

Panasonic

2016 Full Line Catalog

Residential/Light Commercial



AIR CONDITIONING and HEAT PUMP PRODUCTS



INVERTER



March 2016

The History of Panasonic Air Conditioning

The Panasonic Air Conditioning Group has grown into a global company through its continuous quest for product innovations and technology. The group has evolved from manufacturing compressors to providing comprehensive air conditioning solutions. This has earned Panasonic the reputation as the most trusted brand for superior energy-efficiency and reliable products.

- | | | |
|--|---|--|
| <p>1958 Started production and sales of Home Coolers
The Electrical Appliance Business Group (Kadoma) started cooler production in March 1958. Started sales in May under the "Home Cooler" name.</p> |  | <p>1998 Introduced GAS Heater Air Conditioner 14KGS11</p> |
| <p>1961 Started exports of Home Coolers</p> | | <p>2001 Introduced first VRF "ECO-Multi" to USA</p> |
| <p>1965 Launched Room Coolers</p> |  | <p>2003 Launched first R410a refrigerant Ductless A/C to USA
Launched EcoCute as a result of better energy-saving technology
Launched accumulator-less, high-efficiency, CO₂ scroll compressor for EcoCute
Began production of Multi-split packaged air conditioner (mini-VRF)</p> |
| <p>1968 Began development of Rotary Compressors
Later, their high efficiency and high quality attracted domestic and overseas air conditioner manufactures. Began external sales.</p> | | <p>2005 Launched air conditioner automatic filter cleaning function (AC robot)
Product became extremely successful in the Japanese market. Since then, Panasonic launched a series of innovative products such as airstream robots and motion sensors which significantly improved Panasonic's air conditioner market share.</p> |
| <p>1972 Established overseas business base in Malaysia
MAICO was established in Malaysia as the Aircon Group's first overseas base. From this time, MAICO started to export to Japan, Indonesia, Australia, and other markets. Panasonic started operating a twin-base system with a presence in Japan and Malaysia.</p> |  | <p>2006 Renewed ECO-Multi to ECO-i, revised lineup to inverter driven
Aggregated global production of Panasonic compressors reached 200 million units</p> |
| <p>1983 Launched inverter Air Conditioner
Started sales of Panasonic's first inverter air conditioners and has since gained increasing popularity. Inverter became the future technology of air conditioner market.
Launched Ductless Air Conditioners to USA</p> | | <p>2008 In 2008 Energy Conservation Grand Prizes, EcoCute won its first Director General Prize of Agency of Natural Resources and Energy, while Panasonic air conditioner won the Chairman Prize of the Energy Conservation Center of Japan Started Air to Water heat pump business in Europe</p> |
| <p>1985 Began development of Scroll Compressors
Began development of scroll compressors, offering high efficiency, low noise, and low vibration in comparison to rotary compressors.</p> |  | <p>2009 Established air conditioner dedicated sales company in Europe (PHAAE)
Panasonic HA Air-Conditioning Europe (PHAAE) strengthened the commercial air conditioning business.</p> |
| <p>1989 Introduced Simultaneous Heat & Cool VRF</p> | | <p>2011 Integration of Sanyo HVAC USA into Panasonic Corporation of North America.</p> |
| <p>1990 Launched world's first Compact Scroll Compressor-equipped Air Conditioner</p> | | <p>2013 Celebrating the 30th anniversary of marketing in the USA.
 Serving the US Ductless market since 1983</p> |
| <p>1992 Developed industry's smallest outdoor air conditioning unit: "Chi-size"</p> | | <p>2014 SYSTEM 5 and Wireless Communication
</p> |
| <p>1993 Established Matsushita-Wanbao (Guangzhou) Air Conditioner (MWAC)
Established Matsushita-Wanbao (Guangzhou) Compressor (MWCC)
Established Matsushita Air Conditioner Engineering (Matsushita ACE)</p> | | |
| <p>1995 Started the export of VRF</p> | | |

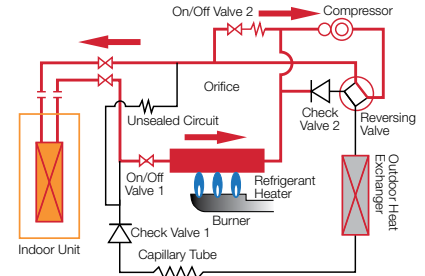
Technological Milestones

1998 Introduced revolutionary Gas Heater Air Conditioner 14KGS11

That maintains a consistent heating performance level, regardless of how much the ambient temperature goes down outside.

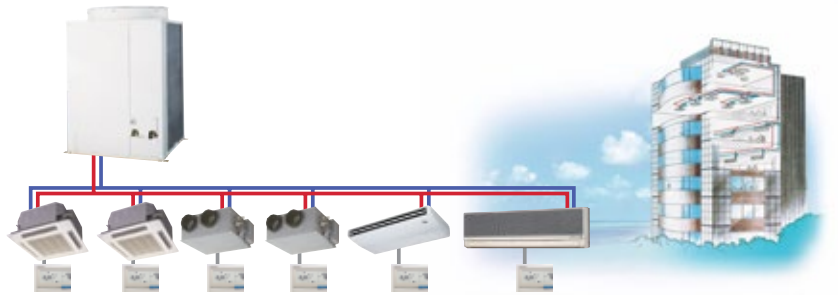


Heating Operation Schematic



2001 Launched VRF "Eco-Multi" to the US market

Eco-Multi was displayed at the AHR show and was introduced to other ductless manufacturers. It's the new individual air conditioning system that effectively combines a power control compressor and an electronic refrigerant control valve.



2003 First R410a driven ductless model, 24KS62R, was introduced

Again, blazed a trail to other ductless manufacturers.



2013 EXTERIOS XE Series

SEER 28.5 Highest Efficient model in Industry as of 2013/March



2014 EXTERIOS E

SEER 23 Built with the latest advanced technology for maximum energy savings



2015 New 3 & 4 Zone Multi

Single and Multi Heat Pump Systems.







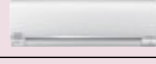

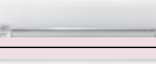
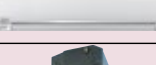



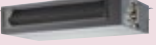
Air Conditioners and Heat Pumps Line-Up

Your Best Choice in Mini Split Air Conditioning and Heat Pump Systems

Since 1983, Panasonic Mini Split Air Conditioner and Heat Pump products offer a wide range of versatile solutions for cooling and heating requirements for single or multiple rooms. The indoor unit (evaporator) is mounted inside a room and connected to the outdoor unit (condenser) via refrigerant lines and inter-unit wiring through a 3-1/2" opening in the wall. Since no ductwork is required, installation is simple, fast and efficient. Ducted models are also available.




















The indoor unit has been uniquely designed to provide whisper-quiet operation while delivering comfort throughout the room. Panasonic Mini Split Systems are stylish and provide the quality and reliability you can count on.

MULTI ZONE: RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

Multi Split Heat Pumps					
Zones		2	2 thru 3	2 thru 4	2 thru 5
System Btu/h		18,000 (1.5 TON)	19,000 (1.5 TON)	24,000 (2.0 TON)	36,000 (3.0 TON)
SEER / HSPF		18.0 / 8.8	up to 22.0 / 12.55	up to 22.0 / 12.55	up to 18.5 / 13.05
Outdoor Unit		 CU-ZE18NBU	 CU-3E19RBU	 CU-4E24RBU	 CU-5E36QBU
Indoor Unit		Operating Range: Heat Max. 115F - Min. 5F			
Wall Mount 5,000 Btu/h		CS-ME5RKUA	CS-ME5RKUA	CS-ME5RKUA	CS-ME5RKUA
Wall Mount 7,000 Btu/h		CS-ME7RKUA	CS-ME7RKUA	CS-ME7RKUA	CS-ME7RKUA
Wall Mount 9,000 Btu/h		CS-E9RKUAW	CS-E9RKUAW	CS-E9RKUAW	CS-E9RKUAW
Wall Mount 12,000 Btu/h		CS-E12RKUAW	CS-E12RKUAW	CS-E12RKUAW	CS-E12RKUAW
Wall Mount 18,000 Btu/h		N/A	CS-E18RKUAW	CS-E18RKUAW	CS-E18RKUAW
Wall Mount 24,000 Btu/h		N/A	CS-24RKUAW	CS-24RKUAW	CS-24RKUAW
4-Way Cassette 12,000 Btu/h		CS-E12RB4UW	CS-E12RB4UW	CS-E12RB4UW	CS-E12RB4UW
4-Way Cassette 18,000 Btu/h		N/A	N/A	CS-E18RB4UW	CS-E18RB4UW
Concealed Ducted 9,000 Btu/h		(Summer 2016)*	(Summer 2016)*	(Summer 2016)*	(Summer 2016)*
Concealed Ducted 12,000 Btu/h		(Summer 2016)*	(Summer 2016)*	(Summer 2016)*	(Summer 2016)*
Concealed Ducted 18,000 Btu/h		N/A	(Summer 2016)*	(Summer 2016)*	(Summer 2016)*

All Multi Zone Systems require a minimum 2 indoor units installed

SINGLE ZONE: RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

Residential								
		System Btu/h		9,000	12,000	15,000	18,000	24,000
EXTERIOS 	Up To -15 Degree 30.6 SEER 14.0 HSPF	Outdoor Unit		CU-XE9SKUA	CU-XE12SKUA	CU-XE15SKUA*	N/A	N/A
		Wall Mount		CS-XE9SKUA	CS-XE12SKUA	CS-XE15SKUA*	N/A	N/A
EXTERIOS 	Up to -4 Degree 23.0 SEER 11.0 HSPF	Outdoor Unit		CU-E9RKUA	CU-E12RKUA	N/A	CU-E18RKUA	CU-E14RKUA
		Wall Mount		CS-E9RKUAW	CS-E12RKUAW	N/A	CS-E18RKUAW	CS-E24RKUAW
Pro Series	Up to -4 Degree 16 SEER 8.5 HSPF	Outdoor Unit		CU-RE9SKUA	CU-RE12SKUA	N/A	CU-RE18SKUA	CU-RE24SKUA
		Wall Mount		CS-RE9SKUA	CS-RE12SKUA	N/A	CS-RE18SKUA	CS-RE24SKUA
4-Way Ceiling	Up to 5 Degree 18.0 SEER 9.0 HSPF	Outdoor Unit		N/A	CU-E12RB4U	N/A	CU-E18RB4U	N/A
		4-Way Cassette		N/A	CS-E12RB4UW	N/A	CS-E18RB4UW	N/A
Low Profile Duct		Outdoor Unit		(Summer 2016)*	(Summer 2016)*	N/A	(Summer 2016)*	N/A
		Concealed Duct		(Summer 2016)*	(Summer 2016)*	N/A	(Summer 2016)*	N/A
		System Btu/h		26,000	30,000	36,000	42,000	
-4 Degree	up to 16.7 SEER 10.1 HSPF	Outdoor Unit		U-26PE1U6	CU-KE36NKU	CU-KE30NKU	N/A	
		Wall Mount		S-26PK2U6	CS-KE36NKU	CS-KE30NKU	N/A	
-4 Degree	up to 18.0 SEER 9.5 HSPF	Outdoor Unit		U-26PE1U6	N/A	U-36PE1U6	U-42PE1U6**	
		Ceiling Suspended		S-26PT2U6	N/A	S-36PT2U6	S-42PT2U6	
-4 Degree	up to 18.0 SEER 9.0 HSPF	Outdoor Unit		U-26PE1U6	N/A	U-36PE1U6	U-42PE1U6**	
		4-Way Cassette		S-26PU2U6	N/A	S-36PU2U6	S-42PU2U6	
-4 Degree	up to 14.0 SEER 9.0 HSPF	Outdoor Unit		U-26PE1U6	N/A	U-36PE1U6	N/A	
		Concealed Duct		S-26PF2U6	N/A	S-36PF2U6	N/A	
SINGLE SPLIT COOLING ONLY								
Low Ambient 0 Degree	16 SEER	Outdoor Unit		CU-KS30NKUA	CU-KS36NKUA	N/A	N/A	
		Wall Mount		CS-KS30NKU	CS-KS36NKU	N/A	N/A	

Representative product images shown here. See product page for actual model images.
* Tentative model numbers and specifications. ** See image of U-42PE1U6 double fan unit page 25.

Model Feature Chart

		HEAT PUMPS										LOW-AMBIENT COOLING ONLY
		XE9SKUA XE12SKUA XE15SKUA*	E9RKUA E12RKUA E18RKUA E24RKUA	RE9SKUA RE12SKUA RE18SKUA RE24SKUA	KE30NKU KE36NKU		26PEK2U6					KS30NKUA KS36NKUA
	Wall Mounted											
	Ceiling							26PET2U6 36PET2U6 42PET2U6				
	4-Way Cassette					E12RB4U E18RB4U			26PEU2U6 36PEU2U6 42PEU2U6			
	Concealed Duct									26PEF2U6 36PEF2U6	E9SD3UAW* E12SD3UAW E18SD3UAW	
	ECO NAVI DUAL SENSOR	✓										
	ECO NAVI MONO SENSOR		✓				Option	Option	Option	Option	✓	
	Room Freeze Protection	✓	✓									
	Microprocessor-Controlled Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Wireless Remote Controller	✓	✓	✓	✓	✓	✓	Option	Option	Option		✓
	Wired Remote Controller	Option	Option		Option	Option	Option	✓	✓	✓		Option
	Self-Diagnosing Function	✓	✓	✓	✓	✓						✓
	Dry Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	5 Fan Speeds and Automatic Fan Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	Air Sweep Control	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	Louver Control	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	Base Pan Heater	✓										
	Automatic Heating and Cooling Changeover	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Night Setback Mode for Cooling and Heating	✓	✓									
	Hot Start Heating System	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	24-Hour Clock with ON/OFF Program Timer	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	1-Hour OFF Timer	✓	✓	✓	✓	✓						✓
	Weekly Timer						Option	✓	✓	✓		
	System Controller						Option	Option	Option	Option		
	Filter Sign	✓	✓				✓	✓	✓	✓		
	Automatic Restart Function after Power Failure	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	Branch Extension					✓			✓	✓		
	Built-In Drain Pump					✓			✓	✓		
	Low Ambient Cooling	✓	✓		✓	✓	✓	✓	✓	✓		✓
	Electric Expansion Valve	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	ODP=0 Refrigerant	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	Quiet Mode	✓	✓	✓	✓	✓						✓
	3M/Anti-microbial Filter	✓	✓	✓								
	Blue Fin Condenser	✓	✓	✓								

* To be launched in 2016

Features



ECO NAVI dual/mono sensor

Detects and reduces waste for more energy savings.



Room Freeze Protection*

Room Freeze Protection mode helps prevent plumbing damage due to sub-Freezing Temperature. This mode automatically turns on the compressor for heat pump operation if the room temperature falls to about 46°F.

*This function may not be performed if the unit is not powered, or if the unit is unable to operate such as in protection mode. Please consult with the HVAC installers or professional for details.



Microprocessor-Controlled Operation

Microprocessor control ensures that the temperature and humidity levels in the room are always comfortable.



