



ROOM AIR CONDITIONERS

Introduction

The Room Air Conditioning range, specifically designed for small to medium sized areas, is, like all our air conditioning systems, the result of an extensive research and development program developed since 1958. Our innovative products offer the ideal solution when you need quiet, efficient room air conditioning to create a comfortable environment within a realistic budget. The latest generation of SAP models are among the most technically advanced and energy-efficient systems available today and are backed by SANYO's renowned reliability and customer service.

In addition to 1:1 Split systems, SANYO also produce the Flexi Multi - an advanced range of R410A DC inverter Heat Pump Multi Split Systems. Either 2, 3 or 4 indoor units can be connected to a single outdoor unit of 4.0kW, 6.8kW or 8.0kW.

2008 sees further improvements to the range. Our new Wall Mounted Units not only offer better performance but are also more stylish, making them a welcome addition to any design-conscious home.

For example the sleek, high-performance Mini Shiki Sai Kan comes with a choice of 5 stylish panel colours. Our extended range for 2008 also includes better performance, more efficient comfort heating and cooling systems.

Benefits

Environmentally friendly

The SAP range utilises the non-ozone-depleting R410A refrigerant, which means you can benefit from a comfortable environment without compromising the environment.

Increased efficiency

Innovations in the system mean that the SANYO range of room conditioners deliver market-leading efficiency.

Cost-effective running

Increased efficiency also means lower energy consumption and lower operating costs for you.

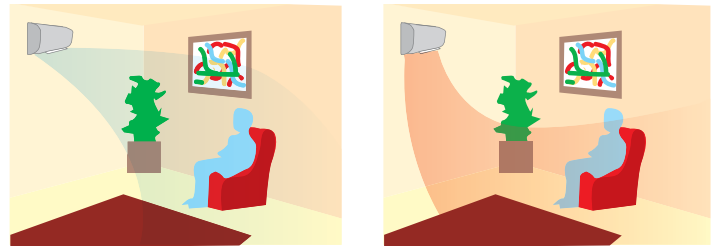
Quiet operation

Our leading technology means you can enjoy the benefits of air conditioning without the noise.

Stylish design

All our range is designed to look good in any environment, but for the ultimate in style the new Shiki Sai Kan and Mini Shiki Sai Kan come with a choice of front panels to match any interior décor.

SANYO Air Conditioners provide comfort cooling and heating











Energy		Air conditioning	Product Type
Manufacturer		SANYO	
External Unit		SAP	Reference
Internal Unit		SAP	
More Efficient		A	Energy C class There are seven classes, from "A" to "G".
A			
B			
C			
D			
E			
F			
G			
Less Efficient			
Annual energy consumption in cooling mode KWh/year (Annual consumption depends on climate and how the unit is used)		***	Annual energy consumption The annual energy consumption is calculated by multiplying the consumption at full cooling capacity by an average of 500 hours of operation.
Cooling output KW		***	Energy efficiency ratio The higher the numerical value of this ratio, the more efficient is the air conditioning unit.
Energy efficiency ratio Full load (the higher the better)		***	
Type			Climate
Cooling Only	—		
Cooling + Heating	←		
Air Cooled	—		
Water Cooled	—		
Heat Output KW		***	
Heating Performance A: higher G: lower		ABCDEF G	
Noise (dB(A) re 1 pW)		** **	Product noise Inside Outside
Further information is contained in product brochures.			
Norm EN 814 Air-Conditioner Energy Label Directive 2002/31/EC			

R410A







SAP R410A units are highly rated on EEL, which confirms that they are amongst the most energy-efficient systems available. Power consumption during operation is substantially less than that of lower rated units and consequently both the day-to-day running costs and full life cycle costs are significantly reduced.

Room Air Conditioners - Overview







Inverter Systems

						
Page	Capacity	kW	2.65	3.5	5.1	7.1
14		Shiki Sai Kan - wall mounted unit	•	•		
16		Mini Shiki Sai Kan - wall mounted unit	•	•		
18	NEW 	KRV Type Inverter - wall mounted unit	•	•	•	•
19	NEW 	XRV Type - 4 way cassettes	•	•	•	
20	NEW 	F/FT Inverter - floor & ceiling mounted units	•	•	•	•
21	NEW 	URV Type - concealed duct	•	•	•	•

Constant Speed ON/OFF systems

						
Page	Capacity	kW	2.65	3.5	5.1	6.4
24	NEW 	KR Type 7 Series - wall mounted unit	•	•		
25		KR Type 4 Series - wall mounted unit	•	•	•	•
26		XR Type - 4 way cassette	•	•	•	
27		F/FT Type - floor & ceiling mounted units	•	•	•	•
28		UR Type - concealed duct	•	•	•	•

Multi-Split systems

		Multiple combination possible					
Page	Capacity	kW	2.2	2.65	3.5	5.1	7.1
31		Mini Shiki Sai Kan - wall mounted unit		•	•		
32	NEW 	K Type 6 Series - wall mounted unit	•	•	•	•	•
33		XMR Type - 4 way cassette		•	•	•	
34		F/FT Type - floor & ceiling mounted units		•	•	•	•
z		UMR Type - concealed duct		•	•	•	•

Shiki Sai Kan - wall mounted unit

SAP-KRV94EHDX SAP-KRV124EHDX



Outdoor unit



Remote

SANYO's Shiki Sai Kan model incorporates cutting-edge technology. This includes the industry's top-class energy-saving design, a wide array of airflow control options and heating/cooling operation down to -15°C.

- Amazing performance in energy-saving: COP up to 5.0
- No reverse cycle defrost. Utilises hot gas injection defrosting, for non-stop heating operation
- Sleek & stylish panel design in a choice of 7 designer colours, silver available as standard
- Super quiet mode: 22 dB(A)
- LED photocatalytic sterilisation function features high-performance odour, germ and bacteria filters
- Negative ions generator helps clean the air of pollutants and is beneficial to health
- Air clean apatite filter
- 3D air flow
- Cooling and heating down to -15°C
- Night set back - economy mode function ensures gentle and energy-saving cooling and heating
- Multifunctional wireless remote control with built-in temperature sensor
- Automatic retractable panel to improve air flow, efficiency and reduce sound levels

6 colour choices (options)



SPN-EXR(K)
Black



SPN-EXR(D)
Orange



SPN-EXR(R)
Red



SPN-EXR(N)
Gold



SPN-EXR(T)
Brown



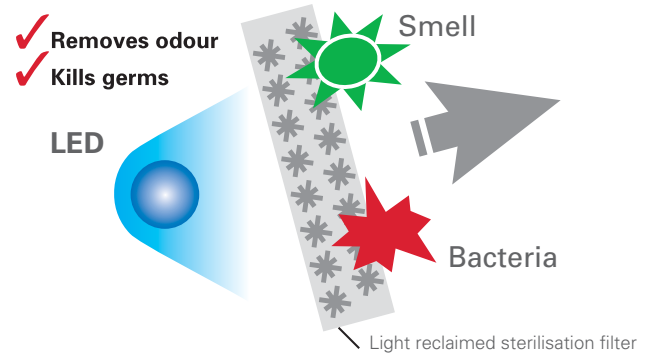
SPN-EXR(W)
White

Air Clean Apatite Filter

Apatite or calcium phosphate is highly effective in trapping germs, mites, pollen, dirt and dust, as well as cigarette odour. The triple layered air clean apatite filter consists of antibacterial, deodourising and dust collecting sections that maintain healthy, clean air in your room.

Photocatalytic sterilisation

The light reclaimed sterilisation filter attracts airborne bacteria, germs and allergens, and inactivates these pollutants with LED irradiation.



Negative Ions Generator

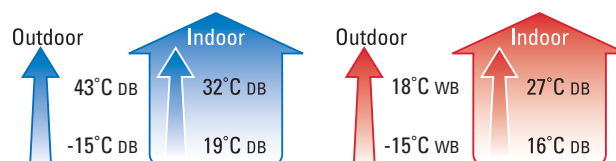
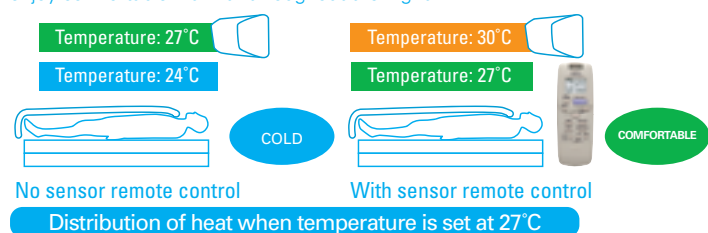




Built-in temperature sensor

The temperature sensor incorporated into the remote control monitors the temperature around you.

Place the sensor remote control at your bedside so that you can enjoy comfortable warmth throughout the night.



		INVERTER HEAT PUMP			
		size 94		size 124	
Performance		Cooling	Heating	Cooling	Heating
Capacity	kW	2.65 (0.90-3.80)*	3.60 (0.90-5.50)*	3.50 (0.90-4.20)*	4.80 (0.90-6.00)*
Power input	W	250-530-1350	250-720-1450	250-875-1435	250-1140-1545
EER/COP		5.00	5.00	4.00	4.21
Energy class		A	A	A	A
Total	kW	2.55	3.2	3.37	4.3
Sensible	kW	2.3	-	2.7	-
Running current	A	2.4 (1.6-6.9)	3.3 (1.6-9.9)	4.0 (1.6-7.8)	5.2 (1.6-9.9)
Indoor Unit		SAP-KRV94EHDX		SAP-KRV124EHDX	
Air circulation	(H) m ³ /h	600		630	
Moisture removal	Litres/h	1.8	-	2.0	-
Sound pressure level (Quiet Mode/H/M/L)	dB(A)	22/39/38/30	22/40/38/30	22/40/38/30	22/41/38/30
Dimensions	(HxWxD) mm	300x898x200		300x898x200	
Net weight	kg	12.5		12.5	
Power supply	V,ph,Hz	220-240V/1ø 50Hz			
Outdoor Unit		SAP-CRV94EHDX		SAP-CRV124EHDX	
Sound power level	(H) dB(A)	67	68	68	69
Sound pressure level	(H) dB(A)	49	50	50	51
Dimensions	(HxWxD) mm	569x790x285			
Net weight	kg	40			
Power supply	V,ph,Hz	220-240V/1ø 50Hz			
Installation Data		size 94		size 124	
Pipe size function/discharge	Inches	1/4, 3/8			
Max piping length	m	15			
Precharged piping length	m	7.5			
Amount of additional refrigerant	g/m	15			
Max elevation difference - O.U. - I.U.	m	10			
Recommended fuse size	AMP	16			
Communication cables	mm	3 Core + Earth			
Power supply to		Indoor unit			

* Boost mode allowed to run for a maximum of 20 min.

Mini Shiki Sai Kan - wall mounted unit

SAP-KRV96EHDS SAP-KRV126EHDS

Following the success and popularity of the Shiki Sai Kan, SANYO have developed a smaller version. Not only stylish, it offers exceptional energy-saving performance: COP up to 4.31.

- Cooling and heating down to -15°C
- The LED photocatalytic sterilisation function ensures excellent performance to combat odours, germs and bacteria
- Automatic sweep control
- Apatite ceramic filter
- Multifunctional remote control with built-in temperature sensor
- Simple elegant design with panels available in 4 colour choice options.
- Clock with ON/OFF program timer
- Washable front panel
- Low noise levels: 22 dB(A) (quiet mode)
- Night set back/economy mode function ensures quiet and energy-saving cooling and heating



Outdoor unit



Remote



Retractable panel

During operation, the front panel of the air conditioning unit opens to guarantee the optimal distribution of air across the entire surface of the heat exchanger. This improves the uniformity of the airflow, as well as functional efficiency and operational noise levels. When the air conditioner is shut off, the panel automatically returns to the closed position, protecting the unit from dust.



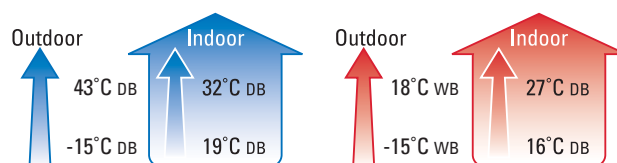
Negative ions generator

The negative ions generator fills and revitalises your room with healthy negative ions throughout the year. Negative ions help clean the air of pollutants and are beneficial to health.





