Panasonic
AIR CONDITIONING

Whole Home Solutions

Ducted & Multi Room Air Conditioning

2023/24

QUALITY AIR FOR LIFE

Panasonic

Control Solutions

Easy-to-use, with multiple energy saving functions at your fingertips.

Available on Ducted and Mini VRF options, not available on Multi Systems.

CONEX

(CZ-RTC6 / CZ-RTC6BL / CZ-RTC6BLW)

Simple and sophisticated design in-and-out

User friendly interface with stylish design measuring just 86 x 86 mm, CONEX is an extremely compact remote controller which looks great in any room.

Easy control and access for end users, installers, and service partners with just one remote

User-friendly day-to-day operation for end users, simplified set up for installers, and convenient after-sales service access for service partners - all with one remote control.

Deluxe Wired Remote Controller

Large 3.5” full-dot LCD with white LED backlight

Characters and icons are clearly displayed for perfect visibility. With the white LED backlight, you can now change the temperature during the night without even turning on the light.

Stylish, easy-to-use touch key design

The elegant, flat design features large touch keys in a simple layout enabling easy, intuitive operation.

CONEX/CONEX Zone Controller

Individual Comfort and Energy Saving

Airflow Volume Control

The damper opening can be controlled with the CFC app. Adjust the air volume conveniently according to your daily life.

The living room damper opening is increased

For daily naps, reduce the air volume so that it doesn't get too cold.

Auto-optimised Comfort for Your Lifestyle

Weekly timer

Able to set 6 timers/day. Realise optimal control day & night for your lifestyle with timers.

Pre-cool 30 minutes before going to bed, living zone off 30 minutes later.

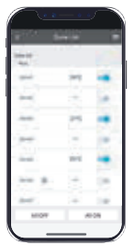
Cool your bedroom on weekend mornings to suit your oversleep.

Purifies Your Room with nanoe™ X

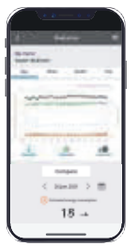
24hr Clean air

When you go out, clean the air with the nanoe™ mode. Pre-cool the living zone according to the time you return home.

Zone Status



Statistics



Other Hardware Requirements*

Router - Internet - Smartphone
(Required 2.4GHz transmission channel)

*Purchase and subscribe separately

Compatible Device and Browsers

1. iOS 9.0 or above
2. Android™ 5.0 Lollipop or later

Panasonic

Download on the App Store

GET IT ON Google Play

Download Free App

Panasonic Comfort Cloud app

Note: Product images not to scale.

Manage Up to 8 Zones with an Advanced Zone Control System

CONEX Zone Controller

Product movie

Ducted
Air Conditioner

Intuitive Control with
Comfort Cloud App

Each family member can control home AC from multiple devices

Download on the App Store

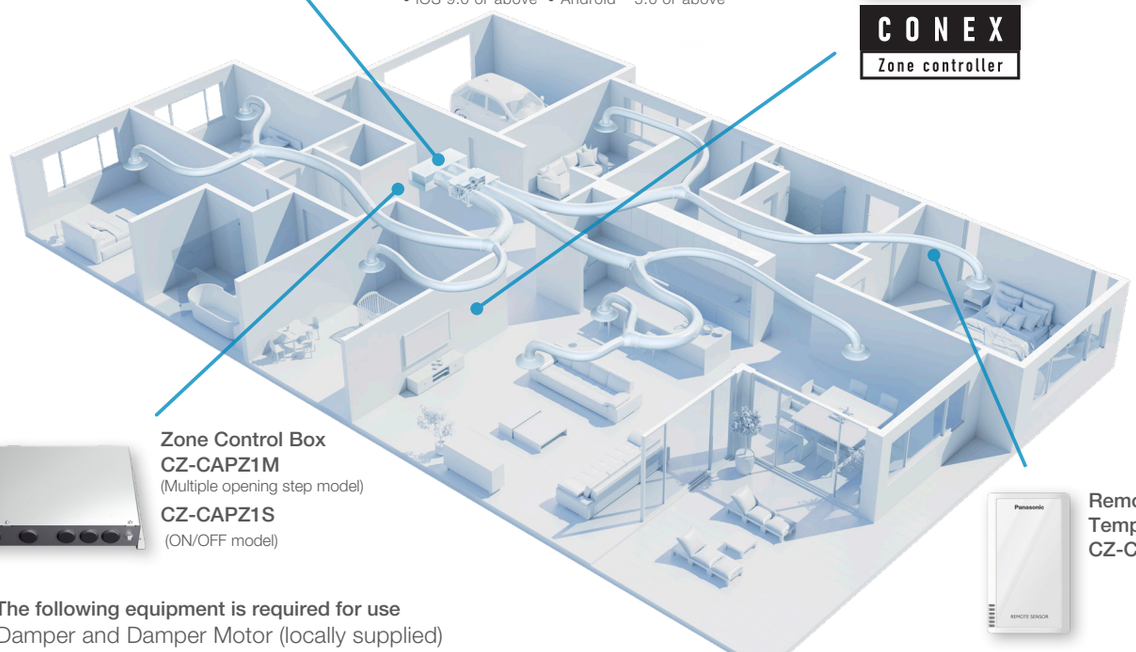
GET IT ON Google Play

Compatible Device and Browsers.
• iOS 9.0 or above • Android™ 5.0 or above*

Zone controller
CZ-RTC6Z

Thanks to built-in WLAN RC, set up is easy

CONEX Zone controller



Zone Control Box
CZ-CAPZ1M
(Multiple opening step model)
CZ-CAPZ1S
(ON/OFF model)

Remote
Temperature Sensor
CZ-CSRC3 (optional)

•The following equipment is required for use
Damper and Damper Motor (locally supplied)
/Transformer (locally supplied)

Zone Remote Controller

Spec & dimensions

Model No.	CZ-RTC6Z
Dimensions	(H) 86 mm x (W) 86 mm x (D) 25 mm
Weight	0.10 kg
Temperature / Humidity range	0°C to 40°C / 20% to 80% (No condensation) • Indoor use only.
Power Source	DC16 V (supplied from indoor unit)
Wireless LAN standard	IEEE 802.11 b/g/n
Frequency range	2.4 GHz band
Encryption	WPA2-PSK (TKIP/AES)
OS version on the mobile device for CFC	iOS: 9.0 or later Android™: 5.0 or later

Zone Control Box

Spec & dimensions

Model No.	CZ-CAPZ1S/CZ-CAPZ1M
Dimensions	(H) 250 mm x (W) 342 mm x (D)70 mm
Weight	1.9 kg

Remote Temperature Sensor

Spec & dimensions

Model No.	CZ-CSRC3
Dimensions	(H) 120mm X (W) 70mm X (D) 17mm
Weight	70g
Temperature/Humidity range	0°C to 40°C / 20% to 80% (No condensation) Indoor use only.

Usable indoor units

Zone Controller can be connected with 3.6 kW to 22.4 kW Ducted (PE3 and PF3) Indoors and VRF Ducted units (M1, E1, E2, E1R, F2, F3 and Z1).

*Connectable to selected Panasonic ducted models only, please consult Panasonic for more details.

Series	PE3	PF3	MM1	ME1	ME2	ME1R	MF2	MF3	MZ1
Capacity	6.0 kW-22.4 kW	3.6 kW-14.0 kW	2.2 kW-5.6 kW	7.3 kW-14.0 kW	18.0 kW-28.0 kW	9.0 kW-16.0 kW	2.2 kW-16.0 kW		2.2 kW-7.3 kW

Note: Product images not to scale.

* iOS is the name of the OS of Apple Inc. iOS is a trademark or registered trademark of Cisco in the US and other countries where it is licensed for use. Apple and the Apple logo are trademarks of Apple Inc. that are registered in the US and other countries. App Store is a service mark of Apple Inc.
* Android™, Google Play™ and Google Play™ logos are registered trademarks of Google LLC.

Panasonic Comfort Cloud features

Voice Control

Control air conditioning units by voice command intuitively connecting to smart speaker.*1

works with the Google Assistant

From 1 to 200 units

User can control up to 200 indoor units. 10 different sites, with up to 20 units / groups per site.

Easy Scheduling

Complex weekly scheduling made simple. Not only for one units, but across multiple sites and from a smartphone.

Custom timer according to your working day and hour

Multiple User

The Panasonic Comfort Cloud App allows multiuser access control. Restrict user access to specific units.

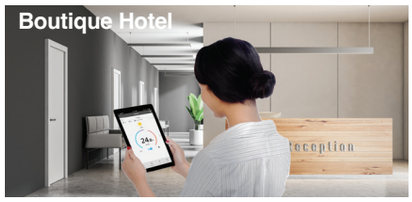
Energy Monitor

See the estimated power consumption and compare with other periods to see how energy bill can be reduced even more.*2

Error Codes

Error code notification through the App, provides early notification and allows for faster repair.

Application Examples



Centralised control from reception.

Multiple location control for small business.

System configuration

Network Adaptor

CZ-TACG1 CZ-CAPWFC1

CZ-TACG1: For products for small sized project. (Page 40-41)
CZ-CAPWFC1: Available for all types of VRF and PAC indoor unit.

Connection Diagram

Indoor Unit

In conformity with IEEE 802.11

WLAN Smart Adaptor specification

	CZ-TACG1	CZ-CAPWFC1
Input Voltage	DC 1.2V (Supplied from indoor unit)	
Power Consumption	Maximum 0.66W	Maximum 2.4W
Size [H x W x D]	66 x 36 x 12mm	120 x 70 x 25mm
Weight	Approx. 85g	190g (including communications lines)
Interface	Wireless LAN	
Wireless LAN Standard	IEEE 802.11 b/g/n	
Frequency range	2.4GHz band	
Encryption	WPA2-PSK(TKIP/AES)	
Operation range	0-55°C, 20 - 80RH%	

Panasonic

Comfort Cloud App

Download on the App Store

GET IT ON Google Play

Compatible Device and Browsers

1. IOS 9.0 or above
2. Android 4.4 or above

*1 Time of release in Quarter Three 2019.
CZ-TACG1 or CZ-CAPWFC1 Network Adaptor required per unit.
Requires an Internet connection and the App downloaded from the App Store or GooglePlay Store on your smartphone or tablet with the latest Operating System available.
To use Amazon Alexa to control your air conditioner, you will need an Amazon Echo device.
To use Google Assistant to control your air conditioner, you will need an Google Assistant device.
Google is a trademark of Google LLC.
Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
*2 Function available depending on the model.

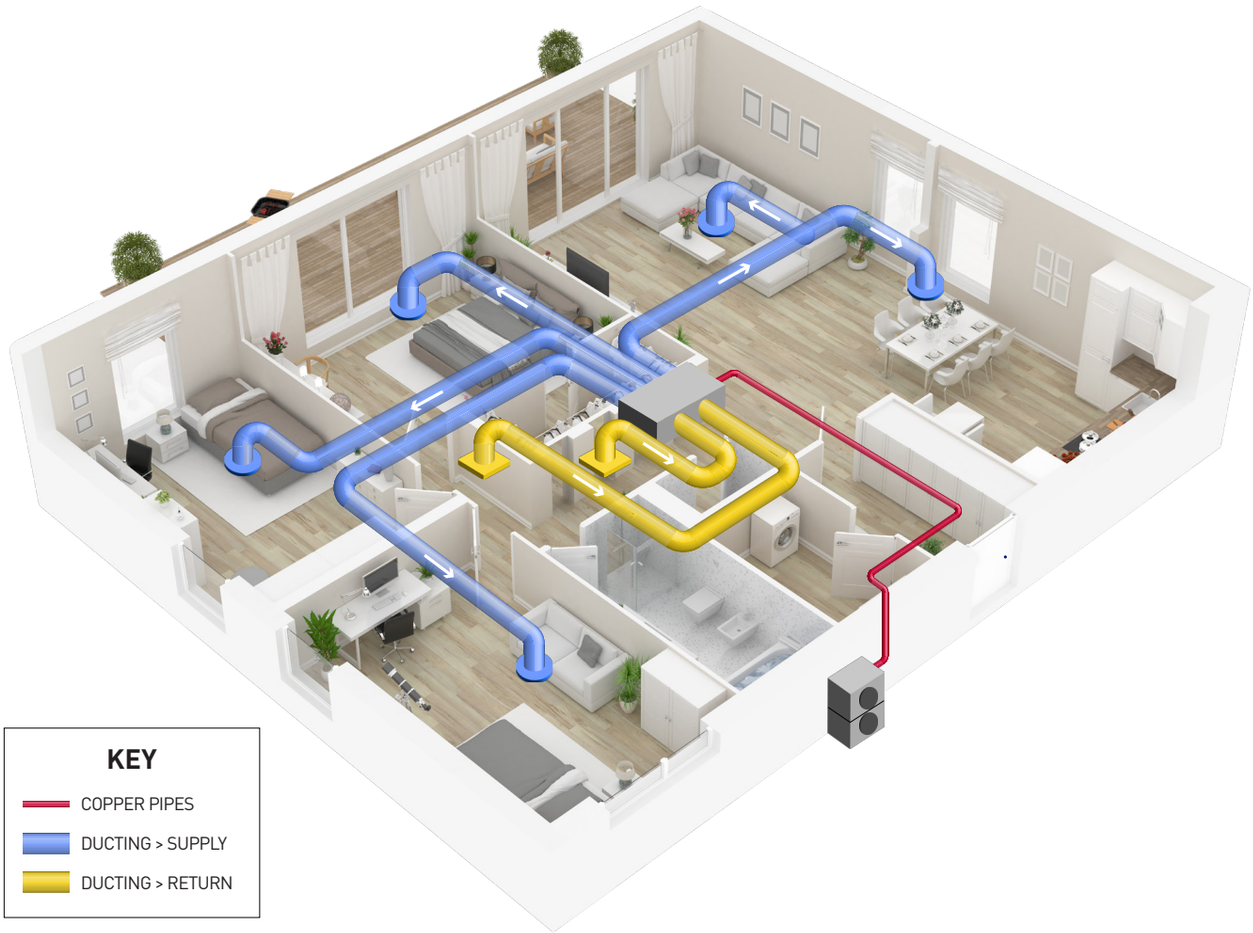
Ducted System

Advantages

- Discrete and quiet
- Up to 8 rooms off one outdoor (up to 16kW)
- Range of different grill options
- Deluxe controller option
- Smart WiFi & Voice Control compatible

Considerations

- Requires access space either in the ceiling or under the house
- Single set temperature for all rooms