Wireless Remote Control

Panasonic's infrared Remote Control with and easy-to-read LCD Display, gives the user the capability to adjust & set: temperature, sweep (louver control), fan speeds, timer and more, for complete automatic operation.



Dry Mode

By coupling compressor and fan operation, intermittent operation can be precisely controlled according to room temperature, so that air is efficiently dehumidified.



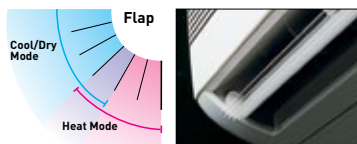
5 Fan Speeds and Automatic Fan Operation

Convenient microprocessor control automatically adjusts fan speed to High, Medium or Low. According to room temperature to maintain a comfortable airflow throughout the room.



Air Sweep Control

The air sweep function moves the louver up and down in the air outlet, directing air in a "sweeping" motion around the room and providing comfort in every corner.



Base Pan Heater

For low ambient products (-15°F) listed, base pan heater is included to prevent freezing of the outdoor unit during defrost.



Automatic Heating and Cooling Changeover

After setting the temperature and functions you desire, just relax. If the room temperature is higher than the set temperature, cooling operation begins. If the room temperature is lower than the set temperature, heating operation begins. During normal thermostat cycle operation, cooling and heating operations automatically change in accordance with set temperature, time and room temperature (Single Zone Heat Pump unit only).



1-hour OFF Timer

When this button is pushed either while the unit is operating or while it is stopped, the unit will operate for one hour, then switch off automatically.



24-hour Clock with ON/OFF Program Timer

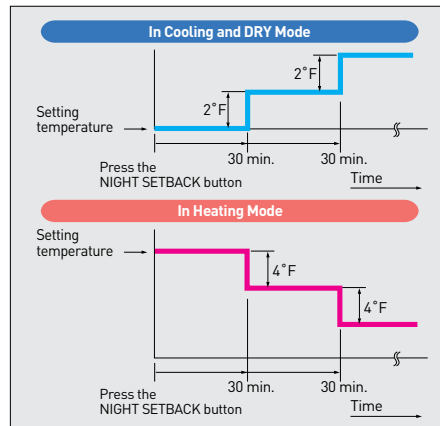
The remote control unit allows you to set a wide variety of timer-based operations. Such functions include automatic ON/OFF with a timer setting, same time ON/OFF every day, ON timer, OFF timer and Combination timer.



Night Setback Mode for Cooling and Heating

Cooling and DRY Mode: With the Night Setback Mode, the air conditioner automatically raises the setting temperature 2°F after 30 minutes, and then another 2°F after the next 30 minutes.

Heating Mode: With the Night Setback Mode, the setting temperature is automatically lowered 4°F after 30 minutes, and then another 4°F after the next 30 minutes. This saves energy without sacrificing comfort and is ideal for gentle cooling and heating.



Automatic Restart Function after Power Failure



Hot Start Heating System

Right from the start, air is warm and comfortable. The Hot Start Heating System prevents any cold blasts at the beginning while the heat pump is warming up (Heat pump unit only).



Built-In Drain Pump

Max. head 20 inches from the discharge of the indoor unit. Condensation pump is only for allowing drain line to meet minimum gravity flow requirements.



Low Ambient Cooling

Provides heat operation at -15°F.



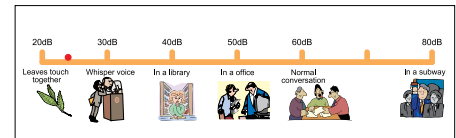
Electric Refrigerant Control Valve

The circulation volume of the refrigerant is controlled by a pulse type electric control valve. In order to attain optimum efficiency, when the power is switched ON, the opening degree of the electric control valve is controlled between 90 and 480 steps.



Quiet Mode

LOW, low fan speed for extra quiet operation.



Filter Sign

Filter sign informs you when filter maintenance is necessary.

K1/T1/U1/F1 series with CZ-RTC2
XE/E/S series with CZ-RDC516C-1



(Example of CZ-RTC2)



Self-Diagnosing Function

Units are equipped with Self-Diagnosing Function (methods are difference depending on the models). This makes it easier to diagnose malfunctions, greatly reducing service labor (Wired remote controller).



(Example of CZ-RTC2)



Anti-microbial Filter

Anti-microbial Filter by 3M. This filter is treated to inhibit the growth of mold and mildew, and helps create clean air.

Test Comparison

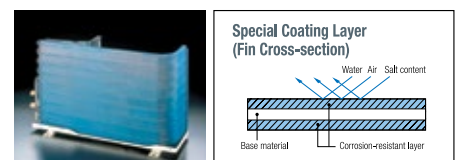
	Microbial Growth Rating	
	7 days	28days
Anti-microbial Filter	No growth	No growth
Normal Filter Paper	60% growth	60% growth

*Tested per ASTM G21-96



Blue Fin Condenser

Condensers can take a beating from exposure to salty air, rain and other corrosive factors. Panasonic has extended the life of its condensers with an original anti-rust coating. Tested for 2,000 salt spray hours.





Optimum Performance while reducing Energy Usage

Panasonic inverter technology constantly adjusts its compressor rotation speed to provide maximum performance at all times. This precise operation enables quick cooling or heating while reducing power consumption compared to conventional non-inverter units.

Reduces Electricity Consumption

Panasonic inverter air conditioners/heat pumps are designed to give you exceptional energy savings while ensuring you stay comfortable at all times.

Constant Comfort

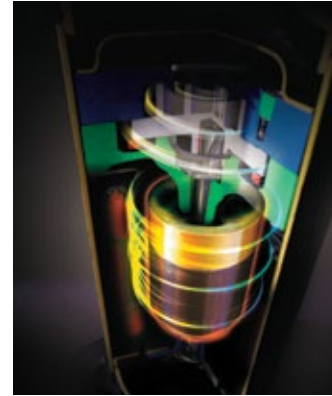
Precise temperature control with a wide power output range enables an inverter air conditioner to meet different room occupancy levels, providing constant comfort.

Quick Cooling and Heating

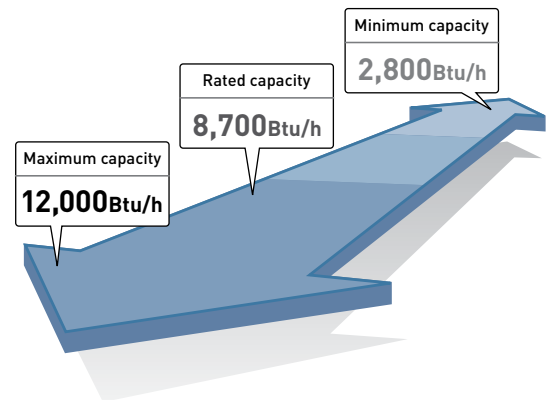
Panasonic Inverter air conditioners can operate with higher cooling/heating power during the start-up period to cool/heat the room faster than non-inverter models.

Whisper Quiet Operation

The indoor operating noise has been reduced by 5dB as the Inverter constantly varies its output power to enable more precise temperature control.



Wider Output Power Range



What's ECONAVI?

High-precision sensor technology allows efficient, automatic operation to match room conditions. This keeps everyone comfortable while saving energy.

What does ECONAVI detect?

EXAMINE

- Level of activity.
- Human presence.

EVALUATE

- Changes in human location.
- Changes in human activity.
- Changes in human presence.

EXECUTE

- Adjusts airflow direction.
- Low activity: Auto increase set temperature.
- Absence: Auto increase set temperature.



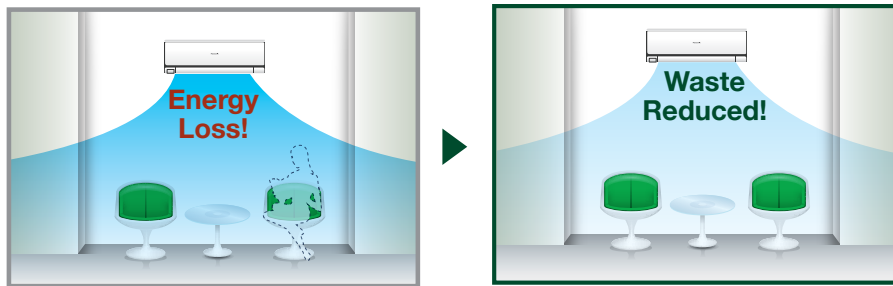


Energy Saving and Comfort Through Sensor Technology

ECONAVI 3 Sensors

1. Absence Detection **Human Activity Sensor**

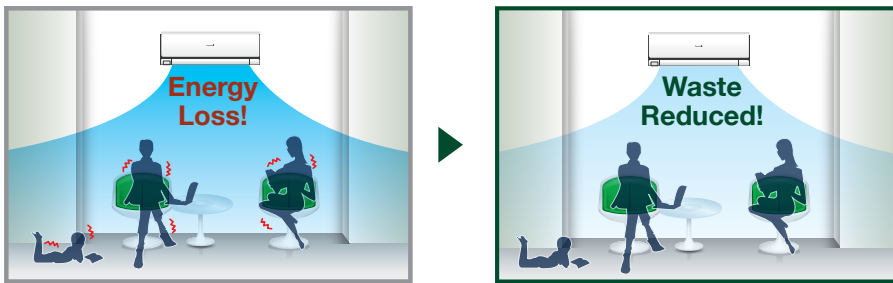
Reduces energy usage when no activity is detected.



switches from high operation to reduce cooling

2. Activity Detection **Human Activity Sensor**

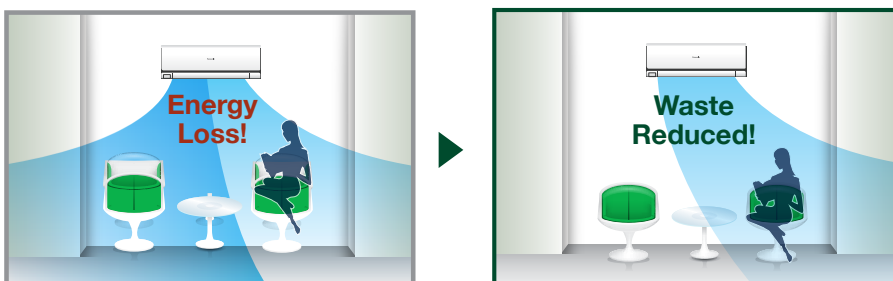
When activity is detected, sensors start working to efficiently cool the zone.



switches from high to mild cooling

3. Area Search **Human Activity Sensor**

Area Search is activated when activity detection is located in one side of the room vs. the other.



sends cool air only to areas where people are

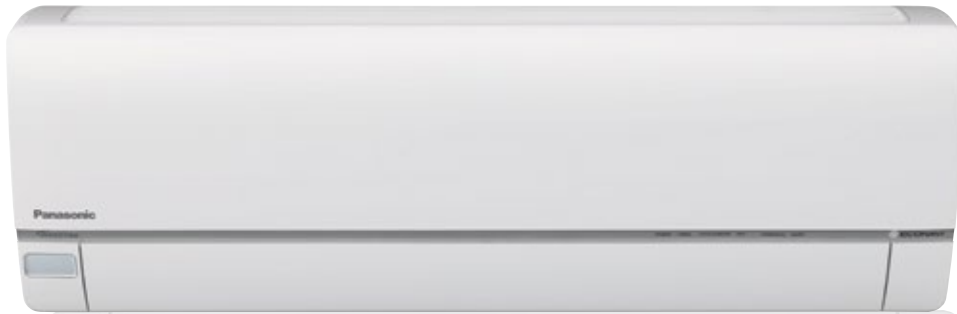
Premium Series Wall-Mounted Heat Pump

EXTERIOS **XE**

XE9SKUA

XE12SKUA

NEW



Indoor Unit

CS-XE9SKUA / CS-XE12SKUA

*CS-XE15SKUA to be launched in 2016



ECONAVI



Wireless Remote Controller (Included)



Wired Remote Controller (CZ-RD516C-1) (Optional)



Blue Fin Condenser

Outdoor Unit

CU-XE9SKUA / CU-XE12SKUA

Wall Mounted Heat Pumps

Model No.	XE9SKUA				XE12SKUA				
	Indoor Unit		Outdoor Unit		Indoor Unit		Outdoor Unit		
Unit Model No.	CS-XE9SKUA		CU-XE9SKUA		CS-XE12SKUA		CU-XE12SKUA		
Performance & Electrical Ratings									
Capacity	Cooling	Btu/h	8,700(2,800-12,000)				11,500(2,800-14,000)		
	Heating	Btu/h	10,900(3,000-18,000) [10,600 at 17°F]				13,600(3,000-23,000) [13,500 at 17°F]		
Moisture Removal	High	Pints/H	1.3				2.3		
Dry Air Flow	High	CFM	470				520		
SEER	Cooling		30.6				26.2		
EER	Cooling		17.05				14.70		
HSPF	Heating		14.0				12.5		
Power Supply	V, Phase, Hz		230/208V, 1PH, 60Hz				230/208V, 1PH, 60Hz		
Running Amps	Cooling	A	2.4/2.7				3.7/4.1		
	Heating	A	3.1/3.5				4.4/4.9		
Power Input	Cooling	W	510(150-850)				780(150-1,050)		
	Heating	W	670(150-1,650)				950(150-2,100)		
Back-up Heater		kW	---				---		
Fuse or Circuit Breaker	Capacity	A	15				20		
Features									
Controls	Microprocessor				Microprocessor				
Low Ambient Control	Equipped				Equipped				
Wireless Remote Controller	Included				Included				
Wired Remote Controller (optional)	CZ-RD516C-1				CZ-RD516C-1				
Fan Speeds	5 Speeds + Auto				5 Speeds + Auto				
Timer	24hr Program				24hr Program				
Air Deflection	Horizontal	Automatic				Automatic			
	Vertical	Automatic				Automatic			
Air Filter	Washable + Anti Microbial Filter				Washable + Anti Microbial Filter				
Refrigerant	R-410A				R-410A				
Refrigerant control	Electric Expansion Valve				Electric Expansion Valve				
Operation Sound	In(Hi / Lo/ Q-Lo) dB-A	42 / 29 / 26				44 / 35 / 32			
	Outdoor(Hi) dB-A	48				49			
Refrigerant Piping	Type	Flare				Flare			
	Discharge	inches	1/4"				1/4"		
	Suction	inches	3/8"				1/2"		
Refrigerant Pipe Length		Ft.	Max. 65.6				Max. 65.6		
Elevation Difference	Outdoor Above	Ft.	Max. 49.2				Max. 49.2		
	Outdoor Below	Ft.	Max. 49				Max. 49		
Dimensions & Weight									
Height		inches	Indoor Unit		Outdoor Unit		Indoor Unit		Outdoor Unit
Width		inches	11-5/8"		27-3/8"		11-5/8"		27-3/8"
Depth		inches	34-9/32"		34-15/32"		34-9/32"		34-15/32"
Net Weight		Lbs.	24		97		24		97

Important: You must use refrigerant piping rated for R410a.

