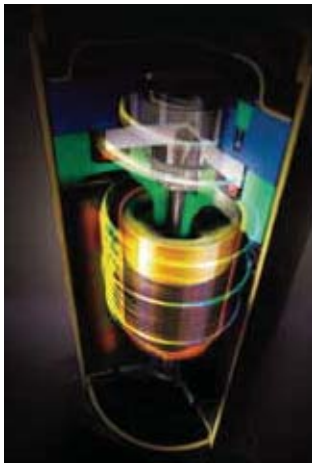
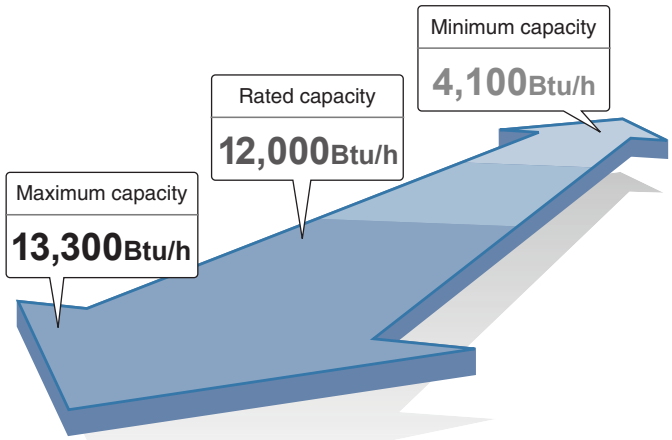
Advanced Inverter Technology — Less Energy and More Comfort

How can an inverter save energy?

The inverter constantly adjusts compressor rotation speed to provide optimum performance at all times. This extremely precise operation enables quick cooling while reducing power consumption compared to conventional non-inverter units.



■ Even Wider Output Power Range

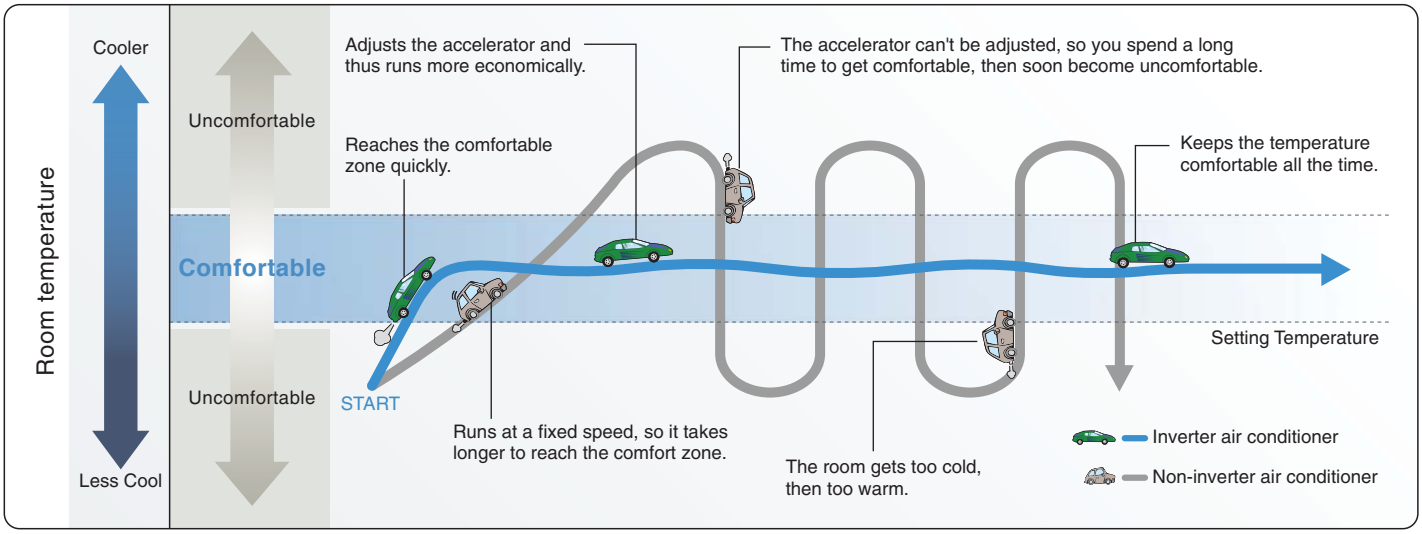


The graph shows E12NKUA's wide power output range during cooling.

■ The Advantages of Inverter Control

Comparing inverter and non-inverter air conditioners to cars…

*Image of output power fluctuation



Panasonic ductless split system designed to care for you

With more than 50 years of experience, exporting to more than 125 countries around the world, Panasonic is unquestionably one of the leaders in the air conditioning business. Together with more than 200 million compressors produced inaccumulation, you are assured of the high quality of Panasonic's air conditioners.