Zone Control

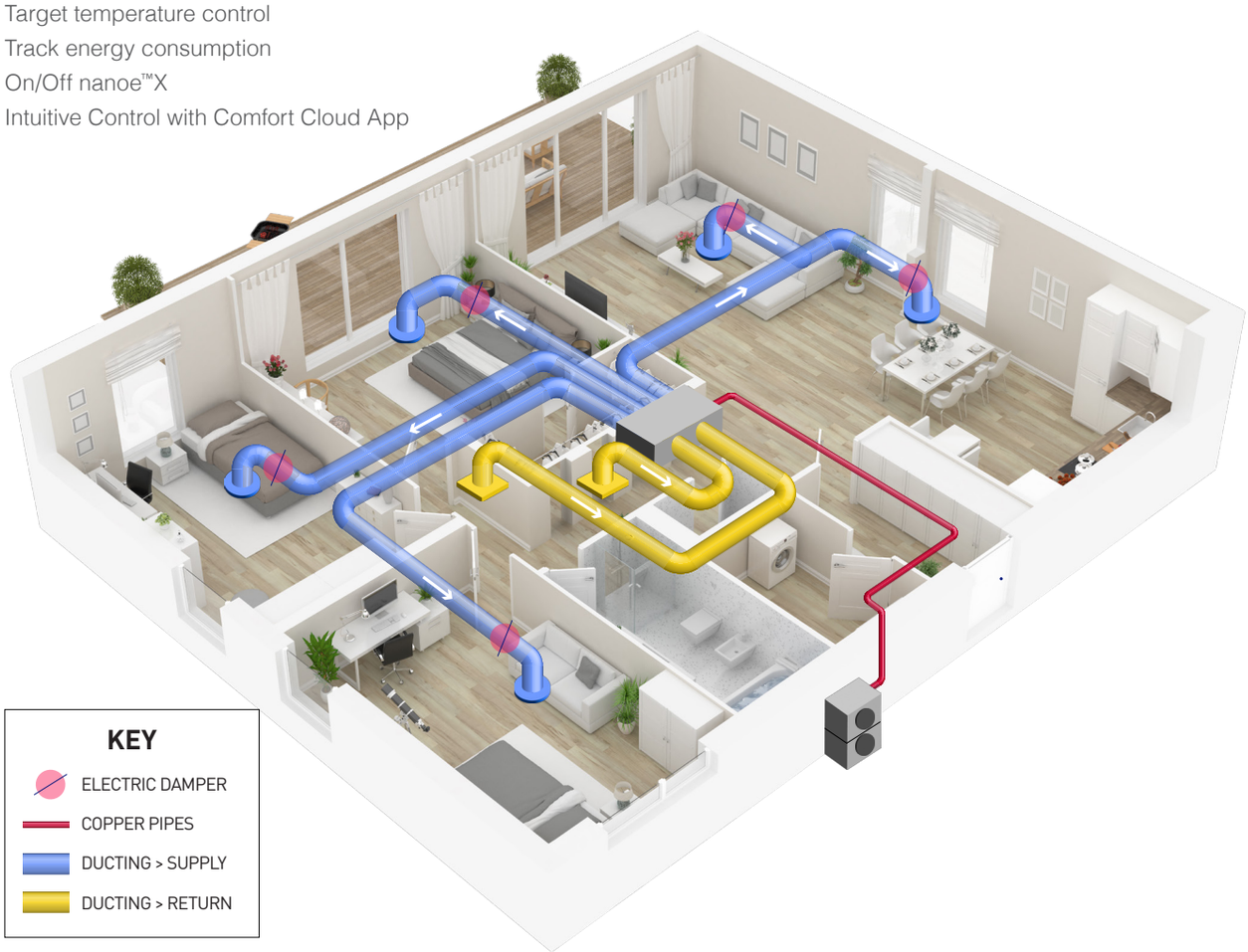
Manage up to 8 Zones with an Advanced Zone Control System

Advantages

- Individual comfort
- Airflow volume control
- Damper Position Control
- Weekly timer
- Target temperature control
- Track energy consumption
- On/Off nanoe™X
- Intuitive Control with Comfort Cloud App

Considerations

- Automation temperature control is limited to sensing Zone (easily switchable to 4 independent sensors or unit return), note sensors are additional cost.



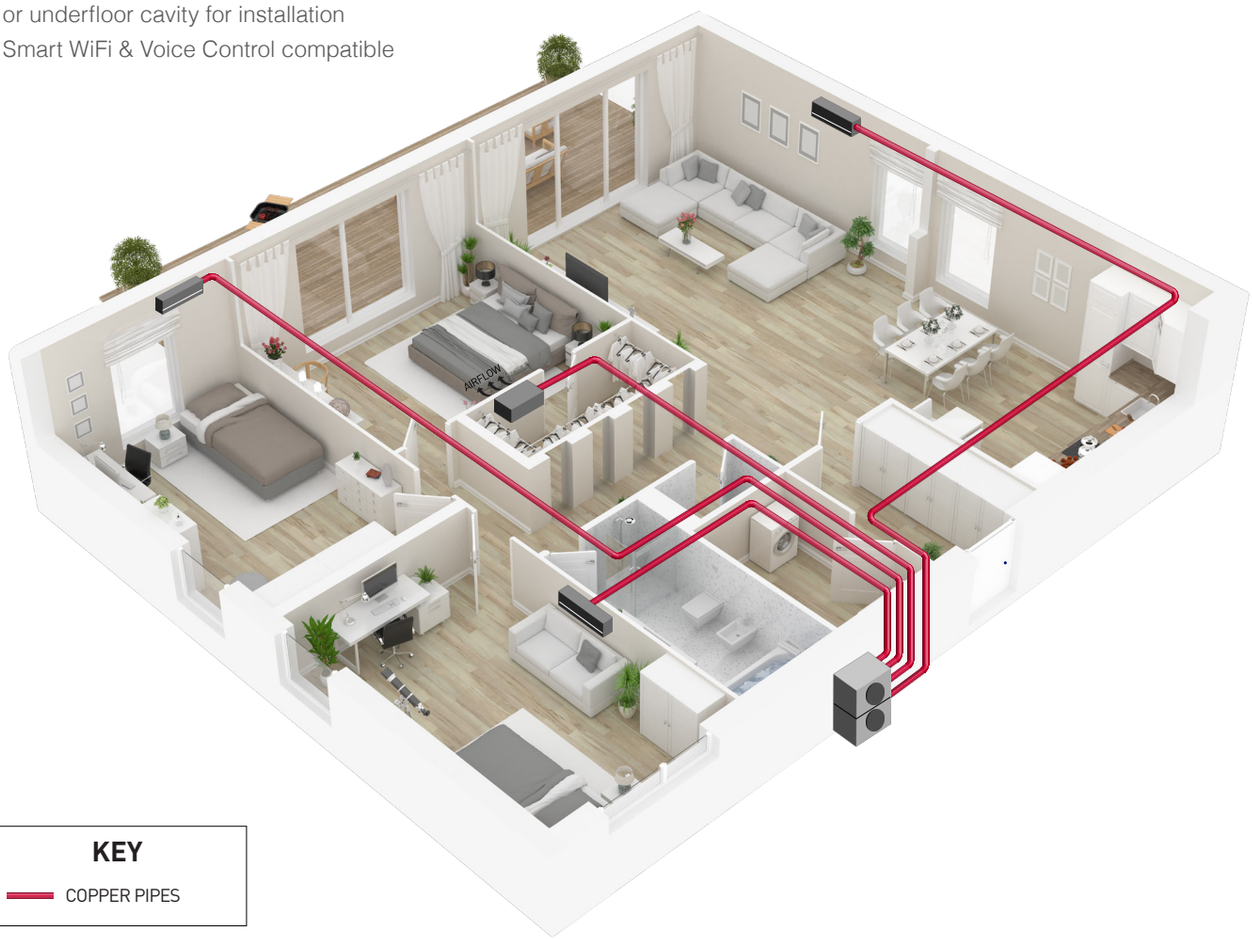
Multi System

Advantages

- Multiple indoor types
- Up to 5 rooms off one outdoor (up to 10kW)
- Individual control of each indoor unit
- Adjustable room temperatures
- Can be installed in most ceilings
- Smaller pipes so less space required in ceiling or underfloor cavity for installation
- Smart WiFi & Voice Control compatible

Considerations

- Deluxe controller not available
- Choose between:
  - Aero – includes built in WiFi and nanoe™X or
  - Developer – standard unit



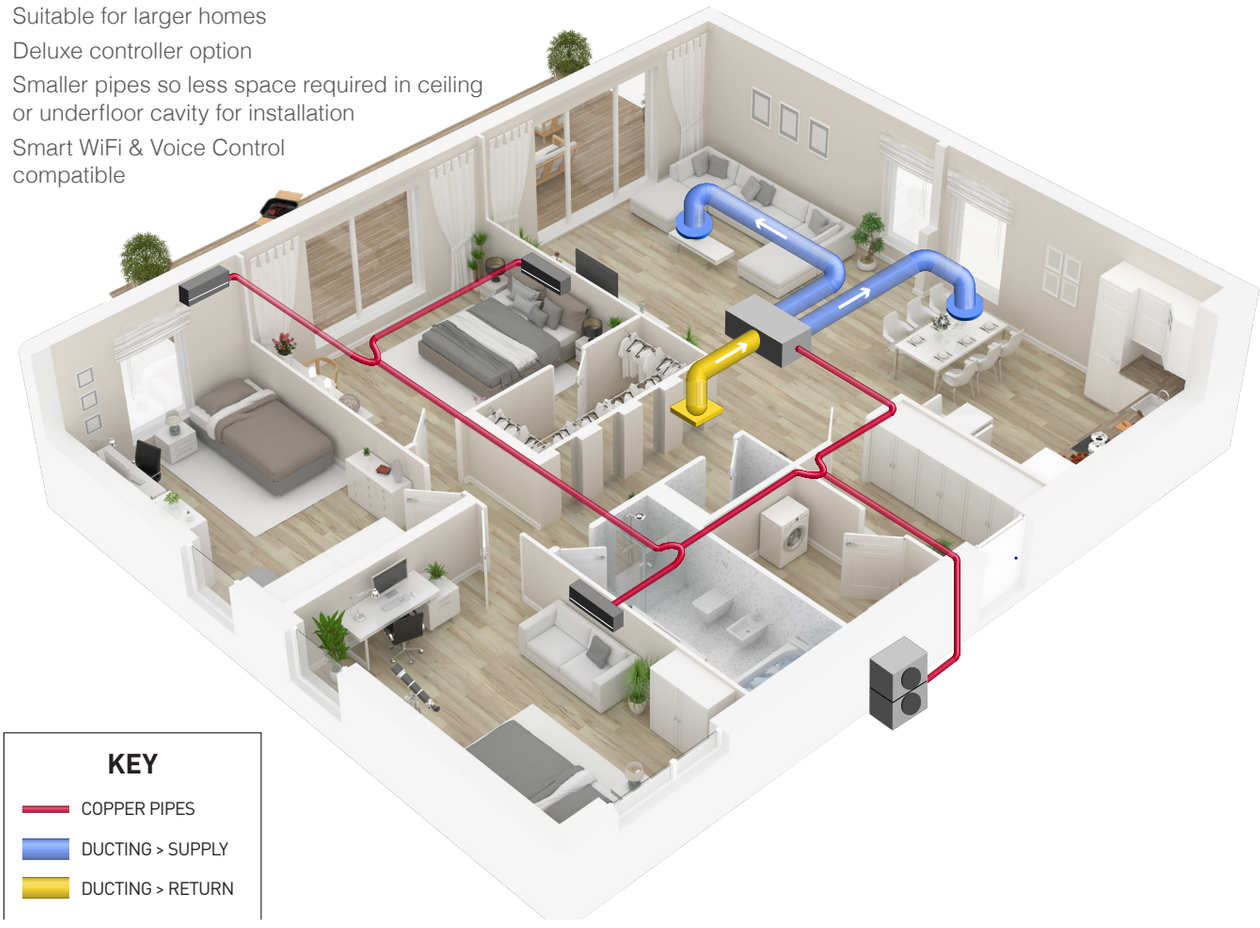
Mini VRF System

Advantages

- Multiple indoor types
- Up to 13 rooms off one outdoor (up to 28kW)
- Entire house off one outdoor
- Individual control of each indoor unit
- Long pipe lengths
- Adjustable room temperatures
- Suitable for larger homes
- Deluxe controller option
- Smaller pipes so less space required in ceiling or underfloor cavity for installation
- Smart WiFi & Voice Control compatible

Considerations

- Higher cost
- Expert design required
- Larger units require 3 phase power



All side discharge R32 outdoor units

Panasonic's new range of outdoor units feature intuitive technology and thoughtful engineering. The two innovative ranges of R32 units, both Deluxe and Compact, feature energy and space saving technologies, permitting installation in even the tightest and most demanding conditions.

R32 REFRIGERANT | DRED ready | INVERTER | MEPS COMPLIANT | Blue Fin Condenser

More Efficient, Less Space

Whilst maintaining its strong power, new R32 outdoor units get smaller. This enables them to fit into tighter spaces. Thus you can install these units in a vast variety of areas.

All side discharge from 6.0kw to 22.4kW

R32 Deluxe


U-71PZH3R5


U-100PZH3R5
U-100PZH3R8*1


U-125PZH3R5
U-125PZH3R8*1


U-140PZH3R5
U-140PZH3R8*1


U-160PZH2R5
U-160PZH2R8*1


U-180PZH2R8*1


U-200PZH2R8*1


U-224PZH2R8*1

Industry-leading Small Body with All 1-fan Models

R32 Compact


U-25PZ3R5


U-36PZ3R5


U-50PZ3R5


U-60PZ3R5


U-71PZ3R5


U-100PZ3R5
U-100PZ3R8*1


U-125PZ3R5
U-125PZ3R8*1


U-140PZ3R5
U-140PZ3R8*1

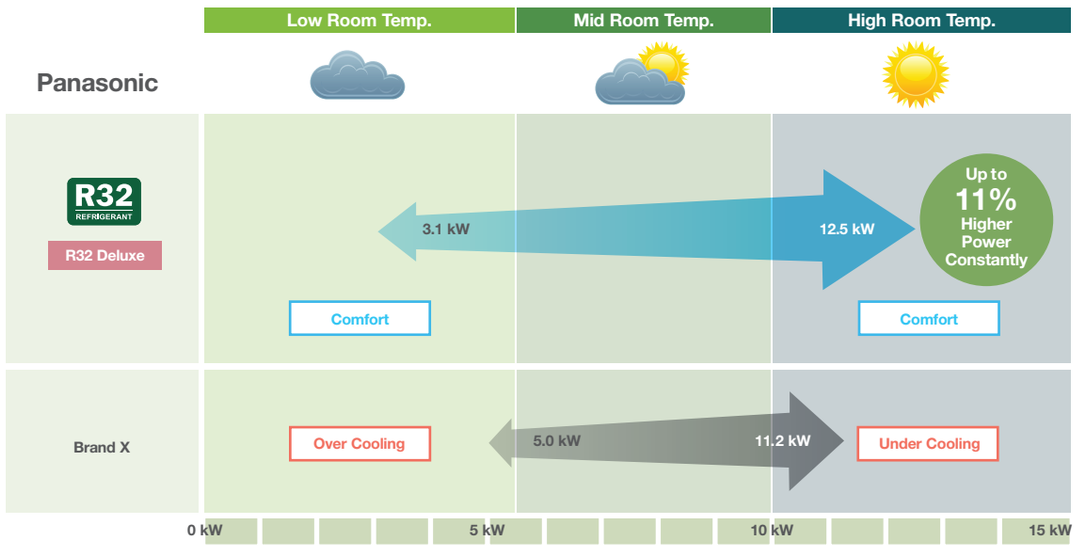
*1 3 phase

Precise Temperature Control

Constant Comfort Air Conditioning

R32 Deluxe

Another advantage of Panasonic Premium Inverter technology includes its ability to ensure precise temperature control and offer a wider power output range to perform in even the most extreme conditions in Australia, ensuring constant comfort.



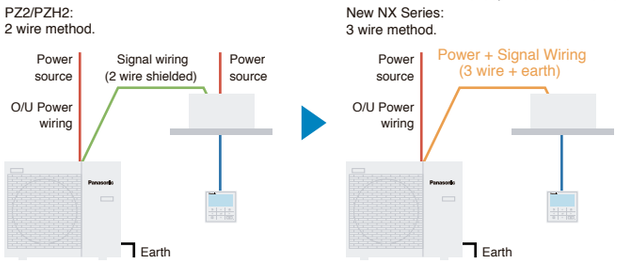
Graph shows each models' 10.0 kW Inverter High Static Pressure Ducted systems performance range during cooling.

NX Series - Refurbishing Made Easy

The new NX series has been developed to use 3-wired communication, making it simple to replace the three wire systems often used in older installations.

R32 Deluxe*2 R32 Compact

*2 except 16.0kw onwards

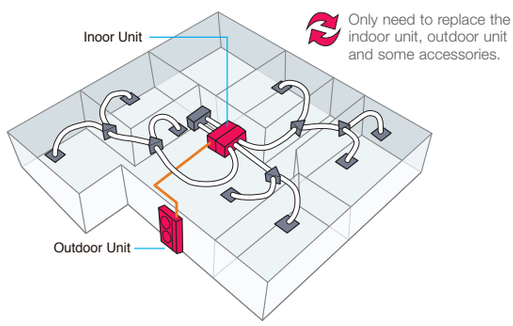


R22 Renewal. Fast, easy to install and cost-effective

Panasonic refrigerant oil is engineered to avoid the damage to units that can happen when oil types commonly found in air-conditioning systems react with each other. As well as preventing damage, this makes replacing R22 systems with the latest R32 model as simple as reusing the existing piping and replacing the indoor and outdoor unit. Switching to the latest R32 system also improves energy efficiency by approximately 30% compared to the R22 system.