EXTERIOS **XE** —the latest breakthrough in energy efficiency and high performance



High Energy Efficiency up to 30.6 SEER, 14.0 HSPF

XE series are among the highest cooling and heating efficient models in the industry. Thanks to this exceptional performance, you will enjoy even more comfort and cost savings.



Powerful Heating at Low Ambient Temperatures

Powerful Heating at Low Ambient Temperatures

Operational heat capacity down to -15°F. plus the add support of an auxiliary heat connector for supplemental or emergency heat.



Inverter Technology

Panasonic inverter technology provides optimum power control and extremely efficient operation by modulating the compressor capacity. The result is efficient and flexible operation using less electricity.



Automatically Sense Room Condition and Optimize Operation

ECONAVI's intelligent Dual Sensor monitors absence, activity level and activity location to direct energy-efficient conditioned air for ultimate, energy saving comfort.



Prevent Freezing Maintain Efficiency

Base pan heater included with XE Series models (-15°F) prevents frozen condensate. No Need for separate purchase and field installation.

Deluxe Series Wall-Mounted Heat Pump

EXTERIOS

E9RKUA / E12RKUA

E18RKUA / E24RKUA



Indoor Unit
CS-E9RKUAW / CS-E12RKUAW

Indoor Unit
CS-E18RKUAW / CS-E24RKUAW



Wireless Remote Controller (Included)

Wired Remote Controller (CZ-RD516C-1) (Optional)

Wireless Remote Controller (Included)

Wired Remote Controller (CZ-RD516C-1) (Optional)

Outdoor Unit
CU-E9RKUA / CU-E12RKUA



Outdoor Unit
CU-E18RKUA / CU-E24RKUA



Wall Mounted Heat Pumps

Wall Mounted Heat Pumps									
Model No.	E9RKUA		E12RKUA		E18RKUA		E24RKUA		Unit Model No.
	Indoor Unit CS-E9RKUAW	Outdoor Unit CU-E9RKUA	Indoor Unit CS-E12RKUAW	Outdoor Unit CU-E12RKUA	Indoor Unit CS-E18RKUAW	Outdoor Unit CU-E18RKUA	Indoor Unit CS-E24RKUAW	Outdoor Unit CU-E24RKUA	
Performance & Electrical Ratings									
Capacity	Cooling	Btu/h	9,000 (4,100-10,200)	11,500 (4,100-13,300)	17,200 (5,800-19,800)	24,000 (5,800-27,200)			
	Heating	Btu/h	12,000 (4,100-14,100)	13,800 (4,100-16,300)	21,600 (5,800-22,000)	28,800 (5,800-29,200)			
Moisture Removal	High	Pints/H	1.3	1.7	3.0	7.6			
	High	CFM	425	450	670	670			
SEER	Cooling		23.0	22.5	19.5	19.0			
EER	Cooling		13.0	12.5	13.2	10.2			
HSPF	Heating		11.0	11.0	10.0	10.0			
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	3.2 / 3.6	4.2 / 4.7	6.3 / 7.0	10.8 / 11.9		
Heating		A	5.1 / 5.7	5.6 / 6.3	8.3 / 9.3	11.4 / 12.6			
Power Input	Cooling	W	690 (250-850)	920 (250-1,150)	1,300 (430-1,600)	2,350 (430-2,720)			
	Heating	W	1,120 (200-1,500)	1,250 (200-1,710)	1,750 (380-1,800)	2,500 (380-2,660)			
Back-up Heater		kW	---	---	---	---			
Fuse or Circuit Breaker Capacity		A	15	15	20	25			
Features									
Controls	Microprocessor		Microprocessor		Microprocessor		Microprocessor		
Low Ambient Control	Equipped		Equipped		Equipped		Equipped		
Wireless Controller	Included		Included		Included		Included		
Wired Remote Controller (optional)	CZ-RD516C-1		CZ-RD516C-1		CZ-RD516C-1		CZ-RD516C-1		
Fan Speeds	5 Speeds + Auto		5 Speeds + Auto		5 Speeds + Auto		5 Speeds + Auto		
Timer	24-hr Program		24-hr Program		24-hr Program		24-hr Program		
Air Deflection	Horizontal		Manual		Automatic		Automatic		
	Vertical		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		R-410A		R-410A		
Refrigerant control	Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		
Operation Sound	In (Hi / Me / Lo)	dB-A	42 / 29 / 26	44 / 35 / 32	47 / 39 / 36	48 / 40 / 37			
	Outdoor (Hi)	dB-A	48	49	49	51			
Refrigerant Piping	Type		Flare		Flare		Flare		
	Discharge	inches	1/4"		1/4"		1/4"		
	Suction	inches	3/8"		1/2"		5/8"		
Refrigerant Pipe Length		Ft.	Max. 65.6		Max. 100		Max. 100		
Elevation Difference*	Outdoor Above	Ft.	Max. 49.2		Max. 49.2		Max. 49.2		
	Outdoor Below	Ft.	Max. 49.2		Max. 49.2		Max. 49.2		
Dimensions & Weight									
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	8-7/16"	11-13/32"	8-7/16"	11-13/32"	9-15/32"	12-5/8"	9-15/32"	12-5/8"
Net Weight	Lbs.	20.0	82.0	20.0	82.0	26.0	132.0	26.0	132.0

Important: You must use refrigerant piping rated for R410a.

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p. 36 for additional information.

Pro Series Wall-Mounted Heat Pump

RE9SKUA / RE12SKUA

NEW



Indoor Unit
CS-RE9SKUA / CS-RE12SKUA



Outdoor Unit
CU-RE9SKUA / CU-RE12SKUA



Wireless Remote Controller (Included)



RE18SKUA / RE24SKUA

NEW



Indoor Unit
CS-RE18SKUA / CS-RE24SKUA



Outdoor Unit
CU-RE18SKUA / CU-RE24SKUA



Wireless Remote Controller (Included)



Wall Mounted Heat Pumps

Model No.			RE9SKUA		RE12SKUA		RE18SKUA		RE24SKUA	
Unit Model No.			Indoor Unit CS-RE9SKUA	Outdoor Unit CU-RE9SKUA	Indoor Unit CS-RE12SKUA	Outdoor Unit CU-RE12SKUA	Indoor Unit CS-RE18SKUA	Outdoor Unit CU-RE18SKUA	Indoor Unit CS-RE24SKUA	Outdoor Unit CU-RE24SKUA
Performance & Electrical Ratings										
Capacity	Cooling	Btu/h	9,000 (4,100-10,200)		12,000 (4,100-13,300)		17,200 (5,800-18,000)		22,000 (5,800-23,000)	
	Heating	Btu/h	10,900 (4,100-14,100)		12,000 (4,100-16,300)		18,000 (5,800-20,800)		22,000 (5,800-25,400)	
Moisture Removal	High	Pints/H	1.3		2.3		2.7		6.8	
Dry Air Flow	High	CFM	425		450		670		670	
SEER	Cooling		16.0		16.0		16.0		16.0	
EER	Cooling		10.45		10.6		12.25		9.2	
HSPF	Heating		8.5		8.5		8.5		8.5	
Power Supply	V, Phase, Hz		230V / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz	
Running Amps	Cooling	A	4.2 / 3.8		5.5 / 5.0		7.0 / 6.3		11.7 / 10.5	
	Heating	A	4.6 / 4.2		4.5 / 4.0		6.9 / 6.2		8.8 / 7.9	
Power Input	Cooling	W	860(250-1,000)		1,130(250-1,300)		14,000(430-15,500)		23,900(430-25,500)	
	Heating	W	950(200-1,500)		910(200-1,710)		13,800(380-17,500)		17,800(380-24,500)	
Back-up Heater		kW	---		---		---		---	
Fuse or Circuit Breaker Capacity	A		15		15		20		25	
Features										
Controls			Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Low Ambient Control			Built-in		Built-in		Built-in		Built-in	
Wireless Remote Controller			Included		Included		Included		Included	
Wired Remote Controller(optional)			N/A		N/A		N/A		N/A	
Fan Speeds			5 Speed + Auto		5 Speed + Auto		5 Speed + Auto		5 Speed + Auto	
Timer			24-hr Program		24-hr Program		24-hr Program		24-hr Program	
Air Deflection	Horizontal		Manual		Manual		Manual		Manual	
	Vertical		Automatic		Automatic		Automatic		Automatic	
Air Filter			Washable		Washable		Washable		Washable	
Refrigerant			R-410A		R-410A		R-410A		R-410A	
Refrigerant control			Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	In (Hi / Me / Lo)	dB-A	43 / 35 / 32		44 / 36 / 32		48 / 39 / 36		51 / 40 / 37	
	Outdoor (Hi)	dB-A	49		52		53		55	
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. 49.2		Max. 49.2		Max. 65.6		Max. 65.6	
Elevation Difference*	Outdoor Above	Ft.	Max. 49.2		Max. 49.2		Max. 49.2		Max. 49.2	
	Outdoor Below	Ft.	Max. 50		Max. 50		Max. 50		Max. 50	
Dimensions & Weight										
Height	inches		Indoor Unit 11-7/16"	Outdoor Unit 21-11/32"	Indoor Unit 11-7/16"	Outdoor Unit 21-11/32"	Indoor Unit 11-7/16"	Outdoor Unit 27-3/8"	Indoor Unit 11-7/16"	Outdoor Unit 27-3/8"
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		8-7/16"	11-13/32"	8-7/16"	11-13/32"	9-15/32"	12-5/8"	9-15/32"	12-5/8"
Net Weight	Lbs.		20.0	75.0	20.0	75.0	26.0	106.0	26.0	108.0

Important: You must use refrigerant piping rated for R410A.
* This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p. 36 for additional information.

Wall-Mounted Heat Pumps

26PEK2U6

NEW



Indoor Unit
S-26PK2U6



Outdoor Unit
U-26PE1U6



Wireless Remote Controller CZ-RTC4 (Included)



Wired Remote Controller CZ-RTC4 (Optional)



High-spec Wired Remote Controller CZ-RTC5 (Optional)



KE30NKU / KE36NKU



Indoor Unit
CS-KE30NKU / CS-KE36NKU



Outdoor Unit
CU-KE30NKU / CU-KE36NKU



Wireless Remote Controller CZ-RD515U (Included)



Wired Remote Controller CZ-RD515U (Optional)



Wall Mounted Heat Pumps

Wall Mounted Heat Pumps

Model No.	26PEK2U6		KE30NKU		KE36NKU		
	Indoor Unit S-26PK2U6	Outdoor Unit U-26PE1U6	Indoor Unit CS-KE30NKU	Outdoor Unit CU-KE30NKU	Indoor Unit CS-KE36NKU	Outdoor Unit CU-KE36NKU	
Performance & Electrical Ratings							
Capacity	Cooling	Btu/h		24,000 (9,500-24,000)	30,600 (10,900-30,600)	34,000 (10,900-34,000)	
	Heating	Btu/h		27,600 (8,000-27,600)	33,000 (14,000-33,000)	36,000 (14,000-36,000)	
Moisture Removal	High	Pints/H		5.7	9.57	10.64	
	Dry Air Flow	Hi / Med / Low		CFM	650 / 512 / 406	630 / 530 / 412	
SEER	Cooling			16.7	16	16	
EER	Cooling			8.5	9.3	8.5	
HSPF	Heating			10.1	9.0	9.0	
Power Supply	V, Phase, Hz	230V / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz	230 / 208V, 1PH, 60Hz	230 / 208V, 1PH, 60Hz	
Running Amps	Cooling	A		15.0 / 16.6	16.5 (15-16.5) / 18.0	20 (15-20) / 21.9	
	Heating	A		13.2 / 14.6	15.3 (4.5-15.3) / 16.3	18.2 (4.5-18.2) / 19.9	
Power Input	Cooling	W		2,820 / 2,820	3,290	4,000	
	Heating	W		2,490 / 2,490	3,070	3,650	
Back-up Heater		kW		---	---	---	
Fuse or Circuit Breaker Capacity	A	15	30	35	45	45	
Features							
Controls	Microprocessor		Microprocessor		Microprocessor		
Low Ambient Control	Built-in 0°F		Built-in 0°F		Built-in 0°F		
Wireless Remote Controller	Included		Included		Included		
Wired Remote Controller (optional)	CZ-RTC4 & CZ-RTC5		CZ-RD515U & CZ-RC515UA		CZ-RD515U & CZ-RC515UA		
Fan Speeds	3 and Automatic Control / Variable		Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		
Timer	24-hr Program		1-hr OFF and 24-hr Program		1-hr OFF and 24-hr Program		
Air Deflection	Horizontal	---		Manual		Manual	
	Vertical	Automatic		Automatic		Automatic	
Air Filter	Washable		Washable		Washable		
Refrigerant	R-410A		R-410A		R-410A		
Refrigerant control	Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		
Operation Sound	In (Hi / Me / Lo / Qt)	dB-A		49 / 44 / 39 / 32	49 / 44 / 39 / 32	49 / 44 / 39 / 32	
	Outdoor (Hi)	dB-A		55	55	55	
Refrigerant Piping	Type	Flare		Flare		Flare	
	Discharge	inches		3/8"	3/8"	3/8"	
	Suction	inches		5/8"	5/8"	5/8"	
Refrigerant Pipe Length	Ft.		Max. 165		Max. 164		
Elevation Difference*	Outdoor Above	Ft.		Max. 100		Max. 100	
	Outdoor Below	Ft.		Max. 50		Max. 50	
Dimensions & Weight							
Height	inches		Indoor Unit: 11-13/16"	Outdoor Unit: 30-23/32"	Indoor Unit: 11-3/16"	Outdoor Unit: 35-13/16"	
Width	inches		41-15/16"	37"	41-15/16"	37-1/32"	
Depth	inches		9-1/16"	13-3/8"	9-1/16"	13-3/8"	
Net Weight	Lbs.		32.0	128.0	32.0	185.0	

Important: You must use refrigerant piping rated for R410a.

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p. 36 for additional information.

