



EVERY BUILDING MATTERS

SINGLE-SPLIT PACKAGED AIR CONDITIONERS

2022/23



Do not add or replace refrigerant other than the specified type.
Manufacturer is not responsible for the damage and deterioration
in safety due to usage of other refrigerant.



Panasonic[®]

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QUALITY AIR FOR LIFE

Panasonic provides ideal solutions for large-capacity air conditioning needs.



Range of Indoor Units

Capacity	18K	24K	30K	36K	45K	55K
Cassette		 S-24PUY2F5		 S-36PUY2F5	 S-45PUY2F5	
Hide-Away Medium Static Pressure Models	 S-18PFY2F5	 S-24PFY2F5	 S-30PFY2F5	 S-36PFY2F5		
Hide-Away Medium Static Pressure Models					 S-45PFY2F5	 S-55PFY2F5

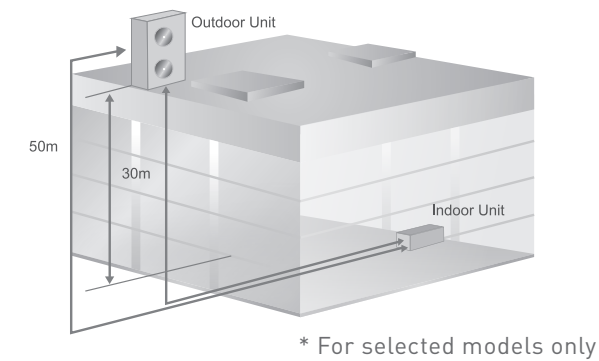
Range of Outdoor Units

Capacity	18K	24K	30K	36K	45K	55K
Cassette Hide-Away Middle / High Static Pressure Models	 U-18PWY2F5	 U-24PWY2F5	 U-30PWY2F5	 U-36PWY2F5	 U-45PWY2F8	 U-55PWY2F8

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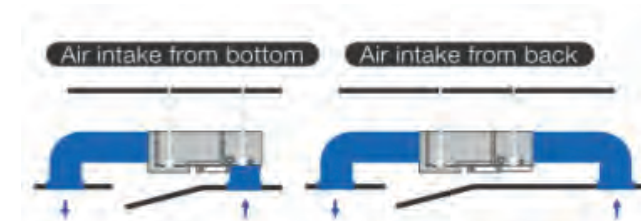
Panasonic offers a range of turnkey air conditioning solutions for homes, medium-sized buildings such as offices and restaurants. These products offer maximum effectiveness, comply with the strictest environmental standards and meet the most avant-garde construction of our time. Because offering you the best in cooling solution matters.

Increased Piping Length ▶



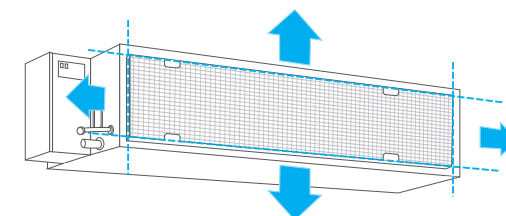
Selectable Air Inlet ▶

Air inlet position can be adjusted to enable rear or bottom entry*



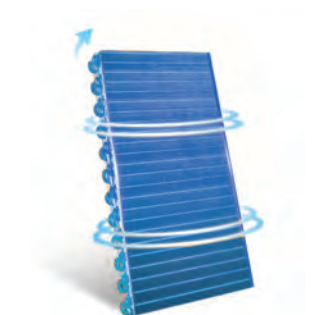
Easy Cleaning Filter ▶

The filter can be easily removed or installed from the bottom for ease of cleaning



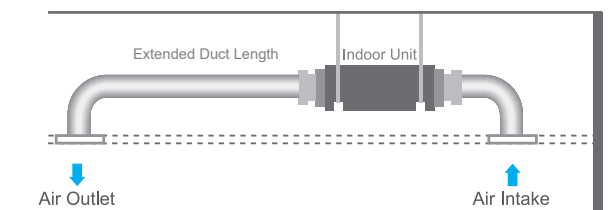
Blue Fin ▶

Unique "Blue"coating on the condenser provides protection against corrosive elements