Note: Only use existing piping after checking "IN CASE OF REUSING EXISTING REFRIGERANT PIPING" in the installation manual.

R32 Deluxe R32 Compact



Indoor Unit

High Static Pressure

Ducted

High static and large airflow ducted for exceptional installation flexibility.

nanoe™ X as a standard*

*nanoe X Generator Mark 2

ECONAVI ready

Self-diagnosing Function | Automatic Fan Operation | Dry mode | Automatic Restart Function | DC Motor*1

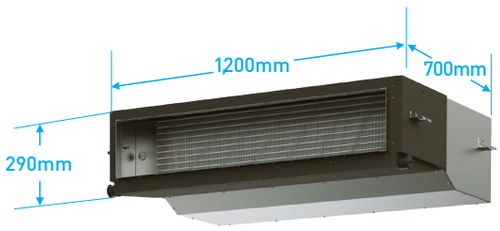
*1 only for 6.0-12.5kw

Technical focus

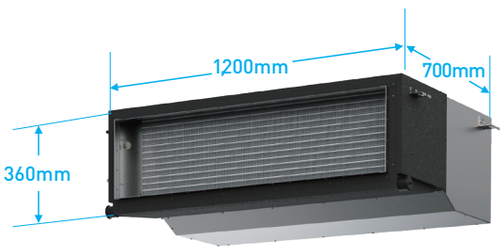
- Design flexibility thanks to high static pressure and large air volume
- Accurate temperature control to reduce cold drafts during operation
- Configurable air temperature control

Compact Body Size

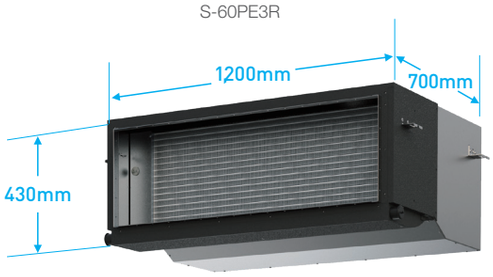
Hidden in the ceiling, ideal when interior decor is an important consideration such as in residences with many rooms and light commercial buildings.



S-60PE3R



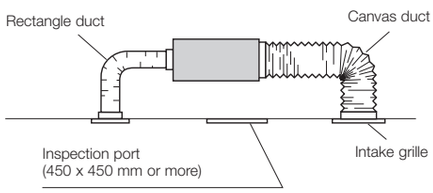
S-71PE3R
S-100PE3R



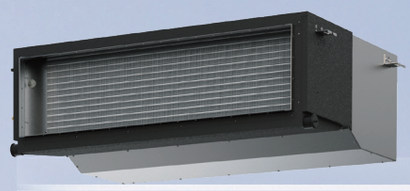
S-125PE3R
S-140PE3R
S-160PE3R

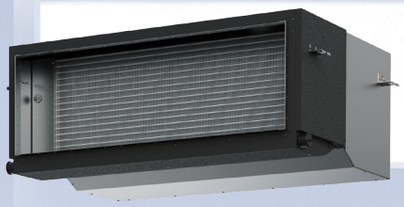
System Example

An inspection port (450 mm x 450 mm or more) is required at the control-box side of the indoor unit body.




S-60PE3R


S-71PE3R
S-100PE3R


S-125PE3R
S-140PE3R
S-160PE3R

HSP Ducted

Product movie


CZ-RTC6
CZ-RTC6BL
CZ-RTC6BLW


CZ-RTC6Z*


CZ-RTC5B


CZ-RTC4

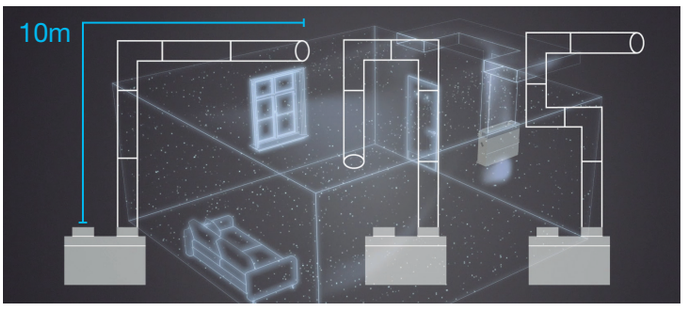

CZ-CAPWFC1


CZ-CENSC1

*Zone Controller for residential use
Note: Product image not to scale.

Clean air. Ducts that deliver

Testing has verified that even with three bends and a total length of up to 10m, the effectiveness of nanoe™ X is maintained right through the duct to deliver clean, fresh air where it's needed.



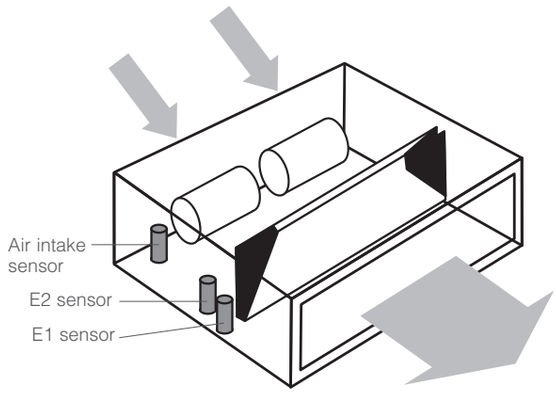
Bend once Bend twice Bend three times

As the experiments demonstrate; even with a total ductwork length of up to 10m, effectiveness of nanoe™ X is maintained.

Note: PF3 and PE3 (16.0kW and below) ranges only.

Cold Drafts Reduced During Heating Operation

- Accurate temperature measurement by E1/E2 sensor to reduce cold drafts during heating operation.



High Static Pressure Duct R32 Deluxe model

R32 REFRIGERANT

Capacity					7.1kW	10.0kW		12.5kW
Model Name			Indoor Unit		S-71PE3R	S-100PE3R	S-100PE3R	S-125PE3R
			Outdoor Unit		U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5
Cooling capacity : Heating capacity				kW	7.1 (2.2 - 9.0) 8.0 (2.0 - 9.0)	10.0 (3.1 - 12.5) 11.2 (3.1 - 14.0)	10.0 (3.1 - 12.5) 11.2 (3.1 - 14.0)	12.5 (3.2 - 14.0) 14.0 (3.2 - 16.0)
				BTU/h	24,200 (7,500 - 30,700) 27,300 (6,800 - 30,700)	34,100 (10,600 - 42,700) 38,200 (10,600 - 47,800)	34,100 (10,600 - 42,700) 38,200 (10,600 - 47,800)	42,700 (10,900 - 47,800) 47,800 (10,900 - 54,600)
EER : COP				W/W	3.48 : 3.88	3.79 : 3.78	3.79 : 3.78	3.57 : 3.80
COP@H2 condition				W/W	2.80	2.77	2.77	2.72
Total power input			Cooling : Heating	kW	2.04 : 2.06	2.64 : 2.96	2.64 : 2.96	3.50 : 3.68
TCSPF : HSPF		Residential	Hot Climate		4.68 : 4.82	5.04 : 5.10	5.04 : 5.10	4.92 : 5.17
			Average Climate		4.11 : 4.22	4.46 : 4.34	4.46 : 4.34	4.49 : 4.40
			Cold Climate		4.19 : 3.79	4.54 : 3.93	4.54 : 3.93	4.60 : 3.90
		Commercial	Hot Climate		5.15 : 4.85	5.55 : 5.15	5.55 : 5.15	5.36 : 5.23
			Average Climate		5.00 : 4.52	5.47 : 4.73	5.47 : 4.73	5.55 : 4.80
			Cold Climate		5.37 : 4.11	5.87 : 4.32	5.87 : 4.32	5.97 : 4.31
Indoor Unit								
Power source				Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
				V	230V | 240V	230V | 240V	230V | 240V	230V | 240V
Current (rated)			Cooling : Heating		–*1	–*1	–*1	–*1
Dimension	H x W x D		Indoor	mm	360 X 1,200 X 700	360 X 1,200 X 700	360 X 1,200 X 700	430 X 1,200 X 700
Net weight			Indoor	kg	36	37	37	41
Air volume (H/M/L)			Cooling : Heating	L/s	501 / 434 / 367 : 501 / 434 / 367	668 / 584 / 484 : 668 / 584 / 484	668 / 584 / 484 : 668 / 584 / 484	835 / 768 / 601 : 835 / 768 / 601
External static pressure				Pa	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)
Sound pressure level (H/M/L)			Cooling : Heating	dB(A)	45 / 44 / 43 : 45 / 44 / 43	48 / 46 / 44 : 48 / 46 / 44	48 / 46 / 44 : 48 / 46 / 44	49 / 47 / 45 : 49 / 47 / 45
Sound power level (H/M/L)			Cooling : Heating	dB	62 / 61 / 60 : 62 / 61 / 60	70 / 68 / 66 : 70 / 68 / 66	70 / 68 / 66 : 70 / 68 / 66	71 / 69 / 67 : 71 / 69 / 67
Number of fan speeds					3	3	3	3
Drain piping				mm	VP-25	VP-25	VP-25	VP-25
Outdoor Unit								
Power source				Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz
				V	230V | 240V	230V | 240V	400V | 415V	230V | 240V
Current (rated)			Cooling : Heating	A	9.85 : 9.95 | 9.55 : 9.65	12.8 : 14.3 | 12.2 : 13.7	4.25 : 4.75 | 4.15 : 4.60	16.7 : 17.6 | 16.0 : 16.8
Dimension			H × W × D	mm	996 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340
Net weight				kg	66	99	99	99
Air volume			Cooling : Heating	L/s	1,018 : 1,002	1,970 : 1,803	1,970 : 1,803	2,087 : 1,870
Sound pressure level (Silent mode)			Cooling : Heating	dB(A)	48 (46) : 50 (48)	52 (50) : 52 (50)	52 (50) : 52 (50)	53 (51) : 53 (51)
Sound power level (Silent mode)			Cooling : Heating	dB	64 (62) : 66 (64)	68 (66) : 68 (66)	68 (66) : 68 (66)	69 (67) : 69 (67)
Piping connections			Liquid / Gas	mm	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length range			min. - max.	m	5 - 50	5 - 85	5 - 85	5 - 85
Elevation difference (OU located lower, OU located higher)				m	15, 30	15, 30	15, 30	15, 30
Maximum chargeless length				m	30	30	30	30
Refrigerant at shipping / Additional gas amount				g	R32 1,950 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)
Operating range			Cooling : Heating	˚C	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24

Specifications of R32 Compact Model

R32 REFRIGERANT

Capacity					6.0kW	7.1kW	10.0kW	
Model Name			Indoor Unit		S-60PE3R	S-71PE3R	S-100PE3R	S-100PE3R
			Outdoor Unit		U-60PZ3R5	U-71PZ3R5	U-100PZ3R5	U-100PZ3R8
Cooling capacity : Heating capacity				kW	6.0 (2.0 - 7.1) 6.0 (1.8 - 7.0)	7.1 (2.6 - 7.7) 7.1 (2.1 - 8.1)	10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)	10.0 (3.0 - 11.5) 10.0 (3.0 - 14.0)
				BTU/h	20,500 (6,800 - 24,200) 20,500 (6,100 - 23,900)	24,200 (8,900 - 26,300) 24,200 (7,200 - 27,600)	34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)	34,100 (10,200 - 39,200) 34,100 (10,200 - 47,800)
EER : COP				W/W	3.26 : 4.08	3.21 : 4.25	3.58 : 4.08	3.58 : 4.08
COP@H2 condition				W/W	3.00	3.11	2.88	2.88
Total power input			Cooling : Heating	kW	1.84 : 1.47	2.21 : 1.67	2.79 : 2.45	2.79 : 2.45
TCSPF : HSPF		Residential	Hot Climate		3.98 : 3.95	3.96 : 4.05	4.64 : 3.95	4.64 : 3.95
			Average Climate		3.56 : 3.88	3.59 : 4.00	4.17 : 3.81	4.17 : 3.81
			Cold Climate		3.58 : 3.59	3.63 : 3.70	4.23 : 3.55	4.23 : 3.55
		Commercial	Hot Climate		4.25 : 3.83	4.22 : 3.91	4.99 : 3.90	4.99 : 3.90
			Average Climate		4.16 : 3.74	4.19 : 3.83	4.98 : 3.80	4.98 : 3.80
			Cold Climate		4.38 : 3.58	4.41 : 3.67	5.28 : 3.61	5.28 : 3.61
Indoor Unit								
Power source				Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
				V	230V | 240V	230V | 240V	230V | 240V	230V | 240V
Dimensions	H × W × D		Indoor	mm	290 x 1,200 x 700	360 x 1,200 x 700	360 x 1,200 x 700	360 x 1,200 x 700
Net weight			Indoor / Panel	kg	31	36	37	37
Air volume (H/M/L)			Cooling : Heating	L/s	367 / 334 / 267 : 367 / 334 / 267	501 / 434 / 367 : 501 / 434 / 367	668 / 584 / 484 : 668 / 584 / 484	668 / 584 / 484 : 668 / 584 / 484
External static pressure				Pa	70 (10 - 150)	100 (10 - 150)	100 (10 - 150)	100 (10 - 150)
Sound pressure level (H/M/L)			Cooling : Heating	dB(A)	43 / 41 / 40 : 43 / 41 / 40	45 / 44 / 43 : 45 / 44 / 43	48 / 46 / 44 : 48 / 46 / 44	48 / 46 / 44 : 48 / 46 / 44
Sound power level (H/M/L)			Cooling : Heating	dB	60 / 58 / 57 : 60 / 58 / 57	62 / 61 / 60 : 62 / 61 / 60	70 / 68 / 66 : 70 / 68 / 66	70 / 68 / 66 : 70 / 68 / 66
Number of fan speeds					3	3	3	3
Drain piping				mm	VP-25	VP-25	VP-25	VP-25
Outdoor Unit								
Power source				Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz
				V	230V | 240V	230V | 240V	230V | 240V	400V | 415V
Current (rated)			Cooling : Heating	A	8.50 : 6.85 | 8.15 : 6.60	10.3 : 8.00 | 9.90 : 7.65	13.9 : 12.4 | 13.4 : 11.9	4.45 : 3.90 | 4.25 : 3.70
Dimensions			H × W × D	mm	695 x 875 x 320	695 x 875 x 320	996 x 980 x 370	996 x 980 x 370
Net weight				kg	43	50	83	83
Air volume			Cooling : Heating	L/s	701 : 701	746 : 766	1,219 : 1,219	1,219 : 1,219
Sound pressure level (Silent mode)			Cooling : Heating	dB(A)	48 (46) : 49 (47)	49 (47) : 49 (47)	52 (50) : 52 (50)	52 (50) : 52 (50)
Sound power level (Silent mode)			Cooling : Heating	dB	66 (64) : 67 (65)	67 (65) : 67 (65)	70 (68) : 70 (68)	70 (68) : 70 (68)
Piping connections			Liquid / Gas	mm	Ø6.35 / Ø12.7*3	Ø6.35 / Ø15.88*4	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length range			min. - max.	m	3 - 40	3 - 40	5 - 50	5 - 50
Elevation difference (OU located lower, OU located higher)				m	15, 30	15, 30	15, 30	15, 30
Maximum chargeless length				m	30	30	30	30
Refrigerant at shipping, Additional gas amount				g	R32 1,130 / 15 (g/m)	R32 1,320 / 17 (g/m)	R32 2,400 / 45 (g/m)	R32 2,400 / 45 (g/m)
Operating range			Cooling : Heating	˚C	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24