KS30NKUA** / KS36NKUA**



Indoor Unit
CS-KS30NKU / CS-KS36NKU



Outdoor Unit
CU-KS30NKUA / CU-KS36NKUA



Wireless Remote Controller (Included)



Wired Remote Controller CZ-RD515U (Optional)



Wall Mounted Air Conditioners					
Model No. Unit Model No.	KS30NKUA		KS36NKUA		
	Indoor Unit CS-KS30NKU	Outdoor Unit CU-KS30NKUA	Indoor Unit CS-KS36NKU	Outdoor Unit CU-KS36NKUA	
Performance & Electrical Ratings					
Capacity	Cooling	Btu/h		30,600 (10,900-30,600)	
	Heating	Btu/h		---	
Moisture Removal	High	Pints/H		9.57	
	Hi / Med / Low	CFM		630 / 530 / 412	
SEER	Cooling			16.0	
EER	Cooling			9.3	
HSPF	Heating			---	
Power Supply		V, Phase, Hz		230 / 208V, 1PH, 60Hz	
Running Amps	Cooling	A		16.5 / 18	
	Heating	A		---	
Power Input	Cooling	W		3,290	
	Heating	W		---	
Back-up Heater		kW		---	
Fuse or Circuit Breaker Capacity		A		35	
Features					
Controls	Microprocessor		Microprocessor		
Low Ambient Control	Built-in 0° F		Built-in 0° F		
Wireless Remote Controller	Included		Included		
Wired Remote Controller (optional)	CZ-RD515U & CZ-RC515UA		CZ-RD515U & CZ-RC515UA		
Fan Speeds	Hi / Me / Lo & Auto		Hi / Me / Lo & Auto		
Timer	1-hr OFF and 24-hr Program		1-hr OFF and 24-hr Program		
Air Deflection	Horizontal	Manual		Manual	
	Vertical	Automatic		Automatic	
Air Filter	Washable		Washable		
Refrigerant	R-410A		R-410A		
Refrigerant control	Electric Expansion Valve		Electric Expansion Valve		
Operation Sound	In (Hi / Me / Lo / Qt)	dB-A		49 / 44 / 39 / 32	
	Outdoor (Hi)	dB-A		55	
Refrigerant Piping	Type	Flare		Flare	
	Discharge	inches		3/8"	
	Suction	inches		5/8"	
Refrigerant Pipe Length		Ft.		Max. 164	
Elevation Difference**	Outdoor Above	Ft.		Max. 100	
	Outdoor Below	Ft.		Max. 50	
Dimensions & Weight					
Height		Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
	inches	11-3/16"	35-13/16"	11-3/16"	35-13/16"
Width		Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
	inches	41-15/16"	37-1/3"	41-15/16"	37-1/32"
Depth		Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
	inches	9-1/16"	13-3/8"	9-1/16"	13-3/8"
Net Weight		Lbs.	32	183	

Important: You must use refrigerant piping rated for R410a.

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p. 36 for additional information.

** Not for sale in CA, AZ, NV and NM.

Ceiling Heat Pumps

26PET2U6 / 36PET2U6 / 42PET2U6

NEW

ECONAVI

Indoor Unit

S-26PT2U6 / S-36PT2U6 / S-42PT2U6



High



NEW



CZ-RWSU3U
Wireless Controller
Transmitter/Receiver Kit



CZ-CENSC1*
Econavi Sensor
(Optional)



CZ-RTC4*
Standard Wired
Remote Controller
(Optional)



CZ-RTC5*
High-spec Wired
Remote Controller
(Optional)

*Sensor/Controller required,
not included. Sold separately.



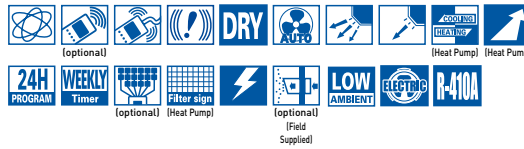
Outdoor Unit

U-26PE1U6
U-36PE1U6



Outdoor Unit

U-42PE1U6



Application Example

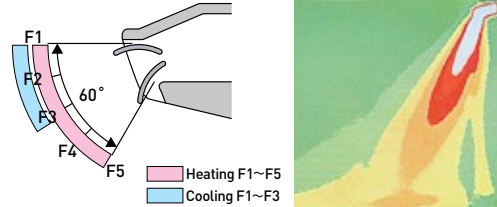
The ceiling-mounted unit is equipped with a highly efficient, multi-blade centrifugal fan that generates a powerful, yet gentle airflow throughout the room.

A redesigned aerodynamically tested louver structure minimizes operational sound even at high fan speed.



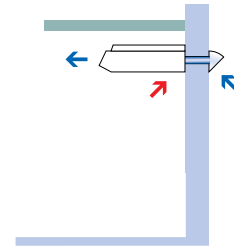
Auto-Louver Function Provides Optimum Airflow During Heating or Cooling Operation

Auto-louver function is a standard feature which provides optimum airflow during heating or cooling operation. Angle of louver is automatically set for heating or cooling. For example, when heating with fan speed set to low, the discharge is aimed downward so that warm air reaches the floor. The louver angle can be set to between 4°F above and 80°F below the horizontal in five steps. An auto-sweep function to distribute the airflow over a wide area is also provided. Wind direction is adjusted automatically in both heating and cooling operation. The louver can also be set to swing automatically from F1 to F5 in any operation mode (heat pump type only).



Fresh Air Intake Capability and Duct Extension

Ceiling-suspended models have the capability of bringing fresh air from outside using an air-intake duct (field supplied).



		Ceiling							
		Heat Pumps							
Model No.		26PET2U6		36PET2U6		42PET2U6			
Unit Model No.		Indoor Unit S-26PT2U6	Outdoor Unit U-26PE1U6	Indoor Unit S-36PT2U6	Outdoor Unit U-36PE1U6	Indoor Unit S-42PT2U6	Outdoor Unit U-42PE1U6		
Performance & Electrical Ratings									
Capacity	Cooling	24,000 (9,500-24,000)		32,600 (9,500-32,600)		39,000 (14,000-39,000)			
	Heating	27,000 (8,000-27,000)		36,200 (8,000-36,200)		44,500 (13,500-44,500)			
Moisture Removal	High	5.3		6.5		8.4			
Dry Air Flow	Hi / Med / Low	742 / 636 / 547		1,059 / 883 / 812		1,201 / 989 / 848			
SEER	Cooling	16.8		18.0		16.7			
EER	Cooling	8.9		9.2		9.4			
HSPF	Heating	9.4		9.5		10.2			
Power Supply	V, Phase, Hz	230 / 208 / 1 / 60		230 / 208 / 1 / 60		230 / 208 / 1 / 60			
Running Amps	Cooling	14.4 / 15.9		16.6 / 18.3		21.2 / 23.4			
	Heating	12.9 / 14.3		13.9 / 15.4		19.6 / 21.7			
Power Input	Cooling	2,700 / 2,700		3,550 / 3,550		4,160 / 4,160			
	Heating	2,430 / 2,430		3,000 / 3,000		3,860 / 3,860			
Fuse or Circuit Breaker Capacity	A	15	30	15	35	15	40		
Features									
Controls		Microprocessor		Microprocessor		Microprocessor			
Low Ambient Control (for Cooling)		Built-in 0°F		Built-in 0°F		Built-in 0°F			
Wireless Remote Controller (optional)		CZ-RWSU3U, CZ-RWSC1U		CZ-RWSU3U, CZ-RWSC1U		CZ-RWSU3U, CZ-RWSC1U			
Wired Remote Controller (optional)		CZ-RTC4 / CZ-RTC5		CZ-RTC4 / CZ-RTC5		CZ-RTC4 / CZ-RTC5			
Fan Speeds		3 and Automatic Control / Variable		3 and Automatic Control / Variable		3 and Automatic Control / Variable			
Timer		7 Days / 6 Events		7 Days / 6 Events		7 Days / 6 Events			
Air Deflection	Horizontal	---		---		---			
	Vertical	Automatic		Automatic		Automatic			
Air Filter		Washable		Washable		Washable			
Refrigerant		R-410A		R-410A		R-410A			
Refrigerant control		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve			
Operation Sound	In (Hi / Me / Lo)	39 / 35 / 31		42 / 37 / 35		46 / 40 / 36			
	Outdoor (Hi)	49		52		53			
Refrigerant Piping	Type	Flare		Flare		Flare			
	Discharge	3/8"		3/8"		3/8"			
	Suction	5/8"		5/8"		5/8"			
Refrigerant Pipe Length	FL	Max. 165		Max. 165		Max. 165			
Elevation Difference*	Outdoor Above	Max. 100		Max. 100		Max. 100			
	Outdoor Below	Max. 50		Max. 50		Max. 50			
Dimensions & Weight		Indoor Unit		Outdoor Unit		Indoor Unit		Outdoor Unit	
Height	inches	9-1/4"		30-23/32"		9-1/4"		48-7/16"	
Width	inches	50-13/64"		37"		62-19/32"		37"	
Depth	inches	27-11/64"		13-3/8"		27-11/64"		13-3/8"	
Net Weight	Lbs.	73.0		128.0		88.0		220.0	

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalog)

4-Way Cassette Heat Pumps

E12RB4U / E18RB4U

Indoor Unit

CS-E12RB4UW*
CS-E18RB4UW*

*Grille not included.
Sold separately.

Grille Assembly

CZ-BT20U

(Order separately)



Wireless
Remote
Controller
(Included)



Wired Remote
Controller
CZ-RD52CU



Outdoor Unit
CU-E12RB4U



Outdoor Unit
CU-E18RB4U



26PEU2U6 / 36PEU2U6 / 42PEU2U6

ECONAVI

Indoor Unit

S-26PU2U6*
S-36PU2U6*
S-42PU2U6*

*Grille not included.
Sold separately.

Grille Assembly

CZ-36KPU3U

(Order separately)



CZ-RWSU3U
Wireless Controller
Transmitter/Receiver Kit



CZ-CENS1*
Econavi Sensor
(Optional)



CZ-RTC*
Standard Wired
Remote Controller



CZ-RTC5*
High-spec Wired
Remote Controller
(Optional)



Outdoor Unit
U-26PE1U6
U-36PE1U6



Outdoor Unit
U-42PE1U6

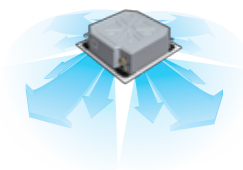


*Sensor/Controller required,
not included. Sold separately.

4-Way Airflow Design Sends Cool Air in all Directions

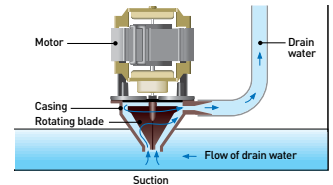
Air is returned through the center of the grille, while evenly distributing air through each of the 4 supply air openings. Installation in the center of the room provides for the greatest comfort. However, 1 or 2 supply louvers can be closed for installation near 1 wall to provide 3 or 2 way airflow. Also, by closing off 1 supply louver.

Comfort/Quiet



Integrated Drain Pump

Drain pump is built into the unit to raise the condensate up 20 inches from the drain pump discharge.



Whisper-Quiet Operation

Thanks to the newly developed turbo fan and decreased resistance of the air path, one of the industry's lowest levels of noise has been achieved.



4-Way Cassette 24" x24" Heat Pumps			Heat Pumps						
Model No.			E12RB4U			E18RB4U			
Unit Model No.			Indoor Unit		Outdoor Unit	Indoor Unit		Outdoor Unit	
			CS-E12RB4UW		CU-E12RB4U	CS-E18RB4UW		CU-E18RB4U	
Grille Assembly			CZ-BT20U			CZ-BT20U			
Performance & Electrical Ratings									
Capacity	Cooling	Btu/h	11,900 (4,100-13,100)			17,500 (4,400-18,700)			
	Heating	Btu/h	13,600 (4,100-16,300)			20,400 (4,400-21,000)			
Moisture Removal	High	Pints/H	4			6.1			
Dry Air Flow	Heating / Cooling	CFM	390 / 370			495 / 450			
SEER	Cooling	Btu/Wh	18			17.5			
EER	Cooling	Btu/Wh	10.3			10.25			
HSPF	Heating	Btu/Wh	9			8.5			
Power Supply	V, Phase, Hz		208/230V, Single phase, 60Hz			208/230V, Single phase, 60Hz			
Running Amps	Cooling	A	6 (1.25-6.3)			9.1 (1.2-8.3)			
	Heating	A	6.9 (1.25-7.3)			12.5 (1.3-10.5)			
Power Input	Cooling	W	1,150 (250-1,320)			1,700 (250-1,850)			
	Heating	W	1,360 (230-1,710)			2,340 (270-2,500)			
Fuse or Circuit Breaker Capacity	A		15			25			
Features									
Controls				Microprocessor			Microprocessor		
Low Ambient Control (for Cooling)				Equipped			Equipped		
Wireless Remote Controller				Included			Included		
Wired Remote Controller (optional)				CZ-RD52CU			CZ-RD52CU		
Fan Speeds				Hi/Me/Lo & Auto			Hi/Me/Lo & Auto		
Air Deflection	Horizontal		---			---			
	Vertical		Microprocessor			Automatic			
Air Filter				Washable			Washable		
Refrigerant				R-410A			R-410A		
Refrigerant Control				Electric Expansion Valve			Electric Expansion Valve		
Operation Sound	In (Hi / Me / Lo)	dB-A	34 / 30 / 27			44 / 31 / 28			
	Outdoor (Hi)	dB-A	51 (Max. 66)			52 (Max. 66)			
Refrigerant Piping (Cooling)	Type		Flare			Flare			
	Discharge	inches	1/4"			1/4"			
	Suction	inches	1/2"			1/2"			
Refrigerant Pipe Length		Ft.	65			100			
Elevation Difference*	Outdoor Above	Ft.	49			49			
	Outdoor Below	Ft.	49			49			
Dimensions & Weight									
Height		inches	10-1/4"		21-1/2"	10-1/4"		31-1/2"	
Width		inches	22-3/4"		31"	22-3/4"		34-1/2"	
Depth		inches	22-3/4"		11-1/2"	22-3/4"		12-3/4"	
Net Weight		Lbs.	40		82	40		132	

4-Way Cassette 36" x 36" Heat Pumps			Heat Pumps								
Model No.			26PEU2U6		36PEU2U6		42PEU2U6				
Unit Model No.			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit			
			S-26PU2U6	U-26PE2U6	S-36PU2U6	U-36PE2U6	S-42PU2U6	U-42PE2U6			
Grille Assembly			CZ-36KPU3U			CZ-36KPU3U					
Performance & Electrical Ratings											
Capacity	Cooling	Btu/h	24,800 (9,500-24,800)			32,600 (9,500-32,600)			39,000 (14,000-39,000)		
	Heating	Btu/h	28,600 (8,000-28,600)			37,000 (8,000-37,000)			48,000 (13,500-48,000)		
Moisture Removal	High	Pints/H	4.6			4.4			7.1		
Dry Air Flow	Hi / Med / Low	CFM	777 / 600 / 494			1,165 / 953 / 742			1,236 / 989 / 777		
SEER	Cooling		17.2			16.0			15.6		
EER	Cooling		9.1			8.3			8.7		
HSPF	Heating		10.3			9.0			8.9		
Power Supply	V, Phase, Hz		230 / 208 / 1 / 60			230 / 208 / 1 / 60			230 / 208 / 1 / 60		
Running Amps	Cooling	A	14.6 / 16.1			18.4 / 20.3			23.1 / 25.5		
	Heating	A	13.8 / 15.2			15.8 / 17.5			22.1 / 24.5		
Power Input	Cooling	W	2,730 / 2,730			3,940 / 3,940			4,500 / 4,500		
	Heating	W	2,580 / 2,580			3,400 / 3,400			4,320 / 4,320		
Fuse or Circuit Breaker Capacity	A		15		30	15		35	15	40	
Features											
Controls				Microprocessor			Microprocessor				
Low Ambient Control (for Cooling)				Built-in 0°F			Built-in 0°F				
Wireless Remote Controller (optional)				CZ-RWSU3U			CZ-RWSU3U				
Wired Remote Controller (optional)				CZ-RTC4 / CZ-RTC5			CZ-RTC4 / CZ-RTC5				
Fan Speeds				3 and Automatic Control / Variable			3 and Automatic Control / Variable				
Timer				7 Days / 6 Events			7 Days / 6 Events				
Air Deflection	Horizontal		---			---					
	Vertical		Automatic			Automatic					
Air Filter				Washable			Washable				
Refrigerant				R-410A			R-410A				
Refrigerant Control				Electric Expansion Valve			Electric Expansion Valve				
Operation Sound	In (Hi / Me / Lo)	dB-A	37 / 31 / 28			44 / 38 / 32			45 / 39 / 33		
	Outdoor (Hi)	dB-A	49			52			53		
Refrigerant Piping	Type		Flare			Flare					
	Discharge	inches	3/8"			3/8"					
	Suction	inches	5/8"			5/8"					
Refrigerant Pipe Length		Ft.	Max. 165			Max. 165					
Elevation Difference*	Outdoor Above	Ft.	Max. 100			Max. 100					
	Outdoor Below	Ft.	Max. 50			Max. 50					
Dimensions & Weight											
Height		inches	10-5/64"		30-23/32"	12-9/16"		30-23/32"	12-9/16"	48-7/16"	
Width		inches	33-5/64"		37"	33-5/64"		37"	33-5/64"		
Depth		inches	33-5/64"		13-3/8"	33-5/64"		13-3/8"	33-5/64"		
Net Weight		Lbs.	53.0		128.0	60.0		143.0	60.0		

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



New Slim Duct **Available Summer 2016**

9,000 Btu/h

12,000 Btu/h

18,000 Btu/h

Concealed Duct-Medium Static Heat Pumps

26PEF2U6

ECONAVI

Indoor Unit
S-26PF2U6

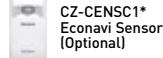
Supplies are 8" dia



Outdoor Unit
U-26PE1U6



CZ-RWSU3U
Wireless
Controller
Transmitter/
Receiver Kit



CZ-CENSC1*
Econavi Sensor
(Optional)



CZ-RTC4*
Standard Wired
Remote Controller
(Optional)



CZ-RTC5*
High-spec Wired
Remote Controller
(Optional)

*Sensor/Controller required, not included. Sold separately.

