	1 1/8	5/8	1/2	188.58	55.3	140.24	41.1	11.07	12.65	158.8	46.5	158.8	46.5	14.5	8.66	148.32	43.5	141.25	41.4	13.89	8.37		
205+180G	6200	2926	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	74	43	34.2	70	60	1 1/8	5/8	1/2	213.03	62.4	153.74	45.1	12.75	12.84	177.8	52.1	172.8	50.6	16.9	8.57	166.29	48.7	153.72	45.1	16.03	8.37		
240+240G	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.96	80	43	35.2	92	61.4	1 1/8	3/4	5/8	255.95	75.0	186.37	54.6	14.21	13.05	212.8	62.4	219.4	64.3	18.95	8.74	198.67	58.2	186.28	54.6	18.17	8.43		
260+240G	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	57.96	80	43	35.2	92	61.4	1 1/8	3/4	5/8	276.36	81.0	194.06	56.9	16.4	12.68	229	67.1	216	63.3	22	8.36	214.67	62.9	192.99	56.6	21.07	8.11		

- ### General Features
- High efficiency totally sealed hermetic scroll compressors utilizing the most current state of the art technology and provides smooth, efficient and quiet operation.
 - Totally enclosed, Class F insulated, condenser and evaporator fan motors.
 - Cabinet construction specifically for gulf climate condition.
 - Electronic control board for the unit operation.

Note :
 Total Capacity is the Gross Capacity which does not include the Evap. Motor Heat.
 EER calculated based on total power input of the Unit.
 For further details refer to the product technical data catalogue.

Roof Top Packaged Units



SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	H(INCH)	W(INCH)	L(INCH)	STANDARD AMBIENT 95°F, 80/67°F ON COIL				ESMA AMBIENT 115°F, 84.2/66.2°F ON COIL				DESIGN AMBIENT 115°F, 75.2/60.8°F ON COIL										
		CFM	LS							TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	EER	
										MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	
R-22	PACL	51050G	1670	788	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	47.2	42.5	60.0	52.54	15.4	38.06	11.2	3.4	11.40	47.41	13.9	44.3	13.0	4.33	8.62	42.42	12.4	39.14	11.5	4.25	7.83
		51060G	2000	944	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	50.6	62.5	63.05	18.5	45.21	13.3	3.9	11.68	57.45	16.8	52.73	15.5	4.97	8.85	52.39	15.4	46.57	13.6	4.9	8.16
		51070G	2400	1133	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	50.6	62.5	75.45	22.1	54.68	16.0	4.8	11.61	67.84	19.9	63.56	18.6	6	8.76	62.15	18.2	56.15	16.5	5.88	8.16
		51085G	2880	1359	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	50.6	68.5	86.61	25.4	63.3	18.6	5.45	11.47	78.74	23.1	74.13	21.7	6.95	8.70	71.69	21.0	65.26	19.1	6.83	8.03
		51095G	3220	1520	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	62.0	68.5	100.14	29.3	72.98	21.4	6.23	12.02	90.08	26.4	84.95	24.9	7.68	9.21	91.37	26.8	58.24	17.1	7.88	9.16
		52110G	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	68.0	68.5	113.77	33.3	90.21	26.4	7.46	10.94	102.43	30.0	101.67	29.8	9.45	8.27	94.05	27.6	59.38	17.4	9.17	7.77
		52120G	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.5	75.0	76.0	125.27	36.7	90.23	26.4	8.04	11.41	113.85	33.4	105.22	30.8	10.25	8.63	103.8	30.4	92.84	27.2	10.11	7.95
		52145G	5000	2360	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	61.1	75.0	78.0	150.11	44.0	110.91	32.5	9.92	11.67	133.86	39.2	129.13	37.8	12.43	8.71	122.5	35.9	113.68	33.3	12.17	8.11
		52160G	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	88.0	92.0	162.09	47.5	127.17	37.3	9.55	12.14	142.44	41.7	141.5	41.5	12.08	8.97	130.3	38.2	129.3	37.9	11.84	8.33
		52180G	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.7	88.0	92.0	179.8	52.7	133.5	39.1	11.38	11.84	159	46.6	155.08	45.5	14.33	8.77	144.83	42.4	136.11	39.9	14.08	8.10
		52205G	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	65.47	88.0	96	211.95	62.1	158.55	46.5	12.4	11.40	187.2	54.9	184.3	54.0	15.54	8.61	171.34	50.2	161.98	47.5	15.24	7.99
		52225G	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	65.47	88.0	96	233.2	68.3	166	48.7	14.85	11.08	209.61	61.4	191.97	56.3	18.33	8.55	192.17	56.3	170.07	49.8	18.64	7.74
		52240G	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	68.93	88.0	99	240.8	70.6	179.16	52.5	14.99	11.81	213.46	62.6	208.36	61.1	18.99	8.75	195.48	57.3	183.29	53.7	18.67	8.12
		52260G	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	76.11	88.0	99	274.71	80.5	205.5	60.2	16.79	12.38	244.9	71.8	227	66.5	21.11	9.24	224.64	65.8	200.97	58.9	20.75	8.59
		52290G	9100	4295	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	76.11	88.0	117	287.1	84.1	209.09	61.3	19.79	11.05	251.99	73.9	240.9	70.6	24.66	8.17	229.59	67.3	211.84	62.1	24.12	7.57
52330G	10500	4956	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	76.11	88.0	117	327.45	96.0	236.54	69.3	23.89	10.27	291.57	85.5	273.75	80.2	29.65	7.74	265.82	77.9	241.19	70.7	29.22	7.14		

- ### General Features
- High efficiency totally sealed scroll hermetic compressors.
 - Totally enclosed, Class F insulated condenser and evaporator fan motors.
 - Heavy duty condenser and evaporator coils optimised in design for long-life maintenance free operation.
 - Cabinet construction specifically designed for Gulf climates.
 - Electronic control board for unit operation.

SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	H(INCH)	W(INCH)	L(INCH)	STANDARD AMBIENT 95°F, 80/67°F ON COIL				ESMA AMBIENT 115°F, 84.2/66.2°F ON COIL				DESIGN AMBIENT 115°F, 75.2/60.8°F ON COIL										
		CFM	LS							TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	EER	
										MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	
R-410A	APMR	51050G	1670	788	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	47.1	42.5	60	57.45	16.8	38.89	11.4	3.76	12.33	49	14.4	43.9	12.9	5.1	8.17	45.6	13.4	38.92	11.4	4.87	7.90
		51060G	2000	944	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	50.6	62.5	66.48	19.5	47.36	13.9	3.88	12.31	55.7	16.3	53	15.5	5.15	8.35	52.06	15.3	47.38	13.9	4.92	8.08
		51075G	2400	1133	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	50.6	62.5	79.87	23.4	54.76	16.0	4.93	11.97	68.2	20.0	61	17.9	6.58	8.20	63.97	18.7	55.15	16.2	6.28	7.98
		51080G	2900	1369	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	62	68.5	93.81	27.5	68.86	20.2	5.55	12.87	78.4	23.0	77.6	22.7	7.4	8.58	73.64	21.6	69.21	20.3	6.97	8.45
		51100G	3220	1520	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	62	68.5	106.25	31.1	76.76	22.5	6.41	12.49	88.5	25.9	86	25.2	8.4	8.43	82.92	24.3	76.8	22.5	8.05	8.17
		52115G	5000	2360	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	63.12	75	78	128.57	37.7	100.02	29.3	7.33	12.40	108	31.7	108	31.7	9.8	8.41	100.66	29.5	100.66	29.5	9.46	8.05
		52150G	5000	2360	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	63.12	88	94	172.17	50.5	122.91	36.0	10	13.06	143.6	42.1	137.8	40.4	13.6	8.56	134.95	39.6	122.98	36.0	12.62	8.54
		52170G	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.64	88	92	187.28	54.9	138.65	40.6	11.07	12.56	156.8	46.0	156	45.7	14.8	8.41	146.74	43.0	139.48	40.9	13.9	8.27
		52200G	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	65.47	88	96	222.79	65.3	165.15	48.4	12.06	12.20	188	55.1	186	54.5	16.3	8.36	176.31	51.7	166.81	48.9	15.27	8.21
		52230G	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	65.47	88	96	253.63	74.3	176.88	51.8	14.17	12.45	209.9	61.5	196.1	57.5	19.1	8.30	197.06	57.8	175.56	51.5	18.15	8.09
		52240G	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	68.93	88	99	257.3	75.4	188.24	55.2	14.24	12.59	213	62.4	211	61.8	19.2	8.39	200.7	58.8	188.63	55.3	18.19	8.23
		52270G	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	76.11	88	117	285.18	83.6	200.42	58.7	16.35	12.65	234.1	68.6	220.1	64.5	22.3	8.21	220.8	64.7	199.33	58.4	21.01	8.11
		52300G	9100	4295	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	76.11	88	117	318.06	93.2	229.53	67.3	19.04	12.06	260	76.2	254	74.4	25.3	7.97	247.14	72.4	229.35	67.2	23.79	7.94
		52340G	10500	4956	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	76.11	88	117	361.72	106.0	261.23	76.6	24.93	11.21	298.8	87.6	290.1	85.0	30.8	7.83	283.49	83.1	262.19	76.8	28.99	7.80

- Note :**
- Total Capacity is the Gross Capacity which does not include the Evap. Motor Heat.
 - EER calculated based on total power input of the Unit.
 - For further details refer to the product technical data catalogue.