Multi-function Remote Control



		INVERTER HEAT PUMP			
		Model 96		Model 126	
Performance		Cooling	Heating	Cooling	Heating
Capacity	kW	2.65 (0.9-3.6)	3.60 (0.9-4.9)	3.50 (0.9-3.6)	4.8 (0.9--5.9)
Power input	W	250-650-1040	250-650-1400	250-1090-1200	250-1165-1600
EER/COP		4.21	4.31	3.41	3.81
Energy class		A	A	A	A
Running current/AMPs	A	3.3 (1.3-5.4)	4.0 (1.2-6.8)	4.8 (1.2-5.6)	5.8 (1.1-7.3)
Annual energy consumption (cooling)	kW	315	-	512.5	-
Power supply	V,ph,Hz	230, 1+N, 50 outdoor unit			
Indoor Unit		SAP-KRV96EHDS		SAP-KRV126EHDS	
Air circulation	(H) m³/h	480	480	500	500
Moisture removal	Litres/h	1.6	-	2.0	-
Sound power level	(H) dB(A)	56	56	57	57
Sound pressure level	(Quiet/L/M/H) dB(A)	22/28/35/41	22/28/35/41	22/28/35/42	22/29/36/42
Dimensions	(HxWxD) mm	265x789x180		265x789x180	
Net weight	kg	9.5		9.5	
Outdoor Unit		SAP-CRV96EHDS		SAP-CRV126EHDS	
Sound power level	(H) dB(A)	63	64	65	66
Sound pressure level	(H) dB(A)	45	46	47	48
Dimensions	(HxWxD) mm	565x790x265		565x790x265	
Net weight	kg	36		36	
Installation Data		Model 96		Model 126	
Pipe size function/discharge	Inches	1/4, 3/8		1/4, 3/8	
Max piping length	m	15		15	
Max elevation difference - O.U. - I.U.	m	7		7	
Chargeless piping length	m	7.5		7.5	
Amount of additional refrigerant	AMP	15		15	

KRV Type Inverter - wall mounted unit (6 Series)

R410A

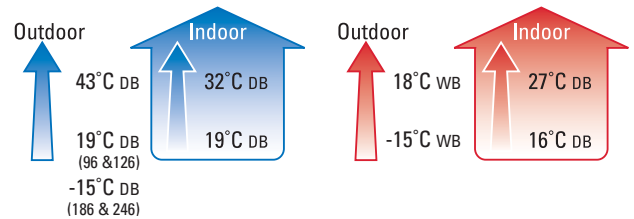
INVERTER Air Conditioner

SAP-KRV96EH SAP-KRV126EH SAP-KRV186EH SAP-KRV246EH

Ideal solution when you need quiet, energy-efficient and controllable room air conditioning.

- New stylish appearance and compact flat panel design
- Cooling and heating operation down to -15°C (size 186 & 246)
- DC inverter technology for precise temperature control
- Auto restart after power failure and auto changeover
- Powerful start function for rapid cooling/heating
- Washable and reusable air clean apatite filter
- Infrared remote control with 24 hour clock with ON/OFF program time
- Sleek multifunctional wireless remote control with built-in temperature control

NEW



INVERTER HEAT PUMP										
	size 96		size 126		size 186		size 246			
Performance	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating		
Capacity	kW 0.9-2.5-3.2		0.9-3.3-4.3		0.9-3.3-3.8		0.9-4.0-5.0		1.2-5.15-5.5	
Power input	W 250-775-1150		250-915-1360		250-1025-1300		250-1105-1470		250-1500-1800	
EER/COP	W/W 3.23		3.61		3.22		3.62		3.43	
Energy class	A		A		A		A		A	
Running amperes	A 1.26-3.92-5.81		1.21-4.42-6.57		1.14-4.69-5.95		1.14-5.06-6.73		1.20-6.90-8.40	
Annual energy consumption (cooling) kWh	387.5		512.5		750		1177.5			
Power supply	V,ph,Hz 230, 1+N, 50 outdoor unit									
Indoor Unit	SAP-KRV96EH		SAP-KRV126EH		SAP-KRV186EH		SAP-KRV246EH			
Air circulation (H)	m³/h 390		460		530		580		930	
Moister removal	Litres/h 1.4		-		1.8		-		2.3	
Sound power level (H)	dB(A) 59		59		61		61		59	
Sound pressure level (Quiet/L/M/H)	dB(A) 22/30/35/38		22/30/35/38		25/30/36/40		25/30/36/40		28/34/38/42	
Dimensions (HxWxD)	mm 285x825x213		285x825x213		285x825x213		298x1065x234		298x1065x234	
Net weight	kg 9.0		9.0		9.0		12.0		12.0	
Outdoor Unit	SAP-CRV96EH		SAP-CRV126EH		SAP-CRV186EH		SAP-CRV246EH			
Sound power level (H)	dB(A) 63		63		64		64		71	
Sound pressure level (H)	dB(A) 47		47		48		48		51	
Dimensions (H/W/D)	mm 548x720x265		548x720x265		548x720x265		670x880x285		740x900x320	
Net weight	kg 30		32		32		44		59	
Refrigerant circuit	size 96		size 126		size 186		size 246			
Tube diameter narrow/wide	mm(in) 6.35(1/4) / 9.52(3/8)		6.35(1/4) / 9.52(3/8)		6.35(1/4) / 9.52(3/8)		6.35(1/4) / 12.7(1/2)		6.35(1/4) / 15.88(5/8)	
Max piping length	m 15		15		15		30		30	
Max elevation difference O.U.- I.U.	m 7		7		7		15		15	
Chargeless piping length	m 7.5		7.5		7.5		10		10	
Amount of additional refrigerant	g/m 15		15		15		25		25	

Specifications subject to change without notice

XRV Type Inverter - 4 way cassette (6 Series)

R410A

INVERTER
Air Conditioner

SAP-XRV96EH SAP-XRV126EH SAP-XRV186EH

The X type DC inverter-driven cassette is ultra compact to fit perfectly into standard 600 x 600mm ceiling grid and is ideal for small commercial and retrofit projects.

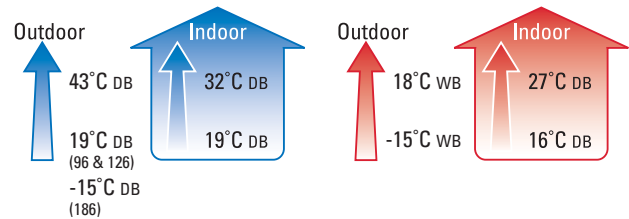
- Light and compact design making it quick and easy to install
- DC inverter technology for precise temperature control
- Auto restart after power failure and auto changeover
- Auto air sweep control provides uniform air flow in the room
- Powerful start function for rapid cooling/heating
- Automatic cooling/ heating control maintains the desired temperature
- Cooling and heating up to -15°C (Model 186)
- Condensate elimination pump with pressure head up to 250mm
- Multifunctional remote control with integrated temperature sensor
- Clock with ON/OFF program timer
- Washable filter avoids formation of mould and bacteria
- Removable and washable panel with a modern design
- Night Set back/economy mode function ensuring energy-saving in cooling and heating

NEW



Remote

Outdoor unit



		INVERTER HEAT PUMP					
		size 96		size 126		size 186	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	Kw	0.9-2.6-3.2	0.9-3.2-4.5	0.9-3.3-3.8	0.9-4.5-5.8	1.2-5.15-5.3	1.3-6.0-6.4
Power input	W	250-810-1180	250-930-1545	250-980-1325	250-1240-1720	250-1600-1830	270-1650-1960
EER/COP	W/W	3.21	3.76	3.37	3.63	3.22	3.64
Energy class		A	A	A	A	A	A
Running amperes	A	1.2-4.0-6.0	1.2-4.5-6.6	1.2-4.6-6.3	1.2-5.7-7.3	1.2-7.2-8.6	1.3-7.4-9.2
Annual energy consumption (cooling) kWh		405		490		800	
Power supply	V,ph,Hz	230, 1+N, 50 outdoor unit					
Indoor Unit		SAP-XRV96EH		SAP-XRV126EH		SAP-XRV186EH	
Air-circulation (H)	m ³ /h	500/600/700		500/600/700		580/660/790	
Moister removal	Litres/h	1.5	-	1.8	-	2.0	-
Sound power level (H)	dB(A)	53		53		54	
Sound pressure level (L/M/H)	dB(A)	37/40/44		37/40/44		37/40/45	
Dimensions (HxWxD) Unit	mm	296x575x575		296x575x575		296x575x575	
Dimensions (HxWxD) Panel	mm	64x730x730		64x730x730		64x730x730	
Net weight Unit	kg	16.5		16.5		16.5	
Net weight Panel	kg	2.5		2.5		2.5	
Outdoor Unit		SAP-CRV96EH		SAP-CRV126EH		SAP-CRV186EH	
Sound power level (H)	dB(A)	63	63	64	64	71	72
Sound pressure level (H)	dB(A)	47	47	48	48	51	52
Dimensions (H/W/D)	mm	548x720x265		548x720x265		670x880x285	
Net weight	kg	30		32		44	
Refrigerant circuit		size 96		size 126		size 186	
Tube diameter narrow/mide	mm(in)	6.35 (1/4) / 9.52 (3/8)		6.35 (1/4) / 9.52 (3/8)		6.35 (1/4) / 12.7 (1/2)	
Length	m	15		15		30	
Max elevation difference O.U. - I.U.	m	7		7		15	
Chargeless piping length	m	7.5		7.5		10	
Amount of additional refrigerant	g/m	15		15		25	

Specifications subject to change without notice

F/FT Type Inverter - floor & ceiling mounted units (6 Series)

R410A

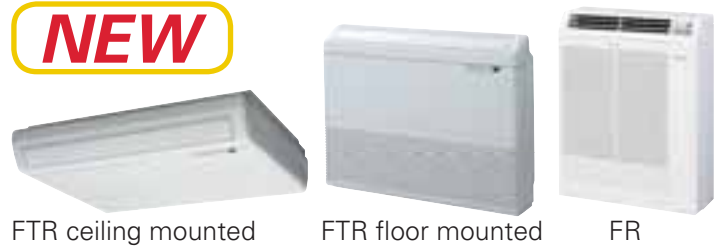
INVERTER Air Conditioner

SAP-FRV96EH SAP-FTRV126EH SAP-FTRV186EH SAP-FTRV246EH

The new floor & ceiling mounted units are flexible and effective alternative to wall-mounted units.

- DC inverter technology for precise temperature control
- Air flow optimised for heating
- Powerful and lightweight compact design
- Auto restart after power failure and auto changeover
- Automatic air flow control
- Automatic cooling/ heating control maintains the desired temperature
- Cooling and heating up to -15°C (Models 186 and 246)
- Multifunctional remote control with integrated temperature sensor
- Clock with ON/OFF program timer
- Washable filter avoids formation of mould and bacteria
- Washable front panel
- Night Set back/economy mode function ensuring energy-saving in cooling and heating

NEW



FTR ceiling mounted

FTR floor mounted

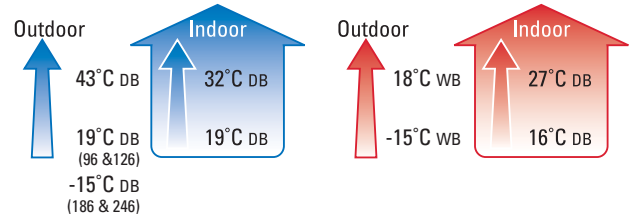
FR



Remote



Outdoor unit



	INVERTER HEAT PUMP							
	size 96		size 126		size 186		size 246	
Performance	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW 0.9-2.5-3.2		0.9-3.2-4.5		0.9-3.3-3.8		0.9-4.0-5.0	
Power input	W 250-700-1140		250-930-1510		250-1025-1300		250-1105-1470	
EER/COP	W/W 3.64		3.44		3.22		3.62	
Energy class	A		A		A		A	
Running amperes	A 1.2-3.2-5.8		1.2-4.5-6.5		1.14-4.69-5.95		1.14-5.06-6.73	
Annual energy consumption (cooling) kWh	350		512.5		750		1177.5	
Power supply	V,ph,Hz 230, 1+N, 50 outdoor unit							
Indoor Unit	SAP-FRV96EH		SAP-FTRV126EH		SAP-FTRV186EH		SAP-FTRV246EH	
Air circulation (H)	m³/h 320/390/425		500/590/700		515/615/720		650/800/900	
Moister removal	Litres/h 1.5		-		1.8		-	
Sound power level (H)	dB(A) 51		51		55		55	
Sound pressure level (L/M/H)	dB(A) 34/40/43		38/43/47		39/44/48		44/47/50	
Dimensions (HxWxD)	mm 700x720x265		680x900x190		680x900x190		680x900x190	
Net weight	kg 18.6		23.5		23.5		23.5	
Outdoor Unit	SAP-CRV96EH		SAP-CRV126EH		SAP-CRV186EH		SAP-CRV246EH	
Sound power level (H)	dB(A) 63		63		64		64	
Sound pressure level (H)	dB(A) 47		47		48		48	
Dimensions (H/W/D)	mm 548x720x265		548x720x265		670x880x285		740x900x320	
Net weight	kg 30		32		44		59	
Refrigerant circuit	size 96		size 126		size 186		size 246	
Tube diameter narrow/wide	mm(in) 6.35(1/4) / 9.52(3/8)		6.35(1/4) / 9.52(3/8)		6.35(1/4) / 12.7(1/2)		6.35(1/4) / 15.88(5/8)	
Max piping length	m 15		15		30		30	
Max elevation difference O.U.- I.U.	m 7		7		15		15	
Chargeless piping length	m 7.5		7.5		10		10	
Amount of additional refrigerant	g/m 15		15		25		25	

Specifications subject to change without notice

URV Type Inverter - concealed duct (6 Series)

R410A

INVERTER Air Conditioner

SAP-URV96EH SAP-URV126EH SAP-URV186EH SAP-URV246EH

Top performance ducted units providing flexible air-conditioning together with low noise levels. Ideal for flexible, concealed air conditioning for all types of air conditioning applications.