	14.0kW			16.0kW	
	S-125PE3R	S-140PE3R	S-140PE3R	S-160PE3R	S-160PE3R
	U-125PZH3R8	U-140PZH3R5	U-140PZH3R8	U-160PZH2R5	U-160PZH2R8
	12.5 (3.2 - 14.0) 14.0 (3.2 - 16.0)	14.0 (3.3 - 16.0) 16.0 (3.3 - 18.0)	14.0 (3.3 - 16.0) 16.0 (3.3 - 18.0)	16.0 (5.5 - 18.0) 18.0 (5.5 - 20.0)	16.0 (5.5 - 18.0) 18.0 (5.5 - 20.0)
	42,700 (10,900 - 47,800) 47,800 (10,900 - 54,600)	47,800 (11,300 - 54,600) 54,600 (11,300 - 61,400)	47,800 (11,300 - 54,600) 54,600 (11,300 - 61,400)	54,600 (18,800 - 61,400) 61,400 (18,800 - 68,200)	54,600 (18,800 - 61,400) 61,400 (18,800 - 68,200)
	3.57 : 3.80	3.26 : 3.68	3.26 : 3.68	3.29 : 3.53	3.29 : 3.53
	2.72	2.65	2.65	2.81	2.81
	3.50 : 3.68	4.30 : 4.35	4.30 : 4.35	4.86 : 5.10	4.86 : 5.10
	4.92 : 5.17	4.29 : 4.69	4.29 : 4.69	4.21 : 4.61	4.21 : 4.61
	4.49 : 4.40	3.92 : 4.07	3.92 : 4.07	3.80 : 3.99	3.80 : 3.99
	4.60 : 3.90	4.03 : 3.62	4.03 : 3.62	3.85 : 3.55	3.85 : 3.55
	5.36 : 5.23	4.63 : 4.74	4.63 : 4.74	4.53 : 4.63	4.53 : 4.63
	5.55 : 4.80	4.60 : 4.39	4.60 : 4.39	4.54 : 4.28	4.54 : 4.28
	5.97 : 4.31	4.91 : 3.96	4.91 : 3.96	4.80 : 3.88	4.80 : 3.88
	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	230V | 240V	230V | 240V	230V | 240V	230V | 240V	230V | 240V
	–*1	–*1	–*1	2.41 : 2.41 | 2.38 : 2.38	2.41 : 2.41 | 2.38 : 2.38
	430 X 1,200 X 700	430 X 1,200 X 700	430 X 1,200 X 700	430 X 1,200 X 700	430 X 1,200 X 700
	41	50	50	50	50
	835 / 768 / 601 : 835 / 768 / 601	1,002 / 835 / 701 : 1,002 / 835 / 701	1,002 / 835 / 701 : 1,002 / 835 / 701	1,002 / 835 / 701 : 1,002 / 835 / 701	1,002 / 835 / 701 : 1,002 / 835 / 701
	100 (10 - 150)	100 (50 - 150*2)	100 (50 - 150*2)	100 (50 - 150*2)	100 (50 - 150*2)
	49 / 47 / 45 : 49 / 47 / 45	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47
	71 / 69 / 67 : 71 / 69 / 67	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69
	3	3	3	3	3
	VP-25	VP-25	VP-25	VP-25	VP-25
	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz
	400V | 415V	230V | 240V	400V | 415V	230V | 240V	400V | 415V
	5.60 : 5.90 | 5.40 : 5.70	19.7 : 19.9 | 18.9 : 19.1	6.60 : 6.70 | 6.35 : 6.45	20.0 : 21.1 | 19.1 : 20.1	6.95 : 7.30 | 6.65 : 7.00
	1,416 × 940 × 340	1,416 x 940 x 340	1,416 × 940 × 340	1,500 x 980 x 370	1,500 x 980 x 370
	99	99	99	117	115
	2,087 : 1,870	2,154 : 1,937	2,154 : 1,937	2,738 : 2,738	2,738 : 2,738
	53 (51) : 53 (51)	54 (52) : 54 (52)	54 (52) : 54 (52)	58 (56) : 60 (58)	58 (56) : 60 (58)
	69 (67) : 69 (67)	70 (68) : 70 (68)	70 (68) : 70 (68)	76 (74) : 78 (76)	76 (74) : 78 (76)
	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø19.05	Ø9.52 / Ø19.05
	5 - 85	5 - 85	5 - 85	5 - 75	5 - 75
	15, 30	15, 30	15, 30	30, 30	30, 30
	30	30	30	30	30
	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,200 / 45 (g/m)	R32 3,200 / 45 (g/m)
	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 46 : -20 to 24	-15 to 46 : -20 to 24

	12.5kW		14.0kW	
	S-125PE3R	S-125PE3R	S-140PE3R	S-140PE3R
	U-125PZ3R5	U-125PZ3R8	U-140PZ3R5	U-140PZ3R8
	12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)	12.5 (3.2 - 13.5) 12.5 (3.3 - 15.0)	14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)	14.0 (3.3 - 15.0) 14.0 (3.4 - 16.0)
	42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)	42,700 (10,900 - 46,100) 42,700 (11,300 - 51,200)	47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)	47,800 (11,300 - 51,200) 47,800 (11,600 - 54,600)
	3.55 : 4.03	3.55 : 4.03	3.25 : 3.76	3.25 : 3.76
	2.56	2.56	2.68	2.68
	3.52 : 3.10	3.52 : 3.10	4.31 : 3.72	4.31 : 3.72
	4.60 : 3.93	4.60 : 3.93	4.27 : 3.79	4.27 : 3.79
	4.16 : 3.79	4.16 : 3.79	3.92 : 3.64	3.92 : 3.64
	4.26 : 3.47	4.26 : 3.47	4.03 : 3.34	4.03 : 3.34
	4.96 : 3.84	4.96 : 3.84	4.56 : 3.70	4.56 : 3.70
	4.88 : 3.73	4.88 : 3.73	4.53 : 3.58	4.53 : 3.58
	5.20 : 3.52	5.20 : 3.52	4.81 : 3.40	4.81 : 3.40
	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	230V | 240V	230V | 240V	230V | 240V	230V | 240V
	430 x 1,200 x 700	430 x 1,200 x 700	430 x 1,200 x 700	430 x 1,200 x 700
	41	41	50	50
	835 / 768 / 601 : 835 / 768 / 601	835 / 768 / 601 : 835 / 768 / 601	1,002 / 835 / 701 : 1,002 / 835 / 701	1,002 / 835 / 701 : 1,002 / 835 / 701
	100 (10 - 150)	100 (10 - 150)	100 (50 - 150*2)	100 (50 - 150*2)
	49 / 47 / 45 : 49 / 47 / 45	49 / 47 / 45 : 49 / 47 / 45	51 / 49 / 47 : 51 / 49 / 47	51 / 49 / 47 : 51 / 49 / 47
	71 / 69 / 67 : 71 / 69 / 67	71 / 69 / 67 : 71 / 69 / 67	73 / 71 / 69 : 73 / 71 / 69	73 / 71 / 69 : 73 / 71 / 69
	3	3	3	3
	VP-25	VP-25	VP-25	VP-25
	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz
	230V | 240V	400V | 415V	230V | 240V	400V | 415V
	17.0 : 15.0 | 16.3 : 14.4	5.40 : 4.80 | 5.20 : 4.55	19.7 : 17.0 | 18.9 : 16.3	6.60 : 5.70 | 6.40 : 5.50
	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
	87	87	87	87
	1,369 : 1,336	1,369 : 1,336	1,402 : 1,369	1,402 : 1,369
	55 (53) : 55 (53)	55 (53) : 55 (53)	56 (54) : 56 (54)	56 (54) : 56 (54)
	73 (71) : 73 (71)	73 (71) : 73 (71)	74 (72) : 74 (72)	74 (72) : 74 (72)
	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
	5 - 50	5 - 50	5 - 50	5 - 50
	15, 30	15, 30	15, 30	15, 30
	30	30	30	30
	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)
	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24

Notes:
- In the case of nanoe X OFF
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m^3/min.) shall be multiplied by 16.7 and rounded down the decimal point.
- AEER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.

*1 Outdoor power supply.
*2 Not adjustable, refer to "Indoor Fan Performance" section of technical data.
*3 For pipinng connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.
*4 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

Indoor Unit

High Static Pressure

Adaptive Ducted

Control all aspects of your environment with exceptional performance and quiet operation. Vertical installation flexibility offers the perfect solution when ceiling heights are restricted.

nanoe™ X as a standard*

*nanoe X Generator Mark 2

ECONAVI ready

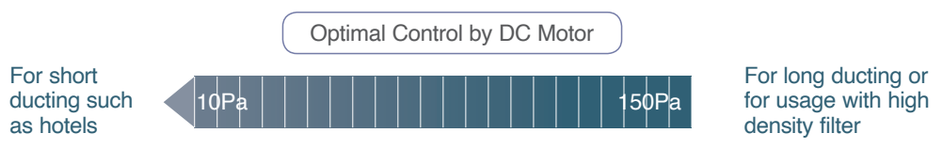
Self-diagnosing Function | Automatic Fan Operation | Dry mode | Automatic Restart Function | Built-in Drain Pump | DC Motor

Technical focus

- Space saving 250mm height
- DC fan motor for variable external static pressure control
- Easy to install and maintain
- Accurate temperature control to reduce cold drafts during operation
- Configurable air temperature control

Variable external static pressure control

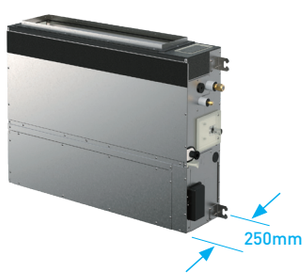
Optimal airflow set-up is possible for different ducting design and conditions.



Note: Please refer to technical documents for detail.

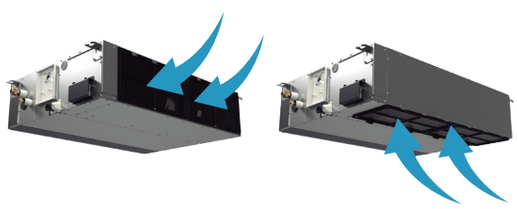
Powerful 150Pa external static pressure in an industry-leading vertical installation design

Delivering static pressure up to 150Pa external static pressure, the industry-leading horizontal/ vertical design offers the power you need in a compact form factor.



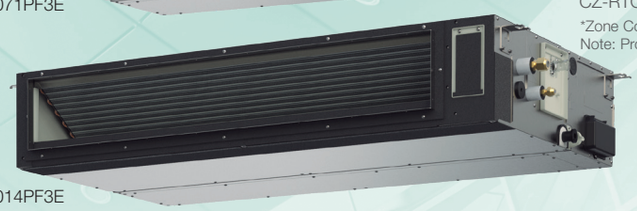
Selectable air inlet position

A removable panel allows air inlet position to be adjusted to enable rear or bottom entry, depending on ductwork installation.




S-3650PF3E


S-6071PF3E


S-1014PF3E

CZ-RTC6
CZ-RTC6BL
CZ-RTC6BLW

CZ-RTC6Z*


CZ-RTC5B


CZ-RTC4


CZ-CAPWFC1


CZ-CENSC1

*Zone Controller for residential use
Note: Product image not to scale.

MSP Ducted

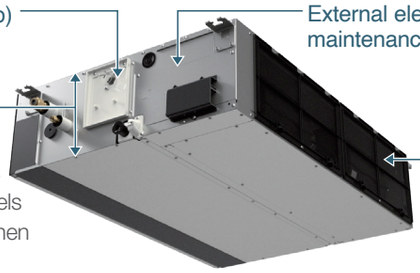
Product movie

Built-in Drain pump (DC motor pump)

External electrical equipment box makes maintenance easy

Space saving height of 250mm for all models

250mm standardised height provides easy and uniform installation for models with different capacities, especially when ceiling heights are restricted.

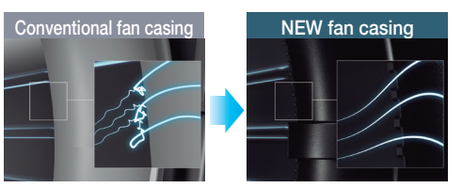


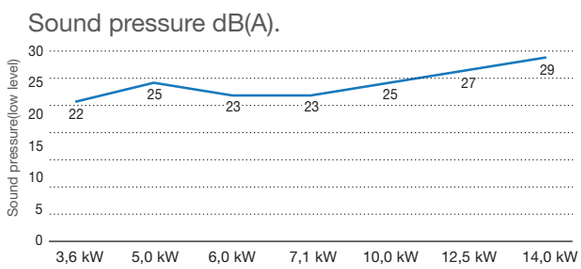
Built-in filter

Top-class noise level performance

A proprietary improved casing design realises an even smoother airflow and low noise (22dB - 29dB) operation while effortlessly maintaining enough pressure*2 to deliver quiet comfort ideal for hotel and guest rooms.

*2 Operating at 50Pa static pressure in Low fan mode.



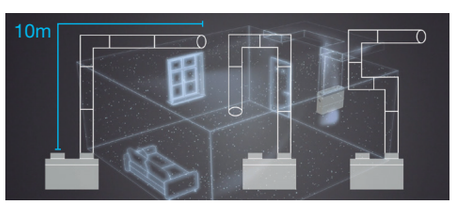


Note: Silent operation in full rated capacity.

Superior air quality

The new ducted models are equipped with nanoe™ X as standard, an unique air quality improvement technology producing twice the amount of hydroxyl radicals compared to previous generations. Combined with the strong static pressure this ensures pristine nanoe™ X air travels unaffected even through multiple duct shapes at lengths of 10m, as well as making them ideal for use in larger spaces.

Note: PF3 and PE3 (16.0kW and below) ranges only.



Based on in-house test result, even with a total ductwork length up to 10m, effectiveness of nanoe™ X is maintained.

