

Panasonic

2016 Full Line Catalog

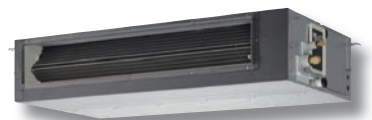
Residential/Light Commercial



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.

- | | | | | |
|------|--|---|---|--|
| 1958 | <p>Started production and sales of Home Coolers</p> <p>The Electrical Appliance Business Group (Kadoma) started cooler production in March 1958. Started sales in May under the "Home Cooler" name.</p> |  | 1998 | <p>Introduced GAS Heater Air Conditioner 14KGS11</p> |
| 1961 | <p>Started exports of Home Coolers</p> | | 2001 | <p>Introduced first VRF "ECO-Multi" to USA</p> |
| 1965 | <p>Launched Room Coolers</p> |  | 2003 | <p>Launched first R410a refrigerant Ductless A/C to USA</p> <p>Launched EcoCute as a result of better energy-saving technology</p> <p>Launched accumulator-less, high-efficiency, CO₂ scroll compressor for EcoCute</p> <p>Began production of Multi-split packaged air conditioner (mini-VRF)</p> |
| 1968 | <p>Began development of Rotary Compressors</p> <p>Later, their high efficiency and high quality attracted domestic and overseas air conditioner manufactures. Began external sales.</p> | | 2005 | <p>Launched air conditioner automatic filter cleaning function (AC robot)</p> <p>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> |
| 1972 | <p>Established overseas business base in Malaysia</p> <p>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> |  | 2006 | <p>Renewed ECO-Multi to ECO-i, revised lineup to inverter driven</p> <p>Aggregated global production of Panasonic compressors reached 200 million units</p> |
| 1983 | <p>Launched inverter Air Conditioner</p> <p>Started sales of Panasonic's first inverter air conditioners and has since gained increasing popularity. Inverter became the future technology of air conditioner market.</p> <p>Launched Ductless Air Conditioners to USA</p> | | 2008 | <p>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> |
| 1985 | <p>Began development of Scroll Compressors</p> <p>Began development of scroll compressors, offering high efficiency, low noise, and low vibration in comparison to rotary compressors.</p> |  | 2009 | <p>Established air conditioner dedicated sales company in Europe (PHAAE)</p> <p>Panasonic HA Air-Conditioning Europe (PHAAE) strengthened the commercial air conditioning business.</p> |
| 1989 | <p>Introduced Simultaneous Heat & Cool VRF</p> | | 2011 | <p>Integration of Sanyo HVAC USA into Panasonic Corporation of North America.</p> |
| 1990 | <p>Launched world's first Compact Scroll Compressor-equipped Air Conditioner</p> | | 2013 | <p>Celebrating the 30th anniversary of marketing in the USA.</p> |
| 1992 | <p>Developed industry's smallest outdoor air conditioning unit: "Chi-size"</p> | |  | <p>Serving the US Ductless market since 1983</p> |
| 1993 | <p>Established Matsushita-Wanbao (Guangzhou) Air Conditioner (MWAC)</p> <p>Established Matsushita-Wanbao (Guangzhou) Compressor (MWCC)</p> <p>Established Matsushita Air Conditioner Engineering (Matsushita ACE)</p> | | 2014 | <p>SYSTEM 5 and Wireless Communication</p> |
| 1995 | <p>Started the export of VRF</p> | | | |

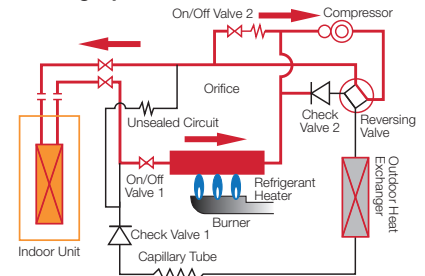
Technological Milestones

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.

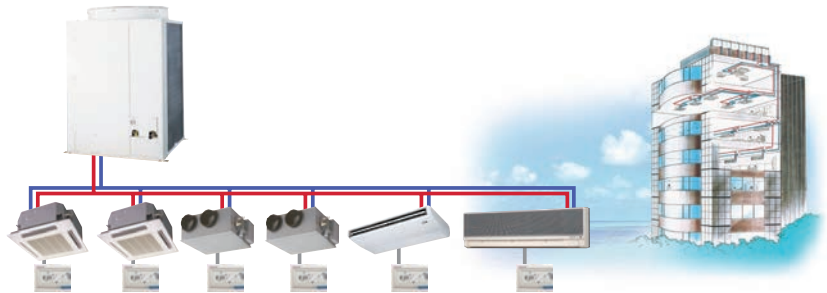


Heating Operation Schematic



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.



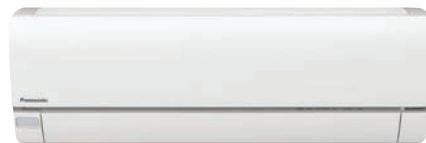
2003 First R410a driven ductless model, 24KS62R, was introduced

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 Introduce EXTERIOS **E** Series to the US market

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



2015 Introduce new 3 & 4 Zones to the U.S. market

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.







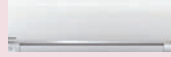
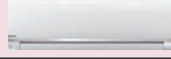

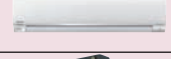


The indoor unit has been uniquely designed to provide whisper-quiet operation while delivering comfort throughout the room. Panasonic Mini Split Systems are stylish and provide the quality and reliability you can count on.

SINGLE ZONE HEAT PUMP MODELS

Residential									
		System Btu/h		9,000	12,000	15,000	18,000	24,000	
EXTERIOS 	-15 Degree	Up To	Outdoor Unit		CU-XE9SKUA	CU-XE12SKUA	CU-XE15SKUA*	N/A	N/A
		30.6 SEER 14.0 HSPF	Wall Mount		CS-XE9SKUA	CS-XE12SKUA	CS-XE15SKUA*	N/A	N/A
EXTERIOS 	0 Degree	up to	Outdoor Unit		CU-E9RKUA	CU-E12RKUA	N/A	CU-E18RKUA	CU-E24RKUA
		23.0 SEER 11.0 HSPF	Wall Mount		CS-E9RKUAW	CS-E12RKUAW	N/A	CS-E18RKUAW	CS-E24RKUAW
SERIES RE	0-5 Degree	up to	Outdoor Unit		CU-RE9SKUA	CU-RE12SKUA	N/A	CU-RE18SKUA	CU-RE24SKUA
		16 SEER 8.5 HSPF	Wall Mount		CS-RE9SKUA	CS-RE12SKUA	N/A	CS-RE18SKUA	CS-RE24SKUA
Light Commercial									
		System Btu/h		26,000	30,000	36,000	36,000	42,000	
SERIES PAC	0 Degree	Outdoor Unit		U-26PE1U6 →	CU-KE30NKU →	CU-KE36NKU →	U-36PE1U6 →	U-42PE1U6 →	
		Pick ONE Indoor Unit Below							
		up to	Wall Mount		S-26PK2U6	CS-KE30NKU	CS-KE36NKU	N/A	N/A
		16.7 SEER 10.1 HSPF							
		up to	Ceiling Suspended		S-26PT2U6	N/A	N/A	S-36PT2U6	S-42PT2U6
18.0 SEER 9.5 HSPF									
up to	4-Way Cassette		S-26PU2U6	N/A	N/A	S-36PU2U6	S-42PU2U6		
18.0 SEER 9.0 HSPF									
up to	Concealed Duct		S-26PF2U6	N/A	N/A	S-36PF2U6	N/A		
14.0 SEER 9.0 HSPF									
COOLING ONLY									
Low Ambient	0 Degree	16 SEER	Outdoor Unit		N/A	CU-KS30NKUA	CU-KS36NKUA	N/A	N/A
		16 SEER	Wall Mount		N/A	CS-KS30NKU	CS-KS36NKU	N/A	N/A

* Arriving in 2016

MULTI ZONE HEAT PUMP MODELS

Whole House Heating & Cooling Solution					
Number of Zones		2 (2 Minimum)	2 thru 3 (2 Minimum)	2 thru 4 (2 Minimum)	2 thru 5 (2 Minimum)
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-2E18NBU	 CU-3E19RBU	 CU-4E24RBU	 CU-5E36QBU
Indoor Unit		Mix & Match Indoor Units Listed Below			
Wall Mount 5,000 Btu/h		N/A	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	N/A	CS-E24RKUAW	CS-E24RKUAW
4-Way Cassette 12,000 Btu/h		CS-E12RB4UW	CS-E12RB4UW	CS-E12RB4UW	CS-E12RB4UW
4-Way Cassette 18,000 Btu/h		N/A	CS-E18RB4UW	CS-E18RB4UW	CS-E18RB4UW
Concealed Ducted 9,000 Btu/h	Coming Summer 2016				
Concealed Ducted 12,000 Btu/h					
Concealed Ducted 18,000 Btu/h					

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.



