





COMMERCIAL SPLIT SYSTEMS (PACi)

# PACi Commercial Split Systems

## New High Performance SPW R410A DC Inverter Split Systems

This year SANYO's experienced design engineers have gone back to the drawing board and completely overhauled our range of Commercial Split Systems. After extensive research and development we can unveil the Elite PACi. With its advanced features and superior design, the Elite PACi is one of the top performing split systems in the industry.

The expanded range of new Commercial Split System is of superior performance and quality, providing more choice for customers.

Specifically designed for commercial and retail applications, the ingenious design of the systems not only overcomes the limitations associated with the installation of traditional split systems, but also offers the end user improved comfort and drastically reduced power consumption.

- Single or three phase power supply across the range
- Low start current of indoor units
- Single, twin, triple and quad options
- Systems pre-charged for 30 metres
- Pipe runs up to 100 metres

The SPW DC inverter systems utilise the non-ozone depleting R410A refrigerant, which gives increased system performance, increased energy-efficiency and improved heat transfer, which results in smaller pipe sizes and more compact indoor units.

## Now range extends from 5kW through to 25kW

The new Elite PACi benefits from increased performance and efficiency, with COP ratings that are some of the highest in the industry. For higher capacities, SANYO's Big PACi is a newly compact design with a twin fan, saving valuable installation space compared to traditional 8-10HP systems.

## Wide capacity range

DC inverter-controlled compressors have an operating range of 25-90Hz, which enables the sine wave to be shortened or lengthened, either slowing the compressor to reduce capacity for the nominal figure (measured at 50Hz) or increasing its speed to offer increased output.

Other factors, such as coil size, restrict the maximum output of the system and SANYO would recommend that equipment is always selected at nominal capacity to ensure the optimum lifespan of the equipment.

## Entire new range of Commercial Split Systems!



Elite PACi



Big PACi



Classic PACi

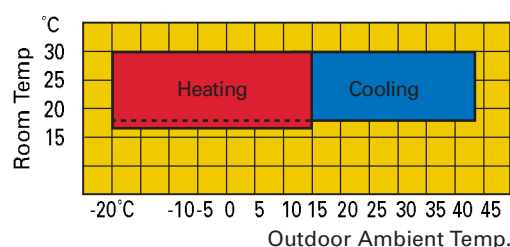


Standard PACi

## Affordable technology

When comparing the COPs of DC inverter systems (which are stated at 100% capacity) with an equivalent fixed speed system, the improved energy-efficiency and consequent lower running costs of the DC inverter can be easily calculated. However, DC Inverters control the room temperature far more precisely, generally operating in part load conditions where the COPs are considerably higher, thereby delivering further substantial energy savings and ensuring that this new technology has an almost immediate payback.

## Operation range (cooling and heat pump model)



\*Cooling operation -20°C to 43°C

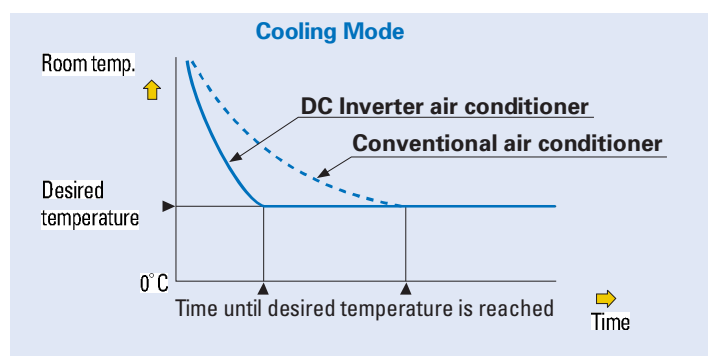
\*Heating operation -20°C to 15°C

Note Heating operation is only for Heat pump model.  
Standard PACi heating operation down to -15°C.

## Taking inverter technology to a new level of comfort

The SPW DC Inverters 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.

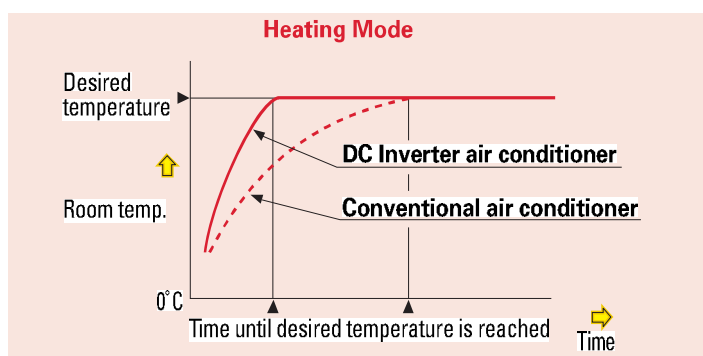
The DC motor uses powerful neodymium magnets, which are approximately 15-20 times stronger than the ferrite magnets used in conventional AC compressors. This, combined with precise digital control, gives the SANYO DC compressor an operation rate 15-20% higher than that of a conventional AC compressor.



## New increased range of indoor units

Not only have the PACi range of outdoor units been completely overhauled, but also our range of indoor units has doubled from four to eight. Added to the range are the XM Mini Cassette, the ultra slim US ducted unit and the specially designed UR square ducted unit with internal filter.

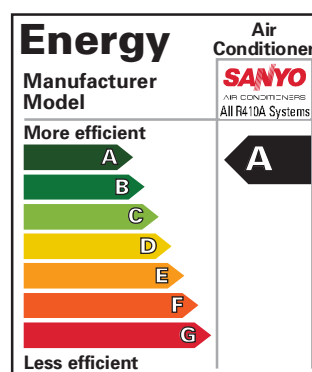
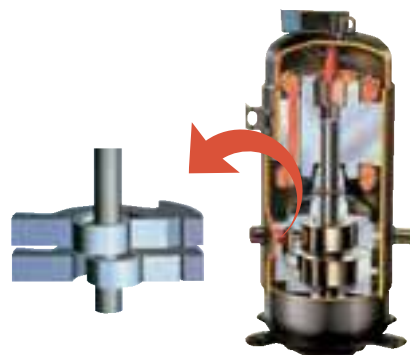
All these units are high-performance and feature rich - just as you would expect from SANYO. They are also designed with the needs of the installer as well as the end user in mind, making installation and maintenance a breeze.



## Twin rotary compressor

The SPW 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.

All SANYO SPW DC inverter systems 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.





# PACi Range Overview

## Indoor units

			Class	12		16		18		25	
Capacity cooling/heating			Kw BTU/h	3.6 12,000	4.2 14,000	4.5 15,000	45.2 17,500	5.0 17,000	5.6 19,000	7.1 24,000	8.0 27,000
Page											
49	KR Type		SPW-KR124GH56B		SPW-KR164GH56B		SPW-KR184GH56B		SPW-KR254GH56B		
50	T Type		SPW-T125H		SPW-T165H		SPW-T185H		SPW-T255H		
51	X Type		SPW-X125H Panel PNR-XD484GHAB		SPW-X165H Panel PNR-XD484GHAB		SPW-X185H Panel PNR-XD484GHAB		SPW-X255H Panel PNR-XD484GHAB		
	XMR		SPW-XMR124EH56B Panel PNR-XM184EHAB		SPW-XMR164EH56B Panel PNR-XM484EHAB		SPW-XMR184EH56B Panel PNR-XM484EHAB				
52	<b>NEW</b> XM Type		SPW-XM125H Panel PNR-XM185		SPW-XM165H Panel PNR-XM185		SPW-XM185H Panel PNR-XM185				
54	US Type		SPW-US125H		SPW-US165H		SPW-US185H				
55	U Type		SPW-U125H		SPW-U165H		SPW-U185H		SPW-U225H		
56	<b>NEW</b> UR Type with filter						SPW-U185SHT		SPW-U225SHT		
	UM Type		SPW-UMR124EH56B		SPW-UMR164EH56B		SPW-UMR184EH56B				
	FT Type - floor/ceiling mounted units		SPW-FTR124EH56B		SPW-FTR164EH56B		SPW-FTR184EH56B				
59 and 63	D Type										





