



# 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 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

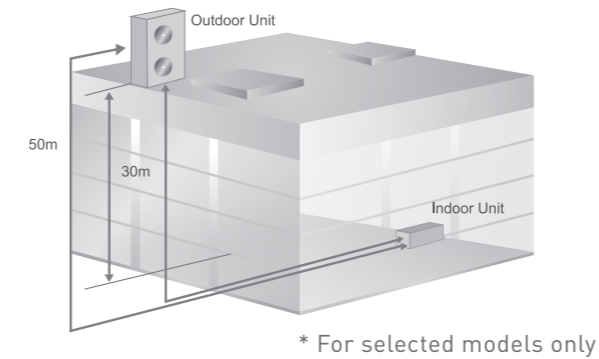
Range of Outdoor Units

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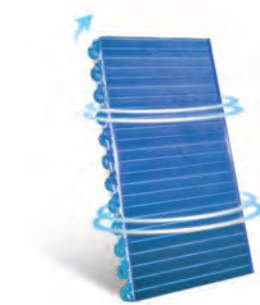
Panasonic offers a range of turnkey air conditioning solutions for homes, medium-sized buildings such as offices and restaurants. These products offer maximum effectiveness, comply with the strictest environmental standards and meet the most avant-garde construction of our time. Because offering you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

Increased Piping Length ▶



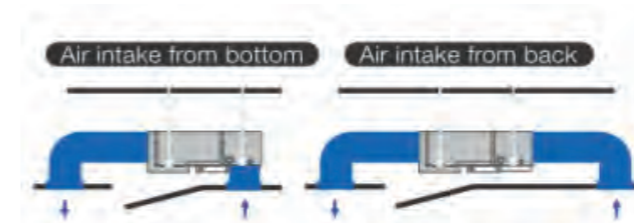
Blue Fin ▶

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



Selectable Air Inlet ▶

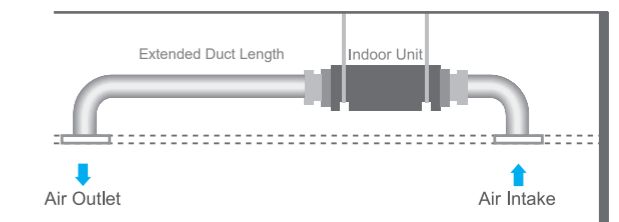
Air inlet position can be adjusted to enable rear or bottom entry\*



\* For selected models only

Superior air distribution ▶

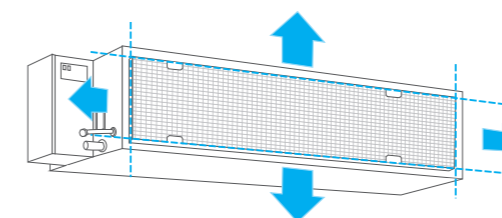
Variable External static pressure adjustment up to 200 Pa \*



\* For selected models only

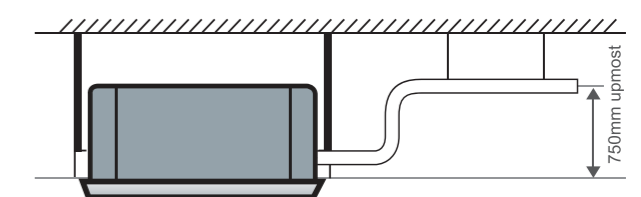
Easy Cleaning Filter ▶

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



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
	W/W		3.45	3.72	3.51	3.45	3.40	3.49
EER	(Btu/h)/W		11.76	12.70	11.96	11.75	11.61	11.91
	<b>Indoor Unit</b>							
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
<b>Outdoor Unit</b>								
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



Wired remote controller

## 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
	W/W		3.57	3.51	3.39
EER	(Btu/h)/W		12.16	11.96	11.56
	<b>Indoor Unit</b>				
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
<b>Outdoor Unit</b>					
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)	φ9.52/ φ15.88 (3/8"-5/8")	φ9.52/ φ19.05 (3/8"-3/4")	φ9.52/ φ19.05 (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



Wireless remote controller

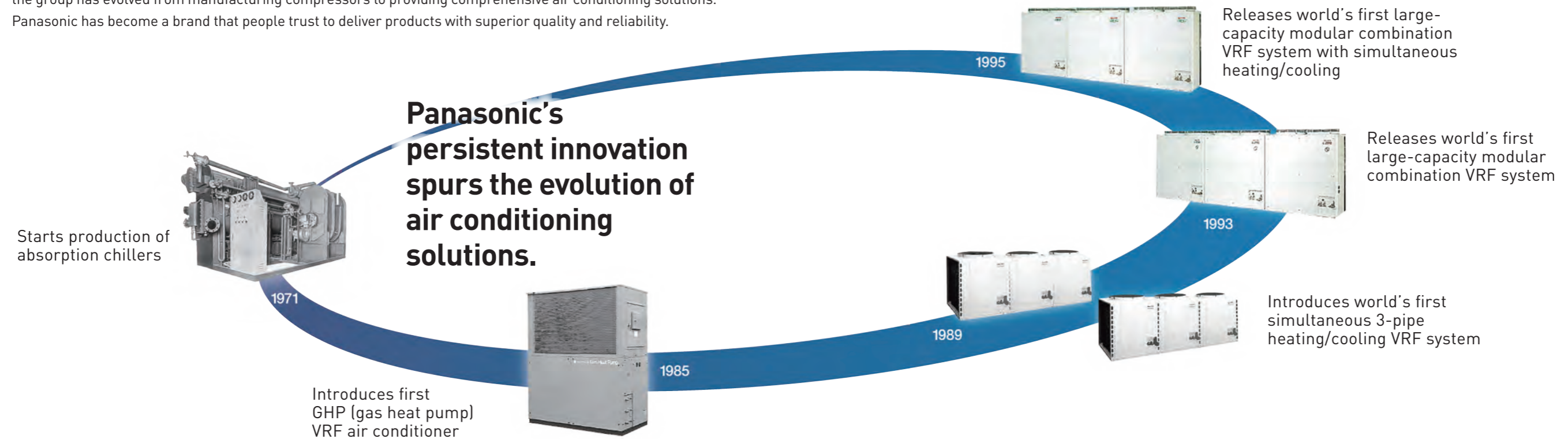


Wired remote controller

## Selectable 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 CO<sub>2</sub> scroll compressor
  - Begins production of new energy-saving mini-VRF series multi-split packaged air conditioners for residential use
  - CO<sub>2</sub> heat-pump hot water heater (EcoCute) uses non-toxic, non-combustible natural refrigerant (CO<sub>2</sub>) 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