36PEF2U6

ECONAVI

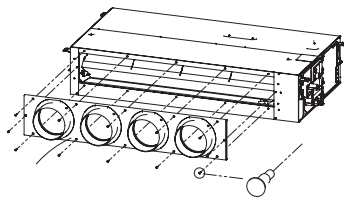
Indoor Unit
S-36PF2U6



Outdoor Unit
U-36PE1U6



Duct Flange



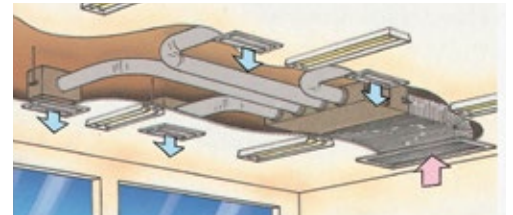
4 circle duct flange (CZ-160DAF2 use with S-36PF2U6)
3 circle duct flange (CZ-90DAF2 use with S-26PF2U6)

Built-In Drain Pump

Drain pump is built into the unit to raise the condensate up 20 inches from the drain pump discharge.

Installation Example

The picture shows the standard ducting system, where air is taken in from the back of the unit. This system is useful for places that need extensive air conditioning, including conference halls, showrooms, and restaurants.



			Concealed Duct			
			Heat Pumps		Heat Pumps	
			26PEF2U6		36PEF2U6	
Model No.			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Unit Model No.			S-26PF2U6	U-26PE1U6	S-36PF2U6	U-36PE1U6
Performance & Electrical Ratings						
Capacity	Cooling	Btu/h	24,000 (9,500-24,000)		31,200 (9,500-31,200)	
	Heating	Btu/h	28,600 (8,000-28,600)		36,200 (8,000-36,200)	
Moisture Removal	High	Pints/H	7.7		10.0	
Dry Air Flow	Hi / Med / Low	CFM	670 / 530 / 460		1,060 / 920 / 750	
	SEER	Cooling	14.0		13.9	
EER	Cooling	9.1		7.8		
HSPF	Heating	9.0		8.5		
Power Supply	V, Phase, Hz	230/208, 1Ph, 60Hz		230/208, 1Ph, 60Hz		
Running Amps	Cooling	A	13.6 / 15.0		18.6 / 20.6	
	Heating	A	12.5 / 13.8		15.9 / 17.6	
Power Input	Cooling	W	2,600 / 2,600		3,920 / 3,920	
	Heating	W	2,400 / 2,400		3,340 / 3,340	
External Static Pressure		in. WC	0.20		0.24	
Fuse or Circuit Breaker Capacity	A		15	30	15	35
Features						
Controls			Microprocessor		Microprocessor	
Low Ambient Control			Built-in 0°F		Built-in 0°F	
Wireless Remote Controller (optional)			CZ-RWSU3U, CZ-RWSC1U		CZ-RWSU3U, CZ-RWSC1U	
Wired Remote Controller (optional)			CZ-RTC4 / CZ-RTC5		CZ-RTC4 / CZ-RTC5	
Fan Speeds			3 and Automatic Control / Variable		3 and Automatic Control / Variable	
Timer			7 Days / 6 Events		7 Days / 6 Events	
Air Deflection	Horizontal		---		---	
	Vertical		---		---	
Air Filter			---		---	
Refrigerant Control			Electric Expansion Valve		Electric Expansion Valve	
Operation Sound	In (Hi / Me / Lo)	dB-A	34 / 30 / 27		38 / 33 / 31	
	Outdoor (Hi)	dB-A	49		52	
Refrigerant Piping	Type		Flare		Flare	
	Discharge	inches	3/8"		3/8"	
	Suction	inches	5/8"		5/8"	
Refrigerant Pipe Length		Ft.	Max. 165		Max. 165	
Elevation Difference**	Outdoor Above	Ft.	Max. 100		Max. 100	
	Outdoor Below	Ft.	Max. 50		Max. 50	
Dimensions & Weight						
Height	inches		Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
			11 7/16"	30-23/32"	12-7/32"	30-23/32"
Width	inches		39-3/8"		58-9/32"	
Depth	inches		27 9/16"		24-13/16"	
Net Weight	Lbs.		73.0	128.0	104.0	143.0

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

Concealed Ducted Air Conditioners & Heat Pumps

See following pages for outdoor model specification and combination tables.

Outdoor Units



2 Zone

CU-2E18NBU

18,000 Btu/h (1.5 Ton)

18.0 SEER / 8.8 HSPF



2-3 Zones

CU-3E19RBU

19,000 Btu/h (1.5 Ton)

Up to 22.0 SEER / 12.55 HSPF



2-4 Zones

CU-4E24RBU

24,000 Btu/h (2 Ton)



2-5 Zones

CU-5E36QBU

36,000 Btu/h (3 Ton)

All multi split condensers must have minimum two indoor units installed.

Indoor Units



Wall Mount



4-Way Ceiling



Slim Duct
(Summer 2016)

Indoor Unit: Wall Mounted Type

Model No.			CS-ME5RKUA	CS-ME7RKUA	CS-E9RKUAW	CS-E12RKUAW	CS-E18RKUAW	CS-E24RKUAW
Performance & Electrical Ratings								
Capacity	Cooling	Btu/h	5,500 (4,400-7,800)	6,900 (6,100-9,900)	8,600 (6,100-9,900)	10,900 (6,100-13,000)	17,100 (6,500-19,800)	24,000 (5,800-27,200)
	Heating	Btu/h	8,900 (4,100-10,900)	10,900 (4,100-14,000)	12,300 (4,100-14,700)	15,300 (4,100-19,800)	23,400 (19,400-4,100)	28,800 (5,800-29,200)
Moisture Removal	High	Pints/H	0.6	0.8	1.1	1.3	21	7.6
Dry Air Flow	High	CFM	415	425	430	475	680	715
Power Supply	V, Phase, Hz		208/230V, 1PH, 60Hz	230/208V, 1PH, 60Hz	230/208V, 1PH, 60Hz	230/208V, 1PH, 60Hz	230/208V, 1PH, 60Hz	230/208V, 1PH, 60Hz
Running Amps	Cooling	A	2.0 / 2.3	2.5 / 2.8	3.2 / 3.5	3.9 / 4.3	7.2 / 8.0	10.8 / 11.9
	Heating	A	3.0 / 3.4	3.7 / 4.1	4.7 / 5.2	6.0 / 6.6	8.3 / 9.3	11.4 / 12.6
Power Input	Cooling	W	400 (250-640)	500 (340-810)	630 (340-810)	800 (340-1,360)	1,300 (430-1,600)	2,350 (430-2,720)
	Heating	W	600 (300-960)	740 (300-1,230)	940 (300-1,230)	1,230 (200-2,100)	1,750 (380-1,800)	2,500 (380-2,660)
Operation Sound [Hi / Me / Lo / Q-Lo]	Cooling		38 / 25	39 / 25	40 / 25	43 / 28	47 / 39 / 36	48 / 40 / 37
	Heating		40 / 29	41 / 29	42 / 29	44 / 35 / 32	46 / 39 / 36	48 / 40 / 37
Elevation Difference*	Outdoor Above	ft	Max. 49	Max. 49	Max. 49.2	Max. 49.2	Max. 49.2	Max. 49.2
	Outdoor Below	ft	Max. 49	Max. 49	Max. 49.2	Max. 49.2	Max. 49.2	Max. 49.2
Refrigerant Tube Diameter	Discharge	inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Suction	inches	3/8"	3/8"	3/8"	3/8"	1/2"	5/8"
Adapters Required			n/a	n/a	n/a	CZ-MA1P	CZ-MA1P	CZ-MA2P and CZ-MA3P
Dimensions & Weight								
Height	inches		11-7/16"	11-7/16"	11-7/16"	11-7/16"	11-7/16"	11-7/16"
Width	inches		34-9/32"	34-9/32"	34-9/32"	34-9/32"	42-5/32"	42-5/32"
Depth	inches		8-7/16"	8-7/16"	8-7/16"	8-7/16"	9-15/32"	9-15/32"
Net Weight	lb		20.0	20.0	20.0	20.0	26.0	26.0

Indoor Unit: 4 Way Cassette

Model No.			CS-E12RB4UW	CS-E18RB4UW
Performance & Electrical Ratings				
Capacity	Cooling	Btu/h	10,900 (6,100-13,000)	171,000 (6,500-19,400)
	Heating	Btu/h	15,300 (4,100-19,800)	23,400 (4,100-23,600)
Moisture Removal	High	Pints/H	3.2	4.4
Dry Air Flow	High	CFM	370(C), 390(H)	450(C), 495(H)
Power Supply	V, Phase, Hz		230/208V, 1PH, 60Hz	230/208V, 1PH, 60Hz
Running Amps	Cooling	A	4.3 / 3.9	8.0 / 7.2
	Heating	A	6.6 / 6.0	10.7 / 9.7
Power Input	Cooling	W	800 (340-1,360)	1,550 (340-2,130)
	Heating	W	1,230 (300-2,100)	2,100 (300-2,520)
Operation Sound [Hi / Me / Lo / Q-Lo]	Cooling		36 / 30	36 / 32
	Heating		36 / 32	46 / 33
Elevation Difference*	Outdoor Above	ft	Max. 49.0	Max. 49.0
	Outdoor Below	ft	Max. 49.0	Max. 49.0
Refrigerant Tube Diameter	Discharge	inches	1/4"	1/4"
	Suction	inches	1/2"	1/2"
Adapters Required			CZ-MA1P	CZ-MA1P
Dimensions & Weight				
Height	inches		11-7/16"	11-7/16"
Width	inches		34-9/32"	34-9/32"
Depth	inches		8-7/16"	8-7/16"
Net Weight	lb		20.0	20.0

Slim Duct models Summer 2016:

9,000 Btu/h
12,000 Btu/h
18,000 Btu/h

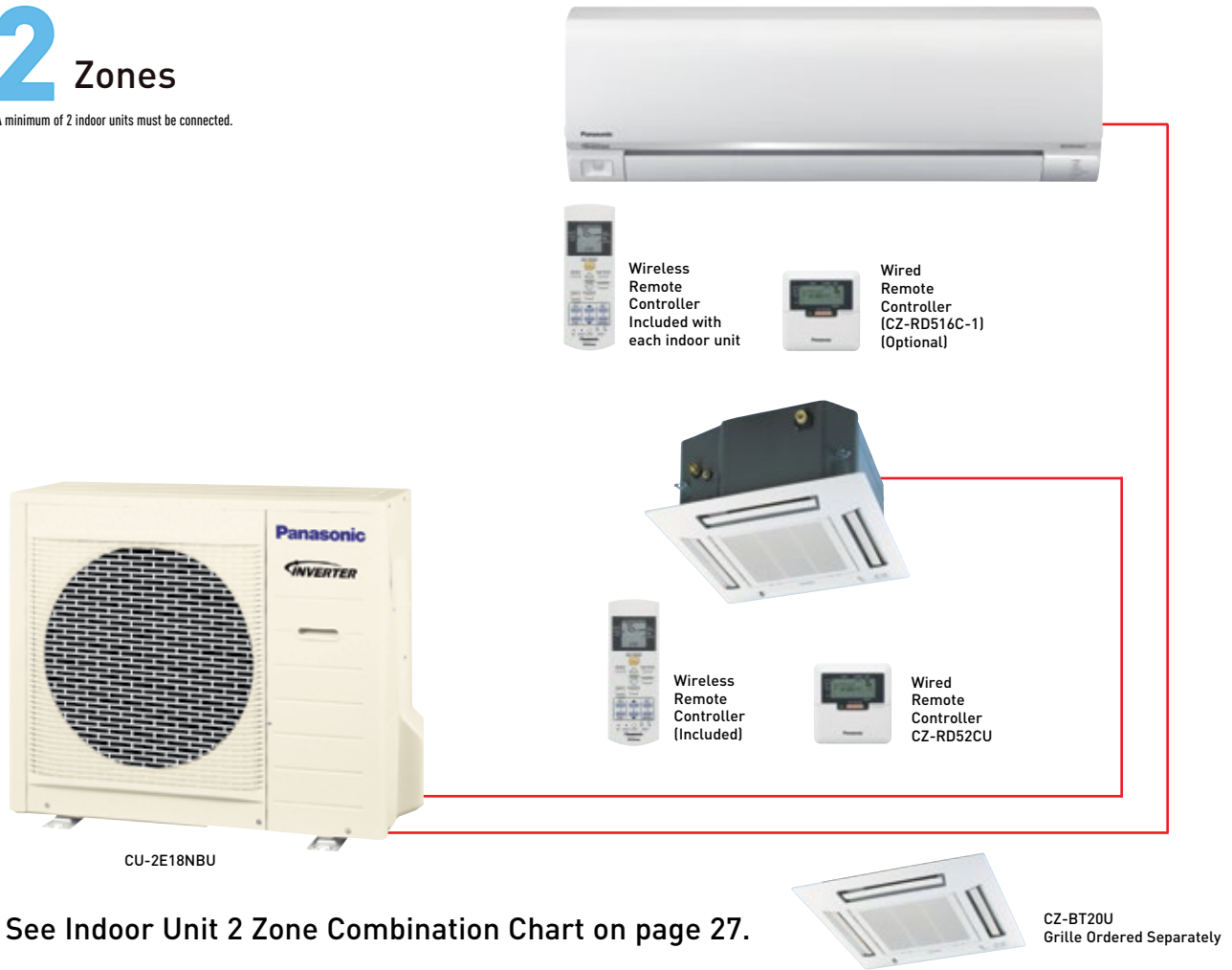
Important: You must use refrigerant piping rated for R410a.