## Outdoor units

		HP	2		3		4		5	
		Class	18		25		36		48	
Capacity cooling/heating		Kw	5.0	5.6	7.1	8.0	10.0	11.2	12.5	14.0
		BTU/h	17,000	19,000	24,000	27,500	34,000	38,000	42,500	48,000
Page										
48	<b>NEW</b>									
	<b>Elite</b>									
	1 phase: 220-240V; 50Hz		SPW-C186VEH		SPW-C256VEH		SPW-C366VEH		SPW-C486VEH	
	3 phase: 380-415V; 50/60Hz		-		SPW-C256VEH8*		SPW-C366VEH8*		SPW-C486VEH8*	
60	<b>Standard</b>									
	1 phase: 220-240V; 50/60Hz		SPW-CR184GVH56B		SPW-CR254GVH56B		SPW-CR364GVH56B		SPW-CR484GVH56B	
	3 phase: 380-415V; 50Hz		-		SPW-CR254GVH8B		SPW-CR364GVH8B		SPW-CR484GVH8B	
61	<b>NEW</b>									
	<b>Classic</b>									
	1 phase: 220-240V; 50/60Hz		-		SPW-CR256VH		SPW-CR366VH		SPW-CR486VH	
	3 phase: 380-415V; 50Hz		-		SPW-CR256VH8*		SPW-CR366VH8*		SPW-CR486VH8*	

\*Green coloured models are in planning

	36		48		60		70		90		Functions
	10.0	11.2	12.5	14.0	14.0	16.0	20.0	22.4	25.0	28.0	
	34,000	38,000	42,500	48,000	48,000	54,500	68,200	76,400	85,300	85,500	
											LONG LIFE FILTER 
	SPW-T365H		SPW-T485H		SPW-T605H						LONG LIFE FILTER  
	SPW-X365H Panel PNR-XD484GHAB		SPW-X485H Panel PNR-XD484GHAB		SPW-X605H Panel PNR-XD484GHAB						LONG LIFE FILTER   
											LONG LIFE FILTER   
											LONG LIFE FILTER   
											LONG LIFE FILTER 
	SPW-U365H		SPW-U485H		SPW-U605H						
	SPW-U365SHT		SPW-U485SHT		SPW-U605SHT						LONG LIFE FILTER 
											LONG LIFE FILTER 
											LONG LIFE FILTER
							SPW-D0705H		SPW-D0905H		

	6		8		10	
	60	70	70	90	90	
	14.0	16.0	20.0	22.4	25.0	28.0
	48,000	54,500	68,200	76,400	85,300	95,500
	<div>NEW</div> <div>BIG PACi</div> 					
	SPW-C606VEH	-	-			
	SPW-C606VEH8*	SPW-C706VCH	SPW-C906VCH			
						
	SPW-CR604GVH56B	-	-			
	SPW-CR604GVH8B	-	-			
	-	-	-			
	SPW-CR606VH8*	-	-			

Long life filter	
Built-in drain pump	
Automatic flap	
Automatic swing	

Single phase - SPW-C186VEH SPW-C256VEH SPW-C366VEH SPW-C486VEH SPW-C606VEH  
Three phase - SPW-C256VEH8 SPW-C366VEH8 SPW-C486VEH8 SPW-C606VEH8

**NEW**

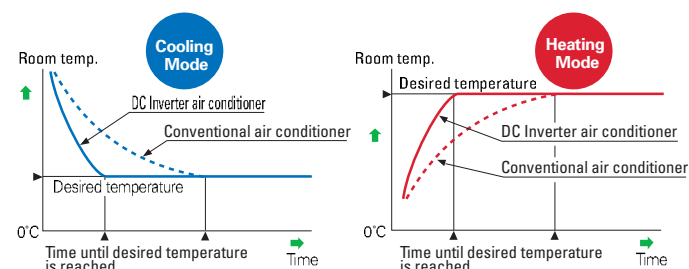
The newly designed and engineered Elite PACi is one of the top performers of its type in the industry. Especially designed for light commercial projects where efficiency and performance must not be compromised, the Elite PACi boasts many advanced features. SANYO's DC inverter technology offers outstanding heating and cooling power with quieter operation and energy-saving.

- Newly designed heat exchanger and outdoor fan means that COP ratings are some of the highest in the industry
- Piping length has been increased by 40% to 70m
- Reduced refrigerant charge to help comply with F-Gas regulations
- Now operates at temperatures as low as -20°C in heating and cooling mode
- New compact and lightweight design for ease of installation
- Available in single phase and three phase
- Very quiet operation with sounds levels from just 53 dB(A)
- Ideal for enhancing the air quality in shops, restaurants and other businesses
- Up to 4 indoor units can be fitted on multi-split systems
- Now 8 different styles of indoor units to provide more flexibility for different applications



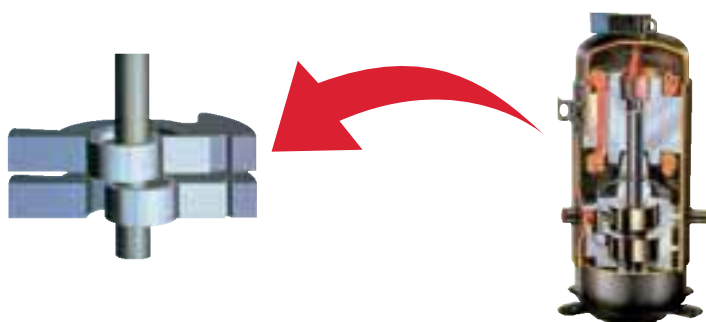
### Quick start up - takes half the time to reach cool or warm air

SANYO DC inverter technology has efficient rapid heating and cooling capacity which is produced by variable compressor rotation speed; it ensures quicker control of room temperature than conventional air conditioners.



### High efficiency - COPs of up to 4.05

Elite PACi uses a twin rotary compressor. The dual rotors revolve smoothly in a well-balanced fashion for stable and efficient performance. This contributes to increased comfort and rapid heating and cooling as well as ultra-quiet operation.



# KR Wall Mounted Unit

## Elite PACi

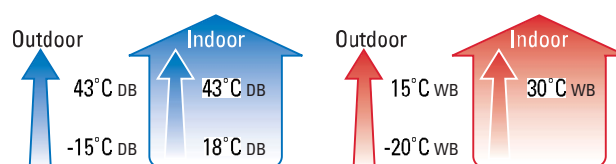
R410A

INVERTER  
Air Conditioner

SPW-KR184GH56B SPW-KR254GH56B

The slimline designed KR Type Wall Mounted is small and light, making it ideal for commercial applications. It is also available in a wide variety of capacities.

- Simple, versatile design with anti-mould filters as standard
- Twin rotary compressor dramatically reduces vibration and noise during operation
- Cooling and heating operation down to -15°C
- Low operating sound levels from 32 dB(A)
- Single phase electrical supplier
- Multifunctional wireless remote control with built-in temperature control
- Twin, triple and quadruple split options



### Controller Options

Timer remote controller



RCS-TM80BG

Wireless remote controller



RCS-SH1BGB

RCS-BH80AG.WLB

Simplified remote controller



RCS-KR1AGB

### Washable front panel

The indoor unit's front panel can be easily removed and washed for trouble-free cleaning.



For more technical specifications please refer to our new "PACi" Series product brochure 2008



# T Type Ceiling Mounted Unit

## Elite PACi

**R410A**

**INVERTER**  
Air Conditioner

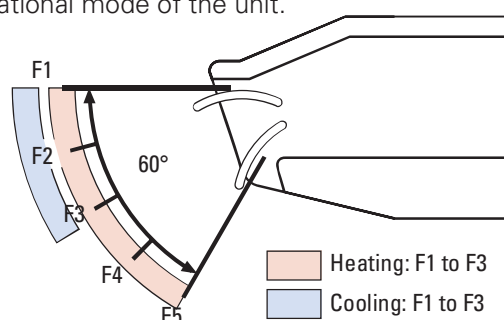
SPW-T185H SPW-T255H SPW-T365H SPW-T485H SPW-T605H

The range of ceiling mounted systems feature a **DC fan motor for increased efficiency and reduced operating sound levels. All the units are the same height and depth for a uniform appearance in mixed installations and feature a fresh air knockout for improved air quality.**

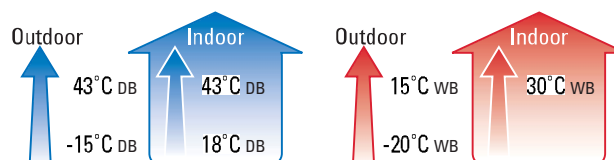
- All units just 210mm high
- Twin rotary compressor dramatically reduces vibration and noise during operation
- DC inverter control
- Large and wide air distribution
- SANYO DC fan motor for increased efficiency
- Cooling and heating operation down to -15°C
- Industry low sound levels
- Twin, triple and quadruple split options



Air distribution is automatically altered depending on the operational mode of the unit.