Indoor Unit: **High Static Pressure** Adaptive Ducted

Specifications of R32 Deluxe Model R32 REFRIGERANT

Capacity				6.8kW	9.5kW		12.1kW
Model Name		Indoor Unit		S-6071PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
		Outdoor Unit		U-71PZH3R5	U-100PZH3R5	U-100PZH3R8	U-125PZH3R5
Cooling capacity : Heating capacity			kW	6.8 (2.2 - 7.8) 7.5 (2.0 - 9.0)	9.5 (3.1 - 11.4) 10.8 (3.1 - 13.5)	9.5 (3.1 - 11.4) 10.8 (3.1 - 13.5)	12.1 (3.2 - 13.6) 13.5 (3.2 - 15.4)
			BTU/h	23,200 (7,500 - 26,600) 25,600 (6,800 - 30,700)	32,400 (10,600 - 38,900) 36,800 (10,600 - 46,100)	32,400 (10,600 - 38,900) 36,800 (10,600 - 46,100)	41,300 (10,900 - 46,400) 46,100 (10,900 - 52,500)
EER : COP			W/W	3.74 : 4.03	4.17 : 3.97	4.17 : 3.97	3.58 : 3.46
COP@H2 condition			W/W	2.96	2.90	2.90	2.60
Total power input		Cooling : Heating	kW	1.82 : 1.86	2.28 : 2.72	2.28 : 2.72	3.38 : 3.90
TCSPF : HSPF	Residential	Hot Climate		5.40 : 5.49	5.93 : 5.57	5.93 : 5.57	5.37 : 5.32
		Average Climate		4.75 : 4.67	5.21 : 4.70	5.21 : 4.70	4.86 : 4.32
		Cold Climate		4.82 : 4.13	5.29 : 4.21	5.29 : 4.21	5.03 : 3.79
	Commercial	Hot Climate		6.02 : 5.54	6.59 : 5.61	6.59 : 5.61	5.95 : 5.44
		Average Climate		6.25 : 5.08	6.75 : 5.13	6.75 : 5.13	6.30 : 4.87
		Cold Climate		6.76 : 4.56	7.28 : 4.65	7.28 : 4.65	6.88 : 4.31
Indoor Unit							
Power source			Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
			V	230V | 240V	230V | 240V	230V | 240V	230V | 240V
Dimension	H x W x D	Indoor	mm	250 x 1,000 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730
Net weight		Indoor	kg	30	39	39	39
Air volume (H/M/L)		Cooling : Heating	L/s	350 / 317 / 250 : 350 / 317 / 250	534 / 434 / 350 : 534 / 434 / 350	534 / 434 / 350 : 534 / 434 / 350	567 / 484 / 384 : 567 / 484 / 384
External static pressure			Pa	30 (10 - 150)	40 (10 - 150)	40 (10 - 150)	50 (10 - 150)
Sound pressure level (H/M/L)		Cooling : Heating	dB(A)	30 / 26 / 23 : 30 / 26 / 23	33 / 29 / 25 : 33 / 29 / 25	33 / 29 / 25 : 33 / 29 / 25	35 / 31 / 27 : 35 / 31 / 27
Sound power level (H/M/L)		Cooling : Heating	dB	53 / 49 / 46 : 53 / 49 / 46	56 / 52 / 48 : 56 / 52 / 48	56 / 52 / 48 : 56 / 52 / 48	58 / 54 / 50 : 58 / 54 / 50
Number of fan speeds				5	5	5	5
Drain piping			mm	VP-20	VP-20	VP-20	VP-20
Outdoor Unit							
Power source			Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz
			V	230V | 240V	230V | 240V	400V | 415V	230V | 240V
Current (rated)		Cooling : Heating	A	8.60 : 8.60 | 8.25 : 8.35	10.8 : 12.7 | 10.3 : 12.2	3.60 : 4.30 | 3.50 : 4.15	15.8 : 18.2 | 15.1 : 17.5
Dimensions		H × W × D	mm	996 x 940 x 340	1,416 × 940 × 340	1,416 × 940 × 340	1,416 × 940 × 340
Net weight			kg	66	99	99	99
Air volume		Cooling : Heating	L/s	1,018 : 1,002	1,970 : 1,803	1,970 : 1,803	2,087 : 1,870
Sound pressure level (Silent mode)		Cooling : Heating	dB(A)	48 (46) : 50 (48)	52 (50) : 52 (50)	52 (50) : 52 (50)	53 (51) : 53 (51)
Sound power level (Silent mode)		Cooling : Heating	dB	64 (62) : 66 (64)	68 (66) : 68 (66)	68 (66) : 68 (66)	69 (67) : 69 (67)
Piping connections		Liquid / Gas	mm	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
Pipe length range		min. - max.	m	5 - 50	5 - 85	5 - 85	5 - 85
Elevation difference (OU located lower, OU located higher)			m	15, 30	15, 30	15, 30	15, 30
Maximum chargeless length			m	30	30	30	30
Refrigerant at shipping / Additional gas amount			g	R32 1,950 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)
Operation ranges		Cooling : Heating	℃	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24

Specifications of R32 Compact Model R32 REFRIGERANT

Capacity				3.4kW	4.6kW	5.7kW	6.8kW
Model Name		Indoor Unit		S-3650PF3E	S-3650PF3E	S-6071PF3E	S-6071PF3E
		Outdoor Unit		U-36PZ3R5	U-50PZ3R5	U-60PZ3R5	U-71PZ3R5
Cooling capacity : Heating capacity			kW	3.4 (1.3 - 4.0) 3.6 (1.3 - 4.6)	4.6 (1.5 - 5.3) 5.0 (1.5 - 5.9)	5.7 (2.0 - 6.3) 5.7 (1.8 - 7.0)	6.8 (2.6 - 7.7) 6.8 (2.1 - 8.1)
			BTU/h	11,600 (4,400 - 13,600) 12,300 (4,400 - 15,700)	15,700 (5,100 - 18,100) 17,100 (5,100 - 20,100)	19,400 (6,800 - 21,500) 19,400 (6,100 - 23,900)	23,200 (8,900 - 26,300) 23,200 (7,200 - 27,600)
EER : COP			W/W	3.78 : 4.29	3.19 : 3.62	3.54 : 4.04	3.18 : 4.00
COP@H2 condition			W/W	3.09	3.33	3.09	2.84
Total power input		Cooling : Heating	kW	0.900 : 0.840	1.44 : 1.38	1.61 : 1.41	2.14 : 1.70
TCSPF : HSPF	Residential	Hot Climate		5.11 : 5.05	4.67 : 5.09	5.19 : 5.76	4.57 : 5.26
		Average Climate		4.36 : 4.57	4.23 : 4.31	4.67 : 4.83	4.23 : 4.42
		Cold Climate		4.36 : 4.06	4.29 : 3.79	4.82 : 4.13	4.34 : 3.82
	Commercial	Hot Climate		5.77 : 5.01	5.22 : 5.13	5.69 : 5.77	5.01 : 5.33
		Average Climate		5.84 : 4.72	5.96 : 4.69	6.00 : 5.23	5.53 : 4.86
		Cold Climate		6.41 : 4.31	6.69 : 4.19	6.54 : 4.60	6.11 : 4.27
Indoor Unit							
Power source			Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
			V	230V | 240V	230V | 240V	230V | 240V	230V | 240V
Dimensions	H × W × D	Indoor	mm	250 x 800 x 730	250 x 800 x 730	250 x 1,000 x 730	250 x 1,000 x 730
Net weight		Indoor	kg	25	25	30	30
Air volume (H/M/L)		Cooling : Heating	L/s	233 / 217 / 167 : 233 / 217 / 167	267 / 250 / 200 : 267 / 250 / 200	350 / 317 / 250 : 350 / 317 / 250	350 / 317 / 250 : 350 / 317 / 250
External static pressure			Pa	30 (10 - 150)	30 (10 - 150)	30 (10 - 150)	30 (10 - 150)
Sound pressure level (H/M/L)		Cooling : Heating	dB(A)	30 / 27 / 22 : 30 / 27 / 22	34 / 30 / 25 : 34 / 30 / 25	30 / 26 / 23 : 30 / 26 / 23	30 / 26 / 23 : 30 / 26 / 23
Sound power level (H/M/L)		Cooling : Heating	dB	53 / 50 / 45 : 53 / 50 / 45	57 / 53 / 48 : 57 / 53 / 48	53 / 49 / 46 : 53 / 49 / 46	53 / 49 / 46 : 53 / 49 / 46
Number of fan speeds				5	5	5	5
Drain piping			mm	VP-20	VP-20	VP-20	VP-20
Outdoor Unit							
Power source			Phase/Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
			V	230V | 240V	230V | 240V	230V | 240V	230V | 240V
Current (rated)		Cooling : Heating	A	4.00 : 3.80 | 3.85 : 3.55	6.40 : 6.20 | 6.10 : 5.95	7.15 : 6.25 | 6.85 : 6.00	9.50 : 7.55 | 9.10 : 7.25
Dimensions		H × W × D	mm	619 x 824 x 299	619 x 824 x 299	695 x 875 x 320	695 x 875 x 320
Net weight			kg	31	35	43	50
Air volume		Cooling : Heating	L/s	561 : 567	546 : 532	701 : 701	746 : 766
Sound pressure level (Silent mode)		Cooling : Heating	dB(A)	48 (46) : 49 (47)	48 (46) : 49 (47)	48 (46) : 49 (47)	49 (47) : 49 (47)
Sound power level (Silent mode)		Cooling : Heating	dB	66 (64) : 67 (65)	66 (64) : 67 (65)	66 (64) : 67 (65)	67 (65) : 67 (65)
Piping connections		Liquid / Gas	mm	Ø6.35 / Ø12.7	Ø6.35 / Ø12.7	Ø6.35 / Ø12.7*1	Ø6.35 / Ø15.88*2
Pipe length range		min. - max.	m	3 - 20	3 - 30	3 - 40	3 - 40
Elevation difference (OU located lower, OU located higher)			m	15, 15	15, 15	15, 30	15, 30
Maximum chargeless length			m	7.5	10	30	30
Refrigerant at shipping, Additional gas amount			g	R32 870 / 10 (g/m)	R32 1,140 / 15 (g/m)	R32 1,130 / 15 (g/m)	R32 1,320 / 17 (g/m)
Operating range		Cooling : Heating	℃	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24

	13.4kW		
	S-1014PF3E	S-1014PF3E	S-1014PF3E
	U-125PZH3R8	U-140PZH3R5	U-140PZH3R8
	12.1 (3.2 - 13.6) 13.5 (3.2 - 15.4)	13.4 (3.3 - 15.3) 15.5 (3.3 - 17.4)	13.4 (3.3 - 15.3) 15.5 (3.3 - 17.4)
	41,300 (10,900 - 46,400) 46,100 (10,900 - 52,500)	45,700 (11,300 - 52,200) 52,900 (11,300 - 59,400)	45,700 (11,300 - 52,200) 52,900 (11,300 - 59,400)
	3.58 : 3.46	3.38 : 3.44	3.38 : 3.44
	2.60	2.68	2.68
	3.38 : 3.90	3.96 : 4.51	3.96 : 4.51
	5.37 : 5.32	4.98 : 4.97	4.98 : 4.97
	4.86 : 4.32	4.55 : 4.15	4.55 : 4.15
	5.03 : 3.79	4.72 : 3.65	4.72 : 3.65
	5.95 : 5.44	5.49 : 5.05	5.49 : 5.05
	6.30 : 4.87	5.74 : 4.58	5.74 : 4.58
	6.88 : 4.31	6.25 : 4.08	6.25 : 4.08
	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	230V | 240V	230V | 240V	230V | 240V
	250 X 1,400 X 730	250 X 1,400 X 730	250 X 1,400 X 730
	39	39	39
	567 / 484 / 384 : 567 / 484 / 384	601 / 534 / 417 : 601 / 534 / 417	601 / 534 / 417 : 601 / 534 / 417
	50 (10 - 150)	50 (10 - 150)	50 (10 - 150)
	35 / 31 / 27 : 35 / 31 / 27	39 / 35 / 29 : 39 / 35 / 29	39 / 35 / 29 : 39 / 35 / 29
	58 / 54 / 50 : 58 / 54 / 50	62 / 58 / 52 : 62 / 58 / 52	62 / 58 / 52 : 62 / 58 / 52
	5	5	5
	VP-20	VP-20	VP-20
	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz
	400V | 415V	230V | 240V	400V | 415V
	5.30 : 6.10 | 5.15 : 5.90	18.7 : 21.1 | 17.9 : 20.2	6.30 : 7.15 | 6.05 : 6.90
	1,416 x 940 x 340	1,416 x 940 x 340	1,416 x 940 x 340
	99	99	99
	2,087 : 1,870	2,154 : 1,937	2,154 : 1,937
	53 (51) : 53 (51)	54 (52) : 54 (52)	54 (52) : 54 (52)
	69 (67) : 69 (67)	70 (68) : 70 (68)	70 (68) : 70 (68)
	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
	5 - 85	5 - 85	5 - 85
	15, 30	15, 30	15, 30
	30	30	30
	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)	R32 3,050 / 45 (g/m)
	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24	-15 to 48 : -20 to 24

Notes:
- In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)
- In the case of nanoe X OFF
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m^3/min.) shall be multiplied by 16.7 and rounded down the decimal point.
- AEER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode.

*1 For pipinng connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

*2 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

	9.5kW		12.1kW		13.4kW	
	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E	S-1014PF3E
	U-100PZ3R5	U-100PZ3R8	U-125PZ3R5	U-125PZ3R8	U-140PZ3R5	U-140PZ3R8
	9.5 (3.0 - 11.4) 9.5 (3.0 - 13.5)	9.5 (3.0 - 11.4) 9.5 (3.0 - 13.5)	12.1 (3.2 - 13.5) 12.1 (3.3 - 15.0)	12.1 (3.2 - 13.5) 12.1 (3.3 - 15.0)	13.4 (3.3 - 15.0) 13.4 (3.4 - 16.0)	13.4 (3.3 - 15.0) 13.4 (3.4 - 16.0)
	32,400 (10,200 - 38,900) 32,400 (10,200 - 46,100)	32,400 (10,200 - 38,900) 32,400 (10,200 - 46,100)	41,300 (10,900 - 46,100) 41,300 (11,300 - 51,200)	41,300 (10,900 - 46,100) 41,300 (11,300 - 51,200)	45,700 (11,300 - 51,200) 45,700 (11,600 - 54,600)	45,700 (11,300 - 51,200) 45,700 (11,600 - 54,600)
	3.57 : 4.09	3.57 : 4.09	3.40 : 3.56	3.40 : 3.56	3.16 : 3.76	3.16 : 3.76
	2.88	2.88	2.82	2.82	2.73	2.73
	2.66 : 2.32	2.66 : 2.32	3.56 : 3.40	3.56 : 3.40	4.24 : 3.56	4.24 : 3.56
	5.24 : 5.04	5.24 : 5.04	4.90 : 5.01	4.90 : 5.01	4.75 : 4.93	4.75 : 4.93
	4.52 : 4.52	4.52 : 4.52	4.42 : 4.21	4.42 : 4.21	4.33 : 4.18	4.33 : 4.18
	4.62 : 4.06	4.62 : 4.06	4.52 : 3.68	4.52 : 3.68	4.47 : 3.63	4.47 : 3.63
	5.87 : 4.99	5.87 : 4.99	5.40 : 5.06	5.40 : 5.06	5.26 : 5.01	5.26 : 5.01
	5.91 : 4.68	5.91 : 4.68	5.81 : 4.60	5.81 : 4.60	5.78 : 4.59	5.78 : 4.59
	6.49 : 4.31	6.49 : 4.31	6.36 : 4.10	6.36 : 4.10	6.40 : 4.05	6.40 : 4.05
	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz	1 Phase / 50Hz
	230V | 240V	230V | 240V	230V | 240V	230V | 240V	230V | 240V	230V | 240V
	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730	250 x 1,400 x 730
	39	39	39	39	39	39
	534 / 434 / 350 : 534 / 434 / 350	534 / 434 / 350 : 534 / 434 / 350	567 / 484 / 384 : 567 / 484 / 384	567 / 484 / 384 : 567 / 484 / 384	601 / 534 / 417 : 601 / 534 / 417	601 / 534 / 417 : 601 / 534 / 417
	40 (10 - 150)	40 (10 - 150)	50 (10 - 150)	50 (10 - 150)	50 (10 - 150)	50 (10 - 150)
	33 / 29 / 25 : 33 / 29 / 25	33 / 29 / 25 : 33 / 29 / 25	35 / 31 / 27 : 35 / 31 / 27	35 / 31 / 27 : 35 / 31 / 27	39 / 35 / 29 : 39 / 35 / 29	39 / 35 / 29 : 39 / 35 / 29
	56 / 52 / 48 : 56 / 52 / 48	56 / 52 / 48 : 56 / 52 / 48	58 / 54 / 50 : 58 / 54 / 50	58 / 54 / 50 : 58 / 54 / 50	62 / 58 / 52 : 62 / 58 / 52	62 / 58 / 52 : 62 / 58 / 52
	5	5	5	5	5	5
	VP-20	VP-20	VP-20	VP-20	VP-20	VP-20
	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz	1 Phase / 50Hz	3 Phase / 50Hz
	230V | 240V	400V | 415V	230V | 240V	400V | 415V	230V | 240V	400V | 415V
	12.7 : 11.1 | 12.2 : 10.6	4.20 : 3.70 | 4.05 : 3.55	16.5 : 15.7 | 15.8 : 15.1	5.45 : 5.20 | 5.25 : 5.05	19.6 : 16.5 | 18.8 : 15.8	6.50 : 5.45 | 6.30 : 5.25
	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370
	83	83	87	87	87	87
	1,219 : 1,219	1,219 : 1,219	1,369 : 1,336	1,369 : 1,336	1,402 : 1,369	1,402 : 1,369
	52 (50) : 52 (50)	52 (50) : 52 (50)	55 (53) : 55 (53)	55 (53) : 55 (53)	56 (54) : 56 (54)	56 (54) : 56 (54)
	70 (68) : 70 (68)	70 (68) : 70 (68)	73 (71) : 73 (71)	73 (71) : 73 (71)	74 (72) : 74 (72)	74 (72) : 74 (72)
	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88	Ø9.52 / Ø15.88
	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50	5 - 50
	15, 30	15, 30	15, 30	15, 30	15, 30	15, 30
	30	30	30	30	30	30
	R32 2,400 / 45 (g/m)	R32 2,400 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)	R32 2,800 / 45 (g/m)
	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24	-10 to 46 : -15 to 24

Multi-Split Air Conditioning System

Panasonic's multi-split conditioning systems are designed to provide more space saving installation for outdoor units. A neater alternative to preserve the exterior appearance of buildings such as condominiums, single and multi-storey residences.

