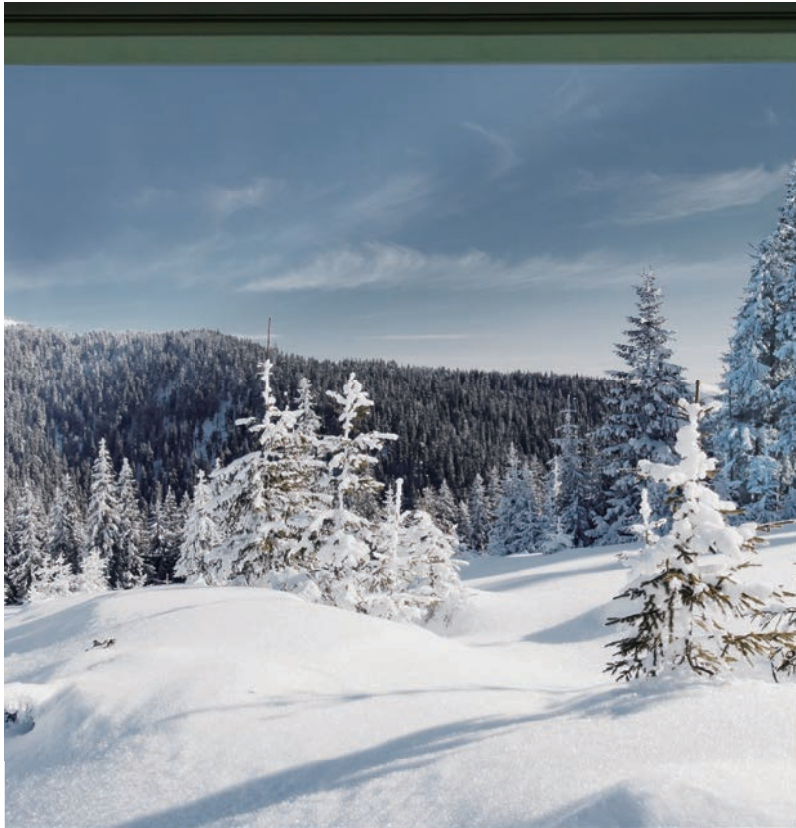


Panasonic

EXTERIOS **XE**

WALL MOUNTED HEAT PUMP **Cold Climate Series**



ECONAVI

INVERTER

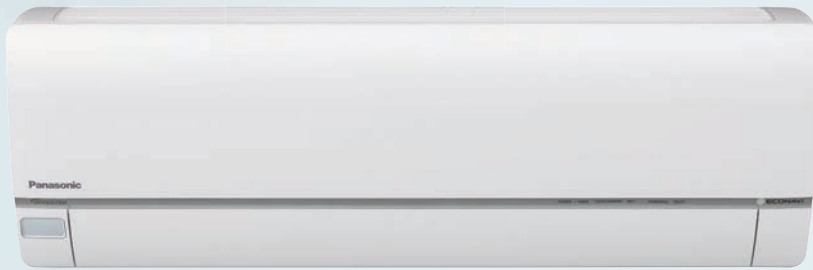


30.6
SEER
14.0
HSPF

NEW

Highly Energy Efficient Cooling and Heating Operation Combined with Innovative Sensor Technology for Home Comfort

EXTERIOS **XE** XE9SKUA XE12SKUA XE15SKUA



Indoor Unit
CS-XE9SKUA / CS-XE12SKUA / CS-XE15SKUA



Wireless Remote Controller (Included)



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



Outdoor Unit
CU-XE9SKUA / CU-XE12SKUA / CU-XE15SKUA



**30.6 SEER
14.0 HSPF**

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.

ECONAVI

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.

INVERTER

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.

Heating Operation Down to -15°F

Powerful Heating at Low Ambient Temperatures

Powerful Heating at Low Ambient Temperatures
Operational heat capacity down to -15°F.

New Base Pan Heater

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.

Auxiliary Connector

Auxiliary/Emergency Heat Connector

Ability to connect to secondary heat controller to provide extra heat when outdoor temperature becomes extremely cold or emergency heat in the unlikely event of outdoor unit failure.



ECONAVI



Low Ambient Operation



Wireless Control



Wired Control (optional)



5 Fan speeds



Louver Control



24hr ON/OFF timer



Auto Restart



Elect. Valve



Quiet Mode



Self Diagnose



ODP=0 Refrigerant



Air Sweep Control



Blue Fin Condenser



Micro-processor Control



Dry



Auto-change over



Hot Start



Anti-microbial Filter



Low Ambient Operation



ECONAVI in cooling mode: *The target temperature set by ECONAVI will be restored automatically to the set temperature when a new condition is detected.

ECONAVI

Discover the waste to discover energy savings

Panasonic developed the world's first ECONAVI in 2007 and it's been in production ever since. ECONAVI detects when people are in a room and the level of activity/motion, then automatically adjusts room temperature for optimum comfort and energy efficiency. Cooling is decreased when a room is vacant or when less activity is detected.

ECONAVI 3 Sensors

1. Absence Detection Human Activity Sensor

Reduces energy usage when no activity is detected.



ECONAVI mono sensor **ECONAVI** dual sensor
switches from high operation to reduce cooling

2. Activity Detection Human Activity Sensor

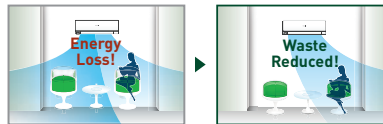
When activity is detected, sensors start working to efficiently cool the zone.



ECONAVI mono sensor **ECONAVI** dual sensor
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.