## Controller Options



		INVERTER HEAT PUMP					
		size 366		size 486		size 606	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	10.0	11.2	12.5	14.0	14.0	16.0
Power input	kW	2.75	2.87	3.71	3.88	4.95	4.84
EER/COP	W/W	3.64	3.90	3.37	3.62	2.83	3.31
Energy class		A	A	A	A	C	B
Running amperes 1ph	A	13.1	13.6	19.1	18.8	25.3	24.7
Annual energy consumption (cooling)	kWh	1375	-	-	-	-	-
Indoor Unit		SPW-T365H		SPW-T485H		SPW-T605H	
Air-circulation	(H/M/L) m³/h	1650/1380/1260		1800/1560/1320		1800/1560/1320	
Moister removal	Litres/h	3.9	-	5.6	-	5.6	-
Sound power level	(H) dB(A)	58		60		60	
Sound pressure level	(H/M/L) dB(A)	41/38/35		43/40/37		43/40/37	
Dimensions	(HxWxD) mm	210/1595/680		210/1595/680		210/1595/680	
Net weight	kg	33		33		33	
Power supply	V, ph, Hz	230, 1 + N, 50					
Outdoor Unit		SPW-C366VEH		SPW-C486VEH		SPW-C606VEH	
Sound power level	(H) dB(A)	70	-	72	-	73	-
Sound pressure level	(H) dB(A)	52.0	53.0	53.0	54.0	54.0	56.0
Dimensions	(H/W/D) mm	1330x940x410		1330x940x410		1330x940x410	
Net weight	kg	90		95		95	
Power supply	V, ph, Hz	230, 1 + N, 50					
Refrigerant Circuit		size 366		size 486		size 606	
Tube diameter narrow/wide	Inches	3/8, 5/8		3/8, 5/8		3/8, 5/8	
Max piping length	m	70		70		70	
Max elevation difference - O.U. above/below I.U.	m	30 / 15		30 / 15		30 / 15	
Chargeless piping length	m	30		30		30	
Amount of additional refrigerant	g/m	40		40		40	

# X Type 4 Way Blow Cassette System

## Elite PACi

**R410A**

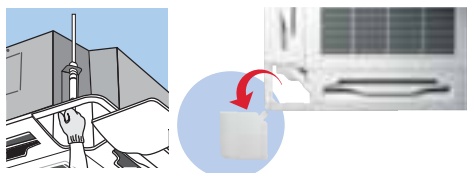
**INVERTER**  
Air Conditioner

SPW-X125H SPW-X165H SPW-X185H SPW-X255H SPW-X365H SPW-X485H SPW-X605H

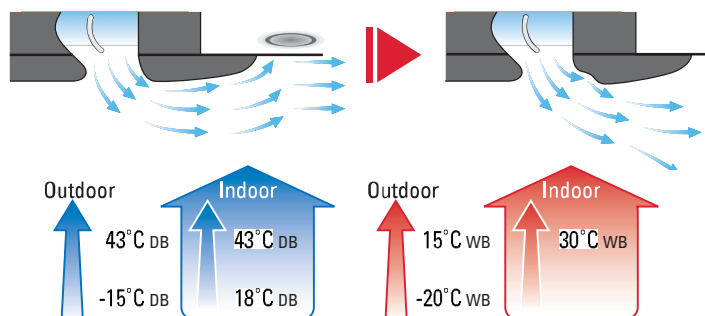
The award winning range of X Type cassettes are smaller, shallower and lighter than previous models and feature a 950 x 950mm panel throughout. The DC fan motor and new air discharge louvre ensure quiet, optimum air distribution.

- New compact design
- Twin rotary compressor dramatically reduces vibration and noise during operation
- Reduced sound levels
- DC fan motor for increased efficiency
- Cooling and heating operation down to -15°C
- Powerful drain pump gives 850mm lift
- Fresh air knockout for improved air quality
- Twin, triple and quadruple split options

### Easy installation



The airflow is directed away from the unit to help prevent the smudging effect so often seen on ceiling tiles.



### Controller Options



		INVERTER HEAT PUMP					
		size 366		size 486		size 606	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	10.0	11.2	12.5	14.0	14.0	16.0
Power input	kW	2.50	2.80	3.57	3.66	4.37	4.54
EER/COP	W/W	4.00	4.00	3.50	3.83	3.20	3.52
Energy class	-	A	A	A	A	A	B
Running amperes 1ph	A	11.9	13.3	17.4	17.7	22.3	23.2
Annual energy consumption (cooling)	kWh	1250	-	-	-	-	-
Indoor Unit		SPW-X365H		SPW-X485H		SPW-X605H	
Air-circulation	(H/M/L) m³/h	1680/1380/1260		1980/1500/1320		2040/1620/1380	
Moister removal	Litres/h	3.9	-	4.6	-	4.8	-
Sound power level	(H) dB(A)	56		59		59	
Sound pressure level	(H/M/L) dB(A)	39/36/33		42/38/34		44/40/36	
Dimensions HxWxD - including Panel	mm	354/950/950		354/950/950		354/950/950	
Net weight	kg	30.5		30.5		30.5	
Power supply	V, ph, Hz			230, 1 + N, 50			
Outdoor Unit		SPW-C366VEH		SPW-C486VEH		SPW-C606VEH	
Sound power level	(H) dB(A)	70	-	72	-	73	-
Sound pressure level	(H) dB(A)	52.0	53.0	53.0	54.0	54.0	56.0
Dimensions	(H/W/D) mm	1330x940x410		1330x940x410		1330x940x410	
Net weight	kg	90		95		95	
Power supply	V, ph, Hz			230, 1 + N, 50			
Refrigerant Circuit		size 366		size 486		size 606	
Tube diameter narrow/wide	Inches	3/8, 5/8		3/8, 5/8		3/8, 5/8	
Max piping length	m	70		70		70	
Max elevation difference - O.U. above/below I.U.	m	30 / 15		30 / 15		30 / 15	
Chargeless piping length	m	30		30		30	
Amount of additional refrigerant	g/m	40		40		40	

# XM Type Mini Semi-Concealed Cassette

## Elite PACi

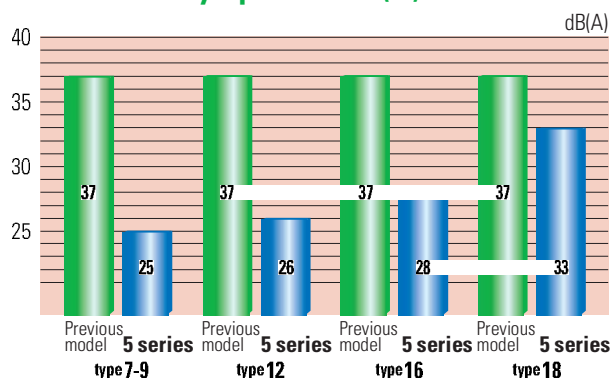
SPW-XM125H SPW-XM165H SPW-XM185H

Designed to fit exactly into a 600x600mm ceiling grid without the need to alter the bar configuration, the XM is ideal for small commercial and retro fit applications.

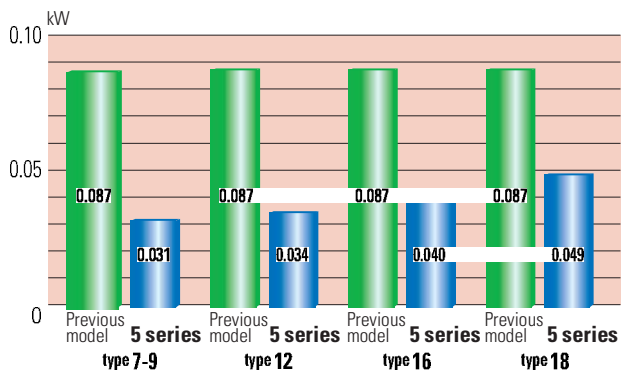
In addition, the improvements to efficiency make this one of the most advanced units in the industry.

- Fresh air knock out
- Multidirectional air flow
- Integrated drain pump gives 250mm lift
- 3 speed centrifugal fan
- Anti-mould and anti-bacteria washable filters

New turbo fans and heat exchanger fins with improved design - and the operating sound has been reduced by up to 12 dB(A)



Significant reduction of power consumption by using newly developed DC fan motors with variable speed, new heat exchangers, etc

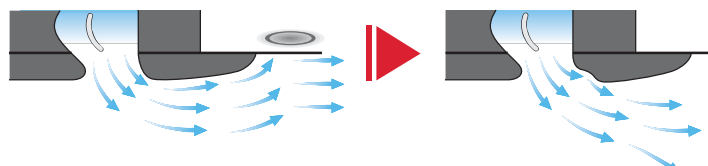


**NEW**



### Discharge opening and flap with new design

The condensate and dirt that appears near the discharge ports of conventional ceiling cassettes have been reduced.