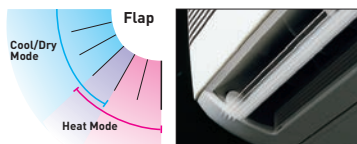
5 Fan Speeds and Automatic Fan Operation

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

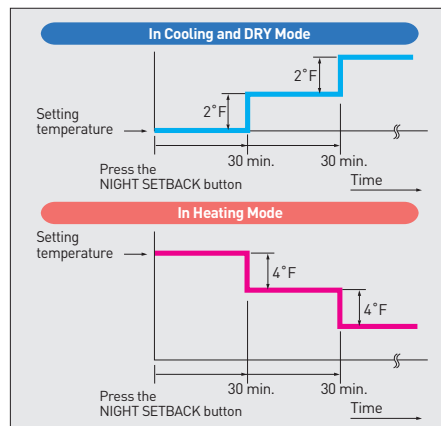
The remote control unit allows you to set a wide variety of timer-based operations. Such functions include automatic ON/OFF with a timer setting, same time ON/OFF every day, ON timer, OFF timer and Combination timer.



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.



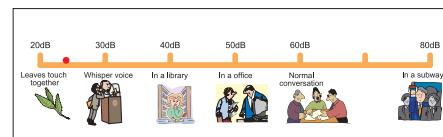
Electric Refrigerant Control Valve

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

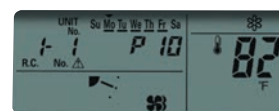


(Example of CZ-RTC2)



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).



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. (Example of CZ-RTC2)

Test Comparison

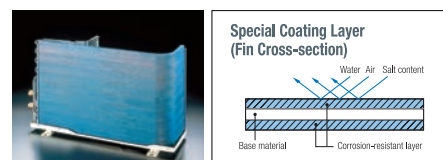
	Microbial Growth Rating	
	7 days	28days
Anti-microbial Filter	No growth	No growth
Normal Filter Paper	60% growth	60% growth

*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.

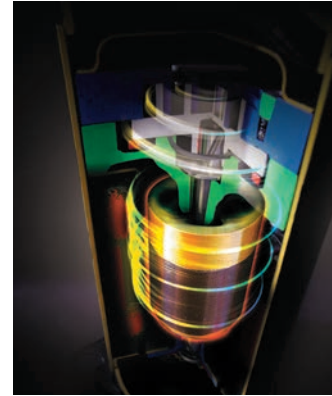
Quick Cooling and Heating

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.

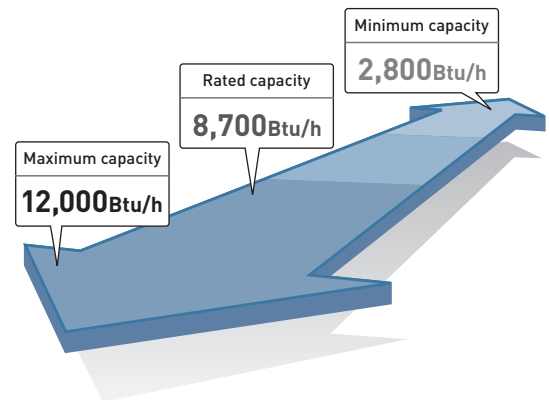
Whisper Quiet Operation

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

INVERTER



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.



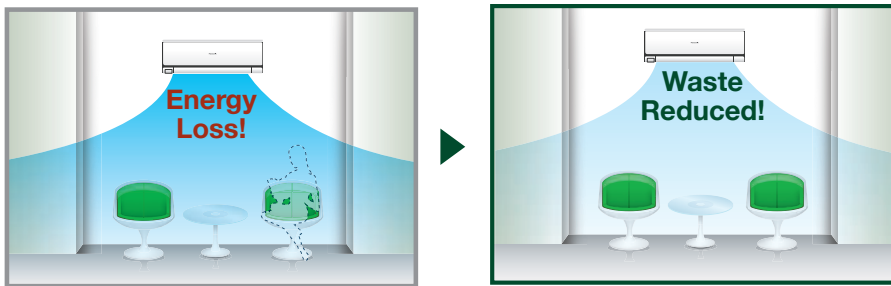


Energy Saving and Comfort Through Sensor Technology

ECONAVI 3 Sensors

1. Absence Detection **Human Activity Sensor**

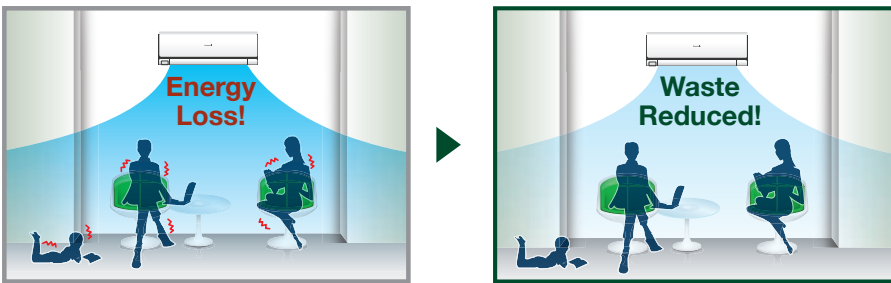
Reduces energy usage when no activity is detected.



switches from high operation to reduce cooling

2. Activity Detection **Human Activity Sensor**

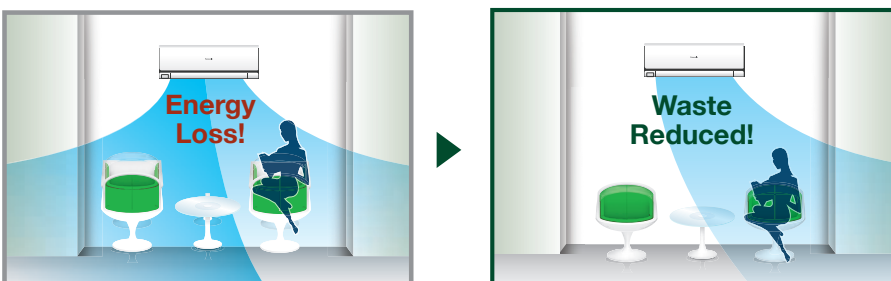
When activity is detected, sensors start working to efficiently cool the zone.



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 Wall Mounted Heat Pump Series

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 Wall-Mounted Heat Pump Series

EXTERIOS **E**

E9RKUA / E12RKUA

E18RKUA / E24RKUA



Indoor Unit
CS-E9RKUA / CS-E12RKUA

ECONAVI



Indoor Unit
CS-E18RKUA / CS-E24RKUA

ECONAVI



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										
Model No.	E9RKUA		E12RKUA		E18RKUA		E24RKUA			
	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit		
Unit Model No.	CS-E9RKUAW	CU-E9RKUA	CS-E12RKUAW	CU-E12RKUA	CS-E18RKUAW	CU-E18RKUA	CS-E24RKUAW	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				
Dry Air Flow	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		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		R-410A		R-410A			
Refrigerant control	Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve		Electric Expansion Valve			
Operation Sound	In(Hi / Me / Lo/ Qt)	dB-A	40 / 25 / 20	43 / 28 / 20	47 / 39 / 36	48 / 40 / 37				
	Outdoor(Hi)	dB-A	47	48	49	51				
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. 65.6		Max. 65.6		Max. 100		Max. 100		
Elevation Difference*	Outdoor Above	Ft.	Max. 49.2		Max. 49.2		Max. 49.2		Max. 49.2	
	Outdoor Below	Ft.	Max. 49.2		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. 31 for additional information.

Pro Wall-Mounted Heat Pump Series

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	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
			CS-RE9SKUA	CU-RE9SKUA	CS-RE12SKUA	CU-RE12SKUA	CS-RE18SKUA	CU-RE18SKUA	CS-RE24SKUA	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/ Qt)	dB-A	43 / 35 / 32		44 / 36 / 32		48 / 39 / 36		51 / 40 / 37	
	Outdoor(Hi)	dB-A	49		52		54		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	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Width		inches	11-7/16"	21-11/32"	11-7/16"	21-11/32"	11-7/16"	27-3/8"	11-7/16"	27-3/8"
Depth		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"
Net Weight		Lbs.	8-7/16"	11-13/32"	8-7/16"	11-13/32"	9-15/32"	12-5/8"	9-15/32"	12-5/8"
			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. 31 for additional information.