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p. 36 for additional information.

Multi-Zone Systems

2 Zones

A minimum of 2 indoor units must be connected.



See Indoor Unit 2 Zone Combination Chart on page 27.

Indoor Unit: Wall Mounted Type

Model No.	CU-2E18NBU	
Performance	Cooling	Heating
Capacity	Btu/h 16,700	20,200
Air Circulation	High	CFM 1,313
Number of Connectable Indoor Units	2	
SEER	Cooling	18.0
EER	Cooling	11.5
HSPF	Heating	8.8
Electrical Rating		
Power Supply	V, Phase, Hz	230V / 208V, 1PH, 61Hz
Running Ampere	A	6.9 / 7.6
Power Input	W	1,450
Maximum Fuse Size	Amps	25
Features		
Controls	Microprocessor	
Fan Speeds	Auto	
Compressor	DC Inverter	
Refrigerant / Amount Charged at Shipment	R-410A / 67.80 Oz	
Refrigerant Control	Electric Expansion Valve	
Operation Sound	Hi	dB-A 48
Refrigerant Tubing Connections	Type	Flare
Max. Allowable Tubing Length	Ft.	Max.164 (82" per unit)
Refrigerant Tube Diameter	Discharge	inch 1/4"
	Suction	inch 3/8"
Dimensions & Weight		
Unit Dimensions	H x W x D	inch 31-5/16" x 34-15/32" (+3-3/4) x 12-5/8"
Net Weight	Lbs.	152

Important: You must use refrigerant piping rated for R410a. See p. 36 for additional information.

* Test Conditions based on AHRI 210/240

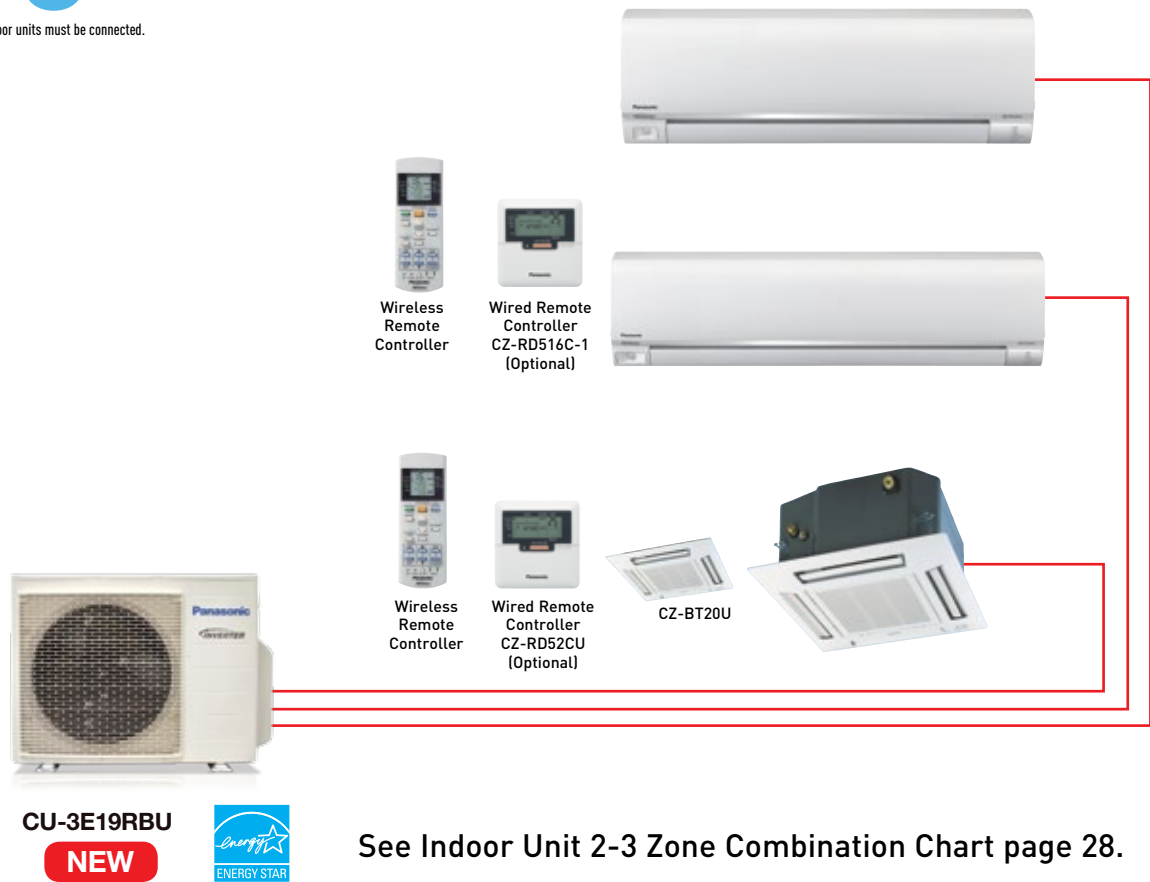


Multi-Zone Systems

2-3 Zones

A minimum of 2 indoor units must be connected.

Connectable from 2 to 3 Indoor Units



CU-3E19RBU

NEW



See Indoor Unit 2-3 Zone Combination Chart page 28.

Outdoor Unit

Model No.		CU-3E19RBU	
Performance		Cooling	
Capacity	Btu/h	19,000 (6,100-24,800)	
Air Circulation	CFM	1,447	
Number of Connectable Indoor Units		2-3	
SEER	Cooling	22.00	
EER	Cooling	12.55	
HSPF	Heating	12.60	
Electrical Rating		Heating	
Power Supply	V, Phase, Hz	230V / 208V, 1Ph, 60Hz	
Running Ampere	A	6.7 / 7.4	
Power Input	W	1,510 (360-2,420)	
Maximum Fuse Size	Amps	30	
Features		9.1 / 10.1	
Controls		2,060 (320-2,300)	
Fan Speeds		30	
Compressor		52	
Refrigerant / Amount Charged at Shipment		Flare	
Refrigerant Control		82 (per Unit) 164 (per System) with additional refrigerant	
Operation Sound	Hi	50	
Refrigerant Tubing Connections	Type	Flare	
Max. Allowable Tubing Length	Ft	82 (per Unit) 164 (per System) with additional refrigerant	
Refrigerant Tube Diameter	Discharge	1/4" x 3	
	Suction	3/8" x 3	
Dimensions & Weight		31-5/16" x 34-15/32" x 12-5/8"	
Unit Dimensions	H x W x D	inch	
Net Weight	Lbs.	159	

Important: You must use refrigerant piping rated for R410a. See p. 36 for additional information.

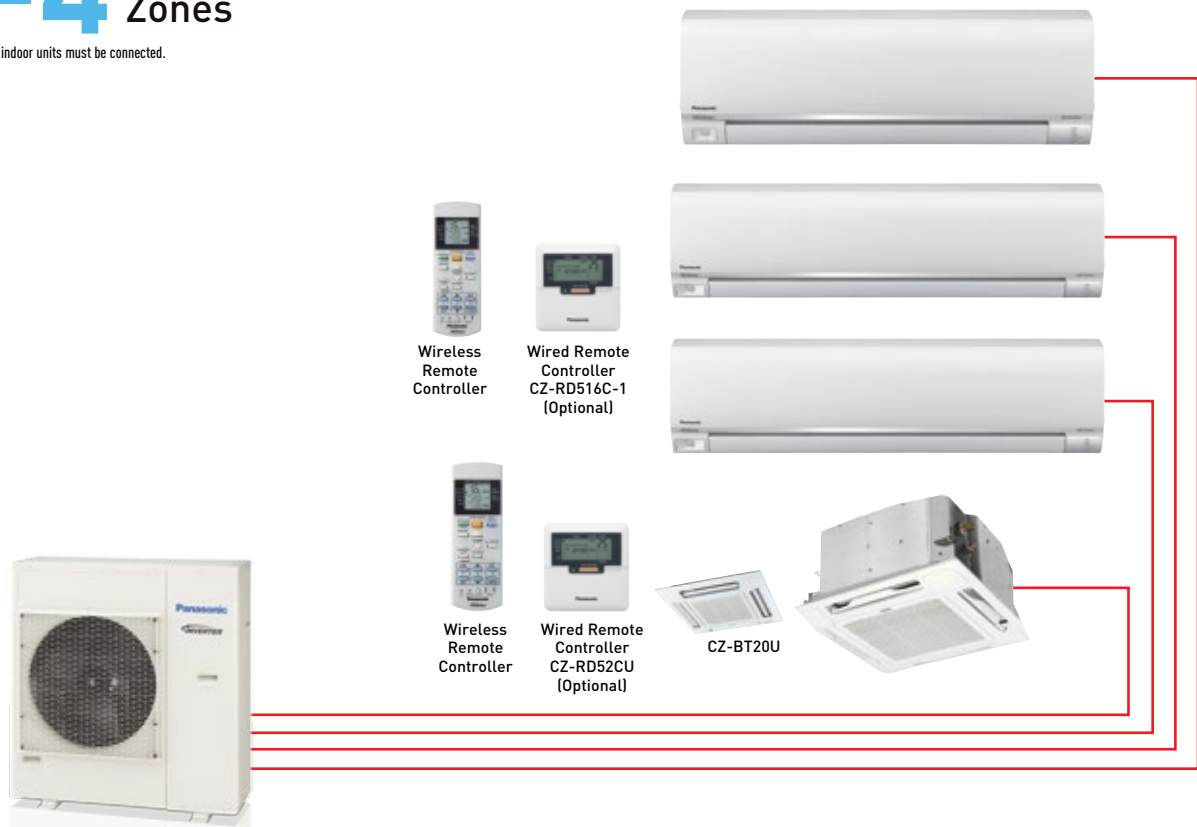
* Test Conditions based on AHRI 210/240

Multi-Zone Systems

2-4 Zones

A minimum of 2 indoor units must be connected.

Connectable from 2 to 4 Indoor Units



CU-4E24RBU

NEW



See Indoor Unit 2-4 Zone Combination Chart pages 29-30.

Outdoor Unit

Model No.		CU-4E24RBU	
Performance		Cooling	Heating
Capacity	Btu/h	24,000 (10,200-31,400)	37,800 (14,300-48,500)
Air Circulation	High CFM	1,963	2,330
Number of Connectable Indoor Units		2-4	
SEER	Cooling	22.00	
EER	Cooling	12.55	12.45
HSPF	Heating		8.50
Electrical Rating			
Power Supply	V, Phase, Hz	230V / 208V, 1Ph, 60Hz	
Running Ampere	A	8.9 / 9.9	13.9 / 15.3
Power Input	W	1,910 (530-2,870)	3,030 (700-4,380)
Maximum Fuse Size	Amps	45	
Features			
Controls		Microprocessor	
Fan Speeds		Auto (Hi, Me, Lo)	
Compressor		DC Inverter	
Refrigerant / Amount Charged at Shipment		R-410A / 120.0 oz	
Refrigerant Control		Electric Expansion Valve	
Operation Sound	Hi dB-A	55	55
Refrigerant Tubing Connections	Type	Flare	
Max. Allowable Tubing Length	Ft	82 (per Unit) 230 (per System with additional Refrigerant)	
Refrigerant Tube Diameter	Discharge	1/4" x 4	
	Suction	3/8" x 4	
Dimensions & Weight			
Unit Dimensions	H x W x D	39-11/32" x 37-1/32" x 13-13/32"	
Net Weight	Lbs.	183	

Important: You must use refrigerant piping rated for R410a. See p. 36 for additional information.

* Test Conditions based on AHRI 210/240

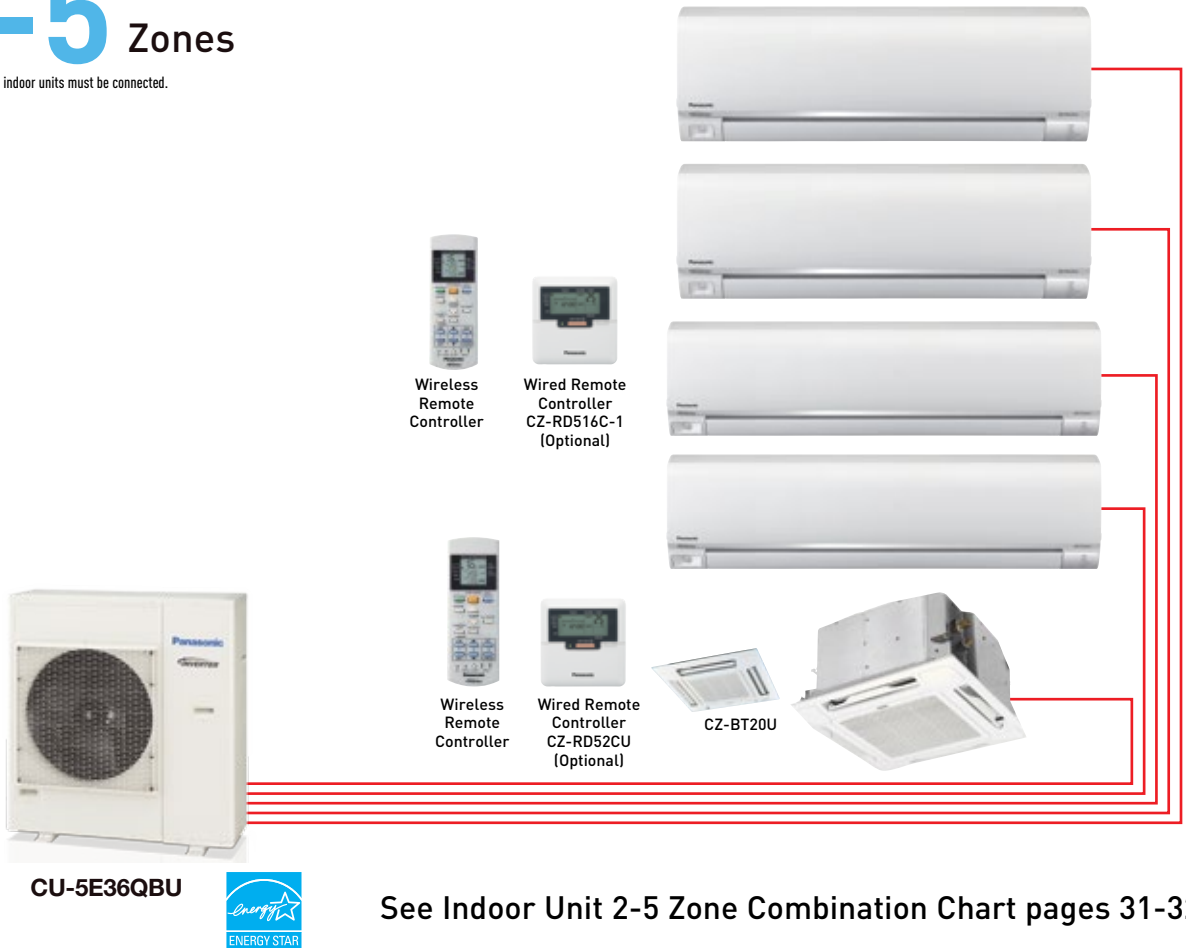


Multi-Zone Systems

2-5 Zones

A minimum of 2 indoor units must be connected.