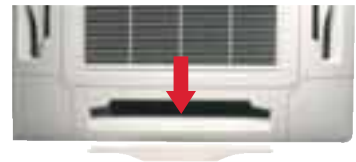
Previous

The discharged air hits the ceiling and causes dirt.



New ceiling cassette

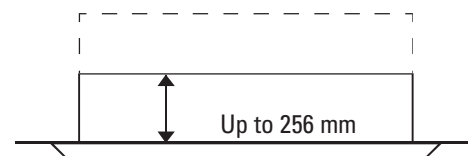
Upward air flow is suppressed.



The flap can be removed easily for washing.

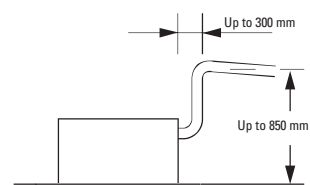
### Lighter and slimmer, easier installation

A lightweight unit at 26 kg (for type 36-60), the unit is also very slim with a height only 256 mm (7-25), making installation possible even in narrow ceilings.



### A drain height of approx. 850 mm from the ceiling surface

The drain height can be increased by approx. 350 mm over the conventional value by using a high-lift drain pump, and long horizontal piping is possible.





### Controller Options

Timer remote controller



RCS-TM80BG

Wireless remote controller

RCS-XM18BG.WL



RCS-BH80BG.WL



Simplified remote controller



RCS-KR1AGB

Panel



PNR-XM185

			INVERTER HEAT PUMP		
Model name			SPW-XM125H	SPW-XM165H	SPW-XM185H
Power source			220/230/240V, 1 phase-50,60Hz		
Cooling capacity		kW	3.6	4.5	5.0
		BTU/h	12,000	15,000	17,000
Heating capacity		kW	4.2	5.2	5.6
		BTU/h	14,000	17,500	19,000
Moisture removal (High)		Litres/h	1.1	1.5	1.9
Power input	Cooling	kW	0.026/0.02 /0.027	0.030/0.031/0.031	0.037/0.038/0.038
	Heating	kW	0.017/0.017/0.018	0.020/0.021/0.021	0.029/0.029/0.029
Running amperes	Cooling	A	0.18/0.18/0.17	0.21/0.21/0.20	0.29/0.29/0.28
	Heating	A	0.15/0.15/0.14	0.18/0.18/0.17	0.26/0.26/0.25
Fan motor	Type		Centrifugal fan		
	Airflow rate (H/M/L)	m³/min	9/8/7	10.7/8.5/7.5	12.5/10.5/9
	Output	kW		0.020	
Power sound level (H/M/L)		dB(A)	49/46/42	53/48/45	58/54/50
Operating sound (H/M/L)		dB(A)	32/29/26	36/32/28	41/37/33
Dimensions	Height	mm	283		
	Width	mm	575<625>		
	Depth	mm	575<625>		
	Liquid (Flare)	mm	6.35(1/4)		
Piping connections	Gas (Flare)	mm	12.7(1/2)		
	Drain piping		VP-20		
Net weight		kg	16+<2.4>		



# US Type Ultra-Slim Concealed Duct

## Elite PACi

**R410A**

**INVERTER**  
Air Conditioner

SPW-US125H SPW-US165H SPW-US185H

The new-ultra slim US Type is one of the leading products of its type in the industry. With a depth of only 200mm it provides greater flexibility and can be used in far more applications. In addition, its high-efficiency and extremely quiet sound levels make it very popular with many users, including hotels and small offices.

- Ultra-slim profile: 200mm for all models
- Reduced power consumption by 50%
- 40pa static pressure
- Extremely quiet: 26 dB(A) at low speed (class 7,9,12)
- Anti-mould washable filters included
- Easy maintenance and service by an external electrical box
- 3 speed centrifugal fan through wired or wireless remote control
- DC fan motor reduces power consumption
- Ideal for applications with limited false ceiling space
- Built in drain pump

**NEW**



### Controller Options

Timer remote controller



RCS-TM80BG

Wireless remote controller

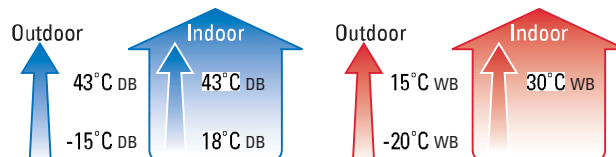


RCS-BH80AG.WLB

Simplified remote controller



RCS-KR1AGB



Model name			SPW-US125H	SPW-US165H	SPW-US185H
Power source			220/230/240V, 1 phase-50,60Hz		
Cooling capacity			kW	3.6	4.5
			BTU/h	12,000	15,000
Heating capacity			kW	4.2	5.2
			BTU/h	14,000	17,500
Power input	Cooling	kW	0.042/0.042/0.042	0.049/0.049/0.049	0.064/0.064/0.064
	Heating	kW	0.032/0.032/0.032	0.039/0.039/0.039	0.054/0.054/0.054
Running amperes	Cooling	A	0.31/0.31/0.31	0.37/0.37/0.37	0.48/0.48/0.48
	Heating	A	0.28/0.28/0.28	0.34/0.34/0.34	0.45/0.45/0.45
Fan motor	Type		Sirocco fan		
	Airflow rate (H/M/L)	m³/min	9/8/7	10.5/9.5/8	12.5/11.5/10
	Output	kW	0.05		
External static pressure	Standard	Pa	15		
	High static pressure	Pa	40		
Power sound level (H/M/L)			dB(A)	47/45/43	49/47/45
Operating sound (H/M/L)			dB(A)	32/30/28	34/32/30
Moisture removal (High)			Litres/h	1.2	1.7
Unit dimensions	Height	mm	200		
	Width	mm	750		
	Depth	mm	640		
	Height	mm	220		
Package dimensions	Width	mm	1030		
	Depth	mm	745		
Piping connections	Liquid (flare)	mm	6.35(1/4)		
	Gas (flare)	mm	12.7(1/2)		
	Drain piping		VP-20 (OD26)		
Net weight			kg	19	23
Shipping weight			kg	23	23
Shipping volume			m³	0.169	0.169



# U Type Ducted Systems

## Elite PACi

**R410A**

**INVERTER**  
Air Conditioner

SPW-U365H SPW-U485H SPW-U605H

The U Type ducted systems are the ideal solution for flexible, concealed air conditioning and the standard 200mm spigots ensure simple, hassle-free connection to spiral ductwork.

- Extremely quiet operation from 25dB(A)
- Integrated drain pump gives 785mm lift
- Auto restart after power failure
- Auto changeover
- Twin, triple and quadruple split options

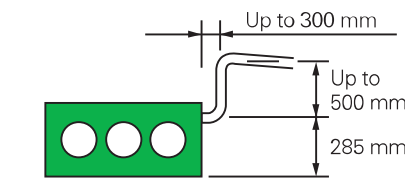
The new powerful built-in drain pump has an improved lift of 785mm.



Indoor Unit Size	Pa	254	364	484
Standard	Pa	50	79	78
With booster cable	Pa	92	122	113

Flexible air distribution is achieved by discharge grilles.

The static pressure can be increased by using a booster cable, which is particularly useful should the ductwork layout be changed after the initial installation.



## Controller Options

Timer remote controller



RCS-TM80BG

Wireless remote controller

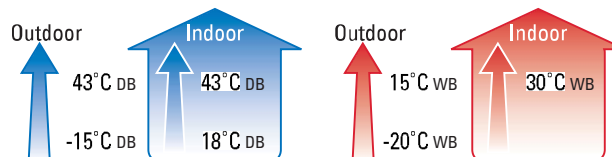


RCS-BH80AG.WLB

Simplified remote controller



RCS-KR1AGB



		INVERTER HEAT PUMP							
		size 366		size 486		size 606			
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating		
Capacity	kW	10.0	11.2	12.5	14.0	14.0	16.0		
Power input	kW	2.89	3.07	4.10	4.13	4.96	5.08		
EER/COP	W/W	3.46	3.65	3.05	3.39	2.82	3.15		
Energy class	-	A	A	B	B	C	C		
Running amperes 1ph	A	13.5	14.3	19.2	19.7	24.9	25.5		
Annual energy consumption (cooling)	kWh	1445	-	-	-	-	-		
Indoor Unit		SPW-U365H		SPW-U485H		SPW-U605H			
Air-circulation	(H/M/L) m³/h	1800/1560/1260		1980/1800/1500		1980/1800/1500			
Moister removal	Litres/h	4.2	-	6.6	-	6.6	-		
Sound power level	(H) dB(A)	64		66		66			
Sound pressure level (H/M/L) (with booster cable)	dB(A)	38/33/31 (42/38/33)		40/37/33 (44/40/37)		40/37/33 (44/40/37)			
Dimensions	(HxWxD) mm	310/1480/630		310/1480/630		310/1480/630			
Net weight	kg	47		47		47			
Power supply	V, ph, Hz			230, 1 + N, 50					
Outdoor Unit		SPW-C366VEH		SPW-C486VEH		SPW-C606VEH			
Sound power level	(H) dB(A)	70	-	72	-	73	-		
Sound pressure level	(H) dB(A)	52.0	53.0	53.0	54.0	54.0	56.0		
Dimensions	(H/W/D) mm	1330x940x410		1330x940x410		1330x940x410			
Net weight	kg	90		95		95			
Power supply	V, ph, Hz			230, 1 + N, 50					
Refrigerant Circuit		size 366		size 486		size 606			
Tube diameter narrow/wide	Inches	3/8, 5/8		3/8, 5/8		3/8, 5/8			
Max piping length	m	70		70		70			
Max elevation difference - O.U. above/below I.U.	m	30/15		30/15		30/15			
Chargeless piping length	m	30		30		30			
Amount of additional refrigerant	g/m	40		40		40			