Wall-Mounted Heat Pumps

26PEK2U6

NEW



Indoor Unit
S-26PK2U6



Outdoor Unit
U-26PE1U6



Wireless Remote Controller (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 (Included)



Wired Remote Controller CZ-RD515U (Optional)



Wall Mounted Heat Pumps

Model No.	26PEK2U6						KE30NKU		KE36NKU					
	Indoor Unit		Outdoor Unit		Indoor Unit		Outdoor Unit		Indoor Unit		Outdoor Unit			
Unit Model No.	S-26PK2U6		U-26PE1U6		CS-KE30NKU		CU-KE30NKU		CS-KE36NKU		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		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							
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					
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	48 / 42 / 38		49 / 44 / 39		49 / 44 / 39							
	Outdoor (Hi)	dB-A	49		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		Max. 164							
Elevation Difference*	Outdoor Above	Ft.	Max. 100		Max. 100		Max. 100							
	Outdoor Below	Ft.	Max. 50		Max. 50		Max. 50							
Dimensions & Weight														
Height		inches	11-13/16"		30-23/32"		11-3/16"		35-13/16"		11-3/16"		35-13/16"	
Width		inches	41-15/16"		37"		41-15/16"		37-1/32"		41-15/16"		37-1/32"	
Depth		inches	9-1/16"		13-3/8"		9-1/16"		13-3/8"		9-1/16"		13-3/8"	
Net Weight		Lbs.	32.0		128.0		32.0		185.0		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. 31 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.		KS30NKUA		KS36NKUA	
		Indoor Unit		Outdoor Unit	
Unit Model No.		CS-KS30NKU	CU-KS30NKUA	CS-KS36NKU	CU-KS36NKUA
Performance & Electrical Ratings					
Capacity	Cooling	Btu/h	30,600 (10,900-30,600)		34,000 (10,900-34,000)
	Heating	Btu/h	---		---
Moisture Removal	High	Pints/H	9.57		10.64
	Hi / Med / Low	CFM	630 / 530 / 412		630 / 530 / 412
SEER	Cooling		16.0		16.0
EER	Cooling		9.3		8.5
HSPF	Heating		---		---
Power Supply		V, Phase, Hz	230 / 208V, 1PH, 60Hz		230 / 208V, 1PH, 60Hz
Running Amps	Cooling	A	16.5 / 18		20 / 21.9
	Heating	A	---		---
Power Input	Cooling	W	3,290		4,000
	Heating	W	---		---
Back-up Heater		kW	---		---
Fuse or Circuit Breaker Capacity		A	35		45
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		49 / 44 / 39
	Outdoor (Hi)	dB-A	55		55
Refrigerant Piping	Type		Flare		Flare
	Discharge	inches	3/8"		3/8"
	Suction	inches	5/8"		5/8"
Refrigerant Pipe Length		Ft.	Max. 164		Max. 164
Elevation Difference**	Outdoor Above	Ft.	Max. 100		Max. 100
	Outdoor Below	Ft.	Max. 50		Max. 50
Dimensions & Weight					
Height		inches	Indoor Unit: 11-3/16"	Outdoor Unit: 35-13/16"	Indoor Unit: 11-3/16" / Outdoor Unit: 35-13/16"
Width		inches	41-15/16"		41-15/16" / 37-1/32"
Depth		inches	9-1/16"		9-1/16" / 13-3/8"
Net Weight		Lbs.	32		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. 31 for additional information.

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

Multi-Zone Systems

2 Zones

A minimum of 2 indoor units must be connected.

CS-E9RKUAW / CS-E12RKUAW

CS-ME5RKUA / CS-ME7RKUA

CS-E12RB4UW



Wireless Remote Controller Included with each indoor unit



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



CU-2E18NBU



Wireless Remote Controller (Included)



Wired Remote Controller CZ-RD52CU



CZ-BT20U
Order Separately

Indoor Unit: Wall Mounted Type

Model No.	Heat Pump				
	CS-ME5RKUA	CS-ME7RKUA	CS-E9RKUAW	CS-E12RKUAW	CS-E12RB4U
Power Source	230V / 208V, 1PH, 60Hz				
Running Ampere	2.0 / 2.3	2.5 / 2.8	5.1 / 5.7	5.6 / 6.3	6.0 / 6.9
Power Input	W				
Capacity	400 (250-640) 600 (300-960)	500 (340-810) 740 (300-1,230)	690 (250-850) 1,120 (200-1,500)	920 (250-1,150) 1,250 (200-1,710)	920 (250-1,150) 1,250 (200-1,710)
	Cooling Btu/h				
	5,500 (4,400-7,800)	6,900 (6,100-9,900)	9,000 (4,100-10,200)	11,500 (4,100-13,300)	11,900 (4,100-13,100)
	Heating Btu/h				
	8,900 (4,100-10,900)	10,900 (4,100-14,000)	12,000 (4,100-14,100)	13,800 (4,100-16,300)	13,600 (4,100-16,300)
Moisture Removal	High Pints/H				
	0.6	0.8	1.3	1.7	4.0
Unit Dimensions (H x W x D)	inch				
	11-7/16" x 34-9/32" x 8-7/16"				
Net Weight	Lbs.				
	20.0	20.0	20.0	20.0	40.0
Air Circulation (High)	Cooling CFM				
	380	390	425	450	390
	Heating CFM				
	415	425	455	505	370
Operating Sound	Cooling dB-A				
	38 / 25	39 / 25	40 / 25 / 20	43 / 28 / 20	36 / 30
	Heating dB-A				
	40 / 29	41 / 29	42 / 29 / 26	44 / 35 / 32	36 / 32
Refrigerant Tube Diameter	Discharge inch				
	1/4"	1/4"	1/4"	1/4"	1/4"
	Suction inch				
	3/8"	3/8"	3/8"	3/8"	1/2"
Adapters required	n/a				
Elevation Difference*	Outdoor Above Ft.				
	Max. 49.2	Max. 49	Max. 49.2	Max. 49.2	Max. 49.0
	Outdoor Below Ft.				
	Max. 49.2	Max. 49	Max. 49.2	Max. 49.2	Max. 49.0

Important: You must use refrigerant piping rated for R410a. See p. 31 for additional information.

* This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the P.31 in the catalog for more detail.)

Multi-Zone Systems

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	8.1 / 9.0
Power Input	W		1,450	1,850
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	49
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	

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			
1 Room	CS-ME7RKUA	6,900	---	6,900	6,100 - 9,900	500	340 - 810	2.8	2.5	0.8
	CS-E9RKUAW	9,600	---	9,600	6,200 - 11,200	850	390 - 1,020	4.5	4.1	1.1
	CS-E12RKUAW*	10,900	---	10,900	6,300 - 12,800	1,000	390 - 1,230	5.2	4.7	1.3
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			
1 Room	CS-ME7RKUA	10,900	---	10,900	4,100 - 14,000	740	300 - 1,230	4.1	3.7	---
	CS-E9RKUAW	13,700	---	13,700	6,400 - 15,700	1,150	440 - 1,450	5.9	5.4	---
	CS-E12RKUAW	15,300	---	15,300	6,500 - 17,500	1,300	440 - 1,630	6.6	6.0	---
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	---

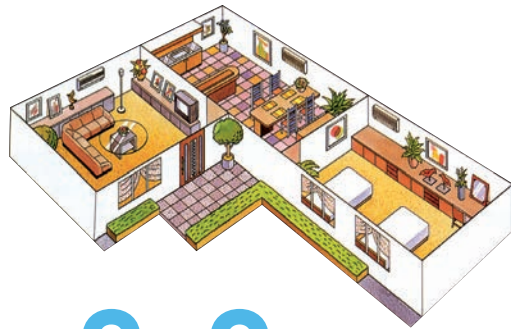
Important: You must use refrigerant piping rated for R410a. See p. 31 for additional information.

* 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.

Multi-Zone Systems

Connectable from 2 to 3 Indoor Units



2-3 Zones

A minimum of 2 indoor units must be connected.