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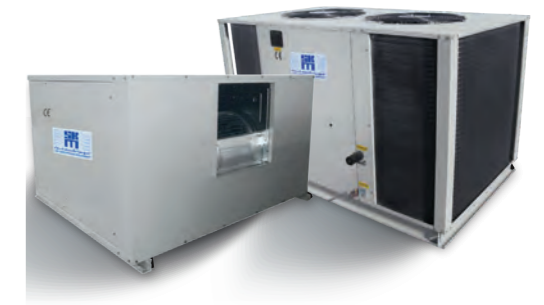
- Ducted Mini Split.
- Commerical Ducted Split.
- Roof Top Packaged Units.

MEW Regulations

CAPACITY (MBh)	MEW KW/TR
< 65	
≥ 65 and < 135	1.5 KW/TR @ 118.4°F Ambient Temp. On Coil 80/67 °F/°F
≥ 135 and < 240	
≥ 240 and < 760	



Commerical Ducted Split



SERIES	MODEL	AIRFLOW		LINE SIZES AT 25M DISTANCE						AMBIENT 95°F, 80/67°F ON COIL						AMBIENT 118.4°F, 80/67°F ON COIL									
		CFM	L/S	(Outdoor)			(Indoor)			CIRCUIT A		CIRCUIT B		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	
				H(INCH)	W(INCH)	L(INCH)	H(INCH)	W(INCH)	L(INCH)	LIQ Ø"	SUC Ø"	LIQ Ø"	SUC Ø"	MBH	KW	MBH	KW	KW	kw/Tr	MBH	KW	MBH	KW	KW	kw/Tr
R-22 ACUML+ CADXL	050L+050L	1800	850	45.2	30.0	28.0	21.2	48.0	45.0	1/2	7/8	-	-	54.2	15.9	38.1	11.2	3.4	1.02	49.3	14.4	36.3	10.6	4.5	1.38
	060L+060L	2200	1038	49.77	38.0	38.0	25.2	48.0	45.0	1/2	7/8	-	-	67.5	19.8	46.5	13.6	3.6	0.89	61.0	17.9	44.4	13.0	4.8	1.22
	070L+070L	2300	1086	49.77	38.0	38.0	25.2	48.0	45.0	1/2	7/8	-	-	81.1	23.8	59.6	17.5	4.5	0.88	73.0	21.4	56.4	16.5	6.0	1.22
	085L+085L	3000	1416	48.0	38.0	38.0	25.2	55.0	45.0	1/2	1 1/8	-	-	89.2	26.1	67.0	19.6	6.0	1.13	81.1	23.8	64.0	18.8	7.9	1.52
	100L+100L	3830	1808	48.0	38.0	38.0	27.2	56.0	50.0	1/2	1 1/8	-	-	93.2	27.3	65.4	19.2	6.4	1.20	85.4	25.0	62.6	18.3	8.5	1.61
	110L+120L	3830	1808	47.2	74.0	43.0	27.2	56.0	50.0	1/2	7/8	1/2	7/8	109.5	32.1	77.6	22.7	7.4	1.12	99.5	29.2	74.1	21.7	9.9	1.54
	120L+120L	3830	1808	50	74.0	43.0	27.2	56.0	50.0	1/2	7/8	1/2	7/8	122.9	36.0	87.4	25.6	8.6	1.16	111.4	32.6	83.1	24.4	11.4	1.58
	130L+150L	5200	2454	50	74.0	43.0	30.2	70.0	58.0	1/2	7/8	1/2	7/8	141.7	41.5	103.4	30.3	8.7	1.07	126.0	36.9	97.8	28.7	11.4	1.46
	145L+150L	5600	2643	50	74.0	43.0	30.2	70.0	58.0	1/2	7/8	1/2	7/8	145.9	42.8	109.3	32.0	9.8	1.13	132.1	38.7	104.4	30.6	12.8	1.52
	160L+150L	5600	2643	50.0	74.0	43.0	30.2	70.0	58.0	1/2	7/8	1/2	7/8	163.3	47.9	127.8	37.5	10.1	1.08	145.2	42.6	121.2	35.5	13.5	1.50
	180L+180L	6800	3210	50.0	74.0	43.0	33.2	70.0	60.0	1/2	1 1/8	1/2	1 1/8	169.1	49.6	127.7	37.4	11.3	1.13	153.0	44.8	122.0	35.8	15.3	1.56
	205L+240L	6400	3021	58.0	80.0	43.0	35.2	92.0	60.0	1/2	1 1/8	1/2	1 1/8	224.8	65.9	166.0	48.7	11.7	0.94	201.4	59.0	157.2	46.1	15.5	1.28
240L+240L	7540	3559	58.0	80.0	43.0	35.2	92.0	61.4	5/8	1 1/8	5/8	1 1/8	246.8	72.3	180.6	52.9	13.9	0.97	225.1	65.9	172.5	50.6	18.7	1.32	
260L+240L	9290	4385	58.0	80.0	43.0	35.2	92.0	61.4	5/8	1 1/8	5/8	1 1/8	264.8	77.6	186.8	54.7	18.8	1.14	238.1	69.8	177.2	51.9	24.7	1.57	

General Features

- High efficiency totally sealed hermetic scroll compressors utilizing the state of the art technology and provides smooth, efficient and quiet operation.
- Totally enclosed, Class F insulated, condenser and evaporator fan motors.
- Cabinet construction specifically for gulf climate condition.
- Electronic control board for the unit operation.

Roof Top Packaged Units



SERIES	MODEL	AIRFLOW CFM	UNIT DIMENSIONS				AMBIENT 95°F, 80/67°F ON COIL						AMBIENT 118.4°F, 80/67°F ON COIL					
			H(INCH)	W(INCH)	L(INCH)	L/S	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP . PI	
							MBH	KW	MBH	KW	KW	kw/Tr	MBH	KW	MBH	KW	KW	kw/Tr
R-22 PACL	51050	1670	47.2	42.5	60.0	788	53.7	15.7	39.5	11.6	3.6	1.07	48	14.1	37.3	10.9	4.6	1.44
	51060	2000	55.2	50.6	62.5	944	58.6	17.2	42.2	12.4	3.6	1.05	53	15.5	40.2	11.8	4.7	1.41
	51070	2400	55.2	50.6	62.5	1133	70.5	20.7	51.6	15.1	4.9	1.13	63	18.5	48.8	14.3	6.5	1.57
	51085	2880	55.2	50.6	68.5	1359	79.8	23.4	58.1	17	5.7	1.17	72.2	21.2	55.3	16.2	7.6	1.61
	51095	3220	55.2	62.0	68.5	1520	92.1	27	67.3	19.7	6.7	1.15	82.6	24.2	63.7	18.7	8.9	1.60
	52110	4000	55.2	68.0	68.0	1888	114.4	33.5	86.9	25.5	7.9	1.11	102	29.9	82.4	24.2	10.2	1.51
	52120	4000	52.2	75.0	76.0	1888	122.2	35.8	87.9	25.8	8	1.07	110.7	32.4	83.6	24.5	10.7	1.48
	52145	5000	61.2	75.0	78.0	2360	135.7	39.8	100.4	29.4	9.2	1.13	121.3	35.6	95	27.9	12.2	1.56
	52160	6000	59.6	75.0	76.0	2832	142	41.6	111.9	32.8	9.7	1.21	126	36.9	106.2	31.1	12.9	1.67
	52180	6000	59.6	75.0	76.0	2832	159.4	46.7	118.6	34.8	11.5	1.21	143	41.9	112.5	33	15.1	1.65
	52205	7000	59.6	80.0	86.0	3304	181	53.1	136.3	39.9	11.5	1.17	162	47.5	129.3	37.9	15.1	1.58
	52225	7000	59.6	80.0	86.0	3304	214.7	62.9	154	45.1	15.5	1.21	194.4	57	146.4	42.9	20.4	1.64
	52240	8000	67.1	88.0	102.6	3776	231.1	67.7	172.3	50.5	14	1.05	206.9	60.6	163.3	47.9	18.5	1.43
	52260	8000	67.1	88.0	102.6	3776	248.3	72.8	177.9	52.1	18	1.17	223.3	65.5	168.4	49.4	23.5	1.60
	52290	9100	73.0	88.0	106.6	4295	258.1	75.6	187	54.8	19.2	1.18	231.1	67.7	176.9	51.8	25.2	1.63
	52330	10500	73.0	88.0	106.6	4956	303.4	88.9	219.2	64.2	23.6	1.22	270.9	79.4	207.1	60.7	30.2	1.66

General Features

- High efficiency totally sealed scroll hermetic compressors.
- Totally enclosed, Class F insulated condenser and evaporator fan motors.
- Heavy duty condenser and evaporator coils optimised in design for long-life maintenance free operation.
- Cabinet construction specifically designed for Gulf climates.
- Electronic control board for unit operation.