Wall-Mounted Air Conditioners Standard Models

S9NKU / S12NKU

Indoor Unit
CS-S9NKUW / CS-S12NKUW

Outdoor Unit
CU-S9NKU
CU-S12NKU

Wireless Remote Controller

S18NKU / S22NKU

Indoor Unit
CS-S18NKU / CS-S22NKU

Outdoor Unit
CU-S18NKU
CU-S22NKU

Wireless Remote Controller

Wall Mounted Air Conditioners									
Model No.			**S9NKU**		**S12NKU**		**S18NKU**		**S22NKU**	
Unit Model No.			**Indoor Unit**	**Outdoor Unit**	**Indoor Unit**	**Outdoor Unit**	**Indoor Unit**	**Outdoor Unit**	**Indoor Unit**	**Outdoor Unit**
			CS-S9NKUW	**CU-S9NKU**	**CS-S12NKUW**	**CU-S12NKU**	**CS-S18NKU**	**CU-S18NKU**	**CS-S22NKU**	**CU-S22NKU**
Performance & Electrical Ratings										
Capacity	Cooling	Btu/h	8,500(4,100~10,200)		11,900(4,100~13,100)		17,100(4,400~19,800)		21,000(4,400~23,400)	
	Heating	Btu/h	---		---		-		-	
Moisture Removal	High	Pints/H	1.3		2.3		3.6		6.1	
Dry Air Flow	High	CFM	400		425		650		650	
SEER	Cooling		17.5		17.5		17.5		17.0	
EER	Cooling		12.1		11.9		10.4		9.3	
HSPF	Heating		---		---		-		---	
Power Supply		V, Phase, Hz	230/208V, 1PH, 60Hz		230/208V, 1PH, 60Hz		230/208V, 1PH, 60Hz		230/208V, 1PH, 60Hz	
Running Amps	Cooling	A	3.3/3.7(~4.1)		4.6/5.1(~5.4)		7.5(~9)		10(~10.8)	
	Heating	A	---		---		-		-	
Power Input	Cooling	W	700(250-900)		1,000(250-1,150)		1650(250-1950)		2250(250-2,550)	
	Heating	W	---		---		---		---	
Back-up Heater		kW	---		---		---		---	
Fuse or Circuit Breaker Capacity		A	15		15		20		25	
Features										
Controls			Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control			---		---		---		---	
Wireless Remote Controller			Included		Included		Included		Included	
Wired Remote Controller(optional)			---		---		---		---	
Fan Speeds			5Speeds + Auto		5Speeds + Auto		5Speeds + Auto		5Speeds + Auto	
Timer			24hr Program		24hr Program		24hr Program		24hr Program	
Air Deflection	Horizontal		Manual		Manual		Automatic		Automatic	
	Vertical		Automatic		Automatic		Automatic		Automatic	
Air Filter			Washable + Anti Microbial Filter		Washable + Anti Microbial Filter		Washable+Anti Microbial Filter		Washable + Anti Microbial Filter	
Refrigerant			R-410A		R-410A		R410A		R-410A	
Refrigerant control			Capillary Tube		Capillary Tube		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	In(Hi / Lo/ Q-Lo)	dB-A	40 / 25 / 20		43 / 28 / 20		47 / 39 / 36		47 / 39 / 36	
	Outdoor(Hi)	dB-A	47		48		47		50	
Refrigerant Piping	Type		Flare		Flare		Flare		Flare	
	Discharge	inches	1/4”		1/4”		1/4”		1/4”	
	Suction	inches	3/8”		1/2”		1/2”		5/8”	
Refrigerant Pipe Length		Ft.	Max. 49		Max. 49		Max. 66		Max. 66	
Elevation Difference*	Outdoor Above	Ft.	Max. 16		Max. 16		Max. 49		Max. 49	
	Outdoor Below	Ft.	Max. 16		Max. 16		Max. 49		Max. 49	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height		inches	11-7/16”	21-9/32”	11-7/16”	21-9/32”	11-7/16”	31-5/16”	11-7/16”	31-5/16”
Width		inches	34-9/32”	30-23/32”	34-9/32”	30-23/32”	42-5/32”	34-15/32”	42-5/32”	34-15/32”
Depth		inches	8-1/16”	11-13/32”	8-1/16”	11-13/32”	9-9/32”	12-5/8”	9-9/32”	12-5/8”
Net Weight		Lbs.	20.0	82.0	20.0	82.0	26.0	115.0	26.0	117.0

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the P.34 in the catalog for more detail.)

RAC

Indoor Unit

C	S	–		S	18	N	K	U	
1	2		3	4	5	6	7	8	9

Outdoor Unit

C	U	–		S	18	N	K	U	
1	2		3	4	5	6	7	8	9

Set

	S	18	N	K	U	
3	4	5	6	7	8	9

1 Series	2 ModelType	3 Connection configuration	4 Function	5 Capacity	6 Development	7 Category (Type)	8 Voltage	9 Others
C: Residential	S:Indoor unit U:Outdoor unit	K/None : Internal purpose MK : Indoor unit for Multi zone	S : Cooling only E : Heat pump	Cooling Capacity in BTU/h	Development Series No.	K : Wall Mount B4 : Mini Ceiling Recessed	U : 208/230V, 60Hz 1 : 115V, 60Hz	-1 : Non-Low Ambient W : Multi/Single Zone common use
		Connected Type(Multi-zone) Numeral : Numeral+K				K : Internal		-1 : Non-Low Ambient

Quality Management System Certificate
Certified to ISO 9001: 2008
Panasonic HA Air-Conditioning (M) Sdn.Bhd.
Cert. No.: MY-AR 1010

Environmental Management System Certificate
Certified to ISO 14001: 2004
Panasonic HA Air-Conditioning (M) Sdn.Bhd.
Cert. No.: MY-ER 0112

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eco ideas Panasonic leads the way... with "eco ideas"

'eco ideas' for Lifestyles
We will promote lifestyles with virtually zero CO_2 emissions all throughout the world

'eco ideas' for Business-styles
We will create and pursue a business-style which makes the best use of resources and energy

Because its products are subject to continuous improvements, Panasonic reserves the right to modify product design and specifications without notice and without incurring any obligations.

Caution Related to Safety 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.