- The integrated unit has a height of 266mm to fit standard architectural scheme
- Using the supplementary cable it is possible to increase the static pressure to satisfy any duct-related requirement
- DC inverter technology for precise temperature control
- Light and compact design
- Auto restart after power failure and auto changeover
- Powerful start function for rapid cooling/heating
- Automatic cooling/ heating control maintains the desired temperature
- External electrical panel for rapid cable attachments and simple maintenance
- Cooling and heating up to -15°C (models 186-246)
- Condensate elimination pump with pressure head up to 250mm
- Multifunctional remote control with integrated temperature sensor

NEW

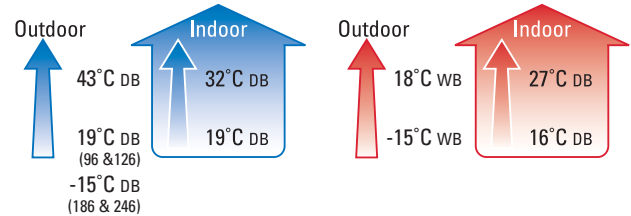


Remote



Outdoor unit

- Clock with ON/OFF program timer
- The included air filter is easily accessible from the lower part of the unit
- Night Set back/economy mode function ensuring energy-saving in cooling and heating



		INVERTER HEAT PUMP							
		size 96		size 126		size 186		size 246	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	0.9-2.6-3.2	0.9-3.5-4.8	0.9-3.5-3.8	0.9-4.5-5.8	1.2-5.4-5.5	1.3-6.0-6.4	1.2-7.15-7.5	1.3-8.5-9.5
Power input	W	250-750-1230	250-920-1590	250-1010-1375	250-1245-1765	250-1650-1830	270-1600-1960	280-2370-2850	290-2640-3160
EER/COP	W/W	3.47	3.8	3.47	3.61	3.27	3.75	3.02	3.22
Energy class		A	A	A	A	A	A	B	C
Running amperes	A	3.5	4.2	4.6	5.7	7.4	7.3	10.9	12
Annual energy consumption (cooling) kWh		375		505		825		1185	
Power supply	V,ph,Hz	230, 1+N, 50 outdoor unit				230, 1+N, 50 outdoor unit			
Indoor Unit		SAP-URV96EH		SAP-URV126EH		SAP-URV186EH		SAP-URV246EH	
Air-circulation (H)	m ³ /h	470/560/620		470/560/620		455/645/865		530/760/985	
Moister removal	Litres/h	1.5	-	1.8	-	2.0	-	2.5	-
External static pressure (std/booster)	Pa	49/69		49/69		49/69		49/69	
Sound power level (H)	dB(A)	56		56		56		59	
Sound pressure level (L/M/H)	dB(A)	40/43/45		40/43/45		33/38/45		37/40/48	
Dimensions (HxWxD)	mm	266x852x571		266x852x571		266x1058x571		266x1058x571	
Net weight	kg	30		30		35		35	
Outdoor Unit		SAP-CRV96EH		SAP-CRV126EH		SAP-CRV186EH		SAP-CRV246EH	
Sound power level (H)	dB(A)	63	63	64	64	71	72	73	74
Sound pressure level (L/M/H)	dB(A)	47	47	48	48	51	52	55	56
Dimensions (HxWxD)	mm	548x720x265		548x720x265		670x880x285		740x900x320	
Net weight	kg	30		32		44		59	
Refrigerant circuit		size 96		size 126		size 186		size 246	
Tube diameter narrow/mide	mm(in)	6.35(1/4) / 9.52(3/8)		6.35(1/4) / 9.52(3/8)		6.35(1/4) / 12.7(1/2)		6.35(1/4) / 15.88(5/8)	
Max piping length	m	15		15		30		30	
Max elevation difference O.U. - I.U.	m	7		7		15		15	
Chargeless piping length	m	7.5		7.5		10		10	
Amount of additional refrigerant	g/m	15		15		25		25	

Specifications subject to change without notice

Rating Conditions: Cooling Indoor 27°C DB 19°C WB Outdoor 35°C DB 24°C WB Heating Indoor 20°C DB Outdoor 7°C DB 6°C WB

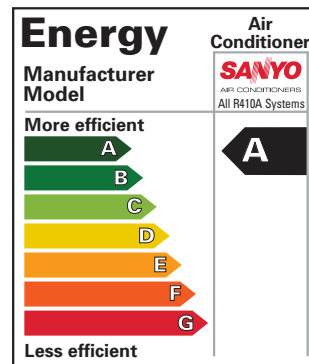
SAP-CRV...EH SAP-CRV...EHDS SAP-CRV...EHDX SAP-CRV...EHAX SAP-CRV...EHFP



The Room Air Conditioners outdoor units utilise the latest SANYO twin rotary compressor, in which perfectly balanced dual rotors revolve smoothly and efficiently to provide powerful, quiet and vibration-free performance.

High energy-efficiency

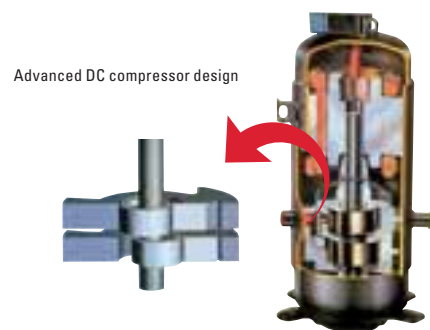
SANYO conforms to the 2002/31/EC Directive - 92/75/EEC "Energy Labelling Directive (ELD)", which became legislation in June 2004 on all air conditioning products up to 12kW cooling capacity. The DC inverter technology helps us to achieve the "A" class, the highest level of energy-efficiency, as clearly indicated on the standard labelling system.



*except CRV244EH and CRV246EH

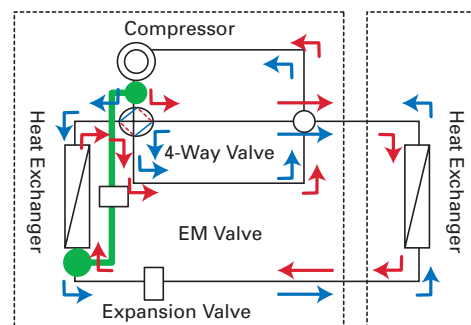
Rapid and accurate temperature control

The Room Air Conditioner Systems use Advanced Digital Hybrid (ADH) technology for better, smarter and more cost efficient year round climate control. Immediately following start-up, the DC compressor operates at maximum power to provide almost instant heating or cooling. As the desired air temperature is reached, a special Pulse Width Module automatically adjusts the compressor's frequency to exactly meet the cooling or heating requirements of the room. The result is exceptionally precise temperature control, less noise and significant energy savings.



Special defrost operation

SANYO's hot-gas defrost valve avoids uncomfortable conditions during defrosting functions, ensuring continuous operation even in very low ambient temperatures. Comfortable room conditions are maintained while the decline of indoor air temperature is kept to a minimum. (Shiki Sai Kan and Mini Shiki Sai Kan only)





KR Type Constant Speed - wall mounted unit (7 Series)

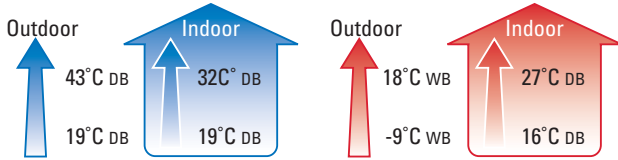
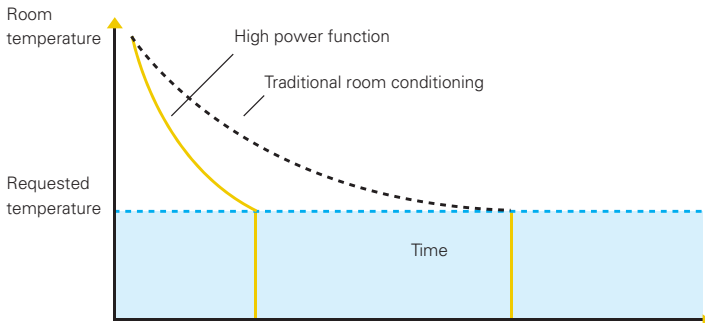
R410A

SAP-KR97EHAX SAP-KR127EHAX

SANYO's new 7 Series K type unit is stylish, with a sleek and discrete design that fits perfectly in any interior.

- Lightweight and compact
- Improved efficiency
- LED sterilisation function
- High power function
- Cold draft prevention in heating mode
- Built-in temperature sensor remote controller
- Economy mode (night set back)

High power key



NEW

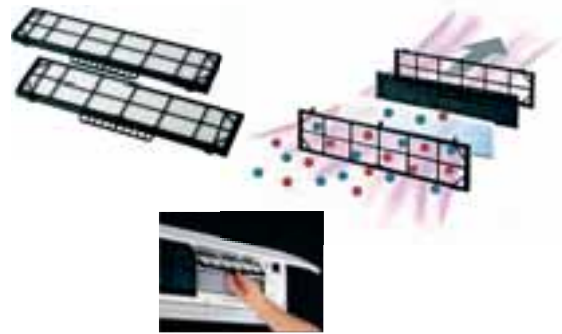


Remote



Outdoor unit

Double layer filter



		CONSTANT SPEED HEAT PUMP			
		size 97		size 127	
Performance		Cooling	Heating	Cooling	Heating
Capacity	kW	2.8	2.8	3.3	3.6
Power input	W	870	775	1,025	995
EER/COP	W/W	3.22	3.61	3.22	3.62
Energy class	-	A	A	A	A
Running amperes	A	3.9	3.5	4.6	4.5
Annual energy consumption (cooling)	kWh	435	-	512.5	-
Indoor Unit		SAP-KR97EHAX		SAP-KR127EHAX	
Air circulation	(H) m ³ /h	600	600	620	640
Moisture removal	Litres/h	1.8	-	2.0	-
Sound power level	(H) dB(A)	56	56	57	57
Sound pressure level	(Quiet/L/M/H) dB(A)	25/31/34/39	25/31/34/39	26/32/35/40	26/32/35/40
Dimensions	(HxWxD) mm	250×799×205		250×799×205	
Net weight	kg	7.5		7.5	
Power supply	V,ph,Hz	230,1+N,50			
Outdoor Unit		SAP-CR97EHAX		SAP-CR127EHAX	
Sound power level	(H) dB(A)	65	65	67	67
Sound pressure level	(H) dB(A)	48	48	50	50
Dimensions	(H/W/D) mm	510×660×240		598×660×240	
Net weight	kg	24		31	
Power supply	V,ph,Hz	230,1+N,50			
Refrigerant circuit		size 97		size 127	
Tube diameter narrow/wide	Inches	1/4, 3/8		1/4, 3/8	
Max piping length	m	15		15	
Max elevation difference O.U. - I.U.	m	7		7	
Chargeless piping length	m	7.5		7.5	
Amount of additional refrigerant	g/m	20		20	

KR Type Constant Speed - wall mounted unit (4 Series)

R410A

SAP-KR74EH SAP-KR94EH SAP-KR124EH SAP-KR184EH SAP-KR224EH

SANYO's online fixed-speed range provides outstanding performance and offers a low-cost alternative to inverter technology.

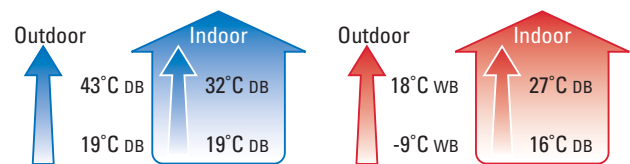
- Lightweight and compact design for easy installation
- Auto restart after power failure
- Multifunctional wireless remote control with built-in temperature sensor with ON/OFF program timer
- Cold draft prevention
- Quiet mode from 21 dB(A)
- Automatic cooling and heating changeover
- Ion generator refreshes your room with negative ions (184 & 224)
- Night set back/economy mode function ensures gentle and energy-saving cooling and heating



Remote



Outdoor unit



CONSTANT SPEED HEAT PUMP											
		size 74		size 94		size 124		size 184		size 224	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	2.2	2.5	2.65	3.0	3.5	4.0	5.15	5.7	6.4	7.2
Power input	W	685	690	825	830	1090	1105	1600	1580	2275	2240
COP	W/W	3.21	3.62	3.21	3.61	3.21	3.62	3.22	3.61	2.81	3.21
Energy class	-	A	A	A	A	A	A	A	A	C	C
Running amperes 1ph/3ph	A	3.1	3.1	3.7	3.8	4.9	5.0	7.1/3.2	7.0/3.2	10.0/4.4	9.8/4.4
Annual energy consumption (cooling)	kWh	342,5	-	412,5	-	545	-	800	-	1137,5	-
Indoor Unit		SAP-KR74EH		SAP-KR94EH		SAP-KR124EH		SAP-KR184EH		SAP-KR224EH	
Air circulation (H)	m³/h	430	450	480	500	500	530	890	890	980	980
Moisture removal	Litres/h	1.3	-	1.8	-	2.0	-	2.3	-	3.3	3.3
Sound power level (H)	dB(A)	54	53	56	55	59	58	60	59	62	63
Sound pressure level (Quiet/L/M/H)	dB(A)	25/28/32/36	24/27/31/35	25/28/33/38	24/27/32/37	25/28/34/41	24/27/33/40	32/35/39/42	32/34/38/41	32/36/40/44	32/37/41/45
Dimensions (HxWxD)	mm	285x825x189		285x825x189		285x825x189		298x1065x218		298x1065x218	
Net weight	kg	10		10		10		12		12	
Power supply	V,ph,Hz	230, 1+N, 50									
Outdoor Unit		SAP-CR74EH		SAP-CR94EH		SAP-CR124EH		SAP-CR184EH/DH		SAP-CR224EH/DH	
Sound power level (H)	dB(A)	64	65	65	66	67	68	73	74	75	76
Sound pressure level (H/L)	dB(A)	46	47	47	48	49	50	55	56	57	58
Dimensions (H/W/D)	mm	548x720x265		548x720x265		565x790x285		670x880x285		670x880x285	
Net weight	kg	29		35		37		48		56	
Power supply	V,ph,Hz	230, 1+N, 50/400, 3+N, 50									
Installation Data		size 74		size 94		size 124		size 184		size 224	
Tube diameter narrow/wide	Inches	1/4, 3/8		1/4, 3/8		1/4, 3/8		1/4, 1/2		1/4, 5/8	
Max piping length	m	15		15		15		30		30	
Max elevation difference O.U. - I.U.	m	7		7		7		7		7	
Chargeless piping length	m	7.5		7.5		7.5		7.5		10	
Amount of additional refrigerant	g/m	15		15		15		25		25	

XR Type Constant Speed - 4 way cassette

R410A

SAP-XR94EH SAP-XR124EH SAP-XR184EH

The X type online cassette is designed to fit into a standard 600 x 600mm ceiling grid and is ideal for small commercial and retrofit applications.