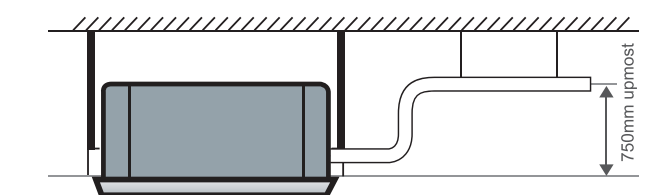
Superior air distribution ▶

Variable External static pressure adjustment up to 200 Pa *



Hi-Lift drain pump for Cassette Units ▶

The drain pump can lift the condensing water up to 750mm.



Non-Inverter
Hide Away



Duct Type

	Indoor Model		S-18PFY2F5	S-24PFY2F5	S-30PFY2F5	S-36PFY2F5	S-45PFY2F5	S-55PFY2F5
	Outdoor Model		U-18PWY2F5	U-24PWY2F5	U-30PWY2F5	U-36PWY2F5	U-45PWY2F8	U-55PWY2F8
Power Source	V/Phase/Hz		240-220V,1Ph,50Hz	240-220V,1Ph,50Hz	240-220V,1Ph,50Hz	240-220V,1Ph,50Hz	415-380V,3Ph,50Hz	415-380V,3Ph,50Hz
Cooling Capacity (T1*)	kW		5.28	7.04	8.42	9.83	13.14	15.34
	Btu/h		18000	24000	28700	33500	44800	52300
Cooling Capacity (T3**)	kW		4.84	6.45	7.48	8.54	11.73	13.85
	Btu/h		16500	22000	25500	29100	40000	47200
Rated Input Current (T1*)	A		6.7	8.1	10.5	12.4	7.1	7.9
Power Input (T1*)	kW		1.53	1.89	2.40	2.85	3.86	4.39
EER	W/W		3.45	3.72	3.51	3.45	3.40	3.49
	(Btu/h)/W		11.76	12.70	11.96	11.75	11.61	11.91
Indoor Unit								
Air Volume	Hi-Me-Lo	m3/hour	1050/850/730	1500/1350/1200	2250/2100/1900	2300/2100/1850	2550/2410/2150	3100/2750/2420
		ft3/min	618/500/430	883/795/706	1324/1236/1118	1354/1236/1089	1501/1419/1266	1825/1619/1424
External Static Pressure (Range)	Pa		0-80	0-80	0-80	0-80	0-100	0-200
Sound Pressure Level	Hi-Me-Lo	dB (A)	43/41/39	49/47/45	48/46/44	50/47/45	51/49/47	56/53/51
Dimensions	(WxDxH)	mm	920x570x210	920x570x210	1200x800x300	1200x840x300	1200x840x300	1200x550x380
Net Weight		kg	26	26	45	45	46	56
Outdoor Unit								
Sound Pressure Level		dB (A)	54	57	57	60	59	59
Dimensions	(WxHxD)	mm	900x650x315	900x805x360	900x805x360	940x910x340	940x1250x340	940x1365x390
Net Weight		kg	46	55	61	72	98	101
Piping Connections	Liquid/Gas	mm(inch)	Φ6.35/Φ12.7 (1/4"-1/2")	Φ9.52/Φ15.88 (3/8"-5/8")	Φ9.52/Φ15.88 (3/8"-5/8")	Φ9.52/Φ19.05 (3/8"-3/4")	Φ9.52/Φ19.05 (3/8"-3/4")	Φ9.52/Φ19.05 (3/8"-3/4")
Max. Pipe Length		m	25	25	30	30	50	50
Elevation Difference		m	15	15	20	20	30	30
Operating Range,Outdoor	Min-Max	deg C	16~55	16~55	16~55	16~55	16~55	16~55

* T1 : Indoor 27 Deg C DB/ 19 Deg C WB ; Outdoor : 35Deg C
** T3 : Indoor 29Deg C DB/ 19 Deg C WB ; Outdoor : 46Deg C

