

CU-3E19RBU-5 MULTI-ZONE SYSTEM

-5°F Heat Operation

2-3

Zone (1.5 Ton)

CU-3E19RBU-5

Cooling Capacity: 19,000 (6,100 - 24,800) Btu/hr
 Heating Capacity: 26,000 (5,000 - 28,400) Btu/hr
 SEER Non-Ducted 22.0 / Ducted 18.5
 EER Non-Ducted 12.55 / Ducted 10.85
 HSPF Non-Ducted 10.5 / Ducted 9.0
 Min/Max capacity 15,300 - 30,600 Btu/hr



Wireless Controller (Included)



Wired Remote Controller CZ-RD516C-1 (Optional)



Wireless App Control

Connect 2 to 3 Indoor Units



CS-ME5RKUA / CS-ME7RKUA / CS-E9RKUAW / CS-E12RKUAW / CS-E18RKUAW



CS-XE9WKUAW / CS-XE12WKUAW / CS-XE15WKUAW / CS-XE18WKUAW



CU-3E19RBU-5



Wireless Controller (Included)



Wired Controller with 32 ft cable CZ-RD52CU (Optional)



CZ-BT20U



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

Outdoor Unit

MODEL NO.		CU-3E19RBU-5	
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	Non-Ducted / Ducted	22.0 / 18.5	
EER	Non-Ducted / Ducted	12.55 / 10.85	
HSPF	Non-Ducted / Ducted	10.5 / 9.0	
Electrical Rating			
Power Supply	V, Phase, Hz	230V / 208V, 1PH, 60Hz	
Running Ampere	Non-Ducted / Ducted A	7.4-6.7 / 8.5-7.7	10.1-9.1 / 12.3-11.1
Power Input	W	1,510 (360-2,420)	2,060 (320-2,300)
Maximum Fuse Size : MCA / MOCP	Amps	20/30	
Features			
Controls		Microprocessor	
Fan Speeds		Variable Speed	
Compressor		Twin Rotary, DC Motor, Inverter	
Refrigerant / Amount Charged at Shipment		R-410A / 93.2 oz	
Refrigerant Control		Electronic Expansion Valve	
Operation Sound	Hi dB-A	50	52
Refrigerant Tubing Connections	Type	Flare	
Max. Allowable Tubing Length	Ft.	164 per system (82 per indoor unit)	
Refrigerant Tube Diameter (service value)	Discharge / Suction inch	1/4" x 3 / 3/8" x 3	
Adapter Required		Indoor 12 and 18 Btu/hr. require 1 CZ-MA1P-US	
Dimensions & Weight			
Unit Dimensions	H x W x D inch	31-5/16 x 34-15/32 x 14-3/6	
Net Weight	Lbs.	159	

Important: You must use refrigerant piping rated for R410a.

Advantages of Multi-Zone Inverter System

- Year-round comfort with Multi Zone Heating & Cooling.
- Combine low-energy Inverter Technology and Ductless Zone Control for optimum energy efficiency.
- Cool and Heat 2-3 rooms or a whole house with one outdoor condenser and up to 3 ductless indoor units.
- Eliminate cost of duct installation and cleaning.

nanoe™X ClimaPure™ Compatibility (CU-3E19RBU-5)

- Built-in air and surface purification technology that provides a comfortable environment for occupants by reducing pollutants and odours.



