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Models	Wall-mounted Heatcharge VZ · R32	Wall-mounted Etherea · R32	Wall-mounted TZ super-compact · R32	Wall-mounted BZ super- compact · R32	Wall-mounted UZ super- compact · R32	Floor console · R32	Low static pressure hide-away · R32
 Refrigerant R32	✓	✓	✓	✓	✓	✓	✓
 Econavi. Sunlight sensor	✓						
 Inverter+ system	✓	✓				✓	
 Inverter system			✓	✓	✓		✓
 R2 rotary compressor	✓	✓	✓	✓	✓	✓	✓
 nanoe X Generator	✓ nanoe™	✓ Mark 3	✓ Mark 1			✓ Mark 1	
 PM2,5 Filter				✓			
 Dust collection filter					✓		
 Antiallergy properties	✓	✓	✓			✓	
 Super Quiet <sup>1)</sup>	✓	✓ 19 dB(A) for 2,0, 2,5 and 3,5 kW	✓ 20 dB(A) for 2,0, 2,5 and 3,5 kW	✓ 20 dB(A) for 2,5 and 3,5 kW	✓ 20 dB(A) for 2,5 and 3,5 kW	✓ 20 dB(A) for 2,5 and 3,5 kW	
 Inside cleaning		✓					
 Mild Dry cooling		✓					
 Aerowings		✓	✓	✓	✓		
 Down to -10 °C in cooling only	✓	✓	✓	✓	✓	✓	✓
 Down to -15 °C in heating mode	✓ -35 °C <sup>2)</sup>	✓ -20 °C	✓	✓	✓	✓	✓
 Summer House	✓						
 R410A/R22 Renewal	✓	✓	✓	✓	✓	✓	✓
 Odour-removing function	✓	✓	✓	✓	✓	✓	✓
 Removable, washable panel	✓	✓	✓	✓	✓	✓	
 Powerful mode	✓	✓	✓	✓	✓	✓	✓
 Soft dry operation mode	✓	✓	✓	✓	✓	✓	✓
 Personal air flow creation	✓	✓	✓ For 6,0 and 7,1 kW				
 Automatic vertical air flow control			✓ For 2,0, 2,5, 3,5, 4,2 and 5,0 kW	✓	✓	✓	
 Manual horizontal air flow control			✓ For 2,0, 2,5, 3,5, 4,2 and 5,0 kW	✓	✓	✓	
 Auto mode	✓	✓	✓	✓	✓	✓	✓
 Hot start mode	✓	✓	✓	✓	✓	✓	✓
 Real time clock with dual ON / OFF timer	✓	✓	✓	✓	✓	✓	
 Weekly timer							✓
 LCD infrared remote controller	✓	✓	✓	✓	✓	✓	
 Automatic restart	✓	✓	✓	✓	✓	✓	✓
 Long piping	✓ 15 m	✓ 15 m, 30 m (5,0 and 7,1 kW)	✓ 15 m, 20 m (5,0 kW), 30 m (7,1 and 6,0 kW)	✓ 15 m, 30 m (6,0 kW)	✓ 15 m	✓ 20 m, 30 m (5,0 kW)	✓ 20 m, 30 m (5,0 and 6,0 kW)
 Top-Panel maintenance access	✓	✓	✓	✓	✓	✓	✓
 Self-diagnosis function	✓	✓	✓	✓	✓	✓	✓
 RAC interface adapter for integration into S-Link	✓	✓	✓	✓	✓	✓	✓
 Wi-Fi control	✓	✓ Built-in	✓ Built-in	✓	✓	✓	✓
 Easy control by BMS	✓	✓	✓	✓	✓	✓	✓

1) At the lowest fan speed. 2) Tested by 3rd party laboratory, SP, according to EN 14511:2013 and SP Method 1721, this temperature is not guaranteed by Factory.

# Features explained

## Energy saving

### R32

REFRIGERANT

#### Refrigerant R32.

Our heat pumps containing R32 refrigerant show a drastic reduction in the value of Global Warming Potential (GWP). An important step to reduce greenhouse gases. R32 is also a component refrigerant, making it easy to recycle.



ECONAVI

#### Econavi. Sunlight sensor.

Sunlight Sensor technology can detect and reduce the waste of energy by optimising air conditioner operation according to room conditions. With just one touch of a button, you can save energy.



#### Inverter Plus system.

Inverter Plus system classification highlights Panasonic's highest performing systems.