Compact and lightweight design to fit every building type

- The multi-split system offers greater installation versatility and space-saving choices for condominium with limited free space.

WALL-MOUNTED – AERO Z SERIES

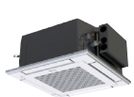
Wireless Remote Controller Included

CZ-RD517C Wired Remote Controller (Optional)

Model No	CS-Z20XKRW	CS-Z25XKRW-1	CS-Z35XKRW	CS-Z42XKRW
Capacity	2.0kW	2.5kW	3.5kW	4.2kW*1

Model No	CS-Z50XKRW	CS-Z50XKRW-1	CS-Z60XKRW-1	CS-Z71XKRW
Capacity	5.0kW*1	5.0kW*1	6.0kW*1	7.1kW*1*3

MINI CASSETTE WITH nanoe™ X



Panel CZ-KPY4

CZ-RWS3 + CZ-RWRY3 Wireless Remote Controller (Optional)

CZ-RTC5B Wired Remote Controller (Optional)

CZ-RTC4 Wired Remote Controller (Optional)

CZ-RTC6BL/ CZ-RTC6BLW CONEX Wired Remote Controller (Optional)

CZ-CAPWFC1 Network Adaptor*1 (Optional)

CZ-CENSC1 ECONAVI Sensor Ready (Optional)

Model No	S-25PY3E	S-36PY3E	S-50PY3E	S-60PY3E
Capacity	2.5kW*1	3.5kW*1	5.0kW*1	6.0kW*1

WALL-MOUNTED – DEVELOPER RZ SERIES

Wireless Remote Controller Included

CZ-RD517C Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor*1 (Optional)

Model No	CS-MRZ16WKR	CS-MRZ20WKR	CS-RZ25XKRW	CS-RZ35XKRW
Capacity	1.6kW	2.0kW	2.5kW	3.5kW

Model No	CS-RZ42XKRW	CS-RZ50XKRW	CS-RZ60XKRW	CS-RZ71XKRW
Capacity	4.2kW*1	5.0kW*1	6.0kW*1	7.1kW*1*3

PREMIER SERIES FLOOR CONSOLE

Wireless Remote Controller Included

CZ-RD517C Wired Remote Controller (Optional)

CZ-TACG1 Network Adaptor*1 (Optional)

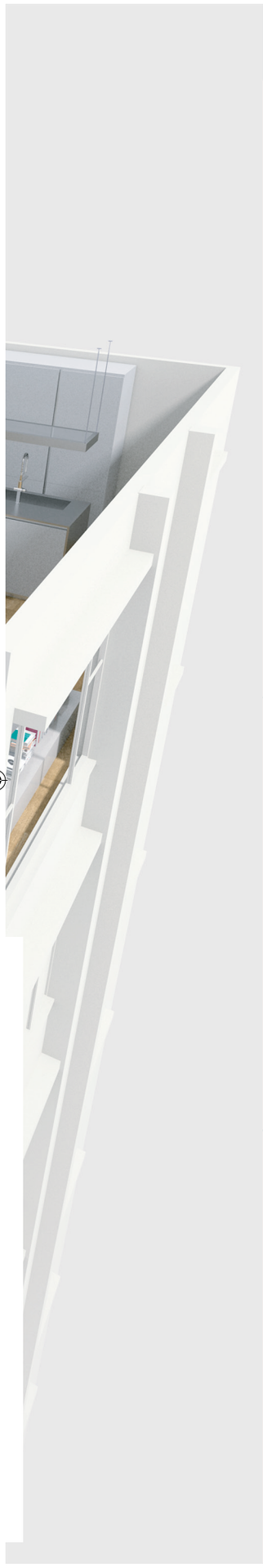
Model No	CS-Z25UFRAW	CS-Z35UFRAW	CS-Z50UFRAW
Capacity	2.5kW	3.5kW	5.0kW*1

ULTRA SLIM DUCTED

Wired Remote Controller Included

CZ-TACG1 Network Adaptor*1 (Optional)

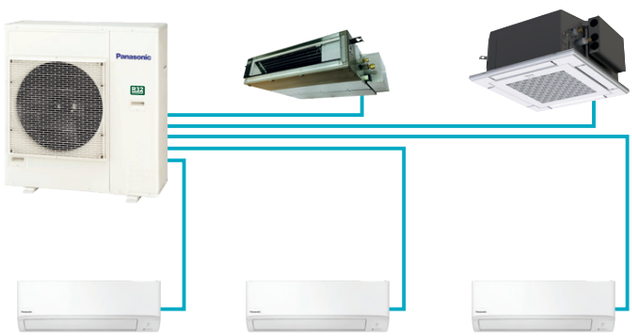
Model No	CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW
Capacity	2.5kW	3.5kW	5.0kW*1	6.0kW*1



Advantages Of Multi-Split Air Conditioning System

Space Saving

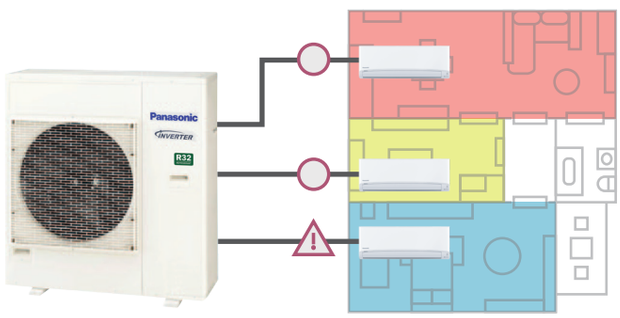
Multi Split



Space-saving installation with less outdoor units required

- As 1 outdoor unit is able to connect up to 5 indoor units, this provide flexible customization according to the layout of your house.

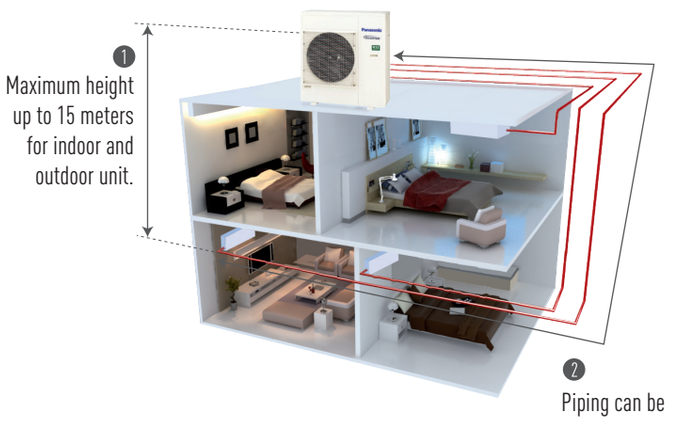
Independent Operation Control



Outdoor unit connects to each indoor unit independently

- Able to adjust the operation settings for each indoor unit separately. If one indoor unit is malfunctions, other indoor units can continue to operate by provide cooling comfort to the rooms.

Flexible Installation



The multi-split system accommodates long pipelines up to 80 meters

- Flexible arrangement and installation of indoor and outdoor units based on the room condition, location and installation convenience of the site.

* Applicable to CU-5Z100VBR

Product Line-Up

MODEL		Indoor Units Combination Range	Refrigerant Pipe Diameter			Pipe Extension					Indoor Unit Combinations				
			Indoor Unit	Liquid Side (mm)	Gas Side (mm)	Maximum Pipe Length (1 room)	Maximum Pipe Length (Total)	Maximum Chargeless Length	Additional Gas	Maximum Height	Type / Capacity (kW class)	Wall-Mounted	Cassette	Ultra Slim Ducted	Floor Console
Up to 2 rooms	**CU-2Z52VBR** INDOOR UNITS: Possible Combination Patterns Must be within capacity range PORT A: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 (* Either unit) PORT B: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 (* Either unit) 5.2kW *4 Dimensions (HxWxD): 619 x 824(+70) x 299 mm Weight: 39 kg * At least two indoor units must be connected.	3.2 to 7.7 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	20 m	30 m	20 m	15 g/m	10 m	1.6	●			
											2.0	●			
											2.5	●	●	●	●
			Room B	ø 6.35	ø 9.52						3.5	●	●	●	●
											4.2	●			
											5.0	●	●	●	●
Up to 3 rooms	**CU-3Z54VBR** INDOOR UNITS: Possible Combination Patterns Must be within capacity range PORT A: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 (* Either unit) PORT B: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 (* Either unit) PORT C: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 (* Either unit) 5.4kW *4 Dimensions (HxWxD): 795 x 875(+95) x 320 mm Weight: 71 kg * At least two indoor units must be connected.	4.5 to 9.5 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	50 m	30 m	20 g/m	15 m	1.6	●			
											2.0	●			
			Room B	ø 6.35	ø 9.52						2.5	●	●	●	●
											3.5	●	●	●	●
			Room C	ø 6.35	ø 9.52						4.2	●			
											5.0	●	●	●	●
Up to 4 rooms	**CU-4Z71VBR** INDOOR UNITS: Possible Combination Patterns Must be within capacity range PORT A: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 (* Either unit) PORT B: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 (* Either unit) PORT C: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 (* Either unit) PORT D: 1.6 or 2.0 or 2.5 or 3.5 or 4.2 or 5.0 or 6.0 (* Either unit) 7.1kW *4 Dimensions (HxWxD): 795 x 875(+95) x 320 mm Weight: 72 kg * At least two indoor units must be connected.	4.5 to 11.5 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	60 m	30 m	20 g/m	15 m	1.6	●			
											2.0	●			
			Room B	ø 6.35	ø 9.52						2.5	●	●	●	●
											3.5	●	●	●	●
			Room C	ø 6.35	ø 9.52						4.2	●			
											5.0	●	●	●	●
			Room D	ø 6.35	ø 9.52						6.0	●	●	●	

*4 To enable demand response management, an optional accessory needs to be installed (CZ-CAP2)

OUTDOOR UNIT

Blue Fin Condenser

R32 REFRIGERANT

Up to 2 rooms

CU-2Z52VBR

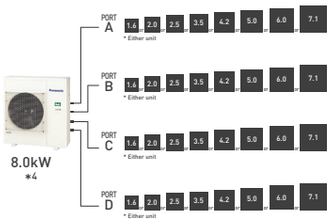
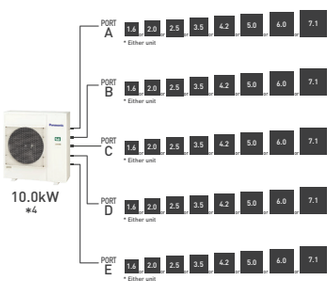
Up to 3 rooms

CU-3Z54VBR

Up to 4 rooms

CU-4Z71VBR

Product Line-Up

MODEL		Indoor Units Combination Range	Refrigerant Pipe Diameter			Pipe Extension					Indoor Unit Combinations				
			Indoor Unit	Liquid Side (mm)	Gas Side (mm)	Maximum Pipe Length (1 room)	Maximum Pipe Length (Total)	Maximum Chargeless Length	Additional Gas	Maximum Height	Type / Capacity (kW class)	Wall-Mounted	Cassette	Ultra Slim Ducted	Floor Console
Up to 4 rooms	**CU-4Z80VBR** **INDOOR UNITS: Possible Combination Patterns** Must be within capacity range  8.0kW *4 Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 80 kg At least two indoor units must be connected.	4.5 to 14.7 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	70 m	45 m	20 g/m	15 m	1.6	●			
											2.0	●			
			Room B	ø 6.35	ø 9.52						2.5	●	●	●	●
											3.5	●	●	●	●
			Room C	ø 6.35	ø 9.52						4.2	●			
											5.0	●	●	●	●
			Room D	ø 6.35	ø 9.52						6.0	●	●	●	
											7.1	●			
Up to 5 rooms	**CU-5Z100VBR** **INDOOR UNITS: Possible Combination Patterns** Must be within capacity range  10.0kW *4 Dimensions (HxWxD): 999 x 940 x 340 mm Weight: 81 kg At least two indoor units must be connected.	4.5 to 18.3 kW Make sure to keep combinations within this range.	Room A	ø 6.35	ø 9.52	25 m	80 m	45 m	20 g/m	15 m	1.6	●			
											2.0	●			
			Room B	ø 6.35	ø 9.52						2.5	●	●	●	●
											3.5	●	●	●	●
			Room C	ø 6.35	ø 9.52						4.2	●			
											5.0	●	●	●	●
			Room D	ø 6.35	ø 9.52						6.0	●	●	●	
											7.1	●			
			Room E	ø 6.35	ø 9.52										

*4 To enable demand response management, an optional accessory needs to be installed (CZ-CAP2)

ACCESSORIES

CZ-MA1PA

*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2" to 3/8".

CZ-MA2PA

*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8" to 1/2".

CZ-MA3PA

*3 CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8" to 1/2".

CZ-CAP2

*4 Demand response module CZ-CAP2.

OUTDOOR UNIT

Blue Fin Condenser

R32 REFRIGERANT

Up to 4 rooms

CU-4Z80VBR

Up to 5 rooms

CU-5Z100VBR

Product Line-Up

INDOOR UNIT

MODEL			WALL-MOUNTED (AERO Z SERIES)							
			CS-Z20XKRW	CS-Z25XKRW-1	CS-Z35XKRW	CS-Z42XKRW	CS-Z50XKRW	CS-Z50XKRW-1	CS-Z60XKRW-1	CS-Z71XKRW
Capacity		kW	2.0	2.5	3.5	4.2	5.0	5.0	6.0	7.1
Power Source			Single Phase 240V, 50Hz							
Sound Pressure Level (H/L/Q-Lo)	Cooling	dB(A)	40/26/21	42/27/21	46/28/21	46/33/30	46/36/30	49/36/33	50/38/35	51/39/36
	Heating		41/27/23	42/29/23	46/31/24	46/34/30	46/36/30*	49/35/31	50/37/34	51/39/36
Sound Power Level (H/L/Q-Lo)	Cooling	dB(A)	56/42/37	58/43/37	62/44/37	62/49/46	62/52/46	65/52/49	66/54/51	67/55/52
	Heating		57/43/39	58/45/39	62/47/40	62/50/46	62/52/46*	65/51/47	66/53/50	67/55/52
Airflow	Cooling/Heating	L/s	178/195	188/200	193/202	193/202	208/228	328/328	337/358	352/367
Dimensions	Height	mm	290	290	290	290	290	295	295	295
	Width	mm	779	779	779	779	779	1,040	1,040	1,040
	Depth	mm	209	209	209	209	209	244	244	244
Net Weight		kg	8	8	8	8	8	12	13	13
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52	ø 9.52*1	ø 9.52*1	ø 9.52*1	ø 12.70*2	ø 12.70*2*3

*For connection to CU-2Z52VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

MODEL			WALL-MOUNTED (DEVELOPER RZ SERIES)							
			CS-MRZ16WKR	CS-MRZ20WKR	CS-RZ25XKRW	CS-RZ35XKRW	CS-RZ42XKRW	CS-RZ50XKRW	CS-RZ60XKRW	CS-RZ71XKRW
Capacity		kW	1.6	2.0	2.5	3.5	4.2	5.0	6.0	7.1
Power Source			Single Phase 240V, 50Hz							
Sound Pressure Level (H/L/Q-Lo)	Cooling	dB(A)	41/27/24	42/27/24	42/27/21	46/28/21	46/33/30	46/36/30	49/38/35	51/39/36
	Heating		41/29/26	42/29/26	42/29/23	46/31/24	46/34/30	46/36/30*	50/38/35	51/39/36
Sound Power Level (H/L/Q-Lo)	Cooling	dB(A)	57/43/40	58/43/40	58/43/37	62/44/37	62/49/46	62/52/46	65/54/51	67/55/52
	Heating		57/45/42	58/45/42	58/45/39	62/47/40	62/50/46	62/52/46*	66/54/51	67/55/52
Airflow	Cooling/Heating	L/s	183/193	188/198	188/200	193/202	193/202	208/228	328/338	352/367
Dimensions	Height	mm	290	290	290	290	290	290	295	295
	Width	mm	779	779	779	779	779	779	1,040	1,040
	Depth	mm	209	209	209	209	209	209	244	244
Net Weight		kg	8	8	8	8	8	8	12	13
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52	ø 9.52	ø 9.52*1	ø 9.52*1	ø 12.70*2	ø 12.70*2*3

*For connection to CU-2Z52VBR, indoor Sound Pressure Level (Heating) is 46/35/31 and Sound Power Level (Heating) is 62/51/47.