Wireless Remote Controller



Wired Remote Controller CZ-RD516C-1 (Optional)



Wireless Remote Controller



Wired Remote Controller CZ-RD52CU (Optional)



CZ-BT20U



CU-3E19RBU

NEW



Outdoor Unit

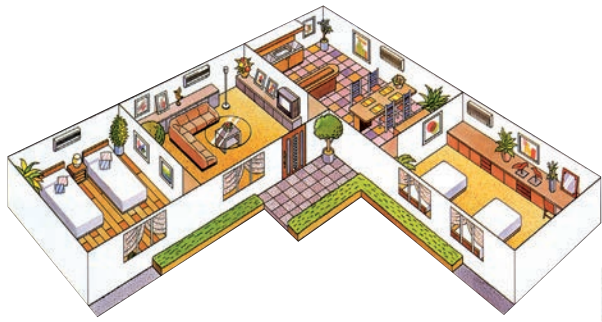
Model No.		CU-3E19RBU	
Performance		Cooling	Heating
Capacity	Btu/h	19,000 (6,100-24,800)	26,000 (5,500-28,400)
Air Circulation	High CFM	1,447	1,634
Number of Connectable Indoor Units		2-3	
SEER	Cooling	22.00	
EER	Cooling	12.55	12.60
HSPF	Heating		10.50
Electrical Rating			
Power Supply	V, Phase, Hz	230V / 208V, 1Ph, 60Hz	
Running Ampere	A	6.7 / 7.4	9.1 / 10.1
Power Input	W	1,510 (360-2,420)	2,060 (320-2,300)
Maximum Fuse Size	Amps	30	
Features			
Controls		Microprocessor	
Fan Speeds		Auto (Hi, Me, Lo)	
Compressor		DC Inverter	
Refrigerant / Amount Charged at Shipment		R-410A / 93.2 oz	
Refrigerant Control		Electric Expansion Valve	
Operation Sound	Hi dB-A	50	52
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			
Unit Dimensions	H x W x D	31-5/16" x 34-15/32" x 12-5/8"	
Net Weight	Lbs.	159	

Important: You must use refrigerant piping rated for R410a. See p. 31 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



Wireless Remote Controller



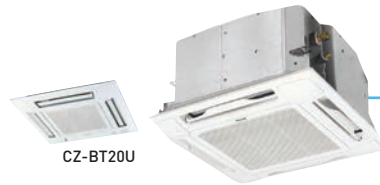
Wired Remote Controller CZ-RD516C-1 (Optional)



Wireless Remote Controller



Wired Remote Controller CZ-RD52CU (Optional)



CZ-BT20U



CU-4E24RBU

NEW



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 inch	1/4" x 4	
	Suction inch	3/8" x 4	
Dimensions & Weight			
Unit Dimensions	H x W x D inch	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. 31 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.



Indoor Unit: Wall Mounted Type

Model No.			CS-MESRKUA	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 / O-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

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 / O-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	3/8"	3/8"
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

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. 31 for additional information.

Multi-Zone Systems

CS-ME5RKUA / CS-ME7RKUA / CS-E9RKUAW / CS-E12RKUAW



2-5 Zones

A minimum of 2 indoor units must be connected.

INVERTER
Blue Fin Condenser



Wireless Remote Controller (Standard)



Wired Remote Controller CZ-RD516C-1 (Optional)



CU-5E36QBU

CS-E18RKUAW / CS-E18RB4U / CS-E24RKUAW



Tubing Length

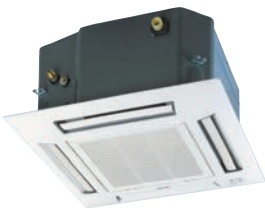
Outdoor Tube Size	Narrow	Inches	1/4"
	Wide	Inches	3/8"
Maximum length of tubing between In / Outdoor		ft	82/unit (262 total)
Maximum Elevation difference between In / Outdoor	Above	ft	49
	Below	ft	25
Maximum Length (ft) of Tubing at shipment (System)*		ft	150
Required Additional Refrigerant		Oz/ft	R410a 0.2
Insulation			Both tubes

* It is possible to have a combination of wall-mounted models (CS-ME5QKUA, CS-ME7QKUA, CS-E9RKUAW, CS-E12RKUAW, CS-E18RKUAW, CS-E24RKUAW) for the (CU-5E36QBU).

* A minimum of 2 indoor units must be connected.

* No additional refrigerant needed up to 138 ft. of combined tubing.

CS-E12RB4UW / CS-E18RB4UW



Wireless Remote Controller (Included)



Wired Remote Controller (Optional)

Specifications

Model No.	CU-5E36QBU		
Performance	Cooling		Heating
Capacity	Rated (min-max)	Btu/h	
Air Circulation	High	CFM	
Number of Connectable Indoor Units			
SEER	Cooling		
EER	Cooling		
HSPF	Heating		
Electrical Rating			
Power Supply	V, Phase, Hz		
Running Ampere	A		
Power Input	W		
Maximum Fuse Size	Amps		
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.