# UR Type Concealed Duct

## Elite PACi

SPW-U185SHT SPW-U255SHT SPW-U365SHT SPW-U485SHT SPW-U605SHT

The new UR Type is designed specifically for applications requiring fixed square ducting. With internal filter and 10kW cooling capacity the UR Type is ideal for installations such as apartments.

- Powerful and compact design for easier installation in any commercial space
- High static pressure available for optimum air distribution
- Low operating sound levels
- R410A refrigerant
- Highly efficient scroll compressor
- Piping length up to 100m
- Cooling and heating operation down to -15°C
- Air off sensors avoids cold air dumping
- Multifunctional wireless remote control with built-in temperature control
- Piping outlet in 3 directions
- Fresh air knockout for improved air quality

### The static pressure outside the unit can be increased

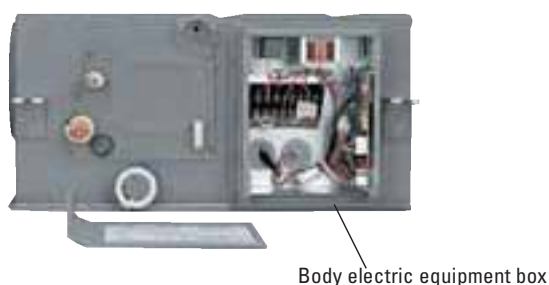
By using the booster cable, the static pressure outside the unit can be increased.

type	7-9-12	16-18	25	36	46-60
standard	49	40	50	79	78
with booster cable use	69	62	92	122	113

(Pa)

### Easy maintenance by external installation of the electric equipment box

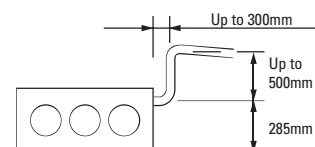
#### System example



**NEW**

### Drain pump with increased power

By adoption of a high-lift drain pump, the drain piping rise height can be increased to 785 mm from the lower surface of the body.



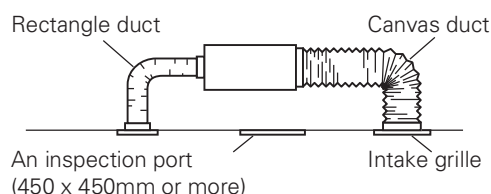
### Unified body height of approx. 310 mm for all models

Even models with different capacities can be installed smoothly in the ceiling.

### Lowest noise levels in the industry

### Anti-mould washable filters included

An inspection port (450 x 450mm or more) is required at the lower side of the unit body.





## Controller Options

Timer remote controller



RCS-TM80BG

Wireless remote controller

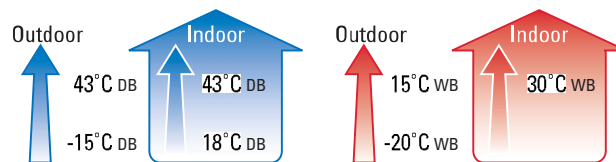


RCS-BH80AG.WLB

Simplified remote controller



RCS-KR1AGB



		INVERTER HEAT PUMP					
		size 366		size 486		size 606	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	10.0	11.2	12.5	14.0	14.0	16.0
Power input	kW	2.89	3.07	4.10	4.13	4.96	5.08
EER/COP	W/W	3.46	3.65	3.05	3.39	2.82	3.15
Energy class	-	A	A	B	B	C	C
Running amperes 1ph	A	13.5	14.3	19.2	19.7	24.9	25.5
Annual energy consumption (cooling)	kWh	1445	-	-	-	-	-
Indoor Unit		SPW-U365SHT		SPW-U485SHT		SPW-U605SHT	
Air-circulation	(H/M/L) m³/h	1800/1560/1260		1980/1800/1500		1980/1800/1500	
Moister removal	Litres/h	4.2	-	6.6	-	6.6	-
Sound power level	(H) dB(A)	64		66		66	
Sound pressure level (H/M/L) (with booster cable)	dB(A)	38/33/31 (42/38/33)		40/37/33 (44/40/37)		40/37/33 (44/40/37)	
Dimensions	(HxWxD) mm	310/1480/686		310/1480/686		310/1480/686	
Net weight	kg	47		47		47	
Power supply	V, ph, Hz	230, 1 + N, 50					
Outdoor Unit		SPW-C366VEH		SPW-C486VEH		SPW-C606VEH	
Sound power level	(H) dB(A)	70	-	72	-	73	-
Sound pressure level	(H) dB(A)	52.0	53.0	53.0	54.0	54.0	56.0
Dimensions	(H/W/D) mm	1330x940x410		1330x940x410		1330x940x410	
Net weight	kg	90		95		95	
Power supply	V, ph, Hz	230, 1 + N, 50					
Refrigerant Circuit		size 366		size 486		size 606	
Tube diameter narrow/wide	Inches	3/8, 5/8		3/8, 5/8		3/8, 5/8	
Max piping length	m	70		70		70	
Max elevation difference - O.U. above/below I.U.	m	30/15		30/15		30/15	
Chargeless piping length	m	30		30		30	
Amount of additional refrigerant	g/m	40		40		40	

SPW-C706VH8 SPW-C906VH8

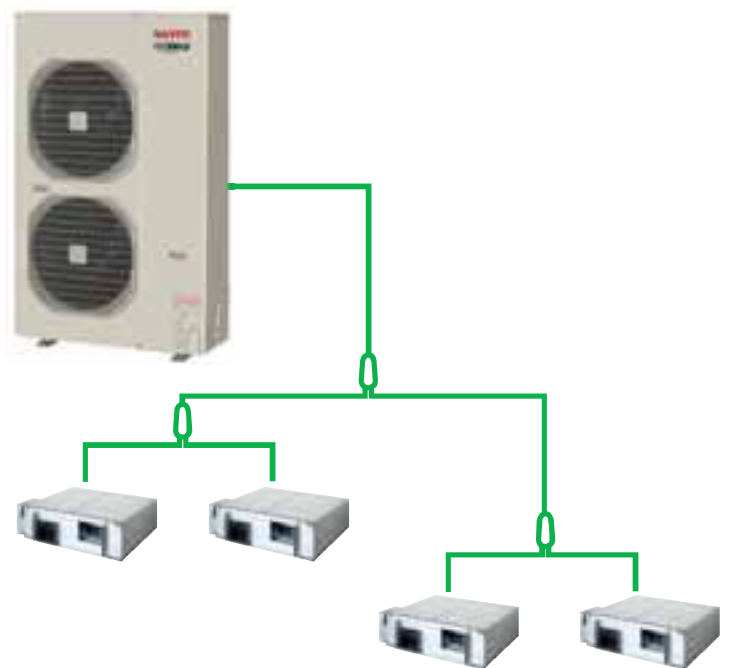
## Powerful performance in a compact space

**SANYO's Big PACi breaks new ground in offering high-performance and power in a small space. The Big PACi is ideally suited for large retail applications and other large areas not needing the higher capacities of VRF systems. The new lightweight and compact design enables easier installation in any commercial space. The twin fan system saves valuable footprint compared to traditional 8-10HP systems which have a larger footprint design.**

The new high capacity range of condensing units utilises highly efficient twin scroll compressors and R410A refrigerant. The outdoor unit can be mounted up to 100 metres away from its associated indoor unit. The result is a very flexible cooling and heating solution for large commercial applications. The outdoor units are capable of providing heating and cooling down to -15°C, ensuring a comfortable environment all year round, and each can be matched with a single ducted unit or up to four indoor units of the same type.