MODEL			MINI CASSETTE WITH nanoe™ X			
			S-25PY3E	S-36PY3E	S-50PY3E	S-60PY3E
Capacity		kW	2.5	3.5	5.0	6.0
Power Source			Single Phase 240V, 50Hz			
Sound Pressure Level (H/L)	Cooling	dB(A)	33/27	36/27	41/29	45/33
	Heating		33/27	36/27	41/29	45/33
Sound Power Level (H)	Cooling	dB(A)	48	51	56	60
	Heating		48	51	56	60
Airflow	Cooling/Heating	L/s	142/142	158/158	200/200	233/233
Dimensions	Height	mm	243	243	243	243
	Width	mm	575	575	575	575
	Depth	mm	575	575	575	575
Net Weight		kg	15	15	15	15
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52*1	ø 9.52*1	ø 9.52*1	ø 12.70*2

*1 CZ-MA1PA is to be used to reduce the connection size on the indoor unit from 1/2'' to 3/8''.
*2 CZ-MA2PA is to be used to increase the connection size on the outdoor unit from 3/8'' to 1/2''.
*3 CZ-MA3PA is to be used to reduce the connection size on the indoor unit from 5/8'' to 1/2''.

INDOOR UNIT

MODEL			ULTRA SLIM DUCTED				FLOOR CONSOLE		
			CS-Z25UD3RAW	CS-Z35UD3RAW	CS-Z50UD3RAW	CS-Z60UD3RAW	CS-Z25UFRAW	CS-Z35UFRAW	CS-Z50UFRAW
Capacity		kW	2.5	3.5	5.0	6.0	2.5	3.5	5.0
Power Source			Single Phase 240V, 50Hz						
Sound Pressure Level (H/L)	Cooling	dB(A)	35/29	35/28	41/31	43/32	40/27	41/28	46/33
	Heating		36/29	37/29	41/32	43/34	40/27	41/27	48/35
Sound Power Level (H)	Cooling	dB(A)	51	51	57	59	56	57	62
	Heating		52	53	57	59	56	57	64
Airflow	Cooling/Heating	L/s	175/175	187/187	255/255	262/262	163/173	170/182	198/227
Dimensions	Height	mm	200	200	200	200	600	600	600
	Width	mm	750	750	750	750	750	750	750
	Depth	mm	640	640	640	640	207	207	207
Net Weight		kg	19	19	19	19	13	13	13
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52*1	ø 12.70*2	ø 9.52	ø 9.52	ø 9.52*1

OUTDOOR UNIT

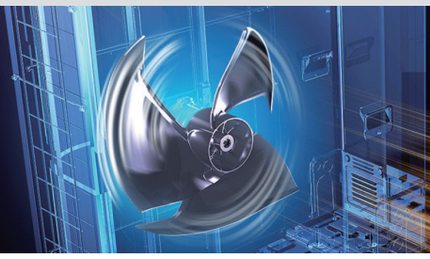
MODEL		(50Hz)	CU-2Z52VBR	CU-3Z54VBR	CU-4Z71VBR	CU-4Z80VBR	CU-5Z100VBR
Power Source			Single Phase 240V, 50Hz				
Cooling Operation	Capacity (min-max)	kW	5.20 (1.50-6.00)	5.40 (1.80-7.30)	7.10 (1.90-8.80)	8.00 (2.30-9.20)	10.00 (2.30-11.50)
Maximum Connectable Capacity		kW	7.7	9.5	11.5	14.7	18.3
Maximum Connectable Indoors		Units	2	3	4	4	5
Electrical Data	Running Current	A	5.9	5.1	7.4	8.9	11.8
	Power Input (min-max)	kW	1.35 (0.25-1.62)	1.12 (0.36-2.18)	1.66 (0.34-2.47)	1.98 (0.42-2.87)	2.60 (0.43-3.59)
	AEER/EER	W/W	3.79 / 3.85	4.74 / 4.82	4.23 / 4.28	4.00 / 4.04	3.81 / 3.85
Noise (H)	Sound Pressure Level	dB(A)	51	48	49	51	53
	Sound Power Level	dB(A)	66	62	63	67	69
Heating Operation	Capacity	kW	6.10 (1.10-7.20)	7.00 (1.60-9.00)	8.50 (3.00-10.70)	9.40 (3.00-11.60)	12.00 (3.40-14.50)
Electrical Data	Running Current	A	6.2	6.8	8.6	9.3	12.1
	Power Input (min-max)	kW	1.43 (0.21-1.90)	1.54 (0.32-2.63)	1.95 (0.50-2.72)	2.03 (0.50-3.42)	2.76 (0.58-4.02)
	ACOP/COP	W/W	4.21 / 4.27	4.49 / 4.55	4.32 / 4.36	4.58 / 4.63	4.31 / 4.35
Noise (H)	Sound Pressure Level	dB(A)	53	49	51	52	56
	Sound Power Level	dB(A)	68	63	65	68	72
Maximum Current		A	11.5	15.2	15.6	19.0	21.3
Starting Current		A	6.4	7.0	8.8	9.7	12.5
Compressor Output		W	900	1300	1300	1700	1700
Dimensions	Height	mm	619	795	795	999	999
	Width	mm	824 (+70)	875 (+95)	875 (+95)	940	940
	Depth	mm	299	320	320	340	340
Net Weight		kg	39	71	72	80	81
Power Supply			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Pipe Length Range (1 room)		m	3~20	3~25	3~25	3~25	3~25
Maximum Pipe Length (Total) **		m	30	50	60	70	80
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35	ø 6.35
	Gas Side	mm	ø 9.52	ø 9.52	ø 9.52	ø 9.52	ø 9.52
Operating Range	Cooling	(°C)	-10~+46	-10~+46	-10~+46	-10~+46	-10~+46
	Heating	(°C)	-15~+24**	-15~+24**	-15~+24**	-15~+24**	-15~+24**

** Additional Gas might be required for some models. Refer to Page 32 for information on Additional Gas.

Rating Conditions

	Cooling	Heating
Inside air temperature	27°C DB /19°C WB	20°C DB
Outside air temperature	35°C DB	7°C DB /6°C WB

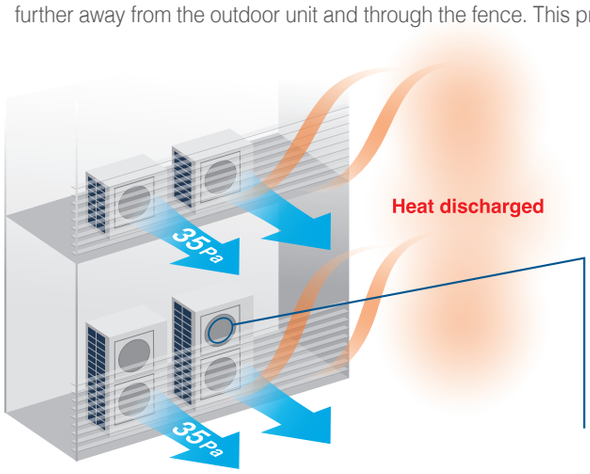
2-PIPE Mini-VRF LZ Series



High External Static Presssure 35Pa

High external static pressure 35Pa

When unit is installed on a narrow balcony and exposed to the sun, the fence at the front side would restrict hot air from being discharged. Heat accumulated in an enclosure can cause over-heating. This could potentially result in damage or shorten the product's life span. A high external static pressure sends the air further away from the outdoor unit and through the fence. This provides better air circulation and distribution.



LZ series - High pressure

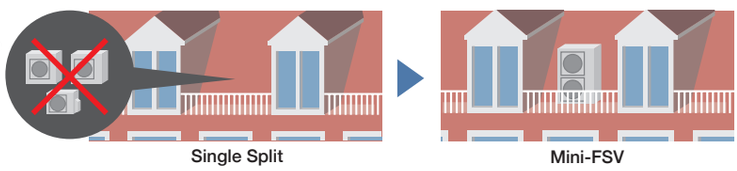
But with a high pressure of 35Pa, hot air is sent further away preventing overheating inside the outdoor unit enclosure.

LZ series fan

The new LE Series fan has ribs extending near the blade tips, in a structure that resists deformation. During high electrostatic pressure, this blade shape suppresses disruptions in the airflow, and a high air pressure of 35 Pa discharges the hot air a sufficient distance.

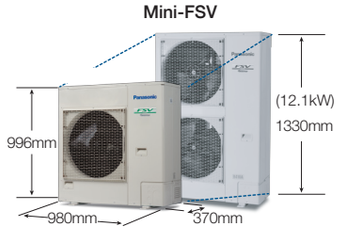
Compact design

Also, since Mini VRF LZ Series is a single unit, it is possible to install the unit in more various places compared to the Single Split system.

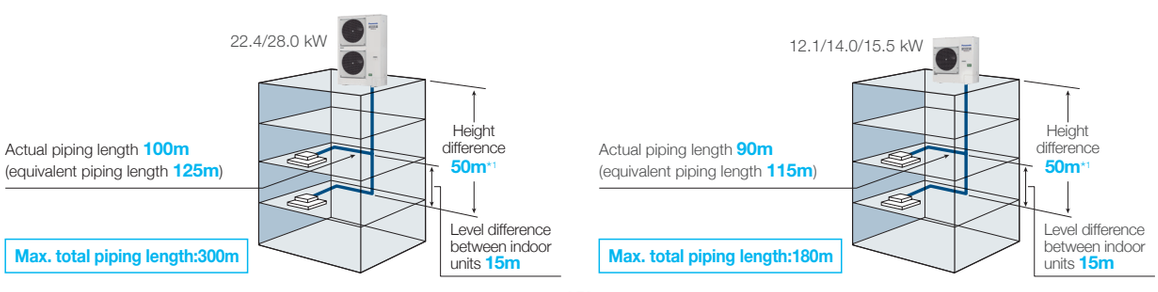


In addition to raising efficiency, we have made the outdoor unit more compact. It can now be installed in places that were previously too small.

Can be installed in the small space



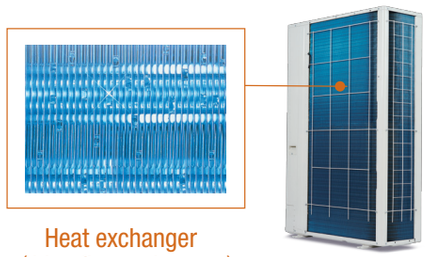
Long piping design length for greater design flexibility



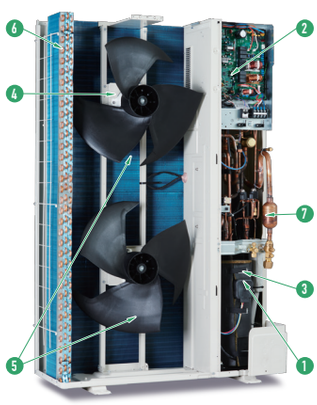
*1: 40m if the outdoor unit is below the indoor unit.

Blue fin condenser

The anti-corrosion Blue Fin treatment of the heat exchanger provides greater resistance against corrosion. All models are equipped with Blue Fin condenser.



Energy savings design



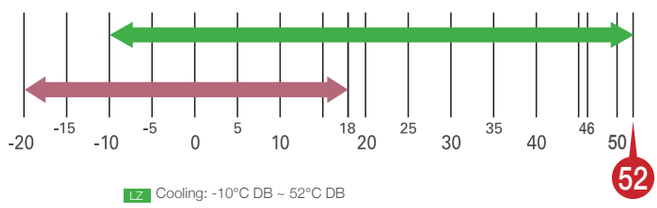
❶ Panasonic Inverter Compressor	A large-capacity inverter compressor has been adopted. The inverter compressor is superior in performance with improved partial-load capacity.
❷ Printed Circuit Board	The number of PCB is 2 pieces for making maintenance easier.
❸ Accumulator	A large accumulator has been adopted to maintain compressor reliability because of the increased refrigerant quantity, which allows an extended max piping length.
❹ DC Fan Motor	Checking load and outside temperature, the DC motor is controlled for optimum air volume.
❺ Newly Designed Fan	The newly designed fan blades have been developed to inhibit air turbulence and to increase efficiency. As fan diameter has been increased its size, the air volume has been increased whilst maintaining a same sound level.
❻ Heat Exchanger & Copper Tubes	The heat exchanger size and the copper tube sizes in the heat exchanger have been redesigned to increase efficiency.
❼ Oil Separator	A centrifugal separator has been adopted to improve oil separation efficiency and reduce refrigerant pressure loss.

Wide operating range

- Cooling operation is possible even when outdoor temperature is as low as -10°C DB.
- Cooling operation is possible even when outdoor temperature is as high as 52°C DB. (LZ2 series)
- Heating operation is possible even when outdoor temperature is as low as -20°C WB.

The remote controller temperature can be set from 18°C up to 30°C (Cooling), 16°C up to 30°C (Heating)*1.

*1 Depending on the type of remote controller.



LZ Cooling: -10°C DB ~ 52°C DB
LZ Heating: -20°C WB ~ 18°C WB

* For further information please refer to the capacity tables in the Technical Data Book.

Quiet operation mode

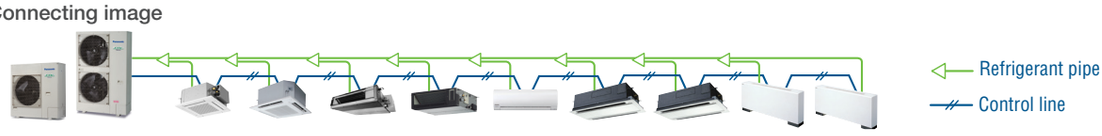
- Quiet operation mode reduces outdoor unit operating sound down to 7dB than rating.
- 3-step set point is available.
- External input signal is also available.

* Timer setting of quiet operation mode is available in High-spec Remote Controller (CZ-RTC5B/CZ-RTC6 series).

Wide range of connectable indoor units

An expansion from Panasonic VRF line up, the Mini-VRF is compatible with the same indoor units and controls as the rest of the VRF range.