2-5 Zones Multi Combination Table

CU-5E36QBU 230V

	Indoor Unit Combination		Indoor Unit Capacity (BTU/h)												
			COOLING						HEATING						
			Room A	Room B	Room C	Room D	Room E	Total Performance			Room A	Room B	Room C	Room D	Room E	Total Performance
			Capacity (Min. - Max.)			Capacity (Min. - Max.)			Capacity (Min. - Max.)						
2-room Operation	6,900 + 8,600	= 15,500	6,844	8,556				15,400 (9,900 - 19,800)	9,244	11,556					20,800 (8,200 - 28,000)
	6,900 + 10,900	= 17,800	6,846	10,954				17,800 (9,900 - 19,800)	9,077	14,523					23,600 (8,200 - 29,400)
	6,900 + 17,100	= 24,000	6,857	17,143				24,000 (9,900 - 28,000)	8,743	21,857					30,600 (8,200 - 37,600)
	6,900 + 24,000	= 30,900	6,844	23,956				30,800 (9,900 - 35,400)	8,089	28,311					36,400 (8,900 - 44,500)
	8,600 + 8,600	= 17,200	8,600	8,600				17,200 (9,900 - 19,800)	11,100	11,100					22,200 (8,200 - 29,400)
	8,600 + 10,900	= 19,500	8,553	10,947				19,500 (9,900 - 22,800)	10,877	13,923					24,800 (8,200 - 34,400)
	8,600 + 17,100	= 25,700	8,533	17,067				25,600 (9,900 - 30,000)	10,667	21,333					32,000 (8,200 - 37,600)
	8,600 + 24,000	= 32,600	8,579	24,021				32,600 (9,900 - 36,200)	9,947	27,853					37,800 (8,900 - 44,500)
	10,900 + 10,900	= 21,800	10,900	10,900				21,800 (9,900 - 24,600)	13,800	13,800					27,600 (8,200 - 37,600)
	10,900 + 17,100	= 28,000	10,927	17,073				28,000 (9,900 - 32,000)	13,580	21,220					34,800 (8,200 - 40,500)
	10,900 + 24,000	= 34,900	10,918	23,882				34,800 (9,900 - 37,600)	11,859	25,941					37,800 (8,900 - 47,000)
	17,100 + 17,100	= 34,200	17,100	17,100				34,200 (9,900 - 37,600)	18,900	18,900					37,800 (8,200 - 47,000)
	17,100 + 24,000	= 41,100	15,000	21,000				36,000 (9,900 - 37,600)	15,750	22,050					37,800 (8,900 - 47,000)
	24,000 + 24,000	= 48,000	18,000	18,000				36,000 (9,900 - 37,600)	18,900	18,900					37,800 (9,500 - 47,000)
3-room Operation	6,900 + 6,900 + 6,900	= 20,700	6,867	6,867	6,867			20,600 (9,900 - 27,600)	9,867	9,867	9,867				29,600 (11,600 - 42,000)
	6,900 + 6,900 + 8,600	= 22,400	6,892	6,892	8,616			22,400 (9,900 - 27,600)	9,415	9,415	11,770				30,600 (11,600 - 42,000)
	6,900 + 6,900 + 10,900	= 24,700	6,833	6,833	10,934			24,600 (9,900 - 27,600)	9,278	9,278	14,844				33,400 (11,600 - 42,000)
	6,900 + 6,900 + 17,100	= 30,900	6,844	6,844	17,112			30,800 (9,900 - 33,800)	8,400	8,400	21,000				37,800 (11,600 - 46,500)
	6,900 + 6,900 + 24,000	= 37,800	6,545	6,545	22,910			36,000 (9,900 - 38,000)	6,873	6,873	24,054				37,800 (11,600 - 47,000)
	6,900 + 8,600 + 8,600	= 24,100	6,858	8,571	8,571			24,000 (9,900 - 27,600)	9,142	11,429	11,429				32,000 (11,600 - 42,000)
	6,900 + 8,600 + 10,900	= 26,400	6,857	8,571	10,972			26,400 (9,900 - 27,600)	9,039	11,299	14,462				34,800 (11,600 - 44,000)
	6,900 + 8,600 + 17,100	= 32,600	6,863	8,579	17,158			32,600 (9,900 - 35,800)	7,958	9,947	19,895				37,800 (11,600 - 46,500)
	6,900 + 8,600 + 24,000	= 39,500	6,261	7,826	21,913			36,000 (9,900 - 38,000)	6,574	8,217	23,009				37,800 (11,600 - 47,000)
	6,900 + 10,900 + 10,900	= 28,700	6,858	10,971	10,971			28,800 (9,900 - 31,400)	8,952	14,324	14,324				37,600 (11,600 - 44,000)
	6,900 + 10,900 + 17,100	= 34,900	6,823	10,918	17,059			34,800 (9,900 - 38,000)	7,412	11,859	18,529				37,800 (11,600 - 46,500)
	6,900 + 10,900 + 24,000	= 41,800	5,901	9,443	20,656			36,000 (9,900 - 38,000)	6,196	9,915	21,689				37,800 (11,600 - 47,000)
	6,900 + 17,100 + 17,100	= 41,100	6,000	15,000	15,000			36,000 (9,900 - 38,000)	6,300	15,750	15,750				37,800 (11,600 - 47,000)
	6,900 + 17,100 + 24,000	= 48,000	5,143	12,857	18,000			36,000 (9,900 - 38,000)	5,400	13,500	18,900				37,800 (11,600 - 48,000)
	6,900 + 24,000 + 24,000	= 54,900	4,500	15,750	15,750			36,000 (9,900 - 38,000)	4,724	16,538	16,538				37,800 (11,600 - 49,000)
	8,600 + 8,600 + 8,600	= 25,800	8,600	8,600	8,600			25,800 (9,900 - 27,600)	11,000	11,000	11,000				33,000 (11,600 - 42,000)
	8,600 + 8,600 + 10,900	= 28,100	8,598	8,598	11,004			28,200 (9,900 - 31,400)	10,915	10,915	13,970				35,800 (11,600 - 44,000)
	8,600 + 8,600 + 17,100	= 34,300	8,550	8,550	17,100			34,200 (9,900 - 38,000)	9,450	9,450	18,900				37,800 (11,600 - 46,500)
	8,600 + 8,600 + 24,000	= 41,200	7,500	7,500	21,000			36,000 (9,900 - 38,000)	7,875	7,875	22,050				37,800 (11,600 - 47,000)
	8,600 + 10,900 + 10,900	= 30,400	8,540	10,930	10,930			30,400 (9,900 - 33,800)	10,618	13,591	13,591				37,800 (11,600 - 46,500)
	8,600 + 10,900 + 17,100	= 36,600	8,411	10,766	16,823			36,000 (9,900 - 38,000)	8,831	11,305	17,664				37,800 (11,600 - 47,000)
	8,600 + 10,900 + 24,000	= 43,500	7,086	9,071	19,843			36,000 (9,900 - 38,000)	7,441	9,524	20,835				37,800 (11,600 - 48,000)
	8,600 + 17,100 + 17,100	= 42,800	7,200	14,400	14,400			36,000 (9,900 - 38,000)	7,560	15,120	15,120				37,800 (11,600 - 47,000)
	8,600 + 17,100 + 24,000	= 49,700	6,207	12,414	17,379			36,000 (9,900 - 38,000)	6,517	13,034	18,249				37,800 (11,600 - 48,000)
	8,600 + 24,000 + 24,000	= 56,600	5,454	15,273	15,273			36,000 (9,900 - 38,000)	5,728	16,036	16,036				37,800 (11,600 - 49,000)
	10,900 + 10,900 + 10,900	= 32,700	10,933	10,933	10,933			32,800 (9,900 - 35,800)	12,600	12,600	12,600				37,800 (11,600 - 46,500)
	10,900 + 10,900 + 17,100	= 38,900	10,105	10,105	15,790			36,000 (9,900 - 38,000)	10,611	10,611	16,578				37,800 (11,600 - 47,000)
	10,900 + 10,900 + 24,000	= 45,800	8,597	8,597	18,806			36,000 (9,900 - 38,000)	9,027	9,027	19,746				37,800 (11,600 - 48,000)
	10,900 + 17,100 + 17,100	= 45,100	8,728	13,636	13,636			36,000 (9,900 - 38,000)	9,164	14,318	14,318				37,800 (11,600 - 48,000)
	10,900 + 17,100 + 24,000	= 52,000	7,579	11,842	16,579			36,000 (9,900 - 38,000)	7,958	12,434	17,408				37,800 (11,600 - 49,000)
	10,900 + 24,000 + 24,000	= 58,900	6,698	14,651	14,651			36,000 (9,900 - 38,000)	7,032	15,384	15,384				37,800 (11,600 - 49,000)
	17,100 + 17,100 + 17,100	= 51,300	12,000	12,000	12,000			36,000 (9,900 - 38,000)	12,600	12,600	12,600				37,800 (11,600 - 49,000)
17,100 + 17,100 + 24,000	= 58,200	10,588	10,588	14,824			36,000 (9,900 - 38,000)	11,118	11,118	15,564				37,800 (11,600 - 49,000)	
4-room Operation	6,900 + 6,900 + 6,900 + 6,900	= 27,600	6,850	6,850	6,850	6,850		27,400 (9,900 - 36,400)	9,450	9,450	9,450	9,450			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 6,900 + 8,600	= 29,300	6,871	6,871	6,871	8,587		29,200 (9,900 - 36,400)	8,894	8,894	8,894	11,118			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 6,900 + 10,900	= 31,600	6,870	6,870	6,870	10,990		31,600 (9,900 - 36,400)	8,217	8,217	8,217	13,149			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 6,900 + 17,100	= 37,800	6,545	6,545	6,545	16,365		36,000 (9,900 - 36,400)	6,873	6,873	6,873	17,181			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 6,900 + 24,000	= 44,700	5,538	5,538	5,538	19,386		36,000 (9,900 - 37,600)	5,815	5,815	5,815	20,355			37,800 (11,600 - 49,000)
	6,900 + 6,900 + 8,600 + 8,600	= 31,000	6,844	6,844	8,556	8,556		30,800 (9,900 - 36,400)	8,400	8,400	10,500	10,500			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 8,600 + 10,900	= 33,300	6,845	6,845	8,557	10,953		33,200 (9,900 - 36,400)	7,794	7,794	9,742	12,470			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 8,600 + 17,100	= 39,500	6,261	6,261	7,826	15,652		36,000 (9,900 - 36,400)	6,574	6,574	8,217	16,435			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 8,600 + 24,000	= 46,400	5,333	5,333	6,667	18,667		36,000 (9,900 - 37,600)	5,600	5,600	7,000	19,600			37,800 (11,600 - 49,000)
	6,900 + 6,900 + 10,900 + 10,900	= 35,600	6,846	6,846	10,954	10,954		35,600 (9,900 - 36,400)	7,269	7,269	11,631	11,631			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 10,900 + 17,100	= 41,800	5,902	5,902	9,442	14,754		36,000 (9,900 - 37,600)	6,197	6,197	9,914	15,492			37,800 (11,600 - 48,500)
	6,900 + 6,900 + 10,900 + 24,000	= 48,700	5,070	5,070	8,113	17,747		36,000 (9,900 - 37,600)	5,324	5,324	8,518	18,634			37,800 (11,600 - 49,000)
	6,900 + 6,900 + 17,100 + 17,100	= 48,000	5,143	5,143	12,857	12,857		36,000 (9,900 - 37,600)	5,400	5,400	13,500	13,500			37,800 (11,600 - 49,000)
	6,900 + 6,900 + 17,100 + 24,000	= 54,900	4,500	4,500	11,250	15,750		36,000 (9,900 - 39,000)							

Ensure block load is equal to outdoor units capacity.