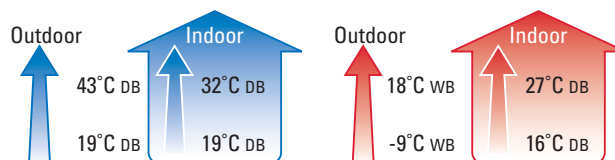
- Lightweight and compact design for easy installation
- Auto restart after power failure and auto changeover
- Cold draft prevention
- Infrared remote control with 24 hour clock with ON/OFF program timer
- Multi-directional airflow provides uniform airflow throughout the room
- Built-in drain pump gives 250mm lift
- Auto air sweep control provides uniform air flow in the room
- The modern-style panel can be removed and washed
- Night set back/economy mode function ensures gentle and energy-saving cooling and heating



Remote



Outdoor unit



		CONSTANT SPEED HEAT PUMP					
		size 94		size 124		size 184	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	2.87	3.10	3.65	4.52	5.15	5.70
Power input	W	875	775	1075	1055	1600	1580
EER/COP		3.28	4.00	3.40	4.28	3.21	3.61
Energy class		A	A	A	A	A	A
Total	kW	2.55	2.57	3.37	3.75	4.96	4.73
Sensible	kW	2.1	-	2.51	-	3.74	-
Running current/AMPs	A	3.7	3.8	4.9	5.0	7.1	7.0
Indoor Unit		SAP-XR94EH		SAP-XR124EH		SAP-XR184EH	
Air circulation	(H) m ³ /h	700		700		750	
Moisture removal	Litres/h	0.5	-	1.0	-	2.3	-
Sound pressure level	(H/M/L) dB(A)	43/39/36	43/39/36	43/39/36	43/39/36	45/40/37	45/40/37
Dimensions - Unit	(HxWxD) mm	296x575x575		296x575x575		296x575x575	
Dimensions - Panel	(HxWxD) mm	64x730x730		64x730x730		64x730x730	
Net weight - unit	kg	16.5		16.5		16.5	
Net weight - panel	kg	2.5		2.5		2.5	
Power supply		220-240V/1ø 50Hz					
Outdoor Unit		SAP-CR94EH(A)		SAP-CR124EH(A)		SAP-CR184EH(A)	
Sound power level	(H) dB(A)	65	66	67	68	73	74
Sound pressure level	(H) dB(A)	47	48	49	50	55	56
Dimensions	(HxWxD) mm	548x720x265		565x790x285		670x880x285	
Net weight	kg	35		37		48	
Power supply		220-240V/1ø 50Hz					
Installation Data		size 94		size 124		size 184	
Pipe size suction/discharge	Inches	1/4, 3/8		1/4, 3/8		1/4, 1/2	
Max piping length	m	15		15		30	
Precharged piping length	m	7.5		7.5		7.5	
Amount of additional refrigerant	g/m	15		15		25	
Max elevation difference O.U. - I.U.	m	7		7		7	
Recommended fuse size	AMP	10		10		16	
Communication cables		4 Core + Earth		4 Core + Earth		6 Core + Earth	
Power supply to		Indoor unit		Indoor unit		Indoor unit	

F/FT Type Constant Speed - wall & ceiling mounted units

R410A

SAP-FR94EH SAP-FTR124EH SAP-FTR184EH SAP-FTR224EH

SANYO's online fixed-speed FTR range of console units can be mounted on the ceiling or the floor to provide a flexible solution to difficult installation situations.

- Auto restart after power failure and auto changeover
- Cold draft prevention in heating mode
- Lightweight and compact designs
- Infrared remote control with 24 hour clock with ON/OFF program timer
- Automatic louvre control provides uniform airflow throughout the room
- Easy to clean filter prevents mould or bacteria from occurring
- Night set back/economy mode function ensures gentle and energy-saving cooling



FTR ceiling mounted

FTR floor mounted

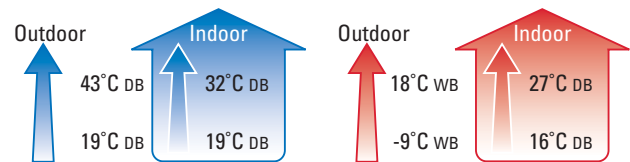
FR



Remote



Outdoor unit



		CONSTANT SPEED HEAT PUMP							
		size 94		size 124		size 184		size 224	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	2.65	3.20	3.60	4.35	5.15	5.70	6.40	7.20
Power input	W	825	810	1055	1045	1600	1580	2275	2240
EER/COP		3.21	3.95	3.41	4.16	3.22	3.61	2.81	3.21
Energy class		A	A	A	A	A	A	C	C
Total	kW	2.55	2.62	3.37	3.57	4.96	4.67	6.16	5.90
Sensible	kW	1.8	-	2.77	-	3.61	-	4.13	-
Running current/AMPS	A	3.7	3.8	4.9	5.0	7.1	7.0	10.0	9.8
Indoor Unit		SAP-FR94EH		SAP-FTR124EH		SAP-FTR184EH		SAP-FTR224EH	
Air circulation	(H) m³/h	400		700		800		840	
Moisture removal	Litres/h	1.0	-	1.3	-	2.0	-	2.2	-
Sound pressure level	(L/M/H) dB(A)	34/40/43		38/43/47		39/44/48		44/47/50	
Dimensions	(HxWxD) mm	700x560x200		680x900x190		680x900x190		680x900x190	
Net weight	kg	18.6		23.5		23.5		23.5	
Power supply	V,ph,Hz	220-240V/1ø 50Hz							
Outdoor Unit		SAP-CR94EH(A)		SAP-CR124EH(A)		SAP-CR184EH(A)		SAP-CR224EH(A)	
Sound power level	(H) dB(A)	65	66	67	68	73	74	75	76
Sound pressure level	(H) dB(A)	47	48	49	50	55	56	57	58
Dimensions	(HxWxD) mm	548x720x265		565x790x285		670x880x285		670x880x285	
Net weight	kg	35		37		48		56	
Power supply	V,ph,Hz	220-240V/1ø 50Hz							
Installation Data		size 94		size 124		size 184		size 224	
Pipe size suction/discharge	Inches	1/4, 3/8		1/4, 3/8		1/4, 1/2		1/4, 5/8	
Max piping length	m	15		15		30		30	
Precharged piping length	m	7.5		7.5		7.5		10	
Amount of additional refrigerant	g/m	15		15		25		25	
Max elevation difference O.U. - I.U.	m	7		7		7		7	
Recommended fuse size	AMP	10		10		16		16	
Communication cables		4 Core + Earth		4 Core + Earth		6 Core + Earth		6 Core + Earth	
Power supply to		Indoor unit		Indoor unit		Indoor unit		Indoor unit	

UR Type Constant Speed - concealed duct

R410A

SAP-UR94EH SAP-UR124EH SAP-UR184EH SAP-UR224EH

The online UR ducted unit is ideal for flexible, concealed cooling and heating in all types or room air conditioning applications.

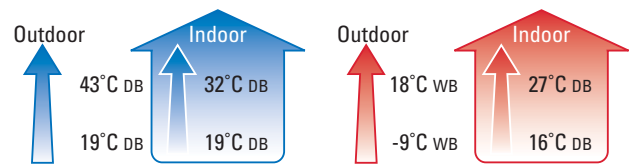
- Auto restart after power failure and auto change over
- Cold draft prevention
- Fresh air knockout
- Infrared remote control with 24 hour clock with ON/OFF program timer
- Built-in drain pump gives 250mm lift
- Booster cable available to increase static pressure
- Powerful start function for rapid cooling and heating
- External electrical box allows ease of access for service and maintenance
- Night set back and economy mode function ensures energy-saving cooling and heating



Remote



Outdoor unit



		CONSTANT SPEED HEAT PUMP							
		size 94		size 124		size 184		size 224	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	2.65	3.00	3.50	4.62	5.15	5.70	6.40	7.20
Power input	W	880	780	1130	1060	1600	1580	2275	2240
EER/COP		3.49	4.1	3.58	4.36	3.22	3.61	2.81	3.21
Energy class		A	A	A	A	A	A	C	C
Total	kW	2.55	2.95	3.37	3.52	4.96	5.04	6.84	5.31
Sensible	kW	2.16	-	2.67	-	3.97	-	5.1	-
Running current/AMPs	A	3.7	3.8	4.9	5.0	7.1	7.0	10.0	9.8
Indoor Unit		SAP-UR94EH		SAP-UR124EH		SAP-UR184EH		SAP-UR224EH	
Air circulation	(H) m ³ /h	600		600		875		1000	
Moisture removal	Litres/h	0.8	-	1.5	-	1.8	-	2.6	-
External static pressure (std/booster)	Pa	49/69		49/69		49/69		49/69	
Sound pressure level (H/M/L)	dB(A)	45/43/40		45/38/33		48/40/37			
Dimensions (HxWxD)	mm	266x852x571				266x1058x571			
Net weight	kg	30				35			
Power supply		220-240V/1ø 50Hz							
Outdoor Unit		SAP-CR94EH(A)		SAP-CR124EH(A)		SAP-CR184EH(A)		SAP-CR224EH(A)	
Sound power level (H)	dB(A)	65	66	67	68	73	74	75	76
Sound pressure level (H)	dB(A)	47	48	49	50	55	56	57	58
Dimensions (HxWxD)	mm	548x720x265		565x790x285		670x880x285		670x880x285	
Net weight	kg	35		37		48		56	
Power supply		220-40V/1ø 50Hz							
Installation Data		size 94		size 124		size 184		size 224	
Pipe size suction/discharge	Inches	1/4, 3/8		1/4, 3/8		1/4, 1/2		1/4, 5/8	
Max piping length	m	15		15		30		30	
Precharged piping length	m	7.5		7.5		7.5		10	
Amount of additional refrigerant	g/m	15		15		25		25	
Max elevation difference O.U. - I.U.	m	7		7		7		7	
Recommended fuse size	AMP	10		10		16		16	
Communication cables	mm	4 Core + Earth		4 Core + Earth		6 Core + Earth		6 Core + Earth	
Power supply to		Indoor unit		Indoor unit		Indoor unit		Indoor unit	

Flexi Multi DC Inverter Heat Pump Multi Split Systems

R410A

INVERTER
Air Conditioner



The flexible solution

The new SANYO Flexi Multi range of heat pump multi split systems are the ideal, flexible solution for providing quiet and efficient air conditioning to 2, 3 or 4 areas from a single outdoor unit.

- 5 system capacities 4.0kW to 8.0kW
- 6 indoor model styles
- 2, 3 or 4 way multi split
- DC inverter technology for precise temperature control and low start current
- Provides heating or cooling as required



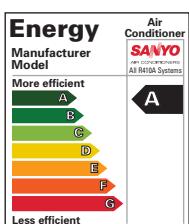
R410A

The Flexi Multi systems utilise the non-ozone-depleting R410A refrigerant. This means increased system performance, increased energy-efficiency and improved heat transfer, which results in smaller pipe sizes and more compact indoor units.

All Flexi Multi DC inverter models are rated as EEL Category A, which confirms that they are amongst the most energy-efficient systems available. Power consumption during operation is substantially less than that of lower rated units and consequently both the day to day running costs and full life cycle costs are significantly reduced.

Simple, one touch control

- Full function remote controller
- Built-in temperature sensor
- Temperature setting
- Operational mode selection
- Fan speed control
- 24 hour ON/OFF timer
- 1 hour timer



Flexi Multi DC Inverter Heat Pump 6 Series Multi Split Systems

R410A

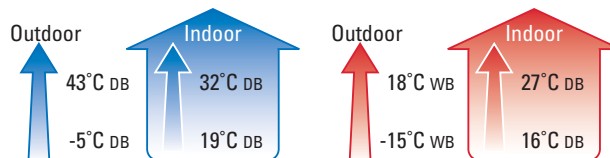
INVERTER Air Conditioner

SAP-CMRV1426EH SAP-CMRV1926EH SAP-CMRV1936EH SAP-CMRV2446EH SAP-CMRV3146EH

Design guaranteed for an extremely efficient and flexible operation.