- Compact twin fan design saving on valuable footprint
- Highly efficient inverter compressor
- Reduced weight
- Forward discharge fan - unique design for this size capacity unit
- High capacity 8-10 HP
- Maximum pipe length 100m (more than 40% longer than other split systems)
- 3 phase
- Simultaneous operation with multiple combinations (only with common indoor units)
- Twin, triple and quad systems available
- Now 8 different styles of indoor units to provide more flexibility for different applications
- Operates at temperatures as low as -15°C in heating and cooling mode

**NEW**



# D Range High Static Systems

## Big PACi

**R410A**

**INVERTER**  
Air Conditioner

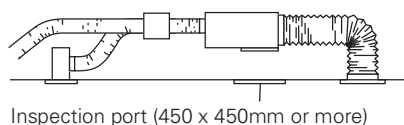
D0705H8 D0905H8

The D range high static ducted systems are the ideal solution for flexible, concealed air conditioning of large areas such as retail and entertainment projects.

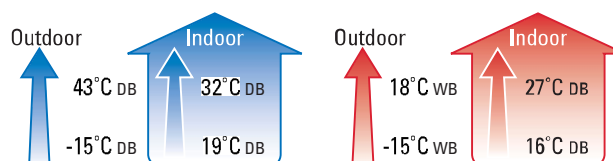
- High static pressure available for optimum air distribution
- Low operating sound levels
- R410A refrigerant
- Highly efficient scroll compressor
- Piping length up to 100m
- Cooling and heating operation down to -15°C
- Multifunctional wireless remote control with built-in temperature control
- Piping outlet in three directions
- Fresh air knockout for improved air quality

### System example

An inspection port (450 x 450mm or more) is required at the lower side of the indoor unit body. Distributor (field supply)



The D range of high capacity ducted units make an ideal solution when heating or cooling large open plan areas such as car showrooms, theatres, studios and similar applications. The high static pressure (215pa - size 905) makes the use of extended ductwork practicable, which allows the indoor unit to be concealed within a suitable area of the building.



### Options

Timer remote controller



RCS-TM80BG

Wireless remote controller




RCS-BH80AG.WLB

Simplified remote controller



RCS-KR1AGB

Big PACi					
Model size	NEW 70		NEW 90		
Capacity	kW	Cooling	Heating	Cooling	Heating
		20.0	22.4	25.0	28.0
D Type		D0705H8		D0905H8	

For more technical specifications please refer to our new "PACi" Series product brochure 2008



# Classic PACi

Single phase SPW-C256VH SPW-C366VH SPW-C486VH SPW-C606VH  
Three phase SPW-C256VH8 SPW-C366VH8 SPW-C486VH8 SPW-C606VH8

**NEW**

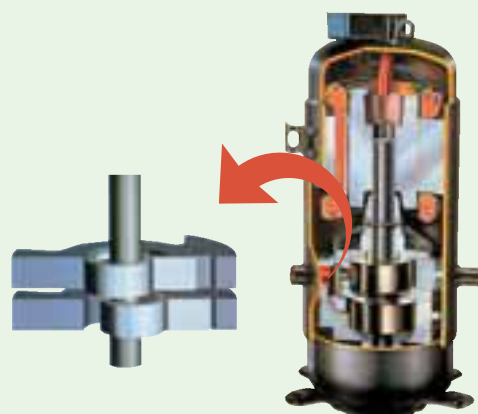
## Classic PACi for economy and value

**SANYO's new Classic PACi is the perfect solution for projects which demand quality on a limited budget. With high quality design and engineering, the Classic PACi offers reliability and robust operation. In addition, its compact size and light weight make it ideal for installations with limited space including small commercial and residential applications.**

- New single fan design
- SANYO DC inverter compressor
- Quality design and engineering
- Compact size saving valuable footprint
- Lightweight
- Low start current
- Great value and reliability at a low capital cost
- Available in four sizes (3, 4, 5 and 6 HP)
- Available in both single and three phase
- Pipe runs up to 50m
- Ideal for small commercial and residential applications
- Up to 4 indoor units can be fitted on multi-split systems
- Now 8 different styles of indoor units to provide more flexibility for different applications
- Operates at temperatures as low as -15°C in heating mode



**Uses SANYO's advanced DC inverter compressor**



Classic PACi								
HP	3		4		5		6	
Performance	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity kW	7.1	8.0	10.0	11.2	12.5	14.0	14.0	16.0
Single phase	SPW-C256VH		SPW-C366VH		SPW-C486VH		SPW-C606VH	
3 phase	SPW-C256VH8		SPW-C366VH8		SPW-C486VH8		SPW-C606VH8	

For more technical specifications, please refer to our new "PACi" Series product brochure 2008

# Standard PACi Range

## R410A

### SANYO's Standard commercial split systems range still available

Specifically designed for commercial and retail applications, the ingenious design of the systems not only overcomes the limitations associated with the installation of traditional split systems, but also offers the end user improved comfort and drastically reduced power consumption.

- Single or three phase power supply across the range
- Low start current across the range
- Complete range of indoor units
- Single, twin, triple and quad options
- Systems pre-charged for 30 metres
- Pipe runs up to 100 metres

The SPW DC Inverter systems utilise the non-ozone depleting R410A refrigerant, which gives increased system performance, increased energy-efficiency and improved heat transfer, resulting in smaller pipe sizes and more compact indoor units.

### Wide capacity range

DC inverter controlled compressors have an operating range of 25-90Hz, which enables the sine wave to be shortened or lengthened, either slowing the compressor to reduce capacity from the nominal figure (measured at 50Hz) or increasing its speed to offer increased output.

### Affordable technology

When comparing the COPs of DC Inverter systems (which are stated at 100% capacity) with an equivalent fixed speed system, the improved energy-efficiency and consequent lower running costs of the DC Inverter can be easily calculated. However, DC Inverters control the room temperature far more precisely, generally operating in part load conditions where the COPs are considerably higher, thereby delivering further substantial energy savings and ensuring that this new technology has an almost immediate payback.



SPW-CR184GVH56



SPW-CR254GVH56/8  
SPW-CR364GVH56/8



SPW-CR484GVH56/8  
SPW-CR604GVH56/8



C0705H  
C0905H

## KR Wall Systems

### Standard PACi

## R410A

**INVERTER**  
Air Conditioner



INVERTER HEAT PUMP						
			size 184		size 254	
Performance			Cooling	Heating	Cooling	Heating
Capacity	kW		5.00	5.60	7.10	8.00
Power input	W		1625	1735	2360	2260
EER/COP			3.08	3.23	3.01	3.54
Energy class			B	C	B	B
Running current/AMPs 1ph/3ph	A		8.4	8.9	12.7/3.9	12.2/3.8
Indoor Unit			SPW-KR184GH56B		SPW-KR254GH56B	
Air circulation	(H/M/L)	m³/h	780/660/480		1140/960/720	
Sound pressure level	(H/M/L)	dB(A)	38/34/30		41/37/34	
Dimensions	(HxWxD)	mm	285x995x203		330x1140x228	
Outdoor Unit			SPW-CR184GVH56		SPW-CR254GVH56/H8	
Sound pressure level	(H/L)	dB(A)	46/43	47/43	47/45	49/45
Dimensions	(HxWxD)	mm	565x790(+70)x285		780x940x340	
Net weight	kg		40		58	
Power supply*			220-240V/1ø 50Hz		220-240V/1ø 50Hz	400V/3ø+N 50Hz
Recommended fuse rating	AMP		16		20	10
Refrigerant Circuit			size 184		size 254	
Pipe size suction/discharge	Inches		1/4, 1/2		3/8, 5/8	
Max piping length	m		40		50	
Precharged piping length	m		30		30	
Amount of additional refrigerant	g/m		20		40	
Recommended fuse size	AMP		20		20	
Communication cables	mm		2 core 0.75mm shielded			

\* Power supply to outdoor unit. The indoor unit can take its power from the outdoor unit or from a separate supply.