	Indoor Unit Combination					Indoor Unit Capacity (BTU/h)																			
						COOLING					HEATING														
						Room A	Room B	Room C	Room D	Room E	Total Performance			Room A	Room B	Room C	Room D	Room E	Total Performance						
					Capacity	(	Min.	-	Max.	)	Room A	Room B	Room C	Room D	Room E	Capacity	(	Min.	-	Max.)			
4-room Operation	6,900 + 10,900 + 10,900 + 24,000	=	52,700	4,674	7,481	7,481	16,364	36,000	(	9,900	-	137,600	)	4,908	7,855	7,855	17,182	37,800	(	11,600	-	49,000)	
	6,900 + 10,900 + 17,100 + 17,100	=	52,000	4,737	7,579	11,842	11,842	36,000	(	9,900	-	37,600	)	4,974	7,958	12,434	12,434	37,800	(	11,600	-	49,000)	
	6,900 + 10,900 + 17,100 + 24,000	=	58,900	4,186	6,698	10,465	14,651	36,000	(	9,900	-	39,000	)	4,395	7,033	10,988	15,384	37,800	(	11,600	-	49,000)	
	6,900 + 17,100 + 17,100 + 17,100	=	58,200	4,236	10,588	10,588	10,588	36,000	(	9,900	-	39,000	)	4,446	11,118	11,118	11,118	37,800	(	11,600	-	49,000)	
	8,600 + 8,600 + 8,600 + 8,600	=	34,400	8,600	8,600	8,600	8,600	34,400	(	9,900	-	36,400	)	9,450	9,450	9,450	9,450	37,800	(	11,600	-	48,500)	
	8,600 + 8,600 + 8,600 + 10,900	=	36,700	8,411	8,411	8,411	10,767	36,000	(	9,900	-	36,400	)	8,832	8,832	8,832	11,304	37,800	(	11,600	-	48,500)	
	8,600 + 8,600 + 8,600 + 17,100	=	42,900	7,200	7,200	7,200	14,400	36,000	(	9,900	-	37,600	)	7,560	7,560	7,560	15,120	37,800	(	11,600	-	48,500)	
	8,600 + 8,600 + 8,600 + 24,000	=	49,800	6,207	6,207	6,207	17,379	36,000	(	9,900	-	37,600	)	6,517	6,517	6,517	18,249	37,800	(	11,600	-	49,000)	
	8,600 + 8,600 + 10,900 + 10,900	=	39,000	7,895	7,895	10,105	10,105	36,000	(	9,900	-	36,400	)	8,289	8,289	10,611	10,611	37,800	(	11,600	-	48,500)	
	8,600 + 8,600 + 10,900 + 17,100	=	45,200	6,818	6,818	8,727	13,637	36,000	(	9,900	-	37,600	)	7,159	7,159	9,164	14,318	37,800	(	11,600	-	49,000)	
	8,600 + 8,600 + 10,900 + 24,000	=	52,100	5,921	5,921	7,579	16,579	36,000	(	9,900	-	37,600	)	6,217	6,217	7,958	17,408	37,800	(	11,600	-	49,000)	
	8,600 + 8,600 + 17,100 + 17,100	=	51,400	6,000	6,000	12,000	12,000	36,000	(	9,900	-	37,600	)	6,300	6,300	12,600	12,600	37,800	(	11,600	-	49,000)	
	8,600 + 8,600 + 17,100 + 24,000	=	58,300	5,294	5,294	10,588	14,824	36,000	(	9,900	-	39,000	)	5,559	5,559	11,117	15,565	37,800	(	11,600	-	49,000)	
	8,600 + 10,900 + 10,900 + 10,900	=	41,300	7,437	9,521	9,521	9,521	36,000	(	9,900	-	37,600	)	7,809	9,997	9,997	9,997	37,800	(	11,600	-	48,500)	
	8,600 + 10,900 + 10,900 + 17,100	=	47,500	6,474	8,288	8,288	12,950	36,000	(	9,900	-	37,600	)	6,799	8,702	8,702	13,597	37,800	(	11,600	-	49,000)	
	8,600 + 10,900 + 10,900 + 24,000	=	54,400	5,660	7,245	7,245	15,850	36,000	(	9,900	-	39,000	)	5,942	7,608	7,608	16,642	37,800	(	11,600	-	49,000)	
	8,600 + 10,900 + 17,100 + 17,100	=	53,700	5,732	7,338	11,465	11,465	36,000	(	9,900	-	37,600	)	6,019	7,705	12,038	12,038	37,800	(	11,600	-	49,000)	
	8,600 + 17,100 + 17,100 + 17,100	=	59,900	5,142	10,286	10,286	10,286	36,000	(	9,900	-	39,000	)	5,400	10,800	10,800	10,800	37,800	(	11,600	-	49,000)	
	10,900 + 10,900 + 10,900 + 10,900	=	43,600	9,000	9,000	9,000	9,000	36,000	(	9,900	-	37,600	)	9,450	9,450	9,450	9,450	37,800	(	11,600	-	49,000)	
	10,900 + 10,900 + 10,900 + 17,100	=	49,800	7,890	7,890	7,890	12,330	36,000	(	9,900	-	37,600	)	8,285	8,285	8,285	12,945	37,800	(	11,600	-	49,000)	
10,900 + 10,900 + 10,900 + 24,000	=	56,700	6,940	6,940	6,940	15,180	36,000	(	9,900	-	39,000	)	7,287	7,287	7,287	15,939	37,800	(	11,600	-	49,000)		
10,900 + 10,900 + 17,100 + 17,100	=	56,000	7,024	7,024	10,976	10,976	36,000	(	9,900	-	39,000	)	7,376	7,376	11,524	11,524	37,800	(	11,600	-	49,000)		
5-room Operation	6,900 + 6,900 + 6,900 + 6,900 + 6,900	=	34,500	6,840	6,840	6,840	6,840	34,200	(	9,900	-	39,000	)	7,560	7,560	7,560	7,560	37,800	(	11,600	-	49,500)	
	6,900 + 6,900 + 6,900 + 6,900 + 8,600	=	36,200	6,857	6,857	6,857	8,572	36,000	(9,900	-	39,000)	7,200	7,200	7,200	7,200	9,000	37,800	(11,600	-	49,500)	
	6,900 + 6,900 + 6,900 + 6,900 + 10,900	=	38,500	6,429	6,429	6,429	10,284	36,000	(	9,900	-	39,000	)	6,750	6,750	6,750	10,800	37,800	(	11,600	-	49,500)	
	6,900 + 6,900 + 6,900 + 6,900 + 17,100	=	44,700	5,538	5,538	5,538	13,848	36,000	(	9,900	-	39,000	)	5,815	5,815	5,815	14,540	37,800	(	11,600	-	49,500)	
	6,900 + 6,900 + 6,900 + 8,600 + 8,600	=	37,900	6,545	6,545	6,545	8,182	36,000	(9,900	-	39,000)	6,873	6,873	6,873	8,591	8,591	37,800	(11,600	-	49,500)	
	6,900 + 6,900 + 6,900 + 8,600 + 10,900	=	40,200	6,154	6,154	6,154	7,692	36,000	(9,900	-	39,000)	6,462	6,462	6,462	8,076	10,338	37,800	(11,600	-	49,500)	
	6,900 + 6,900 + 6,900 + 8,600 + 17,100	=	46,400	5,333	5,333	5,333	6,667	13,334	36,000	(9,900	-	39,000)	5,600	5,600	5,600	7,000	14,000	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 6,900 + 8,600 + 24,000	=	53,300	4,645	4,645	4,645	5,806	16,259	36,000	(9,900	-	39,000)	4,877	4,877	4,877	6,097	17,072	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 6,900 + 10,900 + 10,900	=	42,500	5,806	5,806	5,806	9,291	9,291	36,000	(9,900	-	39,000)	6,097	6,097	6,097	9,755	9,755	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 6,900 + 10,900 + 17,100	=	48,700	5,070	5,070	5,070	8,123	12,677	36,000	(9,900	-	39,000)	5,324	5,324	5,324	8,518	13,310	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 6,900 + 10,900 + 24,000	=	55,600	4,444	4,444	4,444	7,111	15,557	36,000	(9,900	-	39,000)	4,667	4,667	4,667	7,466	16,333	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 6,900 + 17,100 + 17,100	=	54,900	4,500	4,500	4,500	11,250	11,250	36,000	(9,900	-	39,000)	4,725	4,725	4,725	11,813	11,813	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 8,600 + 8,600	=	39,600	6,261	6,261	7,826	7,826	7,826	36,000	(9,900	-	39,000)	6,574	6,574	8,217	8,217	8,217	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 8,600 + 10,900	=	41,900	5,902	5,902	7,377	7,377	9,442	36,000	(9,900	-	39,000)	6,197	6,197	7,746	7,746	9,914	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 8,600 + 17,100	=	48,100	5,143	5,143	6,429	6,429	12,856	36,000	(9,900	-	39,000)	5,400	5,400	6,750	6,750	13,500	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 8,600 + 24,000	=	55,000	4,500	4,500	5,625	5,625	15,750	36,000	(9,900	-	39,000)	4,725	4,725	5,906	5,906	16,538	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 10,900 + 10,900	=	44,200	5,581	5,581	6,978	8,930	8,930	36,000	(9,900	-	39,000)	5,860	5,860	7,326	9,377	9,377	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 10,900 + 17,100	=	50,400	4,898	4,898	6,122	7,837	12,245	36,000	(9,900	-	39,000)	5,143	5,143	6,428	8,229	12,857	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 10,900 + 24,000	=	57,300	4,311	4,311	5,389	6,898	15,091	36,000	(9,900	-	39,000)	4,527	4,527	5,659	7,243	15,844	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 8,600 + 17,100 + 17,100	=	56,600	4,364	4,364	5,454	10,909	10,909	36,000	(9,900	-	39,000)	4,582	4,582	5,726	11,455	11,455	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 10,900 + 10,900 + 10,900	=	46,500	5,294	5,294	8,471	8,471	12,414	36,000	(9,900	-	39,000)	5,559	5,559	8,894	8,894	8,894	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 10,900 + 10,900 + 17,100	=	52,700	4,675	4,675	7,481	7,481	11,688	36,000	(9,900	-	39,000)	4,909	4,909	7,855	7,855	12,272	37,800	(11,600	-	49,500)
	6,900 + 6,900 + 10,900 + 10,900 + 24,000	=	59,600	4,138	4,138	6,621	6,621	14,482	36,000	(