#### Inverter.

The Inverter range provides greater efficiency and comfort. Provides more precise temperature control, without highs and lows, and keeps the ambient temperature constant with lower energy consumption and a significant reduction in noise and vibration levels.



R2 ROTARY COMPRESSOR

#### Panasonic R2 rotary compressor.

Designed to withstand extreme conditions, it delivers high performance and efficiency.

## High performance and indoor air quality



nanoe™ X

#### nanoe™ X.

Technology with the benefits of hydroxyl radicals has the capacity to inhibit pollutants, viruses, and bacteria to clean and deodorise.



PM2.5 FILTER

#### PM2.5 filter.

This filter can capture airborne particulate matter (PM2.5), including hazardous pollutants, as well as house dust and pollen.



DUST COLLECTION FILTER

#### Dust collection filter.

This filter collects and retains particles suspended in the air, resulting in cleaner air in the room.



ANTIALLERGY PROPERTIES

#### Antiallergy properties.

System is equipped with antiallergy properties filter.



INSIDE CLEANING ON DEMAND

#### Inside cleaning.

This function works to dry the inside of the indoor unit with nanoe™ X. It can inhibit certain adhered bacteria, viruses and mould with up to 99% efficiency.



18 dB(A)

#### Super Quiet.

Thanks to its latest generation compressor and its twin blade fan, our outdoor unit is one of the most silent on the market. The indoor unit emits an almost imperceptible 18 dB(A).



HUMIDITY CONTROL MILD DRY

#### Mild Dry cooling.

Fine control helps prevent a rapid decrease in room humidity while maintaining the set temperature. Maintains an RH\* up to 10% higher than cooling operation (\*RH: Relative Humidity). Ideal when sleeping with the air conditioner on.



AEROWINGS

#### Aerowings.

Panasonic's Aerowings feature incorporates two blades that concentrate the air flow to cool or heat in the shortest possible time by distributing the air evenly throughout the room.



COOLING MODE

#### Down to -10 °C in cooling mode.

The air conditioner works in cooling mode when the outdoor temperature of -10 °C.



HEATING MODE

#### Down to -15 °C in heating mode.

The air conditioner works in heat pump mode when the outdoor temperature is as low as -15 °C.



SUMMER HOUSE

#### Summer House.

This innovative function keeps the house at 8/10 or 8/15 °C to avoid freezing pipes during the winter. This function is beneficial for summer or weekend homes.



R22/R410A RENEWAL

#### R22/R410A Renewal.

The Panasonic renewal system allows good quality existing R410A or R22 pipe work to be re-used whilst installing high efficiency R32 systems.



ODOUR-REMOVING FUNCTION

#### Odour-removing function.

Allows the exchanger to be cleaned, preventing possible odours. While this function is connected, the fan also remains OFF momentarily to avoid unpleasant odours while the exchanger is being cleaned.



REMOVABLE, WASHABLE PANEL

#### Removable, washable panel.

The front panel is easy to keep clean. It can be removed quickly in one single step and can be washed in water. A clean front panel ensures smoother, more efficient operation, which can save energy.



POWERFUL MODE

#### Powerful mode.

The rapid and effective powerful mode is ideal for when you come home on the hottest or coldest days. It works at maximum power to reach the desired temperature in just 15 minutes.



SOFT DRY OPERATION MODE

#### Soft Dry operation mode.

The soft dry mode eliminates excess moisture with a soft breeze and provides a sense of wellbeing without much change in temperature.



PERSONAL AIR FLOW CREATION

#### Personal air flow creation.

Permits the air direction to be adjusted vertically and horizontally. This feature can be conveniently selected by remote controller.



AUTOMATIC VERTICAL AIR FLOW CONTROL

#### Automatic vertical air flow control.

The flap swings up and down automatically. The flap can also be set at a fixed angle with the remote controller.



MANUAL HORIZONTAL AIR FLOW CONTROL

#### Manual horizontal air flow control.



AUTO MODE

#### Auto mode.

Automatically switches the current operation mode to heating or cooling mode necessary to keep the temperature at a constantly comfortable level based on the temperature of the room. In case of multi split installation the function is limited to first unit working and logic of switching is different considering also the outdoor temperature.



HOT START MODE

#### Hot Start mode.

At the start of heating cycle and after defrost cycle, the indoor fan will start up once the indoor heat exchanger is warm.