Connectable from 2 to 5 Indoor Units



CU-5E36QBU



See Indoor Unit 2-5 Zone Combination Chart pages 31-32.

Outdoor Unit

Model No.			CU-5E36QBU	
Performance			Cooling	Heating
Capacity	Rated (min-max)	Btu/h	36,000 (9,900-39,000)	37,800 (11,600-49,500)
Air Circulation	High	CFM	2,475	
Number of Connectable Indoor Units			2-5	
SEER	Cooling		18.5	
EER	Cooling		9.60	
HSPF	Heating			13.05
Electrical Rating				
Power Supply	V, Phase, Hz		230V / 208V, 1Ph, 60Hz	
Running Ampere	A		17.2 / 19.0	13.4 / 14.8
Power Input	W		3,750 (550-3,860)	2,900 (530-4,240)
Maximum Fuse Size	Amps		45A	
Features				
Controls			Microprocessor	
Compressor			DC Inverter	
Refrigerant / Amount Charged at Shipment	Type/oz		R-410A / 120.0 oz	
Refrigerant Control			Electric Expansion Valve	
Operation Sound	Hi	dB-A	55	
Refrigerant Tubing Connections	Type		Flare	
Max. Allowable Tubing Length		ft	82 (per Unit) 262 (per System) with additional refrigerant	
Refrigerant Tube Diameter	Discharge	inches	1/4" x 5	
	Suction	inches	3/8" x 5	
Adapters Required			CZ-MA2P - Outdoor Unit (When connected to CS-24NKUA)	
Dimensions & Weight				
Unit Dimensions	H x W x D	inches	39-11/32" x 37-1/32" x 13-13/32"	
Net Weight		lb	183	

Important: You must use refrigerant piping rated for R410a. See p. 36 for additional information.

* Test Conditions based on AHRI 210/240

2 Zone Indoor Unit Combination Chart

CU-2E18NBU-Cooling

Indoor unit combinations		Cooling Capacity(BTU/h)				Input Power (W)		Current, 208V (A)	Current, 230V (A)	Moisture Removal Volume pt/h
		Room A	Room B	Total	min - max	Rating	min - max			
2 Room	CS-ME7RKUA + CS-ME7RKUA	6,900	6,900	13,800	6,600 - 16,200	1,050	390 - 1,400	5.5	5.0	0.8 + 0.8
	CS-ME7RKUA + CS-E9RKUAW	6,900	9,600	16,500	7,000 - 19,600	1,500	390 - 1,970	7.8	7.1	0.8 + 1.1
	CS-ME7RKUA + CS-E12RKUAW	6,500	10,200	16,700	7,100 - 20,000	1,500	390 - 1,970	7.8	7.1	0.8 + 1.3
	CS-E9RKUAW / CS-E9RKUAW	8,350	8,350	16,700	7,100 - 20,000	1,450	390 - 1,920	7.6	6.9	1.1 + 1.1
	CS-E9RKUAW / CS-E12RKUAW**	7,800	8,900	16,700	7,200 - 20,000	1,450	390 - 1,870	7.6	6.9	1.1 + 1.3
	CS-E12RKUAW / CS-E12RKUAW*	8,350	8,350	16,700	7,200 - 20,000	1,450	390 - 1,840	7.6	6.9	1.3 + 1.3

CU-2E18NBU-Heating

Indoor unit combinations		Heating Capacity(BTU/h)				Input Power (W)		Current, 208V (A)	Current, 230V (A)	Moisture Removal Volume pt/h
		Room A	Room B	Total	min - max	Rating	min - max			
2 Room	CS-ME7RKUA + CS-ME7RKUA	10,100	10,100	20,200	7,100 - 23,200	1,850	420 - 2,240	9.0	8.1	---
	CS-ME7RKUA + CS-E9RKUAW	8,400	11,800	20,200	7,000 - 23,800	1,850	420 - 2,290	9.0	8.1	---
	CS-ME7RKUA + CS-E12RKUAW	7,700	12,500	20,200	7,100 - 24,200	1,850	420 - 2,310	9.0	8.1	---
	CS-E9RKUAW + CS-E9RKUAW	10,100	10,100	20,200	7,100 - 24,600	1,850	420 - 2,310	9.0	8.1	---
	CS-E9RKUAW + CS-E12RKUAW*	9,400	10,800	20,200	7,200 - 24,600	1,850	420 - 2,290	9.0	8.1	---
		CS-E12RKUAW* + CS-E12RKUAW*	10,100	10,100	20,200	7,200 - 24,600	1,850	420 - 2,290	9.0	8.1

Important: You must use refrigerant piping rated for R410a. See p. 36 for additional information.

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p. 31 for additional information.

** For CS-E12RKUAW, reducing adaptor CZ-MA1P must be used when connecting with multi-zone outdoor unit.

2-3 Zone Indoor Unit Combination Chart

CU-3E19RBU

	Indoor Unit Combination				Indoor Unit Capacity (Btu/h)										
					COOLING				HEATING						
	Room A	Room B	Room C	Total Nominal	Room A	Room B	Room C	Total Performance Capacity (Min. - Max.)	Room A	Room B	Room C	Total Performance Capacity (Min. - Max.)			
2-room Operation	5,500	+	10,900	=	16,400	5,500	11,000		16,500 (5,800 - 21,400)	7,267	14,533		21,800 (4,800 - 24,800)		
	5,500	+	17,100	=	22,600	4,606	14,394		19,000 (5,800 - 23,200)	6,303	19,697		26,000 (4,800 - 27,200)		
	6,900	+	8,600	=	15,500	6,844	8,556		15,400 (5,800 - 21,200)	9,333	11,667		21,000 (4,800 - 23,800)		
	6,900	+	10,900	=	17,800	6,846	10,954		17,800 (5,800 - 21,400)	9,077	14,523		23,600 (4,800 - 24,800)		
	6,900	+	17,100	=	24,000	5,429	13,571		19,000 (5,800 - 23,200)	7,429	18,571		26,000 (4,800 - 27,200)		
	8,600	+	8,600	=	17,200	8,600	8,600		17,200 (5,800 - 21,200)	11,000	11,000		22,000 (4,800 - 23,800)		
	8,600	+	10,900	=	19,500	8,333	10,667		19,000 (5,800 - 21,400)	10,877	13,923		24,800 (4,800 - 26,200)		
	8,600	+	17,100	=	25,700	6,333	12,667		19,000 (5,800 - 23,200)	8,667	17,333		26,000 (4,800 - 27,200)		
	10,900	+	10,900	=	21,800	9,500	9,500		19,000 (5,800 - 21,800)	13,000	13,000		26,000 (4,800 - 27,200)		
	10,900	+	17,100	=	28,000	7,415	11,585		19,000 (5,800 - 23,600)	10,146	15,854		26,000 (4,800 - 27,200)		
3-room Operation	5,500	+	5,500	+	5,500	=	16,500	5,533	5,533	5,533	16,600 (6,100 - 24,800)	8,000	8,000	8,000	24,000 (5,100 - 27,600)
	5,500	+	5,500	+	6,900	=	17,900	5,508	5,508	6,884	17,900 (6,100 - 24,800)	7,938	7,938	9,924	25,800 (5,500 - 28,400)
	5,500	+	5,500	+	8,600	=	19,600	5,333	5,333	8,334	19,000 (6,100 - 24,800)	7,298	7,298	11,404	26,000 (5,500 - 28,400)
	5,500	+	5,500	+	10,900	=	21,900	4,750	4,750	9,500	19,000 (6,100 - 24,800)	6,500	6,500	13,000	26,000 (5,500 - 28,400)
	5,500	+	5,500	+	17,100	=	28,100	3,707	3,707	11,586	19,000 (6,100 - 24,800)	5,073	5,073	15,854	26,000 (5,500 - 28,400)
	5,500	+	6,900	+	6,900	=	19,300	5,428	6,786	6,786	19,000 (6,100 - 24,800)	7,428	9,286	9,286	26,000 (5,500 - 28,400)
	5,500	+	6,900	+	8,600	=	21,000	4,983	6,230	7,787	19,000 (6,100 - 24,800)	6,819	8,525	10,656	26,000 (5,500 - 28,400)
	5,500	+	6,900	+	10,900	=	23,300	4,471	5,588	8,941	19,000 (6,100 - 24,800)	6,118	7,647	12,235	26,000 (5,500 - 28,400)
	5,500	+	6,900	+	17,100	=	29,500	3,534	4,419	11,047	19,000 (6,100 - 24,800)	4,837	6,047	15,116	26,000 (5,500 - 28,400)
	5,500	+	8,600	+	8,600	=	22,700	4,606	7,197	7,197	19,000 (6,100 - 24,800)	6,304	9,848	9,848	26,000 (5,500 - 28,400)
	5,500	+	8,600	+	10,900	=	25,000	4,164	6,507	8,329	19,000 (6,100 - 24,800)	5,699	8,904	11,397	26,000 (5,500 - 28,400)
	5,500	+	10,900	+	10,900	=	27,300	3,800	7,600	7,600	19,000 (6,100 - 24,800)	5,200	10,400	10,400	26,000 (5,500 - 28,400)
	6,900	+	6,900	+	6,900	=	20,700	6,333	6,333	6,333	19,000 (6,100 - 24,800)	8,667	8,667	8,667	26,000 (5,500 - 28,400)
	6,900	+	6,900	+	8,600	=	22,400	5,846	5,846	7,308	19,000 (6,100 - 24,800)	8,000	8,000	10,000	26,000 (5,500 - 28,400)
	6,900	+	6,900	+	10,900	=	24,700	5,278	5,278	8,444	19,000 (6,100 - 24,800)	7,222	7,222	11,556	26,000 (5,500 - 28,400)
	6,900	+	6,900	+	17,100	=	30,900	4,222	4,222	10,556	19,000 (6,100 - 24,800)	5,778	5,778	14,444	26,000 (5,500 - 28,400)
	6,900	+	8,600	+	8,600	=	24,100	5,428	6,786	6,786	19,000 (6,100 - 24,800)	7,428	9,286	9,286	26,000 (5,500 - 28,400)
	6,900	+	8,600	+	10,900	=	26,400	4,935	6,169	7,896	19,000 (6,100 - 24,800)	6,753	8,442	10,805	26,000 (5,500 - 28,400)
	6,900	+	10,900	+	10,900	=	28,700	4,524	7,238	7,238	19,000 (6,100 - 24,800)	6,190	9,905	9,905	26,000 (5,500 - 28,400)
	8,600	+	8,600	+	8,600	=	25,800	6,333	6,333	6,333	19,000 (6,100 - 24,800)	8,667	8,667	8,667	26,000 (5,500 - 28,400)
8,600	+	8,600	+	10,900	=	28,100	5,793	5,793	7,414	19,000 (6,100 - 24,800)	7,927	7,927	10,146	26,000 (5,500 - 28,400)	
8,600	+	10,900	+	10,900	=	30,400	5,338	6,831	6,831	19,000 (6,100 - 24,800)	7,304	9,348	9,348	26,000 (5,500 - 28,400)	

Important: You must use refrigerant piping rated for R410a. See p. 36 for additional information.

Optional Accessories

Condensate Pump

SI-30-120
SI-30-230



Tube Size Adapter

CZ-MA1P
CZ-MA2P
CZ-MA3P



Locking Bracket for Remote Control

RCS5PS4B
RCS4MHVB
RCPTC110B



Wireless Controller Transmitter/Receiver Kit

CZ-RWSU3U



Replacement Anti-microbial Filter

CZ-SA20P



Wired Remote Controller

CZ-RD515U
(use only with KE30/36 and KS30/36)



Wired Remote Controller

CZ-RD52CU
(use only with CS-E12/18RB4UW)



Wired Remote Controller

CZ-RD516C-1
(See chart below)



Accessories		
Model No.	Description	Use With
DL04060815	Insulated Tubing Kit 1/4" x 3/8" x 1/2" x 15'	XE9SKUA, E9RKUA, RE9SKUA, KE12NB41, CU-2E18NBU, CU-5E36QBU
DL04060820	Insulated Tubing Kit 1/4" x 3/8" x 1/2" x 20'	
DL04060835	Insulated Tubing Kit 1/4" x 3/8" x 1/2" x 35'	
DL04080815	Insulated Tubing Kit 1/4" x 1/2" x 1/2" x 15'	XE12SKUA, E12RKUA, RE12SKUA, E12RB4U, E18RKUA, RE18SKUA, E18RB4U, KE18NB4U, CU-5E36QBU
DL04080820	Insulated Tubing Kit 1/4" x 1/2" x 1/2" x 20'	
DL04080835	Insulated Tubing Kit 1/4" x 1/2" x 1/2" x 35'	
DL04100820	Insulated Tubing Kit 1/4" x 5/8" x 1/2" x 20'	E24RKUA, RE24SKUA
DL04100830	Insulated Tubing Kit 1/4" x 5/8" x 1/2" x 30'	
DL04100850	Insulated Tubing Kit 1/4" x 5/8" x 1/2" x 50'	
DL06100830	Insulated Tubing Kit 3/8" x 5/8" x 1/2" x 30'	All 26,000 through 42,000 Btu/h Models
DL06100850	Insulated Tubing Kit 3/8" x 5/8" x 1/2" x 50'	All 26,000 through 42,000 Btu/h Models
CZ-90DAF2	3 Circle Duct Flange	S-26PF2U6
CZ-160DAF2	4 Circle Duct Flange	S-36PF2U6
RCS5PS4B	Locking Bracket for Wireless Remote Controller	All 26,000 through 42,000 Btu/h Models except CS-KE30NKU and CS-KE36NKU
RCS4MHVB	Locking Bracket for Wireless Remote Controller	All KE and MKE Models
RCPTC110B	Locking Bracket for Wireless Remote Controller	All E9, 12, 18 and 24 Models, ME7 Models and XE Models
BS600	Mounting Bracket for Outdoor Unit	All Models
SI-30-120	Condensate Pump	All 115 Volt Models
SI-30-230	Condensate Pump	All 230 Volt Models
CZ-RE2C2	Simple Wired Remote	All 26,000 through 42,000 Btu/h Models except CS-KE30NKU and CS-KE36NKU
CZ-RELC2	Simple Wired Remote with Backlight	
CZ-RD515U	Wired Remote Controller	All KE and MKE Models
CZ-RD516C-1	Wired Remote Controller	All E9, 12, 18 and 24 Models
CZ-RC515U	Wire Kit for Wired Remote Controller	Adaptor wire for CZ-RD515U, required for use with CS-MKE7, 9, 12, 18 and 24NKU Models
CZ-RC515UA	Wire Kit for Wired Remote Controller	Adaptor wire for CZ-RD515U, required for use with CS-KE30NKU and CS-KE36NKU
CZ-RTC4	Wired Timer Remote Controller	All 26,000 through 42,000 Btu/h Models except CS-KE30NKU and CS-KE36NKU
CZ-RTC5	Wired Remote for Econavi Ducted Systems	
CZ-RD52CU	Wired Remote Controller	E12RB4U/E18RB4U
CZ-RWST2U	Wireless Remote Control, Transmitter and Receiver Kit For S-26,36,42 PT2U6	
CZ-RWSK1U	Wireless Remote Controller Transmitter	S-26PK1U6
CZ-RWSU3U	Wireless Remote Controller Transmitter and Receiver Kit	S-26/36/42PT2U6, S-26/36/42PU2U6
CZ-RWSC1U	Wireless Remote Controller Transmitter and Receiver Kit	S-26/36PF1U6, S-26/36PF2U6
CZ-RWST2U	Wireless Remote Controller Transmitter Receiver	S-26/36/42PT2U6
CZ-64ESMC1U	System Controller	All 26,000 through 42,000 Btu/h Models except CS-KE30NKU and CS-KE36NKU
CZ-56/90/160DAF2	Concealed Duct Accessories	S-26PF2U6 and S-36PF2U6
CZ-MA1P	Tube Size Reducing Adaptor, 3/8" male and 1/2" female	CS-E12/18 Models to connect with multi-split outdoor
CZ-MA2P	Tube Size Reducing Adaptor, 1/2" male and 3/8" female	CS-E24 Models to connect with multi-split outdoor
CZ-MA3P	Tube Size Reducing Adaptor, 1/2" male and 5/8" female	
CZ-SA20P	Replacement Anti-microbial Filter	All E9, 12, 18 and 24 Models and ME7 Models
CZ-FDXB	Replacement Anti-microbial Filter	CS-MKE7, 9, 12, 18, 24NKU Models and equivalent Sanyo models
WINDB-1	Wind Baffle	All Models