Remote Controller



Wired remote controller

Non-Inverter
Cassette



Cassette Type

	Indoor Model		S-24PUY2F5	S-36PUY2F5	S-45PUY2F5
	Outdoor Model		U-24PWY2F5	U-36PWY2F5	U-45PWY2F8
Power Source	V/Phase/Hz		240-220V,1Ph,50Hz	240-220V,1Ph,50Hz	415-380V,3Ph,50Hz
Cooling Capacity (T1*)	kW		6.92	9.65	12.38
	Btu/h		23600	32900	42200
Cooling Capacity (T3**)	kW		5.95	8.13	10.77
	Btu/h		20300	27700	36700
Rated Input Current (T1*)	A		8.5	11.9	6.7
Power Input (T1*)	kW		1.94	2.75	3.65
EER	W/W		3.57	3.51	3.39
	(Btu/h)/W		12.16	11.96	11.56
Indoor Unit					
Air Volume	Hi-Me-Lo	m3/hour	1550/1200/950	1950/1750/1570	2050/1850/1650
		ft3/min	912/706/559	1148/1030/924	1207/1089/971
Sound Pressure Level	Hi-Me-Lo	dB (A)	48/46/44	50/48/45	55/51/48
Dimensions(Body)	(WxDxH)	mm	830x830x230	830x830x290	830x830x290
Dimensions(Panel)	(WxDxH)	mm	950x45x950	950x45x950	950x45x950
Net Weight (Body)		kg	24	30	31
Net Weight (Panel)		kg	6	6	6
Outdoor Unit					
Sound Pressure Level		dB (A)	57	60	59
Dimensions	(HXWXD)	mm	900x805x360	940x910x340	940x1250x340
Net Weight		kg	55	72	98
Piping Connections	Liquid/Gas	mm(inch)	Φ 9.52/ Φ 15.88 (3/8"-5/8")	Φ 9.52/ Φ 19.05 (3/8"-3/4")	Φ 9.52/ Φ 19.05 (3/8"-3/4")
Max. Pipe Length		m	25	30	50
Elevation Difference		m	15	20	30
Operating Range,Outdoor	Min-Max	deg C	16 ~ 55	16~55	16~55

* T1 : Indoor 27 Deg C DB/ 19 Deg C WB ; Outdoor : 35Deg C
** T3 : Indoor 29Deg C DB/ 19 Deg C WB ; Outdoor : 46Deg C