Connecting image



2-PIPE Mini-VRF LZ2 Series

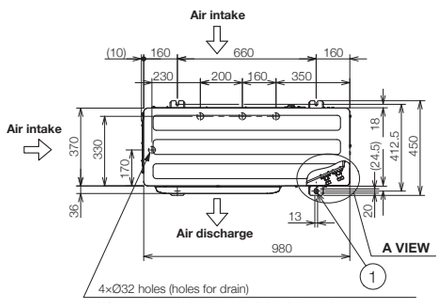
kW				12.1		12.1		14.0		14.0		15.5		15.5	
Model name				**U-4LZ2E5**		**U-4LZ2E8**		**U-5LZ2E5**		**U-5LZ2E8**		**U-6LZ2E5**		**U-6LZ2E8**	
Power supply				230/240V/1-phase/50Hz		400/415V/3-phase/50Hz		230/240V/1-phase/50Hz		400/415V/3-phase/50Hz		230/240V/1-phase/50Hz		400/415V/3-phase/50Hz	
Voltage				230V	240V	400V	415V	230V	240V	400V	415V	230V	240V	400V	415V
Capacity	Cooling		kW	12.1		12.1		14.0		14.0		15.5		15.5	
			BTU/h	41,300		41,300		47,800		47,800		52,900		52,900	
	Heating		kW	12.5		12.5		16.0		16.0		16.5		16.5	
			BTU/h	42,700		42,700		54,600		54,600		56,300		56,300	
EER/COP	Cooling		W/W	4.53		4.53		4.12		4.12		3.88		3.88	
	Heating		W/W	5.27		5.27		4.71		4.71		4.42		4.42	
Dimensions (H/W/D)			mm	996 x 980 x 370		996 x 980 x 370		996 x 980 x 370		996 x 980 x 370		996 x 980 x 370		996 x 980 x 370	
Net weight			kg	94		94		94		94		94		94	
Electrical ratings	Cooling	Running current	A	12.80	12.20	4.15	4.00	16.20	15.50	5.23	5.04	17.70	18.00	6.12	5.89
		Power input	kW	2.67		2.67		3.40		3.40		4.00		4.00	
	Heating	Running current	A	11.40	11.00	3.71	3.58	16.20	15.20	5.22	5.03	17.71	17.00	5.72	5.51
		Power input	kW	2.37		2.37		3.40		3.40		3.73		3.73	
Starting current			A	1		1		1		1		1		1	
Air flow rate			m^3/ h	4,140		4,140		4,320		4,320		4,440		4,440	
			L/s	1,150		1,150		1,200		1,200		1,233		1,233	
Refrigerant amount at shipment			kg	R32 2.7		R32 2.7		R32 2.7		R32 2.7		R32 2.7		R32 2.7	
Piping connection	Gas pipe		mm (inches)	Ø15.88 (Ø5/8)		Ø15.88 (Ø5/8)		Ø15.88 (Ø5/8)		Ø15.88 (Ø5/8)		Ø15.88 (Ø5/8)		Ø15.88 (Ø5/8)	
	Liquid pipe		mm (inches)	Ø9.52 (Ø3/8)		Ø9.52 (Ø3/8)		Ø9.52 (Ø3/8)		Ø9.52 (Ø3/8)		Ø9.52 (Ø3/8)		Ø9.52 (Ø3/8)	
Ambient temperature operating range				Cooling:-10˚CDB~+52˚CDB, Heating:-20˚CWB~+18˚CWB		Cooling:-10˚CDB~+52˚CDB, Heating:-20˚CWB~+18˚CWB		Cooling:-10˚CDB~+52˚CDB, Heating:-20˚CWB~+18˚CWB		Cooling:-10˚CDB~+52˚CDB, Heating:-20˚CWB~+18˚CWB		Cooling:-10˚CDB~+52˚CDB, Heating:-20˚CWB~+18˚CWB		Cooling:-10˚CDB~+52˚CDB, Heating:-20˚CWB~+18˚CWB	
Sound pressure level (Cooling)	Normal mode		dB(A)	52.0		52.0		53.0		53.0		54.0		54.0	
	Silent mode(1/2/3/4)		dB(A)	49.0/47.0/45.0/45.0		49.0/47.0/45.0/45.0		50.0/48.0/46.0/45.0		50.0/48.0/46.0/45.0		51.0/49.0/47.0/45.0		51.0/49.0/47.0/45.0	
Sound power level (Cooling)	Normal mode		dB	69.0		69.0		70.0		70.0		72.0		72.0	

Global remarks	Rated conditions:	Cooling	Heating
	Indoor air temperature	27˚C DB / 19˚C WB	20˚C DB
	Outdoor air temperature	35˚C DB	7˚C DB / 6˚C WB

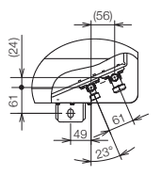
* These specifications are subject to change without notice.
** High durable model (with suffix "E") has same specifications.

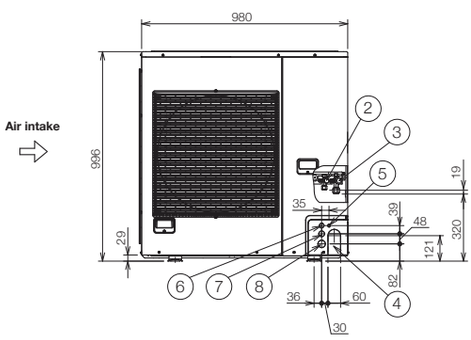
Dimensions

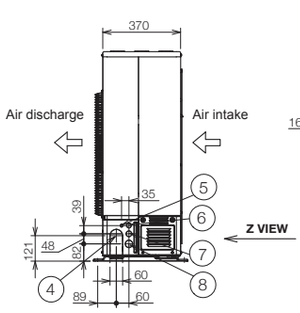
U-4LZ2E5 / U-4LZ2E8
U-5LZ2E5 / U-5LZ2E8
U-6LZ2E5 / U-6LZ2E8

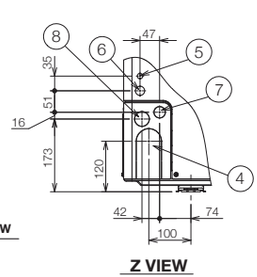


①	Mounting hole (4-R6.5), anchor bolt : M10
②	Refrigerant tubing (liquid tube), flared connection (Ø9.52)
③	Refrigerant tubing (gas tube), flared connection (Ø15.88)
④	Refrigerant tubing port
⑤	Electrical wiring port (Ø13)
⑥	Electrical wiring port (Ø22)
⑦	Electrical wiring port (Ø27)
⑧	Electrical wiring port (Ø35)









Unit: mm

2-PIPE Mini-VRF LZ2 Series

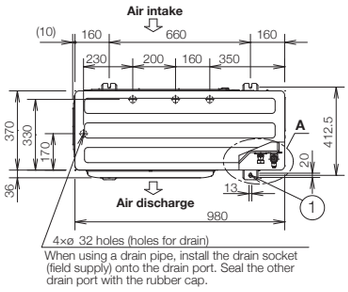
kW				22.4		25.0	
Model name				**U-8LZ2E8**		**U-10LZ2E8**	
Power supply				400/415V/3-phase/50Hz		400/415V/3-phase/50Hz	
Voltage				400V	415V	400V	415V
Capacity	Cooling		kW	22.4		28.0	
			BTU/h	76,500		95,600	
	Heating		kW	25.0		28.0	
			BTU/h	85,300		95,600	
EER/COP	Cooling		W/W	3.84		3.47	
	Heating		W/W	4.30		4.47	
Dimensions (H/W/D)			mm	1,500 x 980 x 370		1,500 x 980 x 370	
Net weight			kg	125		126	
Electrical ratings	Cooling	Running current	A	9.25	8.91	12.5	12.1
		Power input	kW	5.83		8.07	
	Heating	Running current	A	9.32	8.98	9.93	9.57
		Power input	kW	5.81		6.26	
Starting current			A	1		1	
Air flow rate			m^3 / h	9,480		10,020	
			L/s	2,633		2,783	
Refrigerant amount at shipment			kg	R32 4.9		R32 5.1	
Piping connection	Gas pipe		mm (inches)	Ø19.05 (Ø3/4)		Ø22.22 (Ø7/8)	
	Liquid pipe		mm (inches)	Ø9.52 (Ø3/8)		Ø9.52 (Ø3/8)	
Ambient temperature operating range				Cooling:-10°CDB~+52°CDB, Heating:-20°CWB~+18°CWB		Cooling:-10°CDB~+52°CDB, Heating:-20°CWB~+18°CWB	
Sound pressure level (Cooling)	Normal mode		dB(A)	59.0		60.0	
	Silent mode(1/2/3/4)		dB(A)	56.0/54.0/52.0/50.0		57.0/55.0/53.0/50.0	
Sound power level (Cooling)	Normal mode		dB	72.0		74.0	

Global remarks	Rated conditions:	Cooling	Heating
	Indoor air temperature	27°C DB / 19°C WB	20°C DB
	Outdoor air temperature	35°C DB	7°C DB / 6°C WB

* These specifications are subject to change without notice.
** High durable model (with suffix "E") has same specifications.

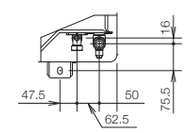
Dimensions

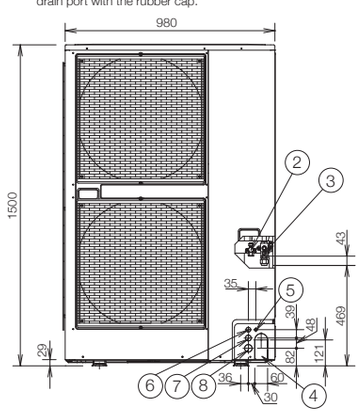
U-8LZ2E8 / U-10LZ2E8

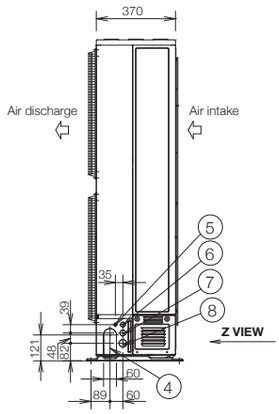


①	Mounting hole (4-R6.5), anchor bolt : M10
②	Refrigerant tubing (liquid tube), flared connection (ø9.52)
③	Refrigerant tubing (gas tube), flared connection (ø19.05)
④	Refrigerant tubing port
⑤	Electrical wiring port (ø13)
⑥	Electrical wiring port (ø22)
⑦	Electrical wiring port (ø27)
⑧	Electrical wiring port (ø35)

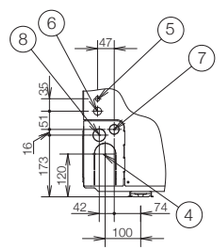
For U-10LZ2E8
The tubing of the gas main has a diameter of ø22.22, but the connection to the service valve of the outdoor unit has a diameter of ø19.05, so a flare has to be used. Consequently, be sure to use the enclosed joint tube B and joint tube A in making connections (braze).







A VIEW



Z VIEW

Unit: mm

Mini VRF Indoor Units

Class	22	28	36	45	56	60	73	90
	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity kW / BTU/h / Type	2.2/2.5 7,500/8,500	2.8/3.2 9,600/11,000	3.6/4.2 12,000/14,000	4.5/5.0 15,000/17,000	5.6/6.3 19,000/21,000	6.0/7.1 20,400/24,200	7.3/8.0 25,000/27,000	9.0/10.0 30,000/34,000
nanoeX Generator Mark2 F3 type ECONAVI **Mid Static Adaptive Ducted** R410A	 S-22MF3E5A	 S-28MF3E5A	 S-36MF3E5A	 S-45MF3E5A	 S-56MF3E5A	 S-60MF3E5A	 S-73MF3E5A	 S-90MF3E5A
nanoeX Generator Mark2 F3 type ECONAVI **Mid Static Adaptive Ducted** R32	NEW  S-22MF3E5B	NEW  S-28MF3E5B	NEW  S-36MF3E5B	NEW  S-45MF3E5B	NEW  S-56MF3E5B	NEW  S-60MF3E5B	NEW  S-73MF3E5B	NEW  S-90MF3E5B
M1 type ECONAVI **Slim Low Static Ducted** R410A/R32	 S-22MM1E5B	 S-28MM1E5B	 S-36MM1E5B	 S-45MM1E5B	 S-56MM1E5B			
Z1 type ECONAVI **Slim & Narrow Ducted** R410A	 S-22MZ1H4A	 S-28MZ1H4A	 S-36MZ1H4A	 S-45MZ1H4A	 S-56MZ1H4A	 S-60MZ1H4A	 S-73MZ1H4A	
E2 type **High Static Ducted / Energy Saving High-Fresh Air Ducted** R410A								
E1 type **High Static Ducted** R410A								 S-90ME1R5A
K2 type ECONAVI **Wall Mounted** R410A/R32	 S-22MK2E5B	 S-28MK2E5B	 S-36MK2E5B	 S-45MK2E5B	 S-56MK2E5B		 S-73MK2E5B	
nanoeX Generator Mark2 U2 type ECONAVI ** **4-Way Cassette** Panel No. CZ-KPU3H/CZ-KPU3A R410A/R32	 S-22MU2E5B	 S-28MU2E5B	 S-36MU2E5B	 S-45MU2E5B	 S-56MU2E5B	 S-60MU2E5B	 S-73MU2E5B	 S-90MU2E5B
nanoeX Generator Mark3 Y3 type ECONAVI **4-Way Mini Cassette** Panel No. CZ-KPY4 R410A/R32	NEW S-22MY3E	NEW S-28MY3E	NEW S-36MY3E	NEW S-45MY3E	NEW S-56MY3E			
L1 type **2-Way Cassette** Panel No. CZ-02KPL2 Panel No. CZ-03KPL2 (Only for S-73ML1E5) R410A	 S-22ML1E5	 S-28ML1E5	 S-36ML1E5	 S-45ML1E5	 S-56ML1E5		 S-73ML1E5	
D1 type **1-Way Cassette** Panel No. CZ-KPD2 R410A		 S-28MD1E5	 S-36MD1E5	 S-45MD1E5	 S-56MD1E5		 S-73MD1E5	
T2 type ECONAVI **Under Ceiling** R410A			 S-36MT2E5A	 S-45MT2E5A	 S-56MT2E5A		 S-73MT2E5A	
nanoeX Generator Mark1 G1 type **Floor Console** R410A	 S-22MG1E5N	 S-28MG1E5N	 S-36MG1E5N	 S-45MG1E5N	 S-56MG1E5N			
P1 type **Floor Standing** R410A	 S-22MP1E5	 S-28MP1E5	 S-36MP1E5	 S-45MP1E5	 S-56MP1E5		 S-71MP1E5	
R1 type **Concealed Floor Standing** R410A	 S-22MR1E5	 S-28MR1E5	 S-36MR1E5	 S-45MR1E5	 S-56MR1E5		 S-71MR1E5	

* High flesh air system is not allowed for 18 kW model. ** Only for CZ-KPU3A

106	112	140	160	180	224	280	
Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	
10.6/11.4 36,000/39,000	11.2/12.5 38,200/42,700	14.0/16.0 47,800/54,600	16.0/18.0 54,600/61,500	18.0/20.0 61,400/68,200	22.4/25.0 76,400/85,300	28.0/31.5 95,500/107,500	Functions
 S-106MF3E5A		 S-140MF3E5A	 S-160MF3E5A				self-diagnosing, Auto fan, Dry mode, Auto restart, Drain pump, DC motor
NEW  S-106MF3E5B		NEW  S-140MF3E5B	NEW  S-160MF3E5B				self-diagnosing, Auto fan, Dry mode, Auto restart, Drain pump, DC motor
							self-diagnosing, Auto fan, Dry mode, Auto restart, Drain pump, DC motor
							self-diagnosing, Auto fan, Dry mode, Auto restart, DC motor
				 S-180ME2E5 *	High Fresh Air  S-224ME2E5	High Fresh Air  S-280ME2E5	self-diagnosing, Auto fan, Dry mode, Auto restart, DC motor
	 S-112ME1R5A	 S-140ME1R5A	 S-160ME1R5A				self-diagnosing, Auto fan, Dry mode, Auto restart
 S-106MK2E5B							self-diagnosing, Auto fan, Dry mode, Auto flap, Auto restart, Air Swing
 S-106MU2E5B		 S-140MU2E5B	 S-160MU2E5B				self-diagnosing, Auto fan, Dry mode, Auto flap, Auto restart, Air swing, Drain pump, DC motor
							self-diagnosing, Auto fan, Dry mode, Auto flap, Auto restart, Air swing, Drain pump, DC motor
							self-diagnosing, Auto fan, Dry mode, Auto flap, Auto restart, Air swing, Drain pump, DC motor
							self-diagnosing, Auto fan, Dry mode, Auto flap, Auto restart, Air swing, Drain pump
 S-106MT2E5A		 S-140MT2E5A					self-diagnosing, Auto fan, Dry mode, Auto flap, DC motor, Auto restart, Air swing
							self-diagnosing, Auto fan, Dry mode, Auto flap, Auto restart, Air swing, DC motor
							self-diagnosing, Auto fan, Dry mode, Auto restart
							self-diagnosing, Auto fan, Dry mode, Auto restart

Self-diagnosing function | Automatic fan operation | Dry mode | Auto flap control | Automatic restart function for power failure | Air swing | Built-in drain pump | DC motor

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AIR CONDITIONING

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