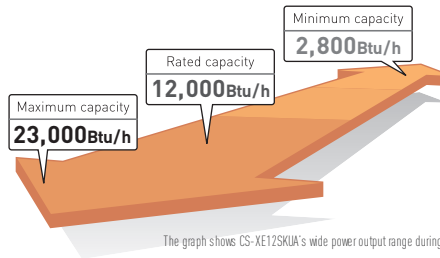
ECONAVI dual sensor
sends cool air only to areas where people are

INVERTER

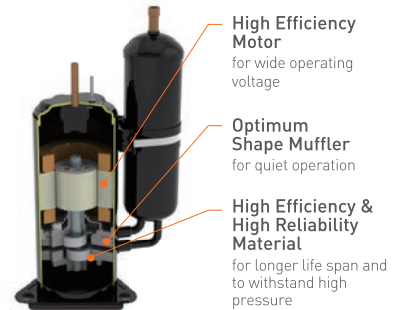
Inverter Compressor

Panasonic's Inverter Compressor achieves high efficiency under high-load conditions. Proven superior quality and reliability with 200 million compressors produced.

Wider Output Power Range



The graph shows CS-XE12SKUA's wide power output range during heating.



Exclusive Features |

LOW AMBIENT Low Ambient Operation

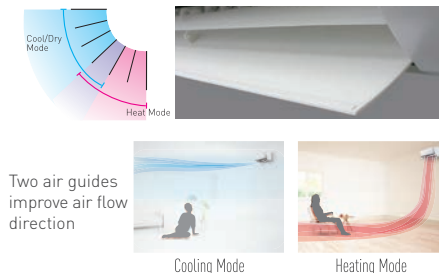
Heating and cooling is possible when outside temperatures are below freezing.

Operation Range

	Indoor air intake temperature		Outdoor air intake temperature	
Cooling	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb
	Max. 90°F Min. 60°F	Max. 70°F Min. 52°F	Max. 115°F Min. 0°F	Max. 79°F Min. 0°F
Heating	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb
	Max. 86°F Min. 60°F	Max. - Min. -	Max. 75°F Min. -15°F	Max. 64°F Min. -2.2°F

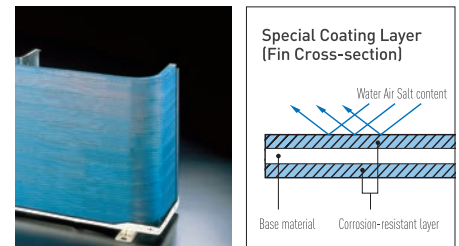
Air Sweep Control

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.



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.



Specifications

Wall Mount Heat Pumps								
Model No.	XE9SKUA			XE12SKUA			XE15SKUA	
Unit Model No.	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
	CS-XE9SKUA	CU-XE9SKUA	CS-XE12SKUA	CU-XE12SKUA	CS-XE15SKUA	CU-XE15SKUA		
Performance & Electrical Ratings								
Capacity	Cooling	Btu/h	8,700(2,800-12,000)		11,500 (2,800-14,000)		15,000 (3,300-19,000)	
	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)		18,000 (3,300-24,000) (16,500 at 17°F)	
Moisture Removal	High	Pints/H	1.3		2.3		2.70	
Dry Air Flow	High	CFM	470		520		550	
SEER	Cooling		30.6		26.2		22.10	
EER	Cooling		17.05		14.7		12.50	
HSPF	Heating		14.0		12.5		12.00	
Power Supply	V, Phase, Hz		230/208V, 1PH, 60Hz		230/208V, 1PH, 60Hz		230/208V, 1PH, 60Hz	
Running Amps	Cooling	A	2.4 / 2.7		3.7 / 4.1		5.7 / 6.3	
	Heating	A	3.1 / 3.5		4.4 / 4.9		5.9 / 6.7	
Power Input	Cooling	W	510 (150-850)		780 (150-1,050)		1.20k (250-1.90k)	
	Heating	W	670 (150-1,650)		950 (150-2,100)		1.30k (200-2.65k)	
Back-up Heater	W		80		80		80	
Fuse or Circuit Breaker Capacity	A		15		20		25	
Features								
Controls			Microprocessor			Microprocessor		
Low Ambient Control			Equipped			Equipped		
Wireless Controller			Included			Included		
Wired Remote Controller(optional)			CZ-RD516C-1			CZ-RD516C-1		
Fan Speeds			5 Speeds + Auto			5 Speeds + Auto		
Timer			24-hr Program			24-hr 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 / Me / Lo)	dB-A	42 / 29 / 26		44 / 35 / 32		47 / 37 / 34	
	Outdoor (Hi)	dB-A	48		49		55	
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. 49.2			Max. 49.2		
Dimensions & Weight								
Height		inches	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
			11-5/8	27-3/8	11-5/8	27-3/8	11-5/8	27-3/8
Width		inches	34-9/32	34-15/32	34-9/32	34-15/32	34-9/32	34-15/32
Depth		inches	10-1/16	12-5/8	10-1/16	12-5/8	10-1/16	12-5/8
Net Weight		Lbs.	24	97	24	97	24	106

Important: You must use refrigerant piping rated for R410a.



Control your heat pump when you're away from home!

Forgot to turn down the heat before leaving home, or want to warm up the house before you arrive? Now you can conveniently control your Panasonic heat pump from your smartphone or web browser. Our new Internet Control Adaptor lets you adjust settings to your desired room temperature from wherever you are.

Internet Control Adaptor

USPA-AC-WIFI-1A

Completable with
CS-XE9/12/15SKUA
CS-E9/12/18/24RKUAW



sold separately



Use of the AHRI Certified™ mark indicates a manufacturer's participation in the certification program. For verification of certification for individual products go to www.ahridirectory.org



Serving the US ductless market since 1983

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