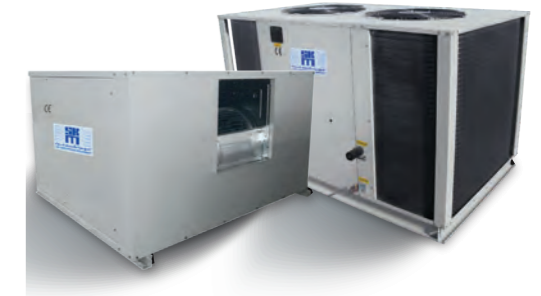
- Ducted Mini Split.
- Commerical Ducted Split.
- Roof Top Packaged Units.

SASO Regulations

CAPACITY (MBh)	SASO EER
< 65	SASO is for 60Hz Power Supply only EER = 11.5 @ T1 On Coil 80.6/66.2 °F/°F & EER = 8.28 @ T3 On Coil 84.2/66.2 °F/°F
≥ 65 and < 135	11.2 @ T1 On Coil 80/67 °F/°F
≥ 135 and < 240	11 @ T1 On Coil 80/67 °F/°F
≥ 240 and < 760	10 @ T1 On Coil 80/67 °F/°F



Commerical Ducted Split



SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	AUMR			CADX-A			LINE SIZES			AMBIENT 95°F, 80.6/66.2°F ON COIL					AMBIENT 115°F, 84.2/66.2°F ON COIL					AMBIENT 115°F, 75.2/60.8°F ON COIL								
		CFM	LS				H(INCH)	W(INCH)	L(INCH)	H(INCH)	W(INCH)	L(INCH)	SUCTION	DISCHARGE	LIQUID	MBH	KW	MBH	KW	KW	Btu/h/W	MBH	KW	MBH	KW	KW	Btu/h/W	MBH	KW	MBH	KW	KW	Btu/h/W	
																																		TOTAL CAPACITY
R-410A	AUMR+CADXA	060+060A	2000	944	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	45.14	30	28	25.2	48	45	7/8	5/8	1/2	65.97	19.3	48.67	14.3	4.3	11.28	57.95	17.0	52.1	15.3	5.62	8.08	53	15.5	46.2	13.5	5.6	7.41
	070+070A	2400	1133	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	45.14	30	28	25.2	48	45	7/8	5/8	1/2	72.86	21.4	55.05	16.1	5.16	10.86	63.65	18.7	59.11	17.3	6.53	7.88	58.3	17.1	52.2	15.3	6.5	7.24	
	090+090A	3000	1416	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	48	38	38	27.2	56	50	1 1/8	5/8	1/2	90.26	26.5	69.14	20.3	6.94	9.62	78.07	22.9	74.13	21.7	8.82	6.93	71.4	20.9	65.3	19.1	8.7	6.41	
	100+100A	3400	1605	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	48	38	38	27.2	56	50	1 1/8	3/4	5/8	102.29	30.0	77.41	22.7	6.84	10.61	90.51	26.5	83.59	24.5	8.67	7.89	82.9	24.3	73.9	21.7	8.5	7.34	
	105+105A	3400	1605	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	47.1	74	43	27.2	56	50	7/8	5/8	1/2	104.46	30.6	78.23	22.9	7.78	9.82	90.72	26.6	83.67	24.5	10	7.05	83	24.3	73.9	21.7	9.9	6.50	
	150+150A	4800	2266	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	48	74	43	30.2	70	58	7/8	5/8	1/2	152.07	44.6	112.54	33.0	11.21	10.41	134.32	39.4	120.93	35.4	14.27	7.60	123.3	36.1	107.3	31.4	14.1	7.05	
	180+180A	6200	2926	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	48	74	43	33.2	70	60	1 1/8	5/8	1/2	180.79	53.0	138.61	40.6	13.17	10.49	157.82	46.3	149.28	43.8	17.03	7.48	144.4	42.3	131.6	38.6	16.7	6.96	
	215+215A	7200	3398	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	50.2	74	43	35.2	92	61.4	1 1/8	3/4	5/8	209.99	61.5	163.59	47.9	14.23	10.28	183.02	53.6	176.52	51.7	17.9	7.59	167.2	49.0	155.2	45.5	17.6	7.03	
	240+240A	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	58	80	43	35.2	92	61.4	1 1/8	3/4	5/8	237.7	69.7	181.56	53.2	15.45	10.88	207.19	60.7	195.21	57.2	19.88	7.88	189.5	55.5	172.2	50.5	19.6	7.29	
	300+300A	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	58	80	43	35.2	92	61.4	1 1/8	3/4	5/8	300.95	88.2	216.46	63.4	20.92	10.70	261.43	76.6	228.57	67.0	27.25	7.59	239.8	70.3	203.7	59.7	26.8	7.05	

General Features

- High efficiency totally sealed hermetic scroll compressors utilizing the most current state of the art technology and provides smooth, efficient and quiet operation.
- Totally enclosed, Class F insulated, condenser and evaporator fan motors.
- Cabinet construction specifically for gulf climate condition.
- Electronic control board for the unit operation.

Roof Top Packaged Units



SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	AMBIENT 95°F, 80.6/66.2°F ON COIL			AMBIENT 115°F, 84.2/66.2°F ON COIL					AMBIENT 115°F, 75.2/60.8°F ON COIL													
		CFM	LS				H(INCH)	W(INCH)	L(INCH)	TOTAL CAPACITY	SENSIBLE CAPACITY	COMP. PI	EER	TOTAL CAPACITY	SENSIBLE CAPACITY	COMP. PI	EER	TOTAL CAPACITY	SENSIBLE CAPACITY	COMP. PI	EER							
																						MBH	KW	MBH	KW	KW	Btu/h/W	MBH
R-410A	APMR	61060	2000	944	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	47.1	42.5	60	63.29	18.5	46.6	13.7	4.29	10.85	56.65	16.6	50.31	14.7	5.63	7.90	58.1	17.0	47.31	13.9	4.26	10.01
	61075	2400	1133	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	47.9	50.6	60	76.6	22.5	56.8	16.6	4.86	11.56	66.66	19.5	60.92	17.9	6.17	8.40	69.65	20.4	57.57	16.9	4.82	10.58	
	61090	3000	1416	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	55.7	50.6	68.5	94.44	27.7	70.3	20.6	5.9	10.78	83.66	24.5	75.71	22.2	7.72	7.91	86.37	25.3	71.21	20.9	5.78	10.00	
	61100	3000	1416	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	55.7	50.6	68.5	105.91	31.0	78.57	23.0	6.73	11.04	93.06	27.3	84.03	24.6	8.51	8.18	96	28.1	79.22	23.2	6.62	10.13	
	62125	4000	1888	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	56.1	75	78	128.04	37.5	94.28	27.6	8.6	10.67	114.01	33.4	101.56	29.8	11.23	7.79	117.47	34.4	95.69	28.0	8.51	9.86	
	62140	4000	1888	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	56.1	75	78	142.34	41.7	105.02	30.8	9.24	11.26	123.78	36.3	111.69	32.7	11.77	8.16	129.8	38.0	106.22	31.1	9.21	10.29	
	62160	5700	2690	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	57.6	75	76	157.57	46.2	123.65	36.2	11.3	10.26	137.15	40.2	133.68	39.2	14.32	7.46	143.78	42.1	125.02	36.6	11.05	9.52	
	62180	5700	2690	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	57.6	75	76	185.34	54.3	141.77	41.6	13.32	10.66	160.55	47.1	151.88	44.5	17.09	7.59	167.53	49.1	142.73	41.8	12.8	9.94	
	62200	6600	3115	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	63.6	75	76	201.36	59.0	151.79	44.5	14.1	10.33	177.7	52.1	163.59	47.9	17.81	7.66	184.4	54.0	153.8	45.1	13.84	9.58	
	62250	8000	3776	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	71.1	88	102.6	241.99	70.9	185.15	54.3	15.51	11.00	209.81	61.5	198.64	58.2	19.93	7.94	219.04	64.2	186.47	54.7	15.17	10.12	
	62270	8000	3776	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	71.1	88	102.6	266.86	78.2	194.64	57.0	18.34	10.75	232.65	68.2	207.23	60.7	24.01	7.63	245.12	71.8	197.68	57.9	17.94	10.04	
	62300	8000	3776	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	71.1	88	102.6	305.32	89.5	219.73	64.4	21	10.80	263.58	77.3	231.29	67.8	27.3	7.62	280.34	82.2	223.14	65.4	20.49	10.10	
	62380	10000	4720	380-415V/3Ph/60Hz	Propeller Direct Drive	Hermetic Scroll	72.65	88	106.6	381.02	111.7	270.55	79.3	28.58	10.28	340.02	99.7	288.4	84.5	35.57	7.72	351.07	102.9	275.36	80.7	27.86	9.66	

Note :

- Total Capacity is the Gross Capacity which does not include the Evap. Motor Heat.
- EER calculated based on total power input of the Unit.
- For further details refer to the product technical data catalogue.

