# Single split feature overview

| | Models | Wall-mounted Etherea | Wall-mounted TZ super-compact | Wall-mounted BZ super-compact | Wall-mounted UZ super-compact | Floor console | Low static pressure hide-away |
|---|---|---|---|---|---|---|---|
| R32 | Refrigerant R32 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | AI ECO - boost energy savings | ✔ | | | | | |
| | Inverter+ system | ✔ | | | | ✔ | |