- 4 models with capacity from 4.0 to 8.0 kW
- DC inverter technology for precise temperature control and a low start-up current
- Twin rotary compressor: the dual rotors guarantee perfect balancing ensuring functional reliability and efficiency. This also contributes to increase comfort and accelerate cooling and heating as well as ensuring an extremely quiet and efficient operation.
- Energy class A/A for the whole range, both in cooling and heating modes
- Operating range decreased to -15°C in heating mode and -5°C in cooling mode
- The volume of the external unit has been decreased by 9%, solving the problem of limited space and does not encumber the exterior
- Non-stop heating by means of SANYO's exclusive hot gas by-pass system
- Renewable and washable apatite ceramic filter
- Photo-catalytic LED sterilization function ensures excellent performance in eliminating odours, germs and bacteria (only wall-mounted units)
- Night Set back/Economy modes to guarantee quiet and energy-efficient cooling and heating
- Programmable start-up and shut-off via 24 hour clock

NEW



HEAT-PUMP INVERTER																				
External units	SAP-CMRV1426EH		SAP-CMRV1926EH		SAP-CMRV1936EH		SAP-CMRV2446EH		SAP-CMRV3146EH											
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating										
Capacity	kW 2.0/4.0/5.0		2.2/4.5/5.5		2.1/5.6/6.8		2.4/7.3/8.4		2.9/5.2/6.5		3.4/6.8/7.8		2.9/6.8/8.1		3.4/8.6/9.0		2.9/8.0/9.2		3.4/9.4/9.8	
Power consumption	W 925		925		1695		1735		1530		1610		2000		2000		1730		2040	
EER/COP	W/W 4.32		4.86		3.3		4.21		3.40		4.22		3.4		4.3		4.62		4.61	
Energy class	A		A		A		A		A		A		A		A		A		A	
Current draw	A 4.1		4.1		7.52		7.7		6.88		7.7		8.87		8.87		7.58		8.96	
Annual consumption (cooling)	kW/h 462.5		847.5		765		1000		865											
Max. number of units N.	2		3		4															
Sound pressure	dB(A) 46		46		46		49		48		49									
Noise level	dB(A)																			
Pipe diameter - suction/discharge	mm(in) 2x6.4(1/4) 2x9.5(3/8)		2x6.4(1/4) 2x9.5(3/8)		2x6.4(1/4) 2x9.5(3/8)		4x6.4 (1/4) 3x9.5(3/8) 12.7 (1/2)		4x6.4 (1/4) 2x9.5(3/8) 2x12.7(1/2)											
Maximum total pipe length	m 30		45		45		60		70											
Maximum pipe length per unit	m 20		25		25		25		30											
Max. elevation difference E.U - I.U	m 15		15		15		15		15											
Total pipe length - standard charge	m 30		45		45		45*		45**											
Dimensions (HxLxD)	mm 569x790x285		740x900x320		740x900x320		740x900x320		890x900x320											
Net weight	kg 42		65		65		65		82											
Power supply	V,ph,Hz 230, 1+N, 50																			

Specifications subject to modification without notice.

* For longer pipes, up to 60m add 20 g/m of refrigerant. ** For longer pipes, up to 70m add 20 g/m of refrigerant.

Reference conditions:

Annual energy consumption = consumption for 500 hours at nominal load.

*For external temperatures < 7°C the heating capacity will be lower than the nominal capacity.

Mini Shiki Sai Kan Flexi Multi - wall mounted unit

R410A

INVERTER
Air Conditioner

SAP-KRV96EHDS SAP-KRV126EHDS

SANYO's new Mini Shiki Sai Kan is stylish and elegant, making it the ideal air conditioning system for any room.

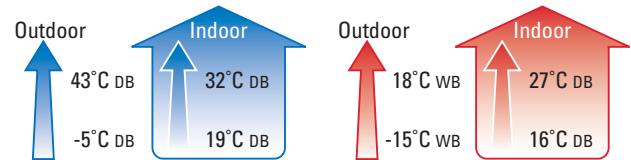
- Exceptional energy-saving performance
- Simple elegant design with panels available in 5 different colour options
- The LED photocatalytic sterilisation function ensures excellent performance to combat odours, germs and bacteria
- Automatic sweep control
- Apatite ceramic filter
- Clock with ON/OFF program timer
- Washable front panel
- Low noise levels: 22 dB(A) (quiet mode)
- Night set back/economy mode function ensures quiet and energy-saving cooling and heating
- Multifunctional wireless remote control with built-in temperature sensor



Remote



Outdoor unit



Wall mounted unit		SAP-KRV96EHDS	
Performance		Cooling	Heating
Capacity	kW	2.65	3.60
Air circulation	(H) m ³ /h	480	480
Moisture removal	Litres/h	1.6	-
Sound pressure level	(Quiet/L/M/H) dB(A)	22/28/35/41	22/28/35/41
Sound power level	(H) dB(A)	56	56
Tube diameter narrow/wide	Inches	1/4, 3/8	
Dimensions	(HxWxD) mm	265x789x180	
Net weight	kg	9.5	
Power supply	V,ph,Hz	230, 1+N, 50 to outdoor unit	

K Type Flexi Multi - wall mounted unit

R410A

INVERTER
Air Conditioner

SAP-KMRV76EH SAP-KMRV96EH SAP-KMRV126EH SAP-KRV186EH SAP-KRV246EH

The new 6 Series K Type wall mounted unit is the ideal solution when you need quiet energy-efficient and controllable room air conditioning.

NEW

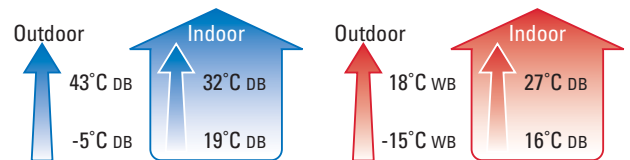
- Designed for flush mounting against a wall
- 5 system capacities from 4.0kW up to 8.0kW
- DC-inverter technology for precise temperature control
- Auto swing louvres for optimum air distribution
- 3 fan speeds
- Quiet operations
- High power mode for rapid cooling or heating



Remote



Outdoor unit



Indoor Units												
Model	7		9		12		18		24			
Performance	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating		
Capacity	kW		2.20	2.50	2.65	3.60	3.50	4.20	5.15	6.00	7.10	8.50
New K type 6 Series	SAP-KMRV76EH		SAP-KMRV96EH		SAP-KMRV126EH		SAP-KRV186EH		SAP-KRV246EH			

Technical specification to be confirmed.

XMR Type Flexi Multi - 4 way blow compact cassette

R410A

INVERTER
Air Conditioner

SAP-XMRV96EH SAP- XMRV126EH SAP-XRV186EH

Designed to fit exactly into a 600 x 600mm ceiling grid without the need to alter the bar configuration, the XMR is ideal for small commercial and retro fit applications.

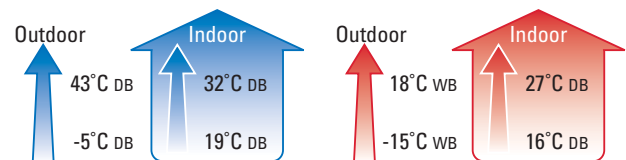
- Lightweight and compact design for easy installation
- Auto restart after power failure and auto changeover
- Designed to fit into standard 600 x 600mm ceiling grid
- Fresh air knock out
- Cold draft prevention in heating mode
- Multi directional airflow provides uniform airflow throughout the room
- Integrated drain pump gives 250mm lift
- Auto swing louvres for optimum air distribution
- Quiet operation
- Infrared remote control with 24 hour clock with ON/OFF program timer
- The modern-style panel can be removed and washed
- Night set back/economy mode function ensures gentle and energy-saving cooling and heating



Remote



Outdoor unit



Semi-concealed 4 way unit		SAP-XMRV96EH		SAP-XMRV126EH		SAP-XRV186EH	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating
Nominal capacity	kW	2.65	3.60	3.50	4.20	5.15	6.00
Air circulation	(H) m ³ /h	700		700		750	
Moisture removal	Litres/h	1.5	-	1.8	-	2.0	-
Sound pressure level	(L/M/H) dB(A)	36/39/43		36/39/43		37/40/45	
Sound power level	(H) dB(A)	52		52		54	
Tube diameter narrow/wide	Inches	1/4, 3/8		1/4, 3/8		1/4, 1/2	
Dimensions (HxWxD) - unit	mm	296x575x575		296x575x575		296x575x575	
Dimensions (HxWxD) - panel	mm	64x730x730		64x730x730		64x730x730	
Net weight - unit	kg	16.5		16.5		16.5	
Net weight - panel	kg	2.5		2.5		2.5	
Power supply	V, Ph,Hz	230, 1+N, 50 to outdoor unit					

F/FT Type Flexi Multi - floor & ceiling mounted units

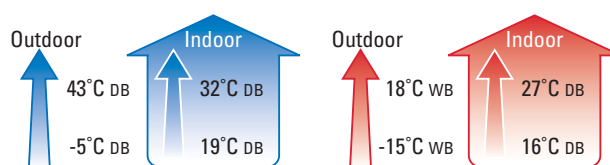
R410A

INVERTER
Air Conditioner

SAP-FMRV96EH SAP-FTMRV126EH SAP-FTRV186EH SAP-FTRV246EH

SANYO's FTR range of console units can be mounted on the ceiling or the floor to provide a flexible solution to difficult installation situations.

- Flexible design allows floor or ceiling mounting without modification
- Auto restart after power failure and auto changeover
- Cold draft prevention in heating mode
- Large and wide air distribution
- Auto air sweep for optimum distribution
- 3 fan speeds
- Quiet operation
- Easy to clean filter prevents mould or bacteria from occurring
- Infrared remote control with 24 hour clock with ON/OFF program timer
- Night set back/economy mode function ensures gentle and energy-saving cooling
- Anti-mould and anti-bacteria washable filters
- Fresh air intake



Floor and Floor/Ceiling unit		SAP-FMRV96EH		SAP-FTMRV126EH		SAP-FTRV186EH		SAP-FTRV246EH	
		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Nominal capacity	kW	2.65	3.60	3.50	4.20	5.15	6.00	7.10	8.50
Air circulation	(H) m ³ /h	425		700		800		900	
Moisture removal	Litres/h	1.6	-	1.8	-	2.0	-	2.0	-
Sound pressure level	(L/M/H) dB(A)	37/40/44		35/40/44		39/44/48		44/47/50	
Sound power level	(H) dB(A)	51		55		59		61	
Tube diameter narrow/wide	Inches	1/4, 3/8		1/4, 3/8		1/4, 1/2		1/4, 5/8	
Dimensions	(HxWxD) mm	680x900x190		680x900x190		680x900x190		680x900x190	
Net weight	kg	18		23.5		23.5		23.5	
Power supply	V,ph,Hz	230, 1+N, 50 to outdoor unit							

SAP-UMRV96EH SAP-UMRV126EH SAP-URV186EH SAP-URV246EH

The UMR ducted unit is ideal for flexible, concealed cooling and heating in all types or room air conditioning applications.

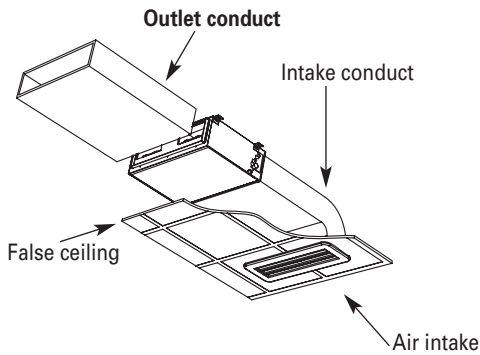
- Maximum depth 266mm
- Boost mode static pressure up to 70 pa
- Ideal for flexible, concealed air conditioning
- Infrared remote control
- Built-in drain pump gives 250mm lift
- 3 fan speeds
- High static pressure



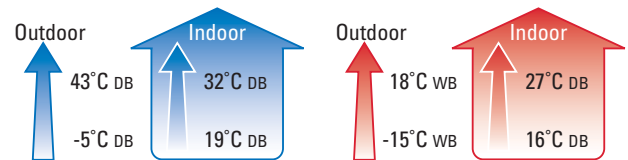
Remote



Outdoor unit



On the front and rear side of the unit, a rectangular port (with flange) helps during duct mounting.

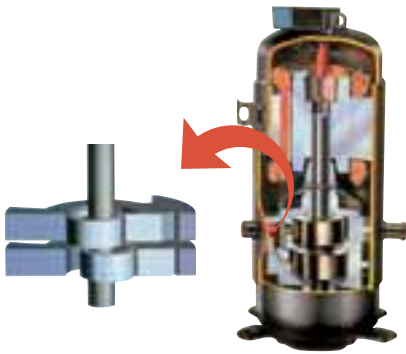


Concealed duct unit		SAP-UMRV96EH		SAP-UMRV126EH		SAP-URV186EH		SAP-URV246EH	
		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Nominal capacity	kW	2.65	3.60	3.50	4.20	5.15	6.00	7.10	8.50
Air circulation (H)	m ³ /h	600		600		875		1000	
Moisture removal	Litres/h	1.5	-	1.8	-	2.0	-	2.5	-
External static pressure (std/booster)	Pa	49/69		49/69		49/69		49/69	
Sound pressure level (L/M/H)	dB(A)	40/43/45		40/43/45		33/38/45		37/40/48	
Sound power level (H)	dB(A)	54		54		54		57	
Tube diameter narrow/wide	mm(in)	6.35 (1/4)/9.52 (3/8)		6.35 (1/4)/9.52 (3/8)		6.35 (1/4)/12.7 (1/2)		6.35 (1/4)/15.88 (5/8)	
Dimensions (HxWxD)	mm	266x852x571		266x852x571		266x1058x571		266x1058x571	
Net weight	kg	30		30		35		35	
Power supply	V, Ph,Hz	230, 1+N, 50 to outdoor unit							

NEW

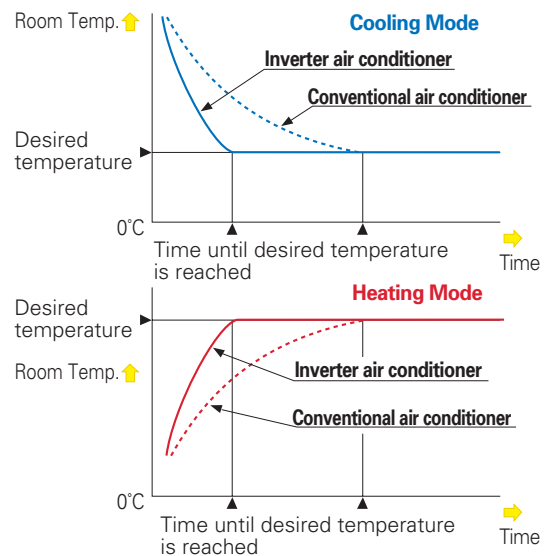
The Room Air Conditioners outdoor units utilise the latest SANYO twin rotary compressor, in which perfectly balanced dual rotors revolve smoothly and efficiently to provide powerful, quiet and vibration-free performance.