General Features

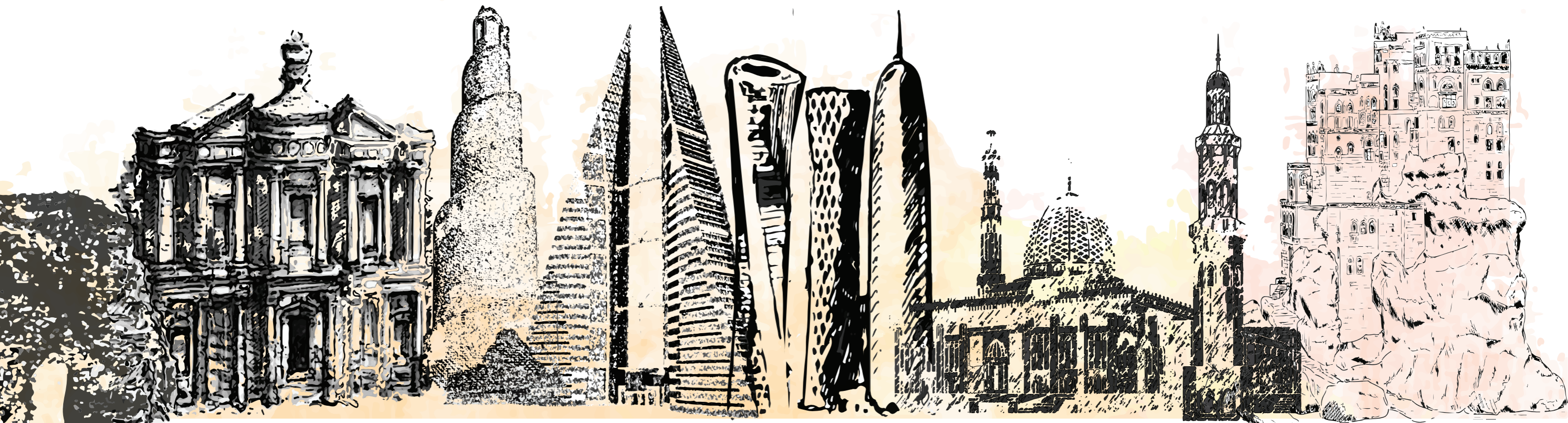
- High efficiency totally sealed scroll hermetic compressors.
- Totally enclosed, Class F insulated condenser and evaporator fan motors.
- Heavy duty condenser and evaporator coils optimised in design for long-life maintenance free operation.
- Cabinet construction specifically designed for Gulf climates.
- Electronic control board for unit operation.

Other Countries

Standard Regulations

CAPACITY (MBh)	ASHRAE 90.1-2013 EER
< 65	13 SEER @ T1 On Coil 80/67 °F/°F
≥ 65 and < 135	11.2 EER @ T1 On Coil 80/67 °F/°F
≥ 135 and < 240	11 EER @ T1 On Coil 80/67 °F/°F
≥ 240 and < 760	10 EER @ T1 On Coil 80/67 °F/°F

- Ducted Mini Split.
- Commerical Ducted Split.
- Roof Top Packaged Units.



Commerical Ducted Split



R-22	SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	LINE SIZES AT 25FT DISTANCE						AMBIENT 95°F, 80/67°F ON COIL					AMBIENT 115°F, 84.2/66.2°F ON COIL					AMBIENT 115°F, 75.2/60.8°F ON COIL													
			CFM	L/S				(Outdoor)	(Indoor)	CIRCUIT A		CIRCUIT B		TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER						
										H(INCH)	W(INCH)	L(INCH)	H(INCH)	W(INCH)	L(INCH)	LIQ Ø"	SUC Ø"			LIQ Ø"	SUC Ø"	MBH	KW			MBH	KW	MBH	KW			MBH	KW	MBH	KW	MBH	KW
										H(INCH)		W(INCH)		L(INCH)		LIQ Ø"				SUC Ø"		MBH				KW		MBH				KW		MBH		KW	
ACUML+CADXL	050+050L	1670	788	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	45.2	30	28	21	48	45	1/2	7/8	-	-	51.6	15.1	36.6	10.7	3.4	11.29	47.8	14.0	35.2	10.3	4.3	8.74	47.8	14.0	28.1	8.2	4.3	8.74			

R-410A	SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	AUMR		CADX-A		LINE SIZES																AMBIENT 95°F, 80/67°F ON COIL					AMBIENT 115°F, 84.2/66.2°F ON COIL					AMBIENT 115°F, 75.2/60.8°F ON COIL				
			CFM	L/S				H(INCH)	W(INCH)	L(INCH)	SUCTION	DISCHARGE	LIQUID	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER											
														H(INCH)	W(INCH)	L(INCH)	H(INCH)			W(INCH)	L(INCH)	MBH	KW			MBH	KW	MBH	KW			MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	
														H(INCH)		W(INCH)				L(INCH)		LIQ Ø"				MBH		KW				MBH		KW		MBH		KW		MBH		KW
AUMR+CADXA	050+050A	1700	802	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	45.14	30	28	21.2	48	45	7/8	5/8	1/2	52.3	15.3	36.9	10.8	3.9	10.32	47	13.8	34.9	10.2	5.1	7.50	41.3	12.1	37	10.9	5.1	6.59									

General Features

- High efficiency totally sealed hermetic scroll compressors utilizing the most current state of the art technology and provides smooth, efficient and quiet operation.
- Totally enclosed, Class F insulated, condenser and evaporator fan motors.
- Cabinet construction specifically for gulf climate condition.
- Electronic control board for the unit operation.

Note :

- Total Capacity is the Gross Capacity which does not include the Evap. Motor Heat.
- EER calculated based on total power input of the Unit.
- For further details refer to the product technical data catalogue.

Roof Top Packaged Units



SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	H(INCH)	W(INCH)	L(INCH)	AMBIENT 95°F, 80/67°F ON COIL					AMBIENT 115°F, 84.2/66.2°F ON COIL					AMBIENT 115°F, 75.2/60.8°F ON COIL								
		CFM	L/S							TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	
										MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	
R-22	PACL	51050	1670	788	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	47.2	42.5	60.0	50.9	14.9	36.4	10.7	3.7	10.45	46.9	13.8	34.9	10.2	4.6	8.13	46.9	13.8	27.8	8.1	4.6	8.13
		51060	2000	944	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	50.6	62.5	60.9	17.8	42.9	12.6	4.0	11.03	56.1	16.4	41.1	12.0	5.2	8.35	56.1	16.4	32.8	9.6	5.2	8.35
		51070	2400	1133	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	50.6	62.5	73.2	21.4	52.2	15.3	5.0	10.86	67.3	19.7	50	14.7	6.4	8.27	67.3	19.7	39.8	11.7	6.4	8.27
		51085	2880	1359	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	50.6	68.5	85.5	25.0	60.7	17.8	5.4	11.40	78.8	23.1	58.3	17.1	6.9	8.76	78.8	23.1	46.4	13.6	6.9	8.76
		51095	3220	1520	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	62.0	68.5	98.7	28.9	70.3	20.6	6.2	11.89	91.2	26.7	67.5	19.8	8	9.03	91.2	26.7	53.8	15.8	8	9.03
		52110	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.2	68.0	68.5	111.8	32.8	82.5	24.2	7.6	10.92	103.1	30.2	79.3	23.3	9.7	8.35	103.1	30.2	62.6	18.3	9.7	8.35
		52120	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	56.0	75.0	76.0	124	36.3	87	25.5	7.9	11.44	114.3	33.5	83.4	24.5	10.1	8.77	114.3	33.5	66.7	19.5	10.1	8.77
		52145	5000	2360	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	61.2	75.0	76.0	147.4	43.2	106.3	31.1	9.9	10.92	135.7	39.8	101.9	29.9	12.5	8.43	135.7	39.8	80.9	23.7	12.5	8.43
		52160	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.6	75.0	78.0	154.8	45.4	118	34.6	9.6	10.90	142.6	41.8	113.7	33.3	12.2	8.49	142.6	41.8	89	26.1	12.2	8.49
		52180	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.6	75.0	76.0	181.5	53.2	135	39.6	11.6	11.20	166.1	48.7	129.3	37.9	14.7	8.61	166.3	48.7	102	29.9	14.7	8.62
		52205	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.6	80.0	86.0	206.8	60.6	155.7	45.6	12.9	10.83	188.7	55.3	149	43.7	16.4	8.35	189.6	55.6	117.4	34.4	16.4	8.39
		52225	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.6	80.0	86.0	228.2	66.9	163.7	48.0	15.7	10.42	209.8	61.5	156.8	46.0	20	8.01	209.8	61.5	124.8	36.6	20	8.01
		52240	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	67.1	88.0	102.6	244.3	71.6	182.1	53.4	15.2	11.42	222.8	65.3	174.1	51.0	19.4	8.70	224.2	65.7	137.7	40.4	19.4	8.76
		52260	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	67.1	88.0	102.6	265	77.7	189.9	55.7	17.5	11.18	242.3	71.0	181.3	53.1	22.1	8.56	242.3	71.0	144.4	42.3	22.1	8.56
		52290	9100	4295	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	73.0	88.0	106.6	293.4	86.0	212.6	62.3	19.2	11.55	267.4	78.4	202.8	59.4	24.4	8.74	267.4	78.4	160.9	47.2	24.4	8.74
52330	10500	4956	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	73.0	88.0	106.6	333.4	97.7	240.9	70.6	24.1	10.60	302.8	88.7	229.4	67.2	29.9	8.13	302.8	88.7	182	53.3	29.9	8.13		