Ceiling Heat Pumps

26PET2U6 / 36PET2U6 / 42PET2U6

NEW

ECONAVI

Indoor Unit

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



Outdoor Unit
U-26PE1U6
U-36PE1U6



Outdoor Unit
U-42PE1U6

High



NEW



CZ-RWSU3U
Wireless Controller
Transmitter/Receiver Kit



CZ-CENSC1*
Econavi Sensor
(Optional)

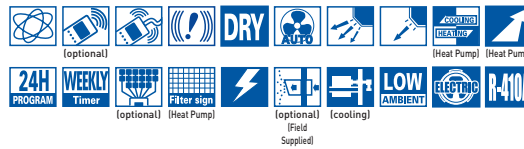


CZ-RTC4*
Standard Wired
Remote Controller
(Optional)



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

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



Application Example

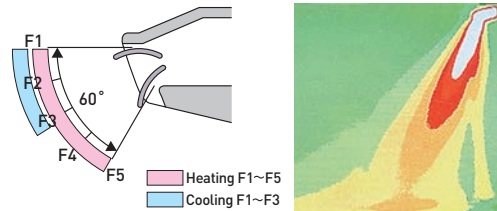
The ceiling-mounted unit is equipped with a highly efficient, multi-blade centrifugal fan that generates a powerful, yet gentle airflow throughout the room.

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



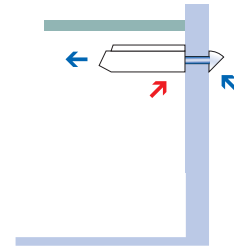
Auto-Louver Function Provides Optimum Airflow During Heating or Cooling Operation

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		Indoor Unit		Indoor Unit	
Height	inches	9-1/4"		9-1/4"		9-1/4"	
Width	inches	50-13/64"		37"		62-19/32"	
Depth	inches	27-11/64"		13-3/8"		27-11/64"	
Net Weight	Lbs.	73.0		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)



NEW

CZ-RWSU3U Wireless Controller Transmitter/Receiver Kit



CZ-CENS1* Econavi Sensor (Optional)



CZ-RTC4* Standard Wired Remote Controller



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



Outdoor Unit
U-26PE1U6
U-36PE1U6



Outdoor Unit
U-42PE1U6

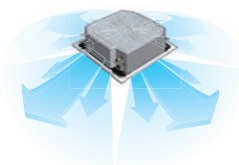


*Sensor/Controller required, not included. Sold separately.

4-Way Airflow Design Sends Cool Air in all Directions

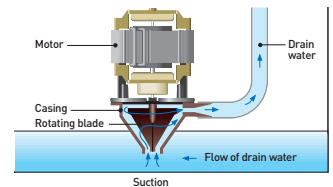
Air is returned through the center of the grille, while evenly distributing air through each of the 4 supply air openings. Installation in the center of the room provides for the greatest comfort. However, 1 or 2 supply louvers can be closed for installation near 1 wall to provide 3 or 2 way airflow. Also, by closing off 1 supply louver, you may attach a duct (field supply) to the upper plenum and provide conditioned air to another, separate area.

Comfort/Quiet



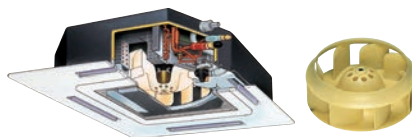
Integrated Drain Pump

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		---		---		
Air Filter	Vertical		Microprocessor		Automatic		
Refrigerant			Washable		Washable		
Refrigerant Control			R-410A		R-410A		
Operation Sound	In (Hi / Me / Lo)	dB-A	34 / 30 / 27		44 / 31 / 28		
Refrigerant Piping (Cooling)	Outdoor (Hi)	dB-A	51 (Max. 66)		52 (Max. 66)		
	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"		10-1/4"		31-1/2"
Width		inches	22-3/4"		22-3/4"		34-1/2"
Depth		inches	22-3/4"		22-3/4"		12-3/4"
Net Weight		Lbs.	40		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		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		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-RWSU3U		CZ-RWSU3U		
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		---		---		---		
Air Filter	Vertical		Automatic		Automatic		Automatic		
Refrigerant			Washable		Washable		Washable		
Refrigerant Control			R-410A		R-410A		R-410A		
Operation Sound	In (Hi / Me / Lo)	dB-A	37 / 31 / 28		44 / 38 / 32		45 / 39 / 33		
Refrigerant Piping	Outdoor (Hi)	dB-A	49		52		53		
	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. 165		Max. 165		
Elevation Difference*	Outdoor Above	Ft.	Max. 100		Max. 100		Max. 100		
	Outdoor Below	Ft.	Max. 50		Max. 50		Max. 50		
Dimensions & Weight									
Height		inches	10-5/64"		12-9/16"		12-9/16"		48-7/16"
Width		inches	33-5/64"		33-5/64"		33-5/64"		37"
Depth		inches	33-5/64"		33-5/64"		13-3/8"		13-3/8"
Net Weight		Lbs.	53.0		60.0		143.0		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 for more detail.)

Concealed Duct-Medium Static Heat Pumps

26PEF2U6

ECONAVI

Indoor Unit
S-26PF2U6

Supplies are 8" dia



Outdoor Unit
U-26PE1U6



NEW
CZ-RWSU3U
Wireless
Controller
Transmitter/
Receiver Kit



CZ-CENS1*
Econavi Sensor
(Optional)



CZ-RTC4*
Standard Wired
Remote Controller
(Optional)



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

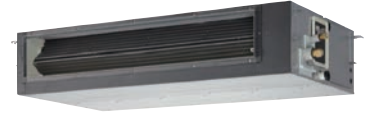
*Sensor/Controller required, not included. Sold separately.

36PEF2U6

ECONAVI

Indoor Unit
S-36PF2U6

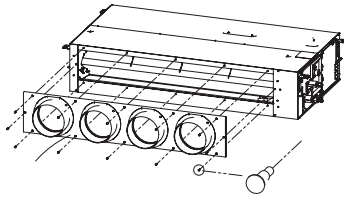
Supplies are 8" dia



Outdoor Unit
U-36PE1U6



Duct Flange



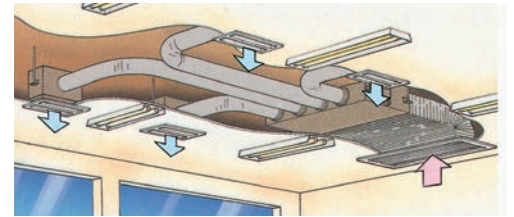
4 circle duct flange (CZ-160DAF2 use with S-36PF2U6)
3 circle duct flange (CZ-90DAF2 use with S-26PF2U6)

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			
		26PEF2U6		36PEF2U6	
Model No.	Unit Model No.	Indoor Unit S-26PF2U6	Outdoor Unit U-26PE1U6	Indoor Unit S-36PF2U6	Outdoor Unit U-36PE1U6
Performance & Electrical Ratings					
Capacity	Cooling	24,000 (9,500-24,000)		31,200 (9,500-31,200)	
	Heating	28,600 (8,000-28,600)		36,200 (8,000-36,200)	
Moisture Removal	High	7.7		10.0	
Dry Air Flow	Hi / Med / Low	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	13.6 / 15.0		18.6 / 20.6	
	Heating	12.5 / 13.8		15.9 / 17.6	
Power Input	Cooling	2,600 / 2,600		3,920 / 3,920	
	Heating	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)	34 / 30 / 27		38 / 33 / 31	
	Outdoor (Hi)	49		52	
Refrigerant Piping	Type	Flare		Flare	
	Discharge	3/8"		3/8"	
	Suction	5/8"		5/8"	
Refrigerant Pipe Length	Ft.	Max. 165		Max. 165	
Elevation Difference**	Outdoor Above	Max. 100		Max. 100	
	Outdoor Below	Max. 50		Max. 50	
Dimensions & Weight					
Height	inches	Indoor Unit 11 7/16"	Outdoor Unit 30-23/32"	Indoor Unit 12-7/32"	Outdoor Unit 30-23/32"
Width	inches	39-3/8"	37"	58-9/32"	37"
Depth	inches	27 9/16"	13-3/8"	24-13/16"	13-3/8"
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.)