Selectable
Remote Controller



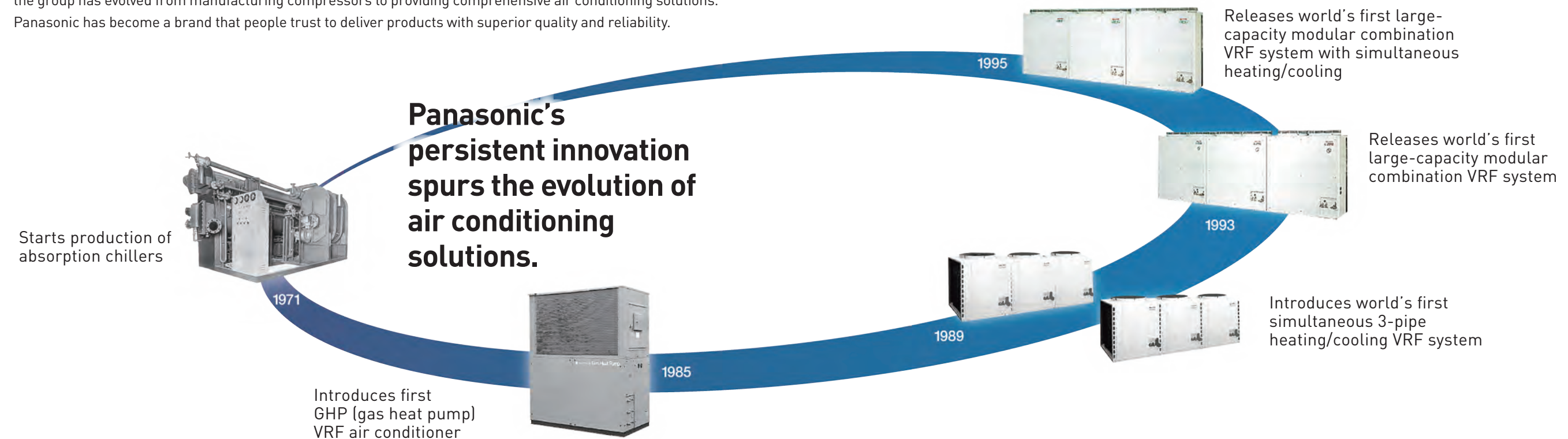
Wireless remote controller



Wired remote controller

A Globally Trusted Air Conditioning Brand

With roots going back 56 years, the Panasonic Air Conditioning Business Division has grown to become a multinational company recognised around the world. Driven by a never-ending quest for product innovation, the group has evolved from manufacturing compressors to providing comprehensive air conditioning solutions. Panasonic has become a brand that people trust to deliver products with superior quality and reliability.



1958

- Panasonic (using the National brand) introduces its first Home Cooler, a window-type air conditioner model
- Electrical Appliance Business Group (Kadoma) starts manufacture of Home Coolers
- Sales of Home Coolers begin



1961

- Starts exports of Home Coolers to South Vietnam

1965

- Launches Room Coolers



1968

- Begins development of rotary compressors
- The high efficiency and quality of these compressors draws interest from domestic and overseas air conditioner manufacturers
- External sales begin

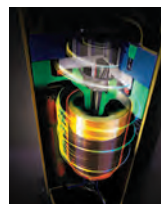
1972

- MAICO, the Division's first overseas manufacturing base, established in Malaysia
- Starts exports from MAICO to Japan, Indonesia, Australia, and other markets
- Begins operating twin-base system out of Japan and Malaysia



1983

- Launches inverter air conditioners
- Starts sales of Panasonic's first inverter air conditioners
- Inverters grow to become core technology in air conditioner industry
- Starts shipments of air conditioners to Panasonic America



1985

- Begins development of scroll compressors
- Scroll compressors bring high efficiency, low noise, and low vibration in comparison to rotary compressors

1990

- Launches world's first air conditioner equipped with compact scroll compressor

1993

- Establishes Matsushita-Wanbao (Guangzhou) Air Conditioner (MWAC)
- Establishes Matsushita-Wanbao (Guangzhou) Compressor (MWCC)
- Establishes Matsushita Air Conditioner Engineering (Matsushita ACE)

1995

- Releases world's first large-capacity modular combination VRF system with simultaneous heating/cooling

2003

- Debuts quiet, lightweight, compact EcoCute systems with improved energy-saving technology
- EcoCute adopts highly efficient, accumulator-less CO₂ scroll compressor
- Begins production of new energy-saving mini-VRF series multi-split packaged air conditioners for residential use
- CO₂ heat-pump hot water heater (EcoCute) uses non-toxic, non-combustible natural refrigerant (CO₂) instead of Freon, to reduce environmental impact
- Launches automatic filter-cleaning function for air conditioners (AC robot)



2005

- Panasonic products become extremely successful in Japan's air conditioner market
- Innovations such as airstream robots and motion sensors help grow Panasonic's market share

2006

- Cumulative global production of Panasonic compressors reaches 200 million units

2008

- Starts air-to-water heat pump business in Europe
- Hot water heating considered eco-friendly alternative to conventional fuel-type heating systems
- At the Energy Conservation Grand Prize awards, Panasonic air conditioners win Chairman's Award, whilst EcoCute wins Director General Prize (prizes presented by Energy Conservation Center of Japan)



2009

- Establishes sales company in Europe (PHAAE) dedicated to selling air conditioners
- Panasonic HA Air-Conditioning Europe (PHAAE) strengthens company's commercial air conditioning business

2010

- Begins collaboration with SANYO air conditioner business
- Through share exchange, SANYO and Panasonic Electric Works become wholly owned subsidiary

2011

- Launches FSV series of large-capacity VRF air conditioners

2012

- New Panasonic Group inaugurated

2013

- Expands VRF operation in Malaysia