- ### General Features
- High efficiency totally sealed scroll hermetic compressors.
 - Totally enclosed, Class F insulated condenser and evaporator fan motors.
 - Heavy duty condenser and evaporator coils optimised in design for long-life maintenance free operation.
 - Cabinet construction specifically designed for Gulf climates.
 - Electronic control board for unit operation.

SERIES	MODEL	MED. AIRFLOW		Power Supply	Outdoor Fan	Compressor	H(INCH)	W(INCH)	L(INCH)	AMBIENT 95°F, 80/67°F ON COIL					AMBIENT 115°F, 84.2/66.2°F ON COIL					AMBIENT 115°F, 75.2/60.8°F ON COIL								
		CFM	L/S							TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	TOTAL CAPACITY		SENSIBLE CAPACITY		COMP. PI	EER	
										MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	MBH	KW	MBH	KW	KW	Btuh/W	
R-410A	APMR	51050	1670	788	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	47.1	42.5	60	55.36	16.2	38.1	11.2	4.1	10.50	49.4	14.5	35.9	10.5	5.3	7.64	43.22	12.7	37.9	11.1	5.3	6.68
		51060	2000	944	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	50.6	62.5	60.97	17.9	42.9	12.6	4.2	10.66	54.5	16.0	40.5	11.9	5.4	7.88	48.11	14.1	43.1	12.6	5.3	7.05
		51075	2400	1133	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	50.6	62.5	76.95	22.6	53.7	15.7	5.5	10.63	69.2	20.3	50.8	14.9	7	7.92	60.78	17.8	53.8	15.8	6.9	7.03
		51080	2900	1369	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	50.6	68.5	83.21	24.4	60.1	17.6	6	10.27	74.2	21.7	56.8	16.6	7.7	7.57	65.24	19.1	60.4	17.7	7.6	6.73
		51100	3220	1520	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	62	68.5	101.66	29.8	71.4	20.9	6.4	11.96	91.5	26.8	67.6	19.8	8.2	8.88	80.13	23.5	71.7	21.0	8	7.93
		52115	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	55.1	68	68.5	120.58	35.3	85.8	25.1	7.3	12.13	104.6	30.7	79.9	23.4	10	8.28	94.57	27.7	86	25.2	9.5	7.79
		52125	4000	1888	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	56	75	76	123.91	36.3	87	25.5	8.2	11.02	110.1	32.3	81.9	24.0	10.7	8.01	97.63	28.6	87.3	25.6	10.4	7.26
		52150	5000	2360	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	61.12	75	78	155.3	45.5	109.2	32.0	10.7	10.78	138.6	40.6	103	30.2	14	7.83	122.89	36.0	109.8	32.2	13.5	7.14
		52170	6000	2832	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.64	75	76	172.67	50.6	124.5	36.5	11.3	10.86	154.4	45.3	117.9	34.6	14.7	8.00	135.96	39.8	125.4	36.8	14.4	7.16
		52200	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.64	80	86	200.91	58.9	145.1	42.5	12.9	10.52	180.2	52.8	137.5	40.3	16.6	7.90	158.4	46.4	146.2	42.9	16.2	7.07
		52230	7000	3304	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	59.64	80	86	234.95	68.9	166.3	48.7	15.5	10.83	206.9	60.6	155.7	45.6	20.1	7.87	182.49	53.5	165.6	48.5	19.7	7.05
		52240	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	67.11	88	102.6	239.5	70.2	171	50.1	14.7	11.46	213.2	62.5	161.3	47.3	19.2	8.39	187.29	54.9	171.4	50.2	18.8	7.49
		52270	8000	3776	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	67.11	88	102.6	270.96	79.4	192.1	56.3	17.3	11.53	235.8	69.1	178.9	52.4	22.6	8.19	209.18	61.3	190.8	55.9	22	7.42
		52300	9100	4295	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	72.65	88	106.6	306.77	89.9	217.7	63.8	19.2	12.08	267.5	78.4	202.8	59.4	24.4	8.74	237.15	69.5	216.3	63.4	23.9	7.88
		52340	10500	4956	380-415V/3Ph/50Hz	Propeller Direct Drive	Hermetic Scroll	72.65	88	106.6	345	101.1	245.3	71.9	24	11.01	306.5	89.8	230.8	67.6	29.8	8.25	271.44	79.6	245.9	72.1	29	7.47

- Note :**
- Total Capacity is the Gross Capacity which does not include the Evap. Motor Heat.
 - EER calculated based on total power input of the Unit.
 - For further details refer to the product technical data catalogue.

VRF

-VRF Indoor Units
-VRF Outdoor Units

Main Features and Technology

High COP/EER values:

The highest COP value of Specter Series can reach up to 5.60 for heating mode and 4.7 for cooling mode.

Wide range of outdoor units:

The outdoor units capacity range from 8HP up to 72HP in 2HP increment. Maximum 64 indoor units with capacity of up to 130% of total outdoor units can be connected in one refrigeration system.

Wide operation range:

Specter Series operates stable under extreme conditions, ranging from minus 20°C to 54°C.

All DC inverter technology:

All DC inverter compressors make the capacity output better distributed, and always work at a wide Flexible range of frequency which is the most efficient range in the industry.

Maximum total piping

12 types and more than 100 models of VRF indoor units.



VRF - Indoor Units



One Way Cassette Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	2.8	FSV-D28Q1/N1-C	2.8	1.9	2.95	1.9	2.4	1.8333	500/450/410	36/34/30	1050x18x470	
3.6	FSV-D36Q1/N1-C	3.6	2.4	3.75	2.35	3.067	2.167	500/450/410	36/34/30	1050x18x470		
4.5	FSV-D45Q1/N1-C	4.5	2.9	4.65	2.95	3.867	2.667	894/800/750	41/38/35	1420x10x755		
5.6	FSV-D56Q1/N1-C	5.6	3.4	5.75	3.45	4.8333	3.1	919/850/760	41/38/35	1420x10x755		
7.1	FSV-D71Q1/N1-C	7.1	4.5	7.3	4.2	6.1	4.1	1080/980/900	41/38/35	1420x10x755		

Two Way Cassette Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	2.2	FSV-D22Q2/N1	2.2	1.5	2.25	1.4	1.9	1.4333	654/530/410	33/29/24	1430x90x680	
2.8	FSV-D28Q2/N1	2.8	1.9	2.95	1.9	2.4	1.8333	654/530/410	36/32/29	1430x90x680		
3.6	FSV-D36Q2/N1	3.6	2.4	3.75	2.35	3.066	2.1667	725/591/458	36/32/29	1430x90x680		
4.5	FSV-D45Q2/N1	4.5	2.9	4.65	2.95	3.8667	2.667	850/670/550	39/35/30	1430x90x680		
5.6	FSV-D56Q2/N1	5.6	3.4	5.75	3.45	4.833	3.1	980/800/670	39/35/30	1430x90x680		
7.1	FSV-D71Q2/N1	7.1	4.5	7.3	4.2	6.1	4.1	1200/1000/770	44/40/34	1430x90x680		

Compact Four Way Cassette Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	2.2	FSV-D22Q4/N1-A3	2.2	1.6	2.25	1.55	1.9	1.533	522/414/313	35.8/33.4/23.4 35.8/	647*50*647	
2.8	FSV-D28Q4/N1-A3	2.8	1.9	2.95	1.9	2.4	1.8333	522/414/313	35.8/33.4/23.4	647*50*647		
3.6	FSV-D36Q4/N1-A3	3.6	2.4	3.75	2.35	3.066	2.1667	610/521/409	41.5/35.6/28.8	647*50*647		
4.5	FSV-D45Q4/N1-A3	4.5	2.9	4.65	2.95	3.8667	2.667	610/521/409	41.5/35.6/28.8	647*50*647		