24 HOURS

#### Real time clock with dual ON / OFF timer.

This feature enables you to preset two different sets of start/stop operation timer (hour and minute) within a 24-hour time frame.



7 DAYS

#### Weekly timer.

Allow to fix per each day of the week up to 6 operations per day.



LCD INFRARED REMOTE CONTROLLER

#### LCD infrared remote controller.



AUTOMATIC RESTART

#### Automatic restart.

This function permits automatic restarting if safe mode operation has stopped for some unusual reason, such as after a power cut. As soon as the power is back, the unit restarts with the parameters selected before it stopped.



LONG PIPING

#### Long piping.

Indicates the maximum length of pipe between the outdoor unit and the indoor unit(s). The distances permitted, demonstrate the installations possible.



TOP-PANEL MAINTENANCE ACCESS

#### Top-panel maintenance access.

Maintenance of an outdoor unit used to be quite a tedious task. Now, with the possibility of removing the top cover, maintenance is quick and easy.



SELF-DIAGNOSIS FUNCTION

#### Self-diagnosis function.

With this function the unit carries out a process self-diagnosis when a particular function does not work correctly. This allows faster servicing.

## High connectivity



INTEGRATION TO S-LINK

#### Domestic integration to S-Link - CZ-CAPRA1.

Can connect RAC range to S-Link. Full control is now possible.



WI-FI CONTROL

#### Wi-Fi control.

The Panasonic Comfort Cloud App allows users to conveniently manage and monitor Panasonic residential heat pumps from a mobile device, anytime, anywhere.












BMS CONNECTIVITY

#### BMS connectivity.





The communication port can be integrated into the indoor unit and provides easy connection to, and control of, your Panasonic air conditioner to your home or Building Management System.

# Accessories and control

## Connectivity

 <p><b>Wi-Fi adapter for smart control via Panasonic Comfort Cloud App.</b></p> <p>----- CZ-TACG1</p>	 <p><b>Interface adapter for integration into S-Link, plus external input and alarm/status output.</b></p> <p>----- CZ-CAPRA1</p>	 <p><b>KNX interface. Can be used with all models which have a CN-CNT connector (Intesis).</b></p> <p>----- PAW-AC-KNX-1i</p>
 <p><b>Modbus interface. Can be used with all models which have a CN-CNT connector (Intesis).</b></p> <p>----- PAW-AC-MBS-1</p>	 <p><b>BACnet interface. Can be used with all models which have a CN-CNT connector (Intesis).</b></p> <p>----- PAW-AC-BAC-1</p>	 <p><b>KNX interface. Can be used with all models which have a CN-CNT connector (Airzone).</b></p> <p>----- PAW-AZAC-KNX-1</p>
 <p><b>Modbus interface. Can be used with all models which have a CN-CNT connector (Airzone).</b></p> <p>----- PAW-AZAC-MBS-1</p>	 <p><b>BACnet interface. Can be used with all models which have a CN-CNT connector (Airzone).</b></p> <p>----- PAW-AZAC-BAC-1</p>	 <p><b>This interface can be used with all models which have a CN-RMT connector.</b></p> <p>----- PAW-AC-DIO</p>

## Individual controls

 <p><b>Wired remote controller for wall-mounted and floor console.</b></p> <p>----- CZ-RD517C</p>	 <p><b>Infrared remote controller Sky Remote. 2 m cable length of infrared receiver for hide-away.</b></p> <p>----- CZ-RL511D</p>	 <p><b>CONEX wired remote controller (non-wireless) for 4 way 60x60 cassette - PY3, white.</b></p> <p>----- CZ-RTC6W</p>	 <p><b>CONEX wired remote controller (non-wireless) for 4 way 60x60 cassette - PY3, black.</b></p> <p>----- CZ-RTC6</p>
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## Panel

 <p><b>Panel for 4 way 60x60 cassette - PY3.</b></p> <p>----- CZ-KPY4</p>
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## Pipe reducer

 <p><b>Reduces the connection size on the indoor unit from 1/2" to 3/8".</b></p> <p>----- CZ-MA1PA</p>	 <p><b>Increases the connection size on the outdoor unit from 3/8" to 1/2".</b></p> <p>----- CZ-MA2PA</p>	 <p><b>Reduces the connection size on the indoor unit from 5/8" to 1/2".</b></p> <p>----- CZ-MA3PA</p>
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