# X Type 4 Way Blow Cassette Systems

## Standard PACi

# R410A

# INVERTER

## Air Conditioner



		INVERTER HEAT PUMP									
		size 184		size 254		size 364		size 484		size 604	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	5.00	5.60	7.10	8.00	10.00	11.20	12.50	14.00	14.00	16.00
Power input	W	1497	1398	2130	2070	3120	2960	3860	3830	4610	4650
EER/COP		3.34	4.01	3.33	3.86	3.21	3.78	3.24	3.66	3.04	3.44
Energy class		A	A	A	A	A	A	A	A	B	B
Running current/AMPs 1ph/3ph	A	8.5	8.9	12.8/4.0	12.2/3.8	16.3/5.7	15.2/5.2	20.4/7.2	20.2/7.1	26.5/9.1	24.0/8.2
Indoor Unit		SPW-X185H		SPW-X255H		SPW-X365H		SPW-X485H		SPW-X605H	
Air circulation	(H/M/L) m³/h	960/840/780		1200/960/840		1680/1380/1260		1980/1500/1320		2040/1620/1380	
Sound pressure level	(H/M/L) dB(A)	31/29/27		34/31/28		39/36/33		42/38/34		44/40/36	
Dimensions - Unit	(HxWxD) mm	256x840x840		256x840x840		319x840x840		319x840x840		319x840x840	
Outdoor Unit		SPW-CR184GVH56		SPW-CR254GVH56/H8		SPW-CR364GVH56/H8		SPW-CR484GVH56/H8		SPW-CR604GVH56/H8	
Sound pressure level	(H/L) dB(A)	46/43	47/43	47/45	49/45	51/45	52/45	52/45	53/45	53/45	54/45
Dimensions	(HxWxD) mm	565x790(+70)x285		780x940x340		780x940x340		1230x940x340		1230x940x340	
Net weight	kg	40		58		65		100		100	
Power supply*		220-240V/1ø 50Hz		220-240V/1ø 50Hz 400V/3ø+N 50Hz							
Recommended fuse rating	AMP	16		20	10	25	10	25	16	32	16
Refrigerant Circuit		size 184		size 254		size 364		size 484		size 604	
Pipe size suction/discharge	Inches	1/4, 1/2		3/8, 5/8		3/8, 5/8		3/8, 5/8		3/8, 5/8	
Max piping length	m	40		50		50		50		50	
Precharged piping length	m	30		30		30		30		30	
Amount of additional refrigerant	g/m	20		40		40		40		40	
Recommended fuse size	AMP	20		20		32		32		40	
Communication cables	mm	2 core 0.75mm shielded									

\* Power supply to outdoor unit. The indoor unit can take its power from the outdoor unit or from a separate supply.

# T Type Ceiling Systems

## Standard PACi

# R410A

# INVERTER

## Air Conditioner



		INVERTER HEAT PUMP									
		size 184		size 254		size 364		size 484		size 604	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	5.30	5.60	7.10	8.00	10.00	11.20	12.50	14.00	14.00	16.00
Power input	W	1801	1669	2350	2250	3290	3050	4120	4070	5250	4750
EER/COP		2.78	3.36	3.02	3.56	3.04	3.67	3.03	3.44	2.67	3.36
Running current/AMPs 1ph/3ph	A	8.5	9.0	12.8/4.1	12.3/4.0	16.2/5.8	15.1/5.4	20.3/7.1	20.0/7.0	26.6/9.2	24.2/8.4
Indoor Unit		SPW-T185H		SPW-T255H		SPW-T365H		SPW-T485H		SPW-T605H	
Air circulation	(H/M/L) m³/h	780/660/540		1100/900/840		1650/1380/1200		1800/1560/1320		1920/1620/1380	
Sound pressure level	(H/M/L) dB(A)	36/33/30		38/36/33		41/38/35		43/40/37		45/41/38	
Dimensions	(HxWxD) mm	210x910x680		210x1180x680		210x1595x680		210x1595x680		210x1595x680	
Outdoor Unit		SPW-CR184GVH56		SPW-CR254GVH56/H8		SPW-CR364GVH56/H8		SPW-CR484GVH56/H8		SPW-CR604GVH56/H8	
Sound pressure level	(H/L) dB(A)	46/43	47/43	47/45	49/45	51/45	52/45	52/45	53/45	53/45	54/45
Dimensions	(HxWxD) mm	565x790(+70)x285		780x940x340		780x940x340		1230x940x340		1230x940x340	
Net weight	kg	40		58		65		100		100	
Power supply*		220-240V/1ø 50Hz		220-240V/1ø 50Hz 400V/3ø+N 50Hz							
Refrigerant Circuit		size 184		size 254		size 364		size 484		size 604	
Pipe size suction/discharge	Inches	1/4, 1/2		3/8, 5/8		3/8, 5/8		3/8, 5/8		3/8, 5/8	
Max piping length	m	40		50		50		50		50	
Precharged piping length	m	30		30		30		30		30	
Amount of additional refrigerant	g/m	20		40		40		40		40	
Recommended fuse size	AMP	20		20		32		32		40	
Communication cables	mm	2 core 0.75mm shielded									

\* Power supply to outdoor unit. The indoor unit can take its power from the outdoor unit or from a separate supply.

# U Type Ducted Systems

## Standard PACi

# R410A

# INVERTER

## Air Conditioner



		INVERTER HEAT PUMP									
		size 184		size 254		size 364		size 484		size 604	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	5.00	5.60	7.10	8.00	10.00	11.20	12.50	14.00	14.00	16.00
Power input	W	1843	1831	2490	2380	3530	3280	4340	4290	5060	4980
EER/COP		2.71	3.06	2.85	3.36	2.83	3.36	2.88	3.26	2.77	3.21
Running current/AMPs 1ph/3ph	A	8.7	9.1	13.3/4.6	12.7/4.4	17.1/6.7	16.0/6.2	21.1/7.9	20.7/7.8	27.1/9.7	24.7/8.9
Indoor Unit		SPW-U185H		SPW-U255H		SPW-U365H		SPW-U485H		SPW-U605H	
Air circulation	(H/M/L) m³/h	720/630/540		1080/900/780		1800/1560/1260		1980/1560/1320		2040/1620/1440	
External static pressure	(H) Pa	40 (62)		50 (92)		79 (122)		78 (113)		78 (113)	
Sound pressure level	(H/M/L) dB(A)	30/28/25		34/30/27		38/33/31		40/37/33		45/42/38	
Dimensions	(HxWxD) mm	310x700x630		310x1000x630		310x1480x630		310x1480x630		310x1480x630	
Spigot	No.	2		3		4		4		4	
Outdoor Unit		SPW-CR184GVH56		SPW-CR254GVH56/H8		SPW-CR364GVH56/H8		SPW-CR484GVH56/H8		SPW-CR604GVH56/H8	
Sound pressure level	(H/M/L) dB(A)	46/43	47/43	47/45	49/45	51/45	52/45	52/45	53/45	53/45	54/45
Dimensions	(HxWxD) mm	565x790(+70)x285		780x940x340		780x940x340		1230x940x340		1230x940x340	
Net weight	kg	40		58		65		100		100	
Power supply*		220-240V/1ø 50Hz		220- 40V/1ø 50Hz 400V/3ø+N 50Hz							
Refrigerant circuit		size 184		size 254		size 364		size 484		size 604	
Pipe size suction/discharge	Inches	1/4, 1/2		3/8, 5/8		3/8, 5/8		3/8, 5/8		3/8, 5/8	
Max piping length	m	40		50		50		50		50	
Precharged piping length	m	30		30		30		30		30	
Amount of additional refrigerant	g/m	20		40		40		40		40	
Recommended fuse size	AMP	20		20		32		32		40	
Communication cables	mm	2 core 0.75mm shielded									

\* Power supply to outdoor unit. The indoor unit can take its power from the outdoor unit or from a separate supply.

# D Range High Static Ducted Systems

## Standard PACi

# R410A



			CONSTANT SPEED HEAT PUMP			
			size 705		size 905	
Performance			Cooling	Heating	Cooling	Heating
Capacity	kW		20.00	22.40	25.00	28.00
Power input	W		7150	7370	10080	10170
EER/COP			2.80	3.04	2.48	2.75
Running current/AMPs	A		14.8	15.2	21.1	21.2
Indoor Unit			SPW-D705H8		SPW-D905H8	
Air circulation	(H/M/L)	m³/h	3360/3186/2976		4320/4200/3960	
Sound pressure level	(H/M/L)	dB(A)	48/47/46		51/50/49	
Dimensions	(HxWxD)	mm	467x1428x1230		467x1428x1230	
Outdoor Unit			SPW- C0705H8		SPW- C0905H8	
Sound pressure level	(H/L)	dB(A)	54.5/49.5		55.0/50.0	
Dimensions	(HxWxD)	mm	1543x890(+75)x890		1543x890(+75)x890	
Net weight	kg		276		276	
Power supply*			400V/ 3ø+N 50Hz			
Refrigerant Circuit			size 705		size 905	
Pipe size suction/discharge	Inches		1/2/7/8		1/2/1 1/8	
Max piping length	m		100		100	
Precharged piping length	m		30		30	
Amount of additional refrigerant	g/m		80		80	
Recommended fuse size	AMP		32		32	
Communication cables	mm		2 core 0.75mm shielded			

\* Power supply to outdoor unit. The indoor unit can take its power from the outdoor unit or from a separate supply.