Four Way Cassette

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	2.8	FSV-D28Q4/N1-D	2.8	1.9	2.95	1.9	2.4	1.8333	847/766/640	42/38/35	950x46x950	
3.6	FSV-D36Q4/N1-D	3.6	2.4	3.75	2.35	3.0667	2.1667	847/766/640	42/38/35	950x46x950		
4.5	FSV-D45Q4/N1-D	4.5	2.9	4.65	2.95	3.8667	2.667	864/755/658	42/38/35	950x46x950		
5.6	FSV-D56Q4/N1-D	5.6	3.4	5.75	3.45	4.833	3.1	864/755/658	42/38/35	950x46x950		
7.1	FSV-D71Q4/N1-D	7.1	4.5	7.3	4.2	6.1	4.1	1157/955/749	45/42/39	950x46x950		
8.0	FSV-D80Q4/N1-D	8.0	5.5	8.2	5.15	6.9	5.033	1236/973/729	45/42/39	950x46x950		
9.0	FSV-D90Q4/N1-D	9.0	5.9	9.3	5.5	7.667	5.4667	1540/1300/1120	48/45/43	950x46x950		
10.0	FSV-D100Q4/N1-D	10	7	10.3	6.65	8.533	6.433	1540/1300/1120	48/45/43	950x46x950		
11.2	FSV-D112Q4/N1-D	11.2	7.2	11.5	6.85	9.533	6.8	1540/1300/1120	48/45/43	950x46x950		
14.0	FSV-D140Q4/N1-D	14	9	14.45	8.55	11.933	8.2	1800/1500/1280	50/47/44	950x46x950		

Low Static Pressure Ducted Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	1.8	FSV-D18T3/N1-B	1.8	1.2	1.85	1.15	1.5667	1.2	446/323/250	33/27/21	850x190x405	
2.2	FSV-D22T3/N1-B	2.2	1.5	2.25	1.4	1.9	1.4333	446/323/250	34/29/21	850x190x405		
2.8	FSV-D28T3/N1-B	2.8	1.9	2.95	1.9	2.4	1.8333	527/359/267	36/34/30	850x190x405		
3.6	FSV-D36T3/N1-B	3.6	2.4	3.75	2.35	3.0666	2.1667	527/359/267	36/34/30	850x190x405		
4.5	FSV-D45T3/N1-B	4.5	2.9	4.65	2.95	3.8667	2.667	767/634/512	37/35/31	1030x190x430		
5.6	FSV-D56T3/N1-B	5.6	3.4	5.75	3.45	4.833	3.1	767/634/512	37/35/31	1030x190x430		

VRF - Indoor Units



Concealed Ducted Units

	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw)		Sensible Capacity (Kw)		Total Capacity (Kw)		Sensible Capacity (Kw)		CFM (m3/h) (H/M/L)	Indoor Noise Level		Panel Dimensions (mm) (WxHxD)	Model Image
			T1 (35 Otd / 27 Ind)	T1 (35 Otd / 27 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 Design (46 Out / 24 Ind)	T3 Design (46 Out / 24 Ind)	Db (A) (H/M/L)	Db (A) (H/M/L)					
R-410A	2.2	FSV-D22T2/N1-BA5	2.2	1.6	2.25	1.55	1.9	1.5333	570/530/410/320	38/35/32	700x210x635				
	2.8	FSV-D28T2/N1-BA5	2.8	2.1	2.95	2.05	2.4	1.9667	570/530/410/320	38/35/32	700x210x635				
	3.6	FSV-D36T2/N1-BA5	3.6	2.6	3.75	2.55	3.15	2.3667	570/530/410/320	40/38/36	700x210x635				
	4.5	FSV-D45T2/N1-BA5	4.5	3.2	4.65	3.1	3.8667	2.9	958/850/667/583	41/38.9/36	920x210x635				
	5.6	FSV-D56T2/N1-BA5	5.6	3.7	5.75	3.6	4.833	3.4	958/850/667/583	41/38.9/36	920x210x635				
	7.1	FSV-D71T2/N1-CA5	7.1	4.9	7.3	4.55	6.1	4.433	1314/998/820/607	42/40/35	1140x210x635				
	8.0	FSV-D80T2/N1-BA5	8.0	5.5	8.2	5	6.9	5.7	1400/1226/1018	45.4/39.8/37	1140x270x775				
	9.0	FSV-D90T2/N1-BA5	9.0	6.4	9.3	6	7.667	5.9667	1400/1226/1018	45.4/39.8/37	1140x270x775				
	11.2	FSV-D112T2/N1-BA5	11.2	7.8	11.5	7.5	9.533	7.4	1750/1752/1552	48.0/41.9/38	1140x270x775				
	14.0	FSV-D140T2/N1-BA5	14.0	9.8	14.45	9.3	11.933	8.9333	2138/1918/1539	47.7/43.2/39.0	1200x300x86				

High Static Pressure Ducted Units

	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw)		Sensible Capacity (Kw)		Total Capacity (Kw)		Sensible Capacity (Kw)		CFM (m3/h) (H/M/L)	Indoor Noise Level		Panel Dimensions (mm) (WxHxD)	Model Image
			T1 (35 Otd / 27 Ind)	T1 (35 Otd / 27 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 Design (46 Out / 24 Ind)	T3 Design (46 Out / 24 Ind)	Db (A) (H/M/L)	Db (A) (H/M/L)					
R-410A	7.1	FSV-D71T1/N1-B	7.1	5.3	7.3	4.9	6.1	4.8	1510/1399/1236	48/46/44	856*420*690				
	8	FSV-D80T1/N1-B	8	5.7	8.25	5.2	6.8	6.1	1500/1396/1221	48/46/44.5	856*420*690				
	9	FSV-D90T1/N1-B	9	6.9	9.3	6.5	7.667	6.4	1936/1721/1511	52/49/47	856*420*690				
	11.2	FSV-D112T1/N1-B	11.2	8.5	11.5	8.1	9.533	7.933	2117/1950/1644	52/49/47	856*420*690				
	14	FSV-D140T1/N1-B	14	10.6	14.45	10.05	11.933	9.667	2988/2670/2229	53/50/48	1200*400*600				
	16.0	FSV-D160T1/N1-B	16	12.1	16.45	11.45	13.667	11.033	3890/3200/2700	54/52/50	1200*400*600				
	20.0	FSV-D200T1/N1-B	20.0	15.1	20.6	14.35	17.0667	13.8	4268/3780/3200	59/55/52	1356*470*763				
	25.0	FSV-D250T1/N1-B	25.0	17.5	25.75	16.15	21.3667	18.533	4280/3820/3200	59/55/52	1356*470*763				
	28.0	FSV-D280T1/N1-B	28.0	19.6	28.85	18.05	23.9	21.6	4400/3708/3200	59/55/52	1356*470*763				
	40.0	FSV-D400T1/N1	40.0	30.2	41.2	28	34.133	32.1	7468/6047/4989	61/59/56	1970*668*858.5				

Wall Mounted S Units

	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw)		Sensible Capacity (Kw)		Total Capacity (Kw)		Sensible Capacity (Kw)		CFM (m3/h) (H/M/L)	Indoor Noise Level		Panel Dimensions (mm) (WxHxD)	Model Image
			T1 (35 Otd / 27 Ind)	T1 (35 Otd / 27 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 Design (46 Out / 24 Ind)	T3 Design (46 Out / 24 Ind)	Db (A) (H/M/L)	Db (A) (H/M/L)					
R-410A	2.2	FSV-D22G/N1-S	2.2	1.5	2.25	1.4	1.9	1.4333	525/480/430	35/32/29	915x290x230				
	2.8	FSV-D28G/N1-S	2.8	1.9	2.95	1.9	2.4	1.8333	525/480/430	35/32/29	915x290x230				
	3.6	FSV-D36G/N1-S	3.6	2.4	3.75	2.35	3.0666	2.1667	590/520/480	35/32/29	915x290x230				
	4.5	FSV-D45G/N1-S	4.5	2.9	4.65	2.95	3.8667	2.667	860/755/630	40/38/34	1072x315x230				
	5.6	FSV-D56G/N1-S	5.6	3.4	5.75	3.45	4.833	3.1	925/860/755	40/38/34	1072x315x230				