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-E12/18RB4U)



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-2E18NB4U, 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)

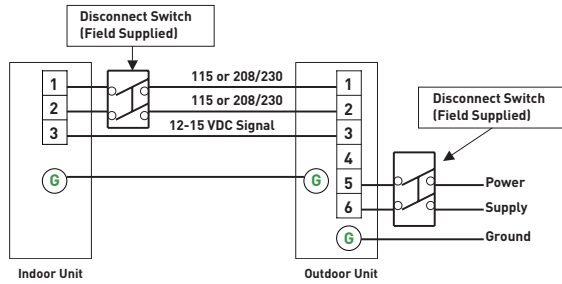
<p>Simplified Remote Controller</p>  <p>CZ-RE2C2</p>	<p>ECONAVI Sensor</p>  <p>CZ-CENSC1 ECONAVI Sensor</p>	<p>Wired Remote Controller</p>  <p>Timer Remote Controller</p> <p>CZ-RTC2/CZ-RTC4 Wired Controller ECONAVI (includes Diagnostic Tool)</p>	<p>High-spec Wired Remote Controller</p>  <p>CZ-RTC5 Wired Controller ECONAVI (Back Lit)</p>	<p>System Controller</p>  <p>CZ-64ESMC1U</p>
<p>Key Features (Simple Remote):</p> <ul style="list-style-type: none"> • 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) 		<p>Key Features (Standard Remote/7 Day Timer):</p> <ul style="list-style-type: none"> • 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.) 	<p>NEW</p>	<p>Multiple Zone Controllers. The Air Conditioning Gateway.</p> <p>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.</p> <p>Key Features (System Control):</p> <ul style="list-style-type: none"> • Controls Up To 64 Units Into 4 Individualized Zones • Alarm and Operational Signal Output • Single Access Points for All Connected Wired Remotes

<p>Wireless Remote Controller</p>	<p>Applicable Unit</p> <p>U2-series (4-Way Cassette)</p>	<p>For All Large capacity series Indoor Units</p>
 <p>K2-series</p> <p>CZ-RWSK1U</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>

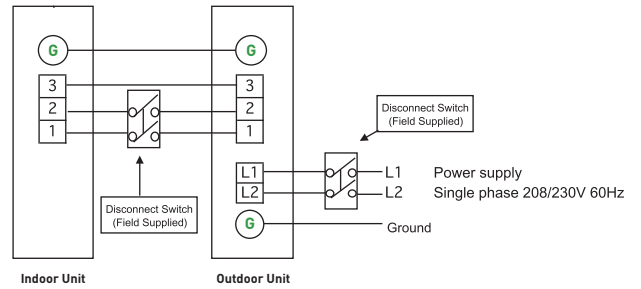
* For application details - please see chart on page 28.

Wiring Schematics

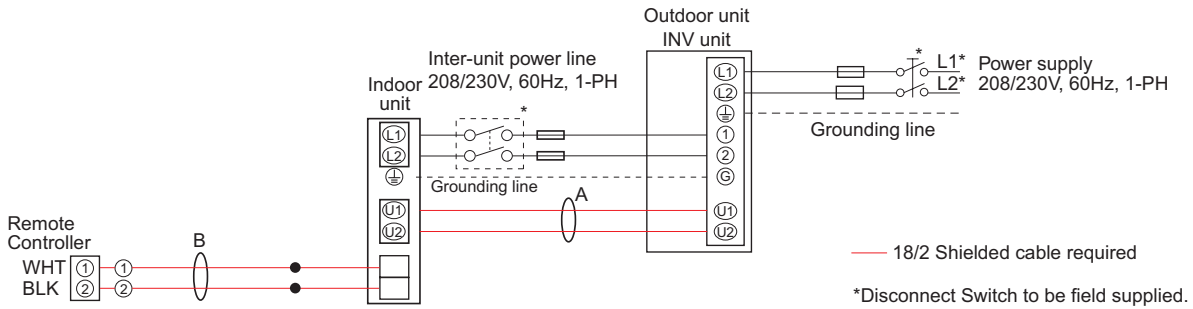
9,000 - 24,000 Btu/h single zone, KS30/36NKUA, KE30/36NKU



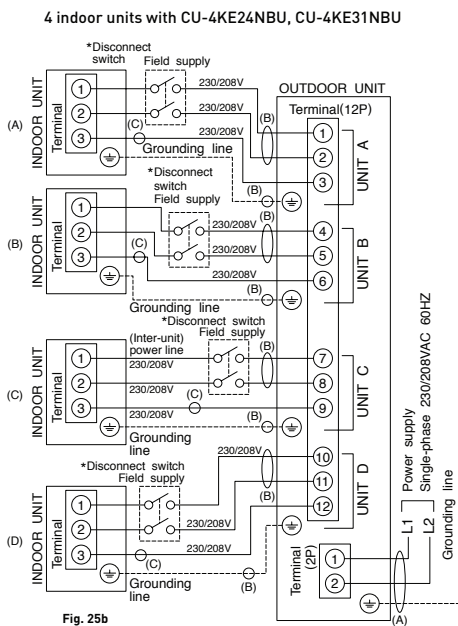
For: XE 9,12,15 SKUA, E9,12,18,24 RKUA, RE 9,12,18,24 SKUA.



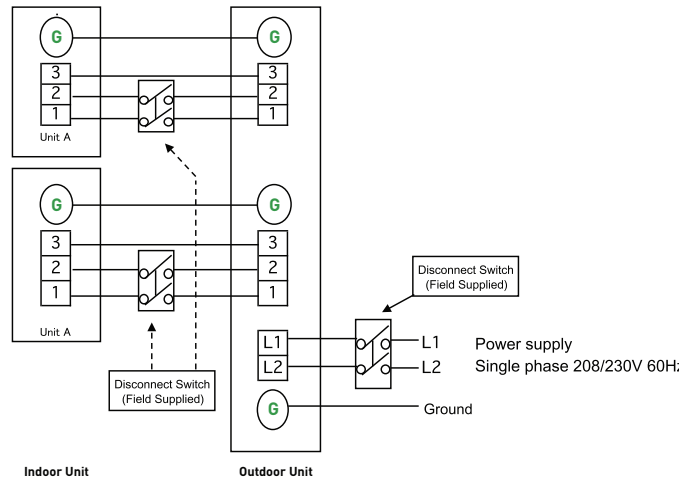
26,000 - 42,000 Btu/h single zone wiring schematic (Except KS30/36NKUA, KE30/36NKU)



Multi Zone System Wiring Schematic



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

Cooling Models KS30/36NKUA

	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

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 (RE9/12/18/24SKUA)

	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	5°F DB / -°F WB

Heat Pump Models above 26,000 Btu

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

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'						33'	R410A 0.2
E12RKUA			66'							
RE12SKUA			100'							
E12RB4U			66'							
E18RKUA			100'							
RE18SKUA			66'							
E18RB4U		5/8"	100'			R410A 0.3				
E24RKUA			66'							
RE24SKUA			66'							
26PEK2U6	3/8"	5/8"	165'	100'	50'	100'	R410A 0.43	Both Tubes		
26PET2U6										
26PEU2U6										
26PEF1U6										
KS30NKUA										
KE30NKU										
KS36NKUA										
KE36NKU										
36PET2U6										
36PEU2U6										
36PEF1U6										
42PET2U6										
42PEU2U6										
CU-2E18NBU	1/4"	3/8**	82'	49'	25'	65'	R410A 0.2			
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)

Panasonic HVAC Dealer Rewards Program



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- Equipment sizing and installation expertise
- Product registration to ensure warranty coverage
- Service and maintenance reminders to ensure product life cycle
- Extended product warranty program
- Consumer financing programs

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A series of 20 horizontal dashed lines spanning the width of the page, providing a template for handwriting practice.

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

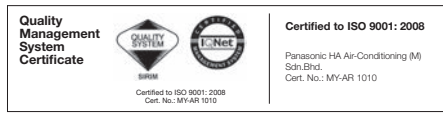
Outdoor Unit

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



Serving the US Ductless market since 1983

Panasonic

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

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.
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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.