



WALL MOUNTED HEAT PUMP COLD CLIMATE SERIES

ClimaPure™ **XE**



**XE9WKUA, XE12WKUA, XE15WKUA,
XE18WKUA, XE24WKUA**

PRODUCT DETAILS

Ductless heating and air conditioning systems provide optimal comfort along with the reduced energy consumption that comes with zoned temperature control. The new XE ductless system features nanoe™ X — a built-in air and surface purification technology that provides a comfortable environment for occupants by reducing pollutants and odors. nanoe™ X penetrates deep into the fibers of carpets and furniture to inhibit pollutants and odors. The multi-step purification system, nanoe™ X and filter, requires minimal maintenance (only the filter). Since the nanoe™ X device is made from rugged titanium, no maintenance is required. Featuring whisper-quiet heating and cooling and advanced built-in air and surface purification technology, the new XE series sets a new standard for a comfortable indoor environment.

FEATURES/BENEFITS

- nanoe™ X air and surface purification system
- -26°C (-15°F) cold climate heating operation
- Base pan heater included
- Built-in Wi-Fi
- Auxiliary heater connection
- Personalized room temperature control and optimized comfort
- Reduced energy usage and utility bills with eco-friendly, energy-saving equipment
- Whisper-quiet heating and cooling operation
- Elimination of hot/cold spots in your home
- Requires less install time by 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.



Purification System



Built-in Wi-Fi



Microprocessor-Controlled Operation



Air Sweep Control



Low Ambient Heating Operation



New Base Pan Heater



Blue Fin Condenser



Dry Mode for Effective Dehumidification



24-Hour Clock with ON/OFF Program Timer



PM2.5 Filter (optional)



Automatic Heating and Cooling Changeover



Self-Diagnosing Function



Automatic Restart Function After Power Failure



Low Fan Speed Quiet Mode

Wall Mounted Heat Pump Cold Climate Series																	
			CS-XE9WKUAW			CS-XE12WKUAW			CS-XE15WKUAW			CS-XE18WKUAW			CS-XE24WKUAW		
			CU-XE9WKUA			CU-XE12WKUA			CU-XE15WKUA			CU-XE18WKUA			CU-XE24WKUA		
			nanoe™ X			nanoe™ X			nanoe™ X			nanoe™ X			nanoe™ X		
Advanced Indoor Air Purification			MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX	MIN	RATED	MAX
Heating (Indoor Dry Bulb 21°C [70°F])	-15°C [5°F]	BTU/h	1,700	-	11,000	1,700	-	12,000	1,500	-	12,200	2,600	-	20,400	2,600	-	25,200
		kW	0.12	-	1.40	0.12	-	1.59	0.15	-	2.40	0.30	-	2.59	0.30	-	3.57
		COP	4.15	-	2.30	4.15	-	2.21	2.93	-	2.10	2.54	-	2.30	2.54	-	2.07
	-8°C (17°F)	BTU/h	2,100	8,000	12,500	2,100	10,000	14,600	2,000	11,000	19,000	3,400	14,000	22,300	3,400	18,500	26,500
		kW	0.14	0.75	1.45	0.14	1.05	1.58	0.16	1.02	2.53	0.34	1.40	2.63	0.34	2.05	3.00
		COP	4.40	3.13	2.52	4.40	2.80	2.71	3.67	3.16	2.20	2.93	2.93	2.48	2.93	2.65	2.59
	8°C (47°F)	BTU/h	3,000	10,900	18,000	3,000	12,000	23,000	3,300	17,200	24,000	5,800	20,400	30,000	5,800	28,800	33,800
		kW	0.15	0.67	1.65	0.15	0.80	1.80	0.20	1.26	2.65	0.38	1.63	2.80	0.38	2.52	3.00
		COP	5.93	4.79	3.21	5.93	4.39	3.73	4.90	4.00	2.65	4.47	3.66	3.14	4.47	3.36	3.30
Cooling (Indoor Dry Bulb 27°C [80°F])	35°C (95°F)	BTU/h	2,800	8,700	12,000	2,800	11,500	14,000	3,300	14,700	19,000	5,800	17,200	19,800	5,800	24,000	27,200
		kW	0.15	0.54	0.85	0.15	0.81	1.05	0.25	1.17	1.90	0.43	1.30	1.60	0.38	2.20	2.52
		COP	5.53	4.72	4.13	5.53	4.15	3.90	3.92	3.68	2.93	3.95	3.88	3.62	4.47	3.19	3.17