Combination Possibilities

MULTI-ZONE		CU-2E18SBU-5	CU-3E19RBU-5	CU-4E24RBU-5	CU-5E36QBU-5
Wall	CS-ME9RKAU	✓	✓	✓	✓
	CS-ME7RKAU	✓	✓	✓	✓
	CS-E9RKAUAW	✓	✓	✓	✓
	CS-E12RKAUAW	✓	✓	✓	✓
	CS-E18RKAUAW	—	✓	✓	✓
	CS-E24RKAUAW	—	—	✓	✓
	CS-XE9WKUAW - NEW nanoeX	—	✓	—	—
	CS-XE12WKUAW - NEW nanoeX	—	✓	—	—
	CS-XE15WKUAW - NEW nanoeX	—	✓	—	—
	CS-XE18WKUAW - NEW nanoeX	—	✓	—	—
CS-XE24WKUAW - NEW nanoeX	—	—	—	—	
4-Way	CS-ME9SB4U	✓	✓	✓	✓
	CS-E12RB4UW	✓	✓	✓	✓
	CS-E18RB4UW	—	✓	✓	✓
Ducted	CS-ME5SD3UA	✓	✓	✓	✓
	CS-ME7SD3UA	✓	✓	✓	✓
	CS-E9SD3UAUW	✓	✓	✓	✓
	CS-E12SD3UAUW	✓	✓	✓	✓
	CS-E18SD3UAUW	—	✓	✓	✓
Capacity range of connectable indoor units		3.2 – 6.4 kW	4.5 – 9.0 kW	4.5 – 13.6 kW	4.5 – 17.5 kW
Piping Length	1 room maximum pipe length (m (ft))	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)
	Allowable elevation (m (ft))	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)
	Total allowable pipe length (m (ft))	50 (164.0)	50 (164.0)	70 (229.6)	80 (262.4)
	Total pipe length for maximum chargeless length (m (ft))	20 (65.6)	30 (98.4)	45 (147.6)	45 (147.6)
	Additional gas amount over chargeless length (g/m (oz/ft))	20 (0.2)	20 (0.2)	20 (0.2)	20 (0.2)

Multi-Zone Systems

Indoor Units

Wall Mount



CS-ME5RKUA / CS-ME7RKUA / CS-E9RKUAW / CS-E12RKUAW / CS-E18RKUAW
CS-XE9WKUAW / CS-XE12WKUAW / CS-XE15WKUAW / CS-XE18WKUAW **• nanoE^X**



Wireless
Controller
(Included)



Wireless App for
XE series Only



Wired Controller
with 32 ft cable
CZ-RD516C-1
(Optional)

4-Way Cassette



CS-ME9SB4U / CS-E12RB4UW / CS-E18RB4UW



Wireless
Controller
(Included)



Wired Controller
with 32 ft cable
CZ-RD52CU
(Optional)

Slim Duct



CS-ME5SD3UA / CS-ME7SD3UA / CS-E9SD3UAW / CS-E12SD3UAW / CS-E18SD3UAW



Wireless Controller
with Receiver/Cable
(Included)



Wired Controller
with 32 ft cable
CZ-RD52DU
(Optional)

All Indoor multi zone units can be field modified to operate as Cooling Only.

Understanding total System Capacity is an important step in sizing and selecting heat pump equipment.

Outdoor Unit Capacity:

The System Capacity is the Cooling and Heating Capacity listed at the top of the Outdoor unit's specification chart.

Indoor Unit Demand:

The Cooling and Heating Capacities are listed at the top of the specification chart of each Indoor Unit (See the full line catalog for more details). The total of these partial indoor capacities is the System Demand.

CU-3E19RBU-5		
2 Zones	3 Zones	
5 + 12	5 + 5 + 5	7 + 7 + 7
5 + 15	5 + 5 + 7	7 + 7 + 9
5 + 18	5 + 5 + 9	7 + 7 + 12
7 + 9	5 + 5 + 12	7 + 7 + 15
7 + 12	5 + 5 + 15	7 + 7 + 18
7 + 15	5 + 5 + 18	7 + 9 + 9
7 + 18	5 + 7 + 7	7 + 9 + 12
9 + 9	5 + 7 + 9	7 + 9 + 15
9 + 12	5 + 7 + 12	7 + 12 + 12
9 + 15	5 + 7 + 15	9 + 9 + 9
9 + 18	5 + 7 + 18	9 + 9 + 12
12 + 12	5 + 9 + 9	9 + 9 + 15
12 + 15	5 + 9 + 12	9 + 12 + 12
12 + 18	5 + 9 + 15	-
15 + 15	5 + 12 + 12	-
15 + 18	5 + 12 + 15	-

Panasonic

Panasonic Corporation of North America

2 Riverfront Plaza, Newark, NJ 07102, USA
us.panasonic.com/hvac

Panasonic Canada Inc.

Enterprise Product Sales
 5770 Ambler Dr., Mississauga, ON, L4W 2T3 CANADA
na.panasonic.com/ca/hvac