Remote Controller Options for Models 26,000 BTU's and Larger

Wired Remote Controllers (Except KE30/36NKU, KS30/36NKU)

Simplified Remote Controller



CZ-RE2C2

Key Features (Simple Remote):

- Thin and Easy To Read
- Simple To Install and Use
- Can Be Adapted for Use On All 26,000 through 42,000 Btu/h Indoor Units.
- Mode
- Fan Speed Control
- Set Temperature
- On/Off
- Airflow Direction
- Perfectly Suited for Applications Where Simpler Functionality is Required (ie: Hotel Rooms, Nursing Homes, Offices)

ECONAVI Sensor



CZ-CENS1
ECONAVI Sensor

Wired Remote Controller



Timer Remote Controller



CZ-RTC2/CZ-RTC4
Wired Remote Controller
ECONAVI
(includes Diagnostic Tool)

Key Features (Standard Remote/7 Day Timer):

- Thin and Easy To Read
- Simple To Install and Use
- Can Be Adapted for Use On All Indoor Units
- Fan Speed Control
- Airflow Direction
- Operating Mode (Heating/Cooling/Auto/Dry/Fan)
- Vacation Mode for Continued Energy Efficiencies
- Full 7 Day Set-Back Functionality, With Up To 6 Time Periods/Day
- Full System Diagnostic Capability (Diagnostic History Provides Immediate View of System Past and Present.)

High-spec Wired Remote Controller



CZ-RTC5
Wired Remote Controller
ECONAVI
(Back Lit)

NEW

System Controller





CZ-64ESMC1U

Multiple Zone Controllers. The Air Conditioning Gateway.

Panasonic's system and intelligent controls are the central nervous system of the conditioning system, the gateway to all data, temperature and system diagnostics and the heart and soul of conditioning.

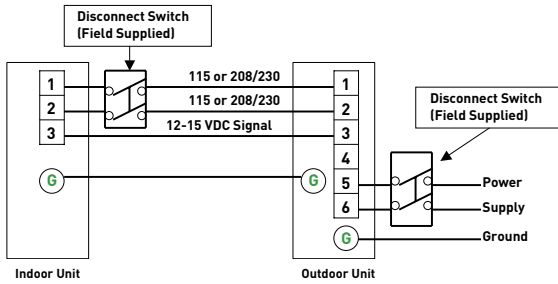
Key Features (System Control):

- Controls Up To 64 Units Into 4 Individualized Zones
- Alarm and Operational Signal Output
- Single Access Points for All Connected Wired Remotes

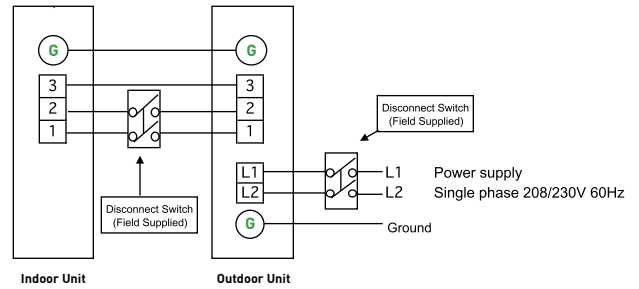
Wireless Remote Controller	Applicable Unit	For All Large capacity series Indoor Units
 <p>K2-series CZ-RWSK1U</p>	<p>U2-series (4-Way Cassette)</p> <p>Built-in type</p> <ul style="list-style-type: none"> • Signal receiving unit can be installed in the outer panel of indoor unit. • Control panel can be installed in the inside indoor unit.  <p>CZ-RWSU3U</p>	<p>External type</p> <ul style="list-style-type: none"> • Separate type signal receiving unit.  <p>CZ-RWSC3</p>

Wiring Schematics

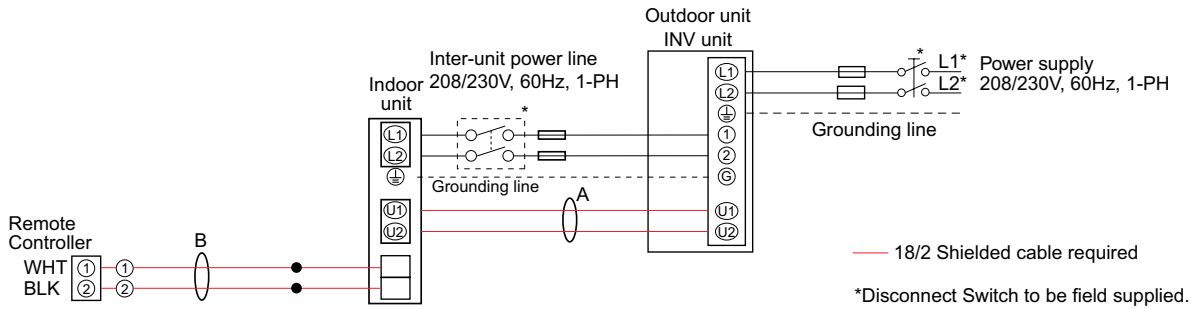
9,000 - 24,000 Btu/h single zone, KS30/36NKUA, KE30/36NKU



For: XE 9,12,15 SKUA, E9,12,18,24 RKUA, RE 9,12,18,24 SKUA.



26,000 - 42,000 Btu/h single zone wiring schematic (Except KS30/36NKUA, KE30/36NKU)



Multi Zone System Wiring Schematic

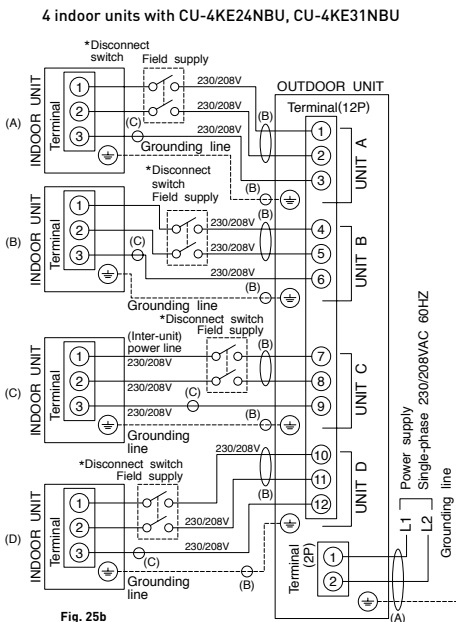
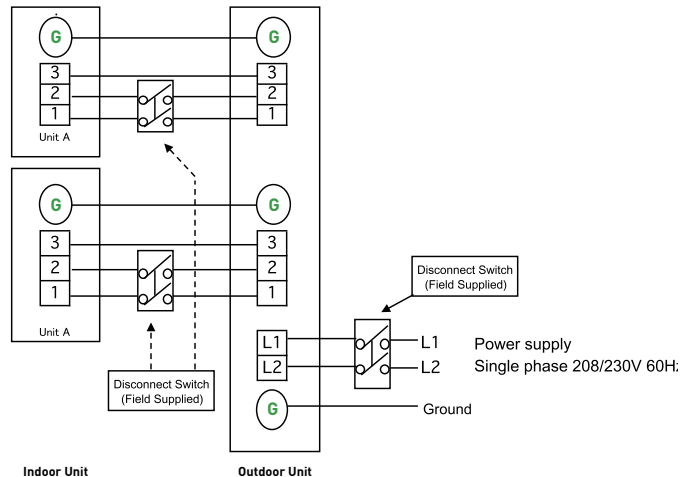


Fig. 25b

For CU-2E18NBU / CU-3E19RBU / CU-4E24RBU / CU-5E36QBU



*These wiring diagrams are for reference only. Please refer to installation manual for details
*Please be sure to follow National/Local codes for installation

Operation Range

Heat Pump Models (XE9/12SKUA)

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	90°F DB / 74°F WB	115°F DB / 79°F WB
	Minimum	60°F DB / 52°F WB	0°F DB / 0°F WB
Heating	Maximum	86°F DB / -°F WB	75°F DB / 64°F WB
	Minimum	60°F DB / -°F WB	-15°F DB / -2.2°F WB

Heat Pump Models (E9/12/18/24RKUA)

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	90°F DB / 74°F WB	115°F DB
	Minimum	60°F DB / 52°F WB	5°F DB(E18/24) / 5°F DB (E9/12)
Heating	Maximum	86°F DB / -°F WB	75°F DB / 64°F WB
	Minimum	60°F DB / -°F WB	-4°F DB / -°F WB

Heat Pump Models (RE9/12/18/24SKUA)

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	90°F DB / 77°F WB	115°F DB
	Minimum	64°F DB / 57°F WB	14°F DB
Heating	Maximum	86°F DB / -/-	75°F DB / 64°F WB
	Minimum	61°F DB / -/-	-4°F DB / -4°F WB

Heat Pump Models (U- 26/36/42 PE1U6)

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	90°F DB / 73°F WB	115°F DB / -/-
	Minimum	61°F DB / 52°F WB	0°F DB / -/-
Heating	Maximum	86°F DB / -/-	75°F DB / 64°F WB
	Minimum	61°F DB / -/-	-4°F DB / -2°F WB

Heat Pump Models KE30/36NKU

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	14°F DB
Heating	Maximum	80°F DB / 67°F WB	75°F DB / 65°F WB
	Minimum	60°F DB / -°F WB	0°F DB

Cooling Models KS30/36NKU

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95°F DB / 71°F WB	115°F DB
	Minimum	67°F DB / 57°F WB	0°F DB

Refrigerant Pipe Sizes, Lengths and Elevation Differences, Refrigerant Charge Adjustment and Insulation Chart

SYSTEM MODEL	OD Tube Size (inch)		Maximum Length of Tubing between In/Outdoor	Maximum Elevation Difference (ft) between In/Outdoor		Maximum Length (ft) without Adding Refrigerant	Required Additional Refrigerant Oz/ft	Insulation			
	Narrow	Wide		Outdoor Above	Outdoor Below						
XE9SKUA	1/4"	3/8"	66'	49'	49'	25'	R410A 0.2	Both Tubes			
E9RKUA			49'								
RE9SKUA			66'								
XE12SKUA		1/2"	49'								
E12RKUA			66'								
RE12SKUA			100'								
E12RB4U			66'								
E18RKUA			100'								
RE18SKUA			66'								
E18RB4U		5/8"	100'	33'	R410A 0.3						
E24RKUA			66'								
RE24SKUA			66'								
26PEK2U6	3/8"		5/8"			165'	100'	50'	100'	R410A 0.43	
26PET2U6		164'									
26PEU2U6				165'							
26PEF1U6					165'						
KS30NKUA						165'					
KE30NKU											165'
KS36NKUA			165'								
KE36NKU		165'									
36PET2U6				165'							
36PEU2U6					165'						
36PEF1U6						165'					
42PET2U6							165'				
42PEU2U6	165'										
CU-2E18NBU		1/4"	3/8**					82'	49'	25'	65'
CU-5E36QBU				150'							
CU-3E19RBU			3/8"	164'							
CU-4E24RBU				229'							

Important: You must use refrigerant piping rated for R410a.

* Reducing adaptor may be required depending on indoor model to be used with. (CZ-MA1P, CZ-MA2P or CZ-MA3P)

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Notes

Model Identification

RAC

Indoor Unit

C S - S 18 S K U -1
1 2 3 4 5 6 7 8 9

Outdoor Unit

C U - S 18 S K U -1
1 2 3 4 5 6 7 8 9

Set

S 18 S K U -1
3 4 5 6 7 8 9

1 Series	2 Model/Type	3 Connection configuration	4 Function	5 Capacity	6 Development	7 Category (Type)	8 Voltage	9 Others
C: Residential	S: Indoor unit U: Outdoor unit	X: Deluxe type K/None: Internal purpose MK: Indoor unit for Multi zone Connected Type (Multi-zone) Numeral: Numeral+K	S: Cooling only E: Heat pump	Cooling Capacity in BTU/h	Development Series No.	K: Wall Mount B6: Mini Ceiling Recessed K: Internal	U: 208/230V, 60Hz 1: 115V, 60Hz	-1: Non-Low Ambient W: Multi/Single Zone common use -1: Non-Low Ambient

PAC

Indoor Unit

S - 26 P U 2 U6
1 2 3 4 5 6

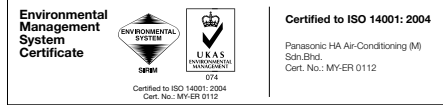
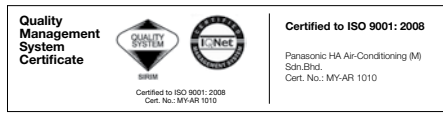
Outdoor Unit

U - 36 P S 1 U6
1 2 3 4 5 6

Set

26 P S 2 U6
2 3 4 5 6

1 Model/Type	2 Capacity	3 Series	4 Category (Function)	5 Development	6 Voltage
S: Indoor unit U: Outdoor Unit	Cooling Capacity in BTU/h	P: Large Capacity series	K: Wall Mount U: Ceiling Recessed T: Ceiling suspended F: Concealed Duct S: Cooling Only H: Heat Pump	Development Series	U6: 208/230V 60Hz



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Standard warranty - 7 years compressor/5 years parts
For extended product warranty, please contact your local dealer for more information.

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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.