GENERAL DATA																	
COOLING																	
Amps (A)			2.4			3.8			5.4			6.3			6.3		
Power Input (W)			510			810			1.17K			1.30K			2.20K		
HEATING																	
Amps (A)			3.1			3.8			5.8			6.7			6.7		
Power Input (W)			670			800			1.26K			1.63K			2.52K		
Low Ambient Heat Operation			-15°F			-15°F			-15°F			-15°F			-15°F		
SEER			28.2			24.6			22.1			21			20		
EER			16.1			14.2			12.5			13.2			10.5		
HSPF Region IV			14.5			13			12			12			10.6		
INDOOR UNIT																	
CFM Hi Cooling			380			415			430			560			605		
CFM Hi Heating			395			415			460			595			630		
Operating Sound-H/L/QLo/ dB-A(Cool)			42/25/20			45/28/20			45/37/34			47/39/36			49/40/37		
Operating Sound-H/L/QLo/ dB-A(Cool)			42/25/20			44/35/32			47/37/34			48/39/36			49/40/37		
Drain Connection Size (in.)			3/4" via adapter included			3/4" via adapter included			3/4" via adapter included			3/4" via adapter included			3/4" via adapter included		
Refrigerant Control			Electronic Expansion Valve			Electronic Expansion Valve			Expansion Valve			Expansion Valve			Expansion Valve		
Line Length, Max (ft.)			65.6'			65.6'			66'			100'			100'		
Line Size (in. O.D. Discharge)			1/4"			1/4"			1/4"			1/4"			1/4"		
Line Size (in. O.D. Suction)			3/8"			1/2"			1/2"			1/2"			5/8"		
FEATURES																	
ENERGY STAR®			Yes			Yes			Yes			Yes			N/A		
NEEP Qualified			Tier 2			Tier 2			Tier 2			Tier 2			N/A		
Base Pan Heater			Included			Included			Included			Included			Included		
Auxiliary Heater Connection			Optional Relay Kit			Optional Relay Kit			Optional Relay Kit			Optional Relay Kit			Optional Relay Kit		
Wi-Fi			Built-in			Built-in			Built-in			Built-in			Built-in		
Integrated Control Solution*			Yes			Yes			Yes			Yes			N/A		
Wireless Controller			Included			Included			Included			Included			Included		
Wired Controller			Optional			Optional			Optional			Optional			Optional		
Variable Capacity			Yes			Yes			Yes			Yes			Yes		
Refrigerant(s)			R410a			R410a			R410a			R410a			R410a		
Air Filter			Washable, One-touch			Washable, One-touch			Washable, One-touch			Washable, One-touch			Washable, One-touch		
Dimensions	Indoor	H / W / D	295 mm	870 mm	230 mm	295 mm	870 mm	230 mm	295 mm	870 mm	230 mm	302 mm	1102 mm	244 mm	302 mm	1102 mm	244 mm
	Outdoor	H / W / D	619 mm	824 mm	299 mm	619 mm	824 mm	299 mm	695 mm	875 mm	320 mm	795 mm	875 mm	320 mm	795 mm	875 mm	320 mm
Weight	Indoor		24 lbs			24 lbs			24 lbs			33 lbs			33 lbs		
	Outdoor		82 lbs			82 lbs			106 lbs			132 lbs			132 lbs		

* Integrated Control Solution -
 - Heat Pump is NEEP Qualified and can be controlled with Panasonic dual fuel
 - Panasonic IC Solution meets Mass Save and NYSERDA IC Control rebate criteria: https://www.masssave.com/-/media/Files/PDFs/Save/Residential/Integrated-Controls-and-Dual-Fuel-TStats_Master.pdf



Panasonic®

Panasonic Corporation of North America
 Panasonic Appliances Air Conditioning North America
 Two Riverfront Plaza, Newark, NJ 07102-5490 USA
us.panasonic.com/hvac

Panasonic Canada Inc.
 Enterprise Product Sales
 5770 Ambler Dr., Mississauga, ON, L4W 2T3 CANADA
na.panasonic.com

Serving the North American ductless market since 1983

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Caution Related to Safety Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for the damage and deterioration in safety due to usage of other refrigerant.

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