Panasonic

EXTERIOS XE

ENERGY STAR

ECONAVI

XE9SKUA, XE12SKUA, XE15SKUA

WALL MOUNTED HEAT PUMP COLD CLIMATE SERIES

PRODUCT DETAILS

Ductless heating and air conditioning systems provide optimal comfort along with the reduced energy consumption that comes with zoned temperature control. The EXTERIOS XE ductless systems feature an outdoor condenser unit connected to a single indoor unit via narrow refrigerant piping and unlike traditional A/C systems, ductless systems are easy to install with minimal disruption. A small exterior wall penetration is all that's required.

FEATURES/BENEFITS

- Personalize room temperature control and optimize occupant comfort
- Reduce energy usage with eco-friendly, energy saving equipment
- Lower operating cost
- Quick cooling and heating
- Whisper quiet operation
- Eliminate hot/cold spots in your home
- Fast installation by a licensed contractor

APPLICATIONS

- Single-Zone: Effective solution for bedrooms, game rooms, home offices, garages, workshops, additions and rooms that are too hot or too cold.
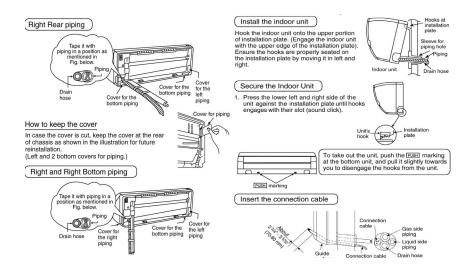
New Base Pan Heater

Microprocessor-Controlled Operation

Air Sweep Control

LOW AMBIENT
Low Ambient Heating Operation

DRY
Dry Mode for Effective Dehumidification

Blue Fin Condenser

Anti-Microbial Filter

24H PROGRAM
24-Hour Clock with ON/OFF Program Timer

Self-Diagnosing Function

COOLING HEATING
Automatic Heating and Cooling Changeover

Quiet mode
Low Fan Speed Quiet Mode

ECO NAVI M
ECONAVI Mono Sensor

Automatic Restart Function After Power Failure

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Superior Indoor Air Quality Solutions

Wall Mount Heat Pumps						
Model No.		XE9SKUA		XE12SKUA		XE15SKUA	
Unit Model No.		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 Remova	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		Microprocessor	
Low Ambient Control			Equipped		Equipped		Equipped	
Wireless Controller			Included		Included		Included	
Wired Remote Controller(optional)			CZ-RD516C-1		CZ-RD516C-1		CZ-RD516C-1	
Fan Speeds			5 Speeds + Auto		5 Speeds + Auto		5 Speeds + Auto	
Timer			24-hr Program		24-hr Program		24-hr Program	
Air Deflection	Horizontal		Automatic		Automatic		Automatic	
	Vertical		Automatic		Automatic		Automatic	
Air Filter			Washable + Anti Microbial Filter		Washable + Anti Microbial Filter		Washable + Anti Microbial Filter	
Refrigerant			R-410A		R-410A		R-410A	
Refrigerant control			Electric Expansion Valve		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		Flare	
	Discharge	inches	1/4		1/4		1/4	
	Suction	inches	3/8		1/2		1/2	
Refrigerant Pipe Length		Ft.	Max. 65.6		Max. 65.6		65.6	
Elevation Difference*	Outdoor Above	Ft.	Max49.2		Max. 49.2		Max. 49.2	
	Outdoor Below	Ft.	Max49.2		Max. 49.2		Max. 49.2	
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height		inches	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.

INSTALLATION INSTRUCTIONS

■ Please read product installation instructions in full before installing. Product instructions are included with the product or can be found at:

HTTP://BUSINESS.PANASONIC.COM/SUPPORT-HVAC-MINISPLITS-MANUALS

Right Rear piping

Tape it with piping in a position as mentioned in Fig. below.

Piping

Drain hose

Cover for the bottom piping

Cover for the bottom piping

Cover for the left piping

How to keep the cover
In case the cover is cut, keep the cover at the rear of chassis as shown in the illustration for future reinstallation.
(Left and 2 bottom covers for piping.)

Cover for piping

Right and Right Bottom piping

Tape it with piping in a position as mentioned in Fig. below.

Piping

Drain hose

Cover for the right piping

Cover for the bottom piping

Cover for the left piping

Install the indoor unit

Hook the indoor unit onto the upper portion of installation plate. (Engage the indoor unit with the upper edge of the installation plate.) Ensure the hooks are properly seated on the installation plate by moving it in left and right.

Hooks at installation plate

Sleeve for piping hole

Piping

Indoor unit

Drain hose

Secure the Indoor Unit

1. Press the lower left and right side of the unit against the installation plate until hooks engages with their slot (sound click).

Unit's hook

Installation plate

To take out the unit, push the [PUSH] marking at the bottom unit, and pull it slightly towards you to disengage the hooks from the unit.

[PUSH] marking

Insert the connection cable

About 2-3/4~3-5/8" (70~90 mm)

Guide

Connection cable

Connection cable

Gas side piping

Liquid side piping

Drain hose

SAFETY NOTES

■ Installation by licensed contractor only

■ The use of personal protective equipment is always recommended

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