Advanced DC compressor design



Rapid and accurate temperature control

The Room Air Conditioner systems use Advanced Digital Hybrid (ADH) technology for better, smarter and more cost-efficient year round climate control. Immediately following start-up, the DC compressor operates at maximum power to provide almost instant heating or cooling. As the desired air temperature is reached, a special Pulse Width Module automatically adjusts the compressor's frequency to exactly meet the cooling or heating requirements of the room. The result is exceptionally precise temperature control, less noise and significant energy savings.



SAP-CMRV1426EH

2.2: SAP-KMRV74/76EH 2.65: SAP-KMRV94/96EH 3.5: SAP-KMRV124/126EH

Rated cooling capacity: 4.0kW	Indoor unit combination	Indoor Unit Capacity (kW)						
		Cooling			Heating			
		Room A	Room B	Total performance Capacity (Min.-Max.)	Room A	Room B	Total performance Capacity (Min.-Max.)	
Single room operation	2.2	= 2.2	2.20		2.2 (1.2 - 2.6)	2.50		2.5 (1.4 - 3.5)
	2.65	= 2.65	2.65		2.65 (1.2 - 3.2)	3.60		3.6 (1.4 - 4.0)
	3.5	= 3.5	3.50		3.5 (1.3 - 3.6)	4.20		4.2 (1.5 - 4.2)
2-room operation	2.2 + 2.2 = 4.4		1.80	1.80	3.6 (2.0 - 4.5)	2.10	2.10	4.2 (2.0 - 5.0)
	2.2 + 2.65 = 4.85		1.68	2.02	3.7 (2.0 - 4.8)	1.72	2.48	4.2 (2.0 - 5.0)
	2.2 + 3.5 = 5.7		1.51	2.39	3.9 (2.0 - 4.9)	1.64	2.76	4.4 (2.2 - 5.3)
	2.65 + 2.65 = 5.3		2.00	2.00	4.0 (2.0 - 5.0)	2.25	2.25	4.5 (2.2 - 5.5)
	2.65 + 3.5 = 6.15		1.72	2.28	4.0 (2.1 - 5.0)	2.08	2.42	4.5 (2.4 - 5.5)

2.65: SAP-KRV96EHDS

Rated cooling capacity: 3.9kW	Indoor unit combination	Indoor Unit Capacity (kW)						
		Cooling			Heating			
		Room A	Room B	Total performance Capacity (Min.- Max.)	Room A	Room B	Total performance Capacity (Min.- Max.)	
Single room operation	2.65	= 2.65	2.65		2.65 (1.2 - 3.1)	3.60		3.6 (1.4 - 4.0)
2 room operation	2.65 + 2.65 = 5.3		1.95	1.95	3.9 (2.0 - 4.9)	2.25	2.25	4.5 (2.2 - 5.5)

- The SAP-KRV96EHDS indoor unit can be combined with other SAP-KRV96EHDS, however it cannot be combined with other SAP-KMRVxxEH indoor units.
- The table lists the wall-mounted type of indoor units as representative models.
- For details on the connection of indoor units other than the wall-mounted type, refer to the catalogue.

Flexi Multi Indoor Unit Operating Capacities (6 Series)

NEW

SAP-CMRV1926EH

2.2: SAP-KMRV74/76EH 2.65: SAP-KMRV94/96EH 3.5: SAP-KMRV124/126EH 5.15: SAP-KRV184/186EH

Rated cooling capacity: 5.6kW	Indoor unit combination			Indoor Unit Capacity (kW)					
				Cooling			Heating		
				Room A	Room B	Total performance	Room A	Room B	Total performance
				Capacity (Min.-Max.)					
Single room operation	2.2		= 2.2	2.20		2.2 (1.4 - 2.6)	2.50		2.5 (1.8 - 4.3)
	2.65		= 2.65	2.65		2.65 (1.4 - 3.2)	3.60		3.6 (1.8 - 4.7)
	3.5		= 3.5	3.50		3.5 (1.5 - 3.6)	4.20		4.2 (1.9 - 5.1)
	5.15		= 5.15	5.15		5.15 (1.6 - 5.8)	6.00		6.0 (2.0 - 7.8)
2 room operation	2.2 + 2.2 = 4.4			2.20	2.20	4.4 (2.0 - 5.1)	2.50	2.50	5.0 (2.0 - 6.4)
	2.2 + 2.65 = 4.85			2.20	2.20	4.85 (2.0 - 5.8)	2.50	3.60	6.1 (2.1 - 7.5)
	2.2 + 3.5 = 5.7			1.97	1.97	5.1 (2.0 - 6.7)	2.35	3.95	6.3 (2.1 - 8.3)
	2.2 + 5.15 = 7.35			1.65	1.65	5.5 (2.1 - 6.8)	2.03	4.87	6.9 (2.4 - 8.4)
	2.65 + 2.65 = 5.3			2.50	2.50	5.0 (2.0 - 6.3)	3.23	3.23	6.45 (2.3 - 8.4)
	2.65 + 3.5 = 6.15			2.24	2.24	5.2 (2.0 - 6.8)	3.07	3.58	6.65 (2.3 - 8.4)
	2.65 + 5.15 = 7.8			1.90	1.90	5.6 (2.1 - 6.8)	2.74	4.56	7.3 (2.4 - 8.4)
	3.5 + 3.5 = 7			2.70	2.70	5.4 (2.0 - 6.8)	3.45	3.45	6.9 (2.3 - 8.4)
3.5 + 5.15 = 8.65			2.27	2.27	5.6 (2.1 - 6.8)	3.01	4.29	7.3 (2.4 - 8.4)	

Rated cooling capacity: 3.9kW	Indoor unit combination			Indoor Unit Capacity (kW)					
				Cooling			Heating		
				Room A	Room B	Total performance	Room A	Room B	Total performance
				Capacity (Min. - Max.)					
Single room operation	2.65		= 2.65	2.65		2.65 (1.4 - 3.2)	3.60		3.6 (1.48 - 4.7)
2 room operation	2.65 + 2.65 = 5.3			2.50	2.50	5.0 (2.0 - 6.3)	3.23	3.23	6.45 (2.3 - 8.4)

- The SAP-KRV96EHDS indoor unit can be combined with other SAP-KRV96EHDS, however it cannot be combined with other SAP-KMRVxxEH indoor units.
- The table lists the wall-mounted type of indoor units as representative models.
- For details on the connection of indoor units other than the wall-mounted type, refer to the catalogue.

SAP-CMRV1936EH

2.2: SAP-KMRV74/76EH 2.65: SAP-KMRV94/96EH 3.5: SAP-KMRV124/126EH 5.15: SAP-KRV184/186EH

Rated cooling capacity: 5.6kW	Indoor unit combination			Indoor Unit Capacity (kW)							
				Cooling			Heating				
				Room A	Room B	Room C	Total performance	Room A	Room B	Room C	Total performance
				Capacity (Min.-Max.)							
Single room operation	2.2		= 2.2	2.20			2.2 (1.4-2.6)	2.50		2.5 (1.8 - 4.3)	
	2.65		= 2.65	2.65			2.65 (1.4-3.2)	3.60		3.6 (1.8 - 4.7)	
	3.5		= 3.5	3.50			3.5 (1.5-3.6)	4.20		4.2 (1.9 - 5.1)	
	5.15		= 5.15	5.15			5.15 (1.6-5.8)	6.00		6.0 (2.0 - 7.8)	
2 room operation	2.2 + 2.2 = 4.4			2.20	2.20		4.4 (2.0-5.1)	2.50	2.50	5.0 (2.0-6.4)	
	2.2 + 2.65 = 4.85			2.20	3.65		4.85 (2.0-5.8)	2.50	3.60	6.1 (2.1-7.5)	
	2.2 + 3.5 = 5.7			1.97	2.50		5.1 (2.0-6.7)	2.35	3.95	6.3 (2.1-8.3)	
	2.2 + 5.15 = 7.35			1.65	2.96		5.5 (2.1-6.8)	2.03	4.87	6.9 (2.4-8.4)	
	2.65 + 2.65 = 5.3			2.50	2.50		5.0 (2.0-6.3)	3.23	3.23	6.45 (2.3-8.4)	
	2.65 + 3.5 = 6.15			2.24	2.96		5.2 (2.0-6.8)	3.07	3.58	6.65 (2.3-8.4)	
	2.65 + 5.15 = 7.8			1.90	3.70		5.6 (2.1-6.8)	2.74	4.56	7.3 (2.4-8.4)	
	3.5 + 3.5 = 7			2.70	2.70		5.4 (2.0-6.8)	3.45	3.45	6.9 (2.3-8.4)	
3.5 + 5.15 = 8.65			2.27	3.33		5.6 (2.1-6.8)	3.01	4.29	7.3 (2.4-8.4)		
3 room operation	2.2 + 2.2 + 2.2 = 6.6			1.77	1.77	1.77	5.3 (2.5-6.8)	2.18	2.18	2.18	6.55 (2.7-8.4)
	2.2 + 2.2 + 2.65 = 7.05			1.69	1.69	2.03	5.4 (2.9-6.8)	2.02	2.02	2.91	6.95 (3.0-8.4)
	2.2 + 2.2 + 3.5 = 7.9			1.56	1.56	2.48	5.6 (2.9-6.8)	1.94	1.94	3.26	7.15 (3.2-8.4)
	2.2 + 2.2 + 5.15 = 9.55			1.29	1.29	3.02	5.6 (2.9-6.8)	1.66	1.66	3.98	7.3 (3.4-8.4)
	2.2 + 2.65 + 2.65 = 7.5			1.63	1.96	1.96	5.55 (2.9-6.8)	1.88	2.71	2.71	7.3 (3.4-8.4)
	2.2 + 2.65 + 3.5 = 8.35			1.48	1.78	2.35	5.6 (2.9-6.8)	1.77	2.55	2.55	7.3 (3.4-8.4)
	2.2 + 2.65 + 5.15 = 10			1.23	1.48	2.88	5.6 (2.9-6.8)	1.51	2.17	3.62	7.3 (3.4-8.4)
	2.2 + 3.5 + 3.5 = 9.2			1.34	2.13	2.13	5.6 (2.9-6.8)	1.67	2.81	2.81	7.3 (3.4-8.4)
	2.65 + 2.65 + 2.65 = 7.95			1.87	1.87	1.87	5.6 (2.9-6.8)	2.43	2.43	2.43	7.3 (3.4-8.4)
	2.65 + 2.65 + 3.5 = 8.8			1.69	1.69	2.23	6 (2.9-6.8)	2.31	2.31	2.69	7.3 (3.4-8.4)
2.65 + 3.5 + 3.5 = 9.65			1.54	2.03	2.03	5.6 (2.9-6.8)	2.19	2.56	2.56	7.3 (3.4-8.4)	
3.5 + 3.5 + 3.5 = 10.5			1.87	1.87	1.87	5.6 (2.9-6.8)	2.43	2.43	V	7.3 (3.4-8.4)	

Rated cooling capacity: 5.6kW	Indoor unit combination			Indoor Unit Capacity (kW)							
				Cooling			Heating				
				Room A	Room B	Room C	Total performance	Room A	Room B	Room C	Total performance
				Capacity (Min.-Max.)							
Single-room operation	2.65		= 2.65	2.65			2.65 (1.4-3.2)	3.60		3.6 (1.8 - 4.7)	
2 room operation	2.2 + 2.2 = 4.4			2.20	2.20		4.4 (2.0-5.1)	2.50	2.50	5.0 (2.0-6.4)	
2 room operation	2.65 + 2.65 = 5.3			2.50	2.50		5.0 (2.0-6.3)	3.23	3.23	6.45 (2.3-8.4)	
3 room operation	2.65 + 2.65 + 2.65 = 7.95			1.87	1.87	1.87	5.6 (2.9-6.8)	2.43	2.43	2.43	7.3 (3.4-8.4)

- The SAP-KRV96EHDS indoor unit can be combined with other SAP-KRV96EHDS, however it cannot be combined with other SAP-KMRVxxEH indoor units.
- The table lists the wall-mounted type of indoor units as representative models.
- For details on the connection of indoor units other than the wall-mounted type, refer to the catalogue.