# Standard PACi Range Multi Systems

# R410A



The SPW DC inverter system is the ideal versatile solution for air conditioning irregularly shaped or open plan areas, as 2, 3 or 4 indoor units can operate in multi-split configuration from a single outdoor unit.

Any combination of indoor unit style with a common capacity can operate in a single mode to provide an economical solution where effective air distribution is required.

Outdoor unit	Performance		Combination		
	Cooling	Heating	TWIN	TRIPLE	QUAD
SPW-CR254 - Inverter model	7.1	8.0	12 x 2		
SPW-CR364 - Inverter model	10.0	11.2	18 x 2	12 x 3	
SPW-CR484 - Inverter model	12.5	14.0	25 x 2	16 x 3	12 x 4
SPW-CR604 - Inverter model	14.0	16.0	25 x 2	18 x 3	16 x 4
SPW-C0705 - Constant speed model	20.0	22.4	36 x 2	25 x 3	18 x 4
SPW-C0905 - Constant speed model	25.0	28.0	48 x 2	36 x 3	25 x 4

Indoor unit		SPW-TDR124GH56(B)	SPW-TDR164GH56(B)	SPW-TDR184GH56(B)	SPW-TDR254GH56(B)	SPW-TDR364GH56(B)
Air-circulation	(H/M/L) m³/h	780/660/540	720/600/540	780/660/540	1100/900/840	1650/1380/1200
Sound power level	(H) dB(A)	46	46	47	49	52
Sound pressure level	(H/M/L/Quiet) dB(A)	35/32/30	35/32/30	36/33/30	38/36/33	41/38/35
Dimensions	(HxWxD) mm	210x910x680	210x910x680	210x910x680	210x1180x680	210x1595x680
Net weight	kg	21	21	21	25	33

Ceiling mounted unit		SPW-XDR124GH56	SPW-XDR164GH56	SPW-XDR184GH56	SPW-XDR254GH56	SPW-XDR364GH56	SPW-XDR484GH56
Air circulation	(H/M/L) m³/h	930/840/780	930/840/780	960/840/780	1200/960/840	1680/1380/1260	1980/1500/1320
Sound pressure level	(H/M/L) dB(A)	31/29/27	31/29/27	31/29/27	34/31/28	39/36/33	42/38/34
Dimensions - unit	(HxWxD) mm	256x840x840	256x840x840	256x840x840	256x840x840	319x840x840	319x840x840
Dimensions - panel	(HxWxD) mm	35x950x950	35x950x950	35x950x950	35x950x950	35x950x950	35x950x950
Net weight - unit	kg	21	21	21	22	26	26
Net weight - panel	kg	4.5	4.5	4.5	4.5	4.5	4.5
Power supply		220-240V/1ø 50Hz					

Floor mounted unit		SPW-FTR124EH56B	SPW-SPW-FTR164EH56B	SPW-FTR184EH56B
Air circulation	(H/M/L) m³/h	630/540/450	720/650/580	720/650/580
Sound power level	(H) dB(A)	60/54/49	62/58/54	62/58/54
Sound pressure level	(quiet H/M/L) dB(A)	49/43/38	51/47/43	51/47/43
Dimensions	(HxWxD) mm		680x8900x190	
Net weight	kg		23.5	
Power supply		220-240V/1ø 50Hz		

Wall mounted unit		SPW-KR124GH56	SPW-KR164GH56	SPW-KR184GH56	SPW-KR254GH56
Air circulation	(H/M/L) m³/h	720/600/420	720/600/420	780/660/480	1140/960/720
Sound pressure level	(H/M/L) dB(A)	35/31/27	35/31/27	38/34/30	41/37/34
Dimensions	(HxWxD) mm	285x995x203	285x995x203	285x995x203	330x1140x228
Net weight	kg	12	12	12	21
Power supply		220-240V/1ø 50Hz			

Ceiling mounted unit		SPW-T125H	SPW-T165H	SPW-T185H	SPW-T255H	SPW-T365H	SPW-T485H
Air circulation	(H/M/L) m³/h	780/660/540	720/600/540	780/660/540	1100/900/840	1650/1380/1200	1800/1560/1320
Sound pressure level	(H/M/L) dB(A)	35/32/30	35/32/30	36/33/30	38/36/33	41/38/35	43/40/37
Dimensions	(HxWxD) mm	210x910x680	210x910x680	210x910x680	210x1180x680	210x1595x680	210x1595x680
Net weight	kg	21	21	21	25	33	33
Power supply		220-240V/1ø 50Hz					

Indoor unit		SPW-UR124GH56(B)	SPW-UR164GH56(B)	SPW-UR184GH56(B)	SPW-UR254GH56(B)	SPW-UR364GH56(B)	SPW-UR484GH56(B)
Air-circulation	(H/M/L) m³/h	600/510/420	720/630/540	720/630/540	1080/900/780	1800/1560/1260	1980/1560/1320
External static pressure std (booster)	Pa	40 (62)	50 (92)	40 (62)	50 (92)	79 (122)	78 (113)
Sound power level	(H) dB(A)	49	50	50	54	58	60
Sound pressure level	(H/M/L) dB(A)	29/26/22	30/28/25	30/28/25	34/30/27	38/33/31	40/37/33
Dimensions	(HxWxD) mm	310x700x630	310x1000x630	310x700x630	310x1000x630	310x1480x630	310x1480x630
Net weight	kg	24	25	25	32	47	47

Concealed duct		SPW-U125H	SPW-U165H	SPW-U185H	SPW-U255H	SPW-U365H	SPW-U485H
Air circulation	(H/M/L) m³/h	600/510/420	720/630/540	720/630/540	1080/900/780	1800/1560/1260	1980/1560/1320
External static pressure std (booster)	Pa	40 (62)	50 (92)	40 (62)	50 (92)	79 (122)	78 (113)
Sound pressure level	(H/M/L) dB(A)	29/26/22	30/28/25	30/28/25	34/30/27	38/33/31	40/37/33
Dimensions	(HxWxD) mm	310x700x630	310x1000x630	310x700x630	310x1000x630	310x1480x630	310x1480x630
Net weight	kg	24	25	25	32	47	47
Power supply		220-240V/1ø 50Hz					



# Controller Options



The Touch Screen web-enabled controller - SHA-KT256EG with web control and e-mail alarm generation enables a "S net" network system to be connected to the Internet via an IP address with up to 256 indoor units.

- Schedule operation of zone, tenant, and units in a group
- Tenant billing for cooling or heating consumed over a time period
- Use of schedule timer is possible for remote time control over a number of indoor units



The RCS-TM80BG standard wired remote controller is ideally suited for most commercial applications, allowing for mode, room temperature and time schedules to be easily set up and adjusted by an end user.

- Standard individual controller also allows group control of up to 8 units
- 7 day programmable with day omission and set back control
- Full self-diagnosis facility with detailed performance history



The Wireless remote controller - RCS-SH80AG.WL/RCS-TH80AG.WL/RCS-BH80AG.WLB/RCS-TRP80AG.WL/RCS-SH80ANG.WL/RCS-SH1AG.

- Standard individual controller also allows group control of up to 8 units
- Allows for combinations of indoor units to be controlled from 1 infrared remote control handset
- Up to 2 remote controllers can be connected per group



The RCS-KR1AG simplified remote control is ideal for areas where limited access to the control functions of a system is desired such as open plan offices or hotel bedrooms.

- Standard individual controller also allows group control of up to 8 units
- Includes built-in air temperature sensor
- Up to 2 remote controllers can be connected per group



The SHA-TM64AG weekly timer enables the control of up to 8 groups with a maximum of 64 indoor units. It can be used in conjunction with all room controllers.

- 7 day timer with 3 operations per day
- The controller can be used in conjunction with SHA-KC64AG for group control
- Temporary cancellation of the time schedule is possible



The SHA-KC64AG system controller provides overall system management of up to 64 indoor units in 4 zones. It can be used in conjunction with all room controllers.

- 3 levels of prohibitive control restricts local functionality of room controllers
- Common alarm, operation outputs and remote start/stop inputs available
- 2 system controllers can be installed on a single "S net" network system



This interface is a communications converter for connecting LonWorks to the SANYO air conditioner unit (PACi, ECOii, GHP) control network.

From the host connected to LonWorks, basic settings and status monitoring is possible for up to 16 groups of A/C units.