Wall Mounted C Units

	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw)		Sensible Capacity (Kw)		Total Capacity (Kw)		Sensible Capacity (Kw)		CFM (m3/h) (H/M/L)	Indoor Noise Level		Panel Dimensions (mm) (WxHxD)	Model Image
			T1 (35 Otd / 27 Ind)	T1 (35 Otd / 27 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 Design (46 Out / 24 Ind)	T3 Design (46 Out / 24 Ind)	Db (A) (H/M/L)	Db (A) (H/M/L)					
R-410A	2.2	FSV-D22G/N1-S	2.2	1.5	2.25	1.4	1.9	1.4333	520/480/430	35/32/29	915x290x210				
	2.8	FSV-D28G/N1YB	2.8	1.9	2.95	1.9	2.4	1.8333	520/480/430	35/32/29	915x290x210				
	3.6	FSV-D36G/N1YB	3.6	2.4	3.75	2.35	3.0666	2.1667	520/480/430	35/32/29	915x290x210				
	4.5	FSV-D45G/N1YB	4.5	2.9	4.65	2.95	3.8667	2.667	860/755/630	40/38/34	1070x315x210				
	5.6	FSV-D56G/N1YB	5.6	3.4	5.75	3.45	4.833	3.1	925/860/755	40/38/34	1070x315x210				

Wall Mounted R Units

	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw)		Sensible Capacity (Kw)		Total Capacity (Kw)		Sensible Capacity (Kw)		CFM (m3/h) (H/M/L)	Indoor Noise Level		Panel Dimensions (mm) (WxHxD)	Model Image
			T1 (35 Otd / 27 Ind)	T1 (35 Otd / 27 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 ESMA (46 Out / 29 Ind)	T3 Design (46 Out / 24 Ind)	T3 Design (46 Out / 24 Ind)	Db (A) (H/M/L)	Db (A) (H/M/L)					
R-410A	7.1	FSV-D71G-R3/N1Y	7.1	4.5	7.3	4.2	6.1	4.1	1190/880/680	47/43/42	1250x325x245				
	8.0	FSV-D80G-R3/N1Y	8	5.1	8.2	4.7	6.9	4.6	1320/840/640	48/43/38	1250x325x245				
	9.0	FSV-D90G-R3/N1Y	9	5.9	9.3	5.5	7.667	5.4667	1320/840/640	49/43/38	1250x325x245				

VRF - Indoor Units



Ceiling & Floor Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	3.6	FSV-D36DL/N1-C	3.6	2.4	3.75	2.35	3.0667	2.1667	650/570/500	40/38/36	990x660x206	
4.5	FSV-D45DL/N1-C	4.5	2.9	4.65	2.95	3.8667	2.667	800/600/500	43/41/38	990x660x206		
5.6	FSV-D56DL/N1-C	5.6	3.4	5.75	3.45	4.833	3.1	800/600/500	43/41/38	990x660x206		
7.1	FSV-D71DL/N1-C	7.1	4.5	7.3	4.2	6.1	4.1	800/600/500	43/41/38	990x660x206		
8.0	FSV-D80DL/N1-C	8.0	5.5	8.2	5.15	6.9	5.033	1200/900/700	45/43/40	1280x660x206		
9.0	FSV-D90DL/N1-C	9.0	5.9	9.3	5.5	7.667	5.4667	1200/900/700	45/43/40	1280x660x206		
11.2	FSV-D112DL/N1-C	11.2	7.2	11.5	6.85	9.533	6.9	1980/1860/1730	47/45/42	1670x680x244		
14.0	FSV-D140DL/N1-C	14.0	9	14.45	8.55	11.933	8.2	1980/1860/1730	47/45/42	1670x680x244		
16.0	FSV-D160DL/N1-C	16.0	11.2	16.45	10.35	13.667	11.8667	1980/1860/1730	47/45/42	1670x680x285		

Concealed Floor Stand Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	2.2	FSV-D22Z/N1-F1B	2.2	1.5	2.25	1.4	1.9	1.4333	530/456/400	36/33/29	1000x625x220	
2.8	FSV-D28Z/N1-F1B	2.8	1.9	2.95	1.9	2.4	1.8333	569/485/421	36/33/29	1000x625x220		
3.6	FSV-D36Z/N1-F1B	3.6	2.4	3.75	2.35	3.0667	2.1667	624/522/375	37/34/30	1200x625x220		
4.5	FSV-D45Z/N1-F1B	4.5	2.9	4.65	2.95	3.8667	2.667	660/542/440	37/34/30	1200x625x220		
5.6	FSV-D56Z/N1-F1B	5.6	3.4	5.75	3.45	4.833	3.1	1150/970/830	41/35/31	1500x625x220		
7.1	FSV-D71Z/N1-F1B	7.1	4.5	7.3	4.2	6.1	4.1	1380/1100/870	44/39/33	1500x625x220		
8.0	FSV-D80Z/N1-F1B	8.0	5.5	8.2	5.15	6.9	5.033	1380/1100/870	44/39/33	1500x625x220		

New Exposed Floor Stand Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	2.2	FSV-D22Z/N1-F4	2.2	1.5	2.25	1.4	1.9	1.4333	530/456/400	36/33/29	1000x625x220	
2.8	FSV-D28Z/N1-F4	2.8	1.9	2.95	1.9	2.4	1.8333	569/485/421	36/33/29	1000x625x220		
3.6	FSV-D36Z/N1-F4	3.6	2.4	3.75	2.35	3.0667	2.1667	624/522/375	37/34/30	1200x625x220		
4.5	FSV-D45Z/N1-F4	4.5	2.9	4.65	2.95	3.8667	2.667	660/542/440	37/34/30	1200x625x220		
5.6	FSV-D56Z/N1-F4	5.6	3.4	5.75	3.45	4.833	3.1	1150/970/830	41/35/31	1500x625x220		
7.1	FSV-D71Z/N1-F4	7.1	4.5	7.3	4.2	6.1	4.1	1380/1100/870	44/39/33	1500x625x220		
8.0	FSV-D80Z/N1-F4	8.0	5.5	8.2	5.15	6.9	5.033	1380/1100/870	44/39/33	1500x625x220		

Console Units

R-410A	Indoor Capacity (Kw)	Model Name	Total Capacity (Kw) T1 (35 Otd / 27 Ind)	Sensible Capacity (Kw) T1 (35 Otd / 27 Ind)	Total Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Sensible Capacity (Kw) T3 ESMA (46 Out / 29 Ind)	Total Capacity (Kw) T3 Design (46 Out / 24 Ind)	Sensible Capacity (Kw) T3 Design (46 Out / 24 Ind)	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	2.2	FSV-D22Z/DN-B	2.2	1.5	2.25	1.4	1.9	1.4333	430/345/229	38/32/26	700x600x210	
2.8	FSV-D28Z/DN-B	2.8	1.9	2.95	1.9	2.4	1.8333	510/430/229	39/33/27	700x600x210		
3.6	FSV-D36Z/DN-B	3.6	2.4	3.75	2.35	3.0667	2.1667	510/430/229	39/33/27	700x600x210		
4.5	FSV-D45Z/DN-B	4.5	2.9	4.65	2.95	3.8667	2.667	660/512/400	42/39/36	700x600x210		

Fresh Air Process Units

R-410A	Indoor Capacity (Kw)	Model Name	CFM (m3/h) (H/M/L)	Indoor Noise Level Db (A) (H/M/L)	Panel Dimensions (mm) (WxHxD)	Model Image
	12.5	FSV-D125T1/N1-FA	1700/1350/1050	54/52/50	1368x420x691	
14	FSV-D140T1/N1-FA	1700/1350/1050	54/52/50	1368x420x691		
20	FSV-D200T1/N1-FA	3150/2650/2300	54/53/51	1443x470x810		
25	FSV-D250T1/N1-FA	3300/2850/2500	55/54/52	1443x470x810		
28	FSV-D280T1/N1-FA	3300/2850/2500	55/54/52	1443x470x810		

VRF - Outdoor Units



Sr. No.	MODEL	HP	CR (%)	TC (Kw) Nominal (Outd 35 & Ind 27)	Power Input (kW) (Outd 35 & Ind 27)	EER (Kw/PI)	TC (Kw) ESMA (Outd 46 & Ind 29)	Power Input (kW) (Outd 46 & Ind 29)	EER (Kw/PI)	TC (Kw) DESIGN (Outd 46 & Ind 24)	Power Input (kW) (Outd 46 & Ind 24)	EER (Kw/PI)	Air Flow Rat m3/h	Sound Prssure Level Db (A)	Net Dimensions mm
1)	MV5-X252W/V2GN1	8	100	25.2	5.36	4.701492537	24.23	5.3	4.571698113	21.3	5.3	4.018867925	12000	58	990×1635×790
2)	MV5-X280W/V2GN1	10	100	28.0	6.22	4.501607717	26.8667	7.04	3.816292614	23.72	6.125	3.872653061	12000	59	990×1635×790
3)	MV5-X335W/V2GN1	12	100	33.5	7.79	4.300385109	32.16	8.825	3.644192635	28.365	7.7	3.683766234	12000	60	990×1635×790
4)	MV5-X400W/V2GN1	14	100	40.0	9.3	4.301075269	38.36	10.53	3.642924976	33.85	9.2	3.679347826	14000	62	1340×1635×790
5)	MV5-X450W/V2GN1	16	100	45.0	10.98	4.098360656	43.2	12.44	3.47266881	38.15	10.855	3.514509443	14000	62	1340×1635×790
6)	MV5-X500W/V2GN1	18	100	50.0	12.82	3.900156006	48.05	14.52	3.30922865	42.35	12.65	3.347826087	16000	63	1340×1635×790
7)	MV5-X560W/V2GN1	20	100	56.0	14.51	3.859407305	53.81	16.43	3.275106512	47.45	14.35	3.306620209	16000	63	1340×1635×790
8)	MV5-X615W/V2GN1	22	100	61.5	16.44	3.740875912	59.0	18.62	3.168635875	52.1	16.26	3.204182042	16000	63	1340×1635×790
9)	MV5-X670W/V2GN1	24	100	67.0	15.58	4.300385109	64.32	17.65	3.644192635	56.73	15.4	3.683766234	24000	64	(990×1635×790)×2
10)	MV5-X730W/V2GN1	26	100	73.0	17.2	4.244186047	70.0667	19.48	3.596853183	61.87	16.98	3.643698469	26000	65	990×1635×790+1340×1635×790
11)	MV5-X780W/V2GN1	28	100	78.0	19.04	4.096638655	74.9167	21.56	3.474800557	66.07	18.775	3.519041278	28000	65	990×1635×790+1340×1635×790
12)	MV5-X840W/V2GN1	30	100	84.0	20.73	4.052098408	80.6767	23.47	3.437439284	71.17	20.475	3.475946276	28000	65	990×1635×790 + 1340×1635×790
13)	MV5-X895W/V2GN1	32	100	89.5	22.66	3.949691086	85.9	25.66	3.346325019	75.82	22.385	3.387089569	28000	65	990×1635×790 + 1340×1635×790
14)	MV5-X950W/V2GN1	34	100	95.0	24.23	3.920759389	91.2	27.445	3.321552195	80.465	23.96	3.358305509	28000	65	990×1635×790 + 1340×1635×790
15)	MV5-X1000W/V2GN1	36	100	100	25.64	3.900156006	96.1	29.04	3.30922865	84.7	25.3	3.347826087	32000	66	(1340×1635×790) x 2
16)	MV5-X1065W/V2GN1	38	100	106.5	27.42	3.884026258	102.2	31.06	3.290405666	90.25	27.115	3.328416006	30000	66	1340×1635×790 + 1340×1635×790
17)	MV5-X1115W/V2GN1	40	100	111.5	29.26	3.810663021	107.1	33.14	3.230235365	94.45	28.91	3.267035628	32000	66	1340×1635×790 + 1340×1635×790
18)	MV5-X1175W/V2GN1	42	100	117.5	30.95	3.79644588	112.8	35.05	3.218544936	99.55	30.61	3.252205162	32000	66	1340×1635×790 + 1340×1635×790
19)	MV5-X1230W/V2GN1	44	100	123.0	32.89	3.739738522	118.0	37.24	3.168635875	104.2	32.52	3.204182042	32000	66	(1340×1635×790) x 2
20)	MV5-X1285W/V2GN1	46	100	128.5	32.03	4.011863878	123.32	36.27	3.400055142	108.83	31.66	3.437460518	40000	66	(990×1635×790) x 2 + 1340×1635×790
21)	MV5-X1345W/V2GN1	48	100	134.5	33.64	3.998216409	129.1	38.1	3.387577428	118.615	34.815	3.407008473	42000	67	990×1635×790 + 1340×1635×790 + 1340×1635×790
22)	MV5-X1395W/V2GN1	50	100	139.5	35.49	3.9306847	133.9	40.18	3.332919363	118.17	35.035	3.372912801	42000	67	990×1635×790 + 1340×1635×790 + 1340×1635×790
23)	MV5-X1455W/V2GN1	52	100	145.5	37.17	3.914447135	139.7	42.1	3.31852459	123.27	36.735	3.35565537	44000	67	990×1635×790 + 1340×1635×790 + 1340×1635×790
24)	MV5-X1510W/V2GN1	54	100	151	39.11	3.860905139	144.9	44.28	3.271605691	127.92	38.645	3.310130677	44000	67	990×1635×790 + (1340×1635×790) x 2
25)	MV5-X1565W/V2GN1	56	100	156.5	40.68	3.847099312	150.2	46.065	3.259741669	132.565	40.22	3.295997016	44000	67	990×1635×790 + (1340×1635×790) x 2
26)	MV5-X1615W/V2GN1	58	100	161.5	42.08	3.837927757	155.1	47.66	3.254301301	136.8	41.56	3.291626564	48000	68	(1340×1635×790) x 2 + 1340×1635×790
27)	MV5-X1680W/V2GN1	60	100	168	43.86	3.830369357	161.2	49.68	3.244766506	142.35	43.375	3.28184438	46000	68	1340×1635×790 +(1340×1635×790) x 2
28)	MV5-X1730W/V2GN1	62	100	173	45.71	3.784729818	166.1	51.8	3.208075734	146.55	45.17	3.244410007	48000	68	1340×1635×790 + (1340×1635×790) x 2
29)	MV5-X1790W/V2GN1	64	100	179	47.4	3.776371308	171.8	53.7	3.201229737	151.65	46.87	3.235545125	48000	68	1340×1635×790 + (1340×1635×790) x 2
30)	MV5-X1845W/V2GN1	66	100	184.5	49.33	3.740117576	177.0	55.9	3.168635875	156.3	48.78	3.204182042	48000	68	(1340×1635×790) x 3

R-410A

VRF - Outdoor Units



R-410A	Sr. No.	MODEL	HP	CR (%)	TC (Kw) Nominal (Outd 35 & Ind 27)	Power Input (kW) (Outd 35 & Ind 27)	EER (Kw/PI)	TC (Kw) ESMA (Outd 46 & Ind 29)	Power Input (kW) (Outd 46 & Ind 29)	EER (Kw/PI)	TC (Kw) DESIGN (Outd 46 & Ind 24)	Power Input (kW) (Outd 46 & Ind 24)	EER (Kw/PI)	Air Flow Rat m3/h	Sound Prssure Level Db (A)	Net Dimensions mm
	31)	MV5-X1900W/V2GN1	68	100	190.0	48.47	3.919950485	182.3	54.89	3.321552195	160.93	47.92	3.358305509	48000	68	(990×1635×790) x 2 + (1340×1635×790) x 2
32)	MV5-X1960W/V2GN1	70	100	196	50.09	3.912956678	188.1	56.7	3.315703456	170.715	51.075	3.342437592	56000	68	990×1635×790 + 1340×1635×790 + (1340×1635×790) x 2	
33)	MV5-X2010W/V2GN1	72	100	201	51.93	3.870595032	192.9	58.8	3.280896259	170.27	51.295	3.319426845	60000	69	990×1635×790 + 1340×1635×790 + (1340×1635×790) x 2	
34)	MV5-X2070W/V2GN1	74	100	207	53.62	3.860499814	198.7	60.7	3.272553121	175.37	52.995	3.309180111	60000	69	990×1635×790 + 1340×1635×790 + (1340×1635×790) x 2	
35)	MV5-X2125W/V2GN1	76	100	212.5	55.55	3.825382538	203.8667	62.9	3.241124006	180.02	54.905	3.278754212	60000	69	990×1635×790 + (1340×1635×790) x 3	
36)	MV5-X2180W/V2GN1	78	100	218	57.12	3.816526611	209.16	64.685	3.233516271	184.665	56.48	3.269564448	60000	69	990×1635×790 + (1340×1635×790) x 3	
37)	MV5-X2230W/V2GN1	80	100	223	58.53	3.81001196	214.1	66.28	3.230235365	188.9	57.82	3.267035628	64000	70	(1340×1635×790) x 2 + (1340×1635×790) x 2	
38)	MV5-X2295W/V2GN1	82	100	229.5	60.31	3.805339081	220.2	68.3	3.224011713	194.45	59.635	3.26066907	62000	70	1340×1635×790 + (1340×1635×790) x 3	
39)	MV5-X2345W/V2GN1	84	100	234.5	62.15	3.773129525	225.05	70.38	3.197641375	198.65	61.43	3.233762006	64000	70	1340×1635×790 + (1340×1635×790) x 3	
40)	MV5-X2405W/V2GN1	86	100	240.5	63.84	3.767230576	230.81	72.29	3.192834417	203.75	63.13	3.227467131	64000	70	1340×1635×790 + (1340×1635×790) x 3	
41)	MV5-X2460W/V2GN1	88	100	246	65.78	3.739738522	236	74.48	3.168635875	208.4	65.04	3.204182042	64000	70	(1340×1635×790) x 4	



- Note :**
- Capacity based on 100% combination rate.
 - For further details refer to the product technical data catalogue.

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