Flexi Multi Indoor Unit Operating Capacities (6 Series) continued

SAP-CMRV2446EH 2.2: SAP-KMRV74/76EH 2.65: SAP-KMRV94/96EH 3.5: SAP-KMRV124/126EH 5.15: SAP-KRV184/186EH 7.1: SAP-KRV244/246EH

Rated cooling capacity: 6.8kW	Indoor unit combination		Indoor Unit Capacity (kW)											
			Cooling					Heating						
			Room A	Room B	Room C	Room D	Total performance Capacity (Min.-Max.)	Room A	Room B	Room C	Room D	Total performance Capacity (Min.-Max.)		
Single room operation	2.2	= 2.2	2.20					2.2 (1.4-2.6)	2.50					2.5 (1.8-4.3)
	2.65	= 2.65	2.65					2.65 (1.4-3.2)	3.60					3.6 (1.8-4.7)
	3.5	= 3.5	3.50					3.5 (1.5-3.6)	4.20					4.2 (1.9-5.1)
	5.15	= 5.15	5.15					5.15 (1.6-5.8)	6.00					6.0 (2.0-7.8)
	7.1	= 7.1	6.80					6.8 (1.6-6.8)	8.00					8.0 (2.0-8.0)
2 room operation	2.2 + 2.2 = 4.4		2.20	2.20				4.4 (2.0-5.1)	2.50	2.50				5.0 (2.0-6.4)
	2.2 + 2.65 = 4.85		2.20	3.65				4.85 (2.0-5.8)	2.50	3.60				6.1 (2.1-7.5)
	2.2 + 3.5 = 5.7		2.20	3.50				5.7 (2.0-6.7)	2.50	4.20				6.7 (2.1-8.3)
	2.2 + 5.15 = 7.35		1.95	4.55				6.5 (2.1-7.7)	2.38	5.72				8.1 (2.4-9.0)
	2.2 + 7.1 = 9.3		1.57	5.08				6.65 (2.1-7.9)	2.01	6.44				8.45 (2.4-9.0)
	2.65 + 2.65 = 5.3		2.65	2.65				5.3 (2.0-6.3)	3.60	3.60				6.45 (2.3-8.4)
	2.65 + 3.5 = 6.15		2.54	3.36				5.9 (2.0-6.8)	3.51	4.09				7.2 (2.3-8.5)
	2.65 + 5.15 = 7.8		2.28	4.42				6.7 (2.1-7.9)	3.08	5.13				7.6 (2.3-8.5)
	2.65 + 7.1 = 9.75		1.85	4.95				6.8 (2.1-7.9)	2.64	5.86				8.5 (2.4-9.0)
	3.5 + 3.5 = 7		3.23	3.23				6.45 (2.0-7.9)	4.00	4.00				8.0 (2.3-8.5)
3.5 + 5.15 = 8.65		2.69	3.96				6.65 (2.1-7.9)	3.42	4.88				8.3 (2.4-9.0)	
3.5 + 7.1 = 10.6		2.25	4.55				6.8 (2.1-7.9)	2.96	5.64				8.6 (2.4-9.0)	
5.15 + 5.15 = 10.3		3.40	3.40				6.8 (2.1-7.9)	4.28	4.28				8.55 (2.4-9.0)	
3 room operation	2.2 + 2.2 + 2.2 = 6.6		2.17	2.17	2.17			6.5 (2.5-7.7)	2.50	2.50	2.50			7.5 (2.7-8.5)
	2.2 + 2.2 + 2.65 = 7.05		2.06	2.06	2.48			6.6 (2.9-7.9)	2.33	2.33	3.35			8.0 (3.0-9.0)
	2.2 + 2.2 + 3.5 = 7.9		1.88	1.88	2.99			6.75 (2.9-7.9)	2.26	2.26	3.79			8.3 (3.2-9.0)
	2.2 + 2.2 + 5.15 = 9.55		1.57	1.57	3.67			6.8 (2.9-7.9)	1.95	1.95	4.69			8.6 (3.4-9.0)
	2.2 + 2.65 + 2.65 = 7.5		1.97	2.37	2.37			6.7 (2.9-7.9)	3.12	3.12	3.12			8.4 (3.4-9.0)
	2.2 + 2.65 + 3.5 = 8.35		1.79	2.16	2.85			6.8 (2.9-7.9)	2.06	2.97	3.47			8.5 (3.4-9.0)
	2.2 + 2.65 + 5.15 = 10		1.50	1.80	3.50			6.8 (2.9-7.9)	1.78	2.56	4.26			8.6 (3.4-9.0)
	2.2 + 3.5 + 3.5 = 9.2		1.63	2.59	2.59			6.8 (2.9-7.9)	1.97	3.31	3.31			8.6 (3.4-9.0)
	2.2 + 3.5 + 5.15 = 10.9		1.38	2.19	3.23			6.8 (2.9-7.9)	1.69	2.84	4.06			8.6 (3.4-9.0)
	2.65 + 2.65 + 2.65 = 7.95		2.27	2.27	2.27			6.8 (2.9-7.9)	2.87	2.87	2.87			8.6 (3.4-9.0)
	2.65 + 2.65 + 3.5 = 8.8		2.05	2.05	2.70			6.8 (2.9-7.9)	2.72	2.72	3.17			8.6 (3.4-9.0)
	2.65 + 2.65 + 5.15 = 10.5		1.72	1.72	3.35			6.8 (2.9-7.9)	2.35	2.35	3.91			8.6 (3.4-9.0)
	2.65 + 3.5 + 3.5 = 9.65		1.87	2.87	2.87			6.8 (2.9-7.9)	2.58	3.01	3.01			8.6 (3.4-9.0)
	2.65 + 3.5 + 5.15 = 11.3		1.59	2.11	3.10			6.8 (2.9-7.9)	2.24	2.62	3.74			8.6 (3.4-9.0)
3.5 + 3.5 + 3.5 = 10.5		2.27	2.27	2.27			6.8 (2.9-7.9)	2.87	2.87	2.87			8.6 (3.4-9.0)	
3.5 + 3.5 + 5.15 = 12.2		1.96	1.96	2.88			6.8 (2.9-7.9)	2.51	2.51	3.58			8.6 (3.4-9.0)	
4 room operation	2.2 + 2.2 + 2.2 + 2.2 = 8.8		1.70	1.70	1.70	1.70		6.8 (2.9-8.1)	2.15	2.15	2.15	2.15		8.6 (3.4-9.0)
	2.2 + 2.2 + 2.2 + 2.65 = 9.25		1.62	1.62	1.62	1.95		6.8 (2.9-8.1)	1.94	1.94	1.94	2.79		8.6 (3.4-9.0)
	2.2 + 2.2 + 2.2 + 3.5 = 10.1		1.48	1.48	1.48	2.36		6.8 (2.9-8.1)	1.84	1.84	1.84	3.09		8.6 (3.4-9.0)
	2.2 + 2.2 + 2.2 + 5.15 = 11.75		1.27	1.27	1.27	2.98		6.8 (2.9-8.1)	1.59	1.59	1.59	3.82		8.6 (3.4-9.0)
	2.2 + 2.2 + 2.65 + 2.65 = 9.7		1.54	1.54	1.86	1.86		6.8 (2.9-8.1)	1.76	1.76	2.54	2.54		8.6 (3.4-9.0)
	2.2 + 2.2 + 2.65 + 3.5 = 10.55		1.42	1.42	1.71	2.26		6.8 (2.9-8.1)	1.68	1.68	2.42	2.82		8.6 (3.4-9.0)
	2.2 + 2.2 + 2.65 + 5.15 = 12.2		1.23	1.23	1.48	2.87		6.8 (2.9-8.1)	1.47	1.47	2.12	3.53		8.6 (3.4-9.0)
	2.2 + 2.2 + 3.5 + 3.5 = 11.4		1.31	1.31	2.09	2.09		6.8 (2.9-8.1)	1.60	1.60	2.70	2.70		8.6 (3.4-9.0)
	2.2 + 2.2 + 3.5 + 5.15 = 13.05		1.15	1.15	1.82	2.68		6.8 (2.9-8.1)	1.41	1.41	2.38	3.39		8.6 (3.4-9.0)
	2.2 + 2.65 + 2.65 + 2.65 = 10.15		1.47	1.78	1.78	1.78		6.8 (2.9-8.1)	1.62	2.33	2.33	2.33		8.6 (3.4-9.0)
	2.2 + 2.65 + 2.65 + 3.5 = 11		1.36	1.64	1.64	2.16		6.8 (2.9-8.1)	1.55	2.23	2.23	2.60		8.6 (3.4-9.0)
	2.2 + 2.65 + 2.65 + 5.15 = 12.65		1.18	1.42	1.42	2.77		6.8 (2.9-8.1)	1.37	1.97	1.97	3.29		8.6 (3.4-9.0)
	2.2 + 2.65 + 3.5 + 3.5 = 11.85		1.18	1.42	1.42	2.77		6.8 (2.9-8.1)	1.48	1.48	2.49	2.49		8.6 (3.4-9.0)
	2.2 + 3.5 + 3.5 + 3.5 = 12.7		1.18	1.87	1.87	1.87		6.8 (2.9-8.1)	1.42	1.42	2.39	2.39		8.6 (3.4-9.0)
	2.65 + 2.65 + 2.65 + 2.65 = 10.6		1.70	1.70	1.70	1.70		6.8 (2.9-8.1)	2.15	2.15	2.15	2.15		8.6 (3.4-9.0)
	2.65 + 2.65 + 2.65 + 3.5 = 11.45		1.57	1.57	1.57	2.08		6.8 (2.9-8.1)	2.06	2.06	2.06	2.41		8.6 (3.4-9.0)
2.65 + 2.65 + 2.65 + 5.15 = 13.1		1.38	1.38	1.38	2.67		6.8 (2.9-8.1)	1.84	1.84	1.84	3.07		8.6 (3.4-9.0)	
2.65 + 2.65 + 3.5 + 3.5 = 12.3		1.47	1.47	1.93	1.93		6.8 (2.9-8.1)	1.98	1.98	2.32	2.32		8.6 (3.4-9.0)	

- The table lists the wall-mounted type of indoor units as representative models.
- For details on the connection of indoor units other than the wall-mounted type, refer to the catalogue.

SAP-CMRV3146EH 2.2: SAP-KMRV74/76EH 2.65: SAP-KMRV94/96EH 3.5: SAP-KMRV124/126EH 5.15: SAP-KRV184/186EH 7.1: SAP-KRV244/246EH

Rated cooling capacity: 8.0kW	Indoor unit combination		Indoor Unit Capacity (kW)									
			Cooling					Heating				
			Room A	Room B	Room C	Room D	Total performance Capacity (Min.-Max.)	Room A	Room B	Room C	Room D	Total performance Capacity (Min.-Max.)
Single room operation	2.2	= 2.2	= 2.2				2.2 (1.5 - 2.6)	2.50				2.5 (1.8 - 4.3)
	2.65	= 2.65	= 2.65				2.65 (1.5 - 3.2)	3.60				3.6 (1.8 - 4.7)
	3.5	= 3.5	= 3.5				3.5 (1.6 - 3.6)	4.20				4.2 (1.9 - 5.1)
	5.15	= 5.15	= 5.15				5.15 (1.7 - 5.8)	6.00				6.0 (2.0 - 7.8)
	7.1	= 7.1	= 7.1				7.1 (1.8 - 7.4)	8.50				8.5 (2.0 - 8.8)
2 room operation	2.2 + 2.2 = 4.4		2.20	2.20			4.4 (2.0 - 5.1)	2.50	2.50			5.0 (2.0 - 6.4)
	2.2 + 2.65 = 4.85		2.20	2.65			4.85 (2.0 - 5.8)	2.50	3.60			6.1 (2.1 - 7.5)
	2.2 + 3.5 = 5.7		2.20	3.50			5.7 (2.0 - 6.7)	2.50	4.20			6.7 (2.3 - 8.3)
	2.2 + 5.15 = 7.35		2.14	5.01			7.15 (2.2 - 7.7)	2.50	6.00			8.5 (3.0 - 9.4)
	2.2 + 7.1 = 9.3		1.81	5.84			7.65 (2.3 - 8.8)	2.01	6.84			8.85 (3.0 - 9.8)
	2.65 + 2.65 = 5.3		2.65	2.65			5.3 (2.0 - 6.5)	3.60	3.60			7.2 (2.4 - 8.5)
	2.65 + 3.5 = 6.15		2.54	3.36			5.9 (2.0 - 7.4)	3.51	4.09			7.6 (2.6 - 8.5)
	2.65 + 5.15 = 7.8		2.46	4.79			7.25 (2.3 - 8.5)	3.24	5.41			8.65 (3.3 - 9.4)
	2.65 + 7.1 = 9.75		2.11	5.64			7.75 (2.3 - 8.8)	2.68	6.32			9.0 (3.3 - 9.8)
	3.5 + 3.5 = 7		3.40	3.40			6.8 (2.2 - 8.4)	4.00	4.00			8.0 (2.9 - 8.5)
	3.5 + 5.15 = 8.65		3.03	4.47			7.5 (2.6 - 8.8)	3.60	5.15			8.75 (3.4 - 9.8)
	3.5 + 7.1 = 10.6		2.61	5.29			7.9 (2.6 - 8.8)	3.01	6.09			9.1 (3.4 - 9.8)
5.15 + 5.15 = 10.3		3.95	3.95			7.9 (2.6 - 8.8)	4.50	4.50			9.0 (3.4 - 9.8)	
5.15 + 7.1 = 12.3		3.36	4.64			8.0 (2.7 - 8.8)	3.89	5.51			9.4 (3.4 - 9.8)	
3 room operation	2.2 + 2.2 + 2.2 = 6.6		2.20	2.20	2.20		6.6 (2.0 - 7.7)	2.50	2.50	2.50		7.5 (2.7 - 9.0)
	2.2 + 2.2 + 2.65 = 7.05		2.20	2.20	2.20		7.05 (2.2 - 8.4)	2.47	2.47	3.56		8.5 (3.0 - 9.2)
	2.2 + 2.2 + 3.5 = 7.9		2.03	2.03	2.03		7.3 (2.4 - 8.6)	2.34	2.34	3.93		8.6 (3.2 - 9.8)
	2.2 + 2.2 + 5.15 = 9.55		1.77	1.77	1.77		7.7 (2.7 - 9.0)	2.01	2.01	4.83		8.85 (3.4 - 9.8)
	2.2 + 2.2 + 7.1 = 11.5		1.53	1.53	1.53		8.0 (2.9 - 9.0)	1.71	1.71	5.82		9.25 (3.4 - 9.8)
	2.2 + 2.65 + 2.65 = 7.5		2.11	2.54	2.54		7.2 (2.3 - 8.6)	2.23	3.21	3.21		8.65 (3.3 - 9.3)
	2.2 + 2.65 + 3.5 = 8.35		1.95	2.35	2.35		7.4 (2.6 - 9.0)	2.12	3.06	3.57		8.75 (3.4 - 9.8)
	2.2 + 2.65 + 5.15 = 10		1.72	2.07	2.07		7.8 (2.9 - 9.0)	1.86	2.68	4.46		9.0 (3.4 - 9.8)
	2.2 + 2.65 + 7.1 = 12		1.47	1.77	1.77		8.0 (2.9 - 9.0)	1.61	2.32	5.47		9.4 (3.4 - 9.8)
	2.2 + 3.5 + 3.5 = 9.2		1.82	2.89	2.89		7.6 (2.7 - 9.0)	2.03	3.41	3.41		8.85 (3.4 - 9.8)
	2.2 + 3.5 + 5.15 = 10.9		1.60	2.55	2.55		7.9 (2.9 - 9.0)	1.79	3.01	4.30		9.1 (3.4 - 9.8)
	2.2 + 3.5 + 7.1 = 12.8		1.38	2.19	2.19		8.0 (2.9 - 9.0)	1.55	2.60	5.26		9.4 (3.4 - 9.8)
	2.2 + 5.15 + 5.15 = 12.5		1.41	3.30	3.30		8.0 (2.9 - 9.0)	1.62	3.89	3.89		9.4 (3.4 - 9.8)
	2.2 + 5.15 + 7.1 = 14.5		1.22	2.85	2.85		8.0 (2.9 - 9.0)	1.38	3.32	4.70		9.4 (3.4 - 9.8)
	2.65 + 2.65 + 2.65 = 7.95		2.43	2.43	2.43		7.3 (2.5 - 8.6)	2.95	2.95	2.95		8.85 (3.4 - 9.4)
	2.65 + 2.65 + 3.5 = 8.8		2.26	2.26	2.26		7.5 (2.7 - 9.0)	2.81	2.81	3.28		8.9 (3.4 - 9.8)
	2.65 + 2.65 + 5.15 = 10.5		2.00	2.00	2.00		7.9 (2.9 - 9.0)	2.51	2.51	4.18		9.2 (3.4 - 9.8)
	2.65 + 2.65 + 7.1 = 12.4		1.71	1.71	1.71		8.0 (2.9 - 9.0)	2.16	2.16	5.09		9.4 (3.4 - 9.8)
	2.65 + 3.5 + 3.5 = 9.65		2.13	2.81	2.81		7.75 (2.7 - 9.0)	2.70	3.15			9.0 (3.4 - 9.8)
	2.65 + 3.5 + 5.15 = 11.3		1.88	2.48	2.48		8.0 (2.9 - 9.0)	2.43	2.83	4.04		9.3 (3.4 - 9.8)
2.65 + 3.5 + 7.1 = 13.3		1.60	2.11	2.11		8.0 (2.9 - 9.0)	2.08	2.42	4.90		9.4 (3.4 - 9.8)	
2.65 + 5.15 + 5.15 = 13		1.64	3.18	3.18		8.0 (2.9 - 9.0)	2.17	3.62	3.62		9.4 (3.4 - 9.8)	
3.5 + 3.5 + 3.5 = 10.5		2.65	2.65	2.65		7.95 (2.9 - 9.0)	3.03	3.03	3.03		9.1 (3.4 - 9.8)	
3.5 + 3.5 + 5.15 = 12.2		2.30	2.30	2.30		8.0 (2.9 - 9.0)	2.73	2.73	3.90		9.35 (3.4 - 9.8)	
3.5 + 3.5 + 7.1 = 14.1		1.99	1.99	1.99		8.0 (2.9 - 9.0)	2.34	2.34	4.73		9.4 (3.4 - 9.8)	
3.5 + 5.15 + 5.15 = 13.8		2.03	2.99	2.99		8.0 (2.9 - 9.0)	2.44	3.48	3.48		9.4 (3.4 - 9.8)	

Flexi Multi Indoor Unit Operating Capacities (6 Series) continued

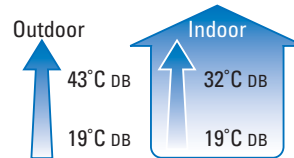
SAP-CMRV3146EH 2.2: SAP-KMRV74/76EH 2.65: SAP-KMRV94/96EH 3.5: SAP-KMRV124/126EH 5.15: SAP-KRV184/186EH 7.1: SAP-KRV244/246EH

Rated cooling capacity: 8.0kW	Indoor unit combination	Indoor Unit Capacity (kW)									
		Cooling					Heating				
		Room A	Room B	Room C	Room D	Total performance Capacity (Min.-Max.)	Room A	Room B	Room C	Room D	Total performance Capacity (Min.-Max.)
4 room operation	2.2 + 2.2 + 2.2 + 2.2 = 8.8	1.88	1.88	1.88	1.88	7.5 (2.9 - 9.2)	2.18	2.18	2.18	2.18	8.7 (3.4 - 9.8)
	2.2 + 2.2 + 2.2 + 2.65 = 9.25	1.82	1.82	1.82	2.19	7.65 (2.9 - 9.2)	1.99	1.99	1.99	2.87	8.85 (3.4 - 9.8)
	2.2 + 2.2 + 2.2 + 3.5 = 10.1	1.71	1.71	1.71	2.72	7.85 (2.9 - 9.2)	1.91	1.91	1.91	3.21	8.95 (3.4 - 9.8)
	2.2 + 2.2 + 2.2 + 5.15 = 11.8	1.50	1.50	1.50	3.51	8.0 (2.9 - 9.2)	1.71	1.71	1.71	4.11	9.25 (3.4 - 9.8)
	2.2 + 2.2 + 2.2 + 7.1 = 13.7	1.28	1.28	1.28	4.15	8.0 (2.9 - 9.2)	1.47	1.47	1.47	4.99	9.4 (3.4 - 9.8)
	2.2 + 2.2 + 2.65 + 2.65 = 9.7	1.76	1.76	2.12	2.12	7.75 (2.9 - 9.2)	1.85	1.85	2.67	2.67	9.05 (3.4 - 9.8)
	2.2 + 2.2 + 2.65 + 3.5 = 10.6	1.66	1.66	2.00	2.64	7.95 (2.9 - 9.2)	1.79	1.79	2.57	3.00	9.15 (3.4 - 9.8)
	2.2 + 2.2 + 2.65 + 5.15 = 12.2	1.44	1.44	1.74	3.38	8.0 (2.9 - 9.2)	1.61	1.61	2.32	3.86	9.4 (3.4 - 9.8)
	2.2 + 2.2 + 2.65 + 7.1 = 14.2	1.24	1.24	1.50	4.01	8.0 (2.9 - 9.2)	1.37	1.37	1.98	4.67	9.4 (3.4 - 9.8)
	2.2 + 2.2 + 3.5 + 3.5 = 11.4	1.54	1.54	2.4	6.46	8.0 (2.9 - 9.2)	1.72	1.72	2.88	2.88	9.2 (3.4 - 9.8)
	2.2 + 2.2 + 3.5 + 5.15 = 13.1	1.35	1.35	2.15	3.16	8.0 (2.9 - 9.2)	1.55	1.55	2.60	3.71	9.4 (3.4 - 9.8)
	2.2 + 2.2 + 5.15 + 5.15 = 14.7	1.20	1.20	2.80	2.80	8.0 (2.9 - 9.2)	1.38	1.38	3.32	3.32	9.4 (3.4 - 9.8)
	2.2 + 2.65 + 2.65 + 2.65 = 10.2	1.70	2.05	2.05	2.05	7.85 (2.9 - 9.2)	1.73	2.49	2.49	2.49	9.2 (3.4 - 9.8)
	2.2 + 2.65 + 2.65 + 3.5 = 11	1.60	1.93	1.93	2.55	8.0 (2.9 - 9.2)	1.67	2.41	2.41	2.81	9.3 (3.4 - 9.8)
	2.2 + 2.65 + 2.65 + 5.15 = 12.7	1.39	1.68	1.68	3.26	8.0 (2.9 - 9.2)	1.50	2.16	2.16	3.59	9.4 (3.4 - 9.8)
	2.2 + 2.65 + 3.5 + 3.5 = 11.9	1.49	1.79	2.36	2.36	8.0 (2.9 - 9.2)	1.62	2.33	2.72	2.72	9.4 (3.4 - 9.8)
	2.2 + 2.65 + 3.5 + 5.15 = 13.5	1.30	1.57	2.07	3.05	8.0 (2.9 - 9.2)	1.44	2.08	2.42	3.46	9.4 (3.4 - 9.8)
	2.2 + 3.5 + 3.5 + 3.5 = 12.7	1.39	2.20	2.20	2.20	8.0 (2.9 - 9.2)	1.56	2.61	2.61	2.61	9.4 (3.4 - 9.8)
	2.2 + 3.5 + 3.5 + 5.15 = 14.4	1.23	1.95	1.95	2.87	8.0 (2.9 - 9.2)	1.39	2.34	2.34	3.34	9.4 (3.4 - 9.8)
	2.65 + 2.65 + 2.65 + 2.65 = 10.6	2.00	2.00	2.00	2.00	8.0 (2.9 - 9.2)	2.35	2.35	2.35	2.35	9.4 (3.4 - 9.8)
2.65 + 2.65 + 2.65 + 3.5 = 11.5	1.85	1.85	1.85	2.45	8.0 (2.9 - 9.2)	2.26	2.26	2.26	2.63	9.4 (3.4 - 9.8)	
2.65 + 2.65 + 2.65 + 5.15 = 13.1	1.62	1.62	1.62	3.15	8.0 (2.9 - 9.2)	2.01	2.01	2.01	3.36	9.4 (3.4 - 9.8)	
2.65 + 2.65 + 3.5 + 3.5 = 12.3	1.72	1.72	2.28	2.28	8.0 (2.9 - 9.2)	2.17	2.17	2.53	2.53	9.4 (3.4 - 9.8)	
2.65 + 2.65 + 3.5 + 5.15 = 14	1.52	1.52	2.01	2.95	8.0 (2.9 - 9.2)	1.94	1.94	2.27	3.24	9.4 (3.4 - 9.8)	
2.65 + 3.5 + 3.5 + 3.5 = 13.2	1.61	2.13	2.13	2.13	8.0 (2.9 - 9.2)	2.09	2.44	2.44	2.44	9.4 (3.4 - 9.8)	
3.5 + 3.5 + 3.5 + 3.5 = 14	2.00	2.00	2.00	2.00	8.0 (2.9 - 9.2)	2.35	2.35	2.35	2.35	9.4 (3.4 - 9.8)	

- The table lists the wall-mounted type of indoor units as representative models.
- For details on the connection of indoor units other than the wall-mounted type, refer to the catalogue.

SAP-PFR122E

- Quiet operation
- Infrared remote control with 4 digital timers to be set on the 24 hour and week-end, night set back, start-up of air-conditioning or dehumidifying or ventilation only modes, temperature digital adjustment and room temperature control by a special sensor inside the remote control
- Double temperature sensor (on remote control/on indoor unit)
- Dry function
- Three-speed fan
- Anti-mould and anti-bacteria washable filters
- Auto restart after a power supply black out
- Electronic protection against over-pressures
- High efficiency rotary compressor
- Optional pipe-extension kits connecting Indoor and Outdoor units (2 and 4m)



Unit model	SAP-PFR122E	
Performance		Cooling
Capacity	kW	2.98
E.E.R.	W/W	3.22
Energy class		A
Annual energy consumption	kWh	463
Fan speed		3 + Auto / 1
Air circulation	m ³ /h	370
Tubing length	m	2
Moisture removal	l/h	1.2
Sound pressure outdoor (H)	dB(A)	45
Sound pressure indoor (L/M/H)	dB(A)	34/36/36
Dimensions - indoor (HxWxD)	mm	790x580x245
Dimensions - outdoor (HxVxD)	mm	435x440x230
Net weight indoor	Kg	44
Net weight outdoor	Kg	9.5
Power supply		1ph/230V/50Hz
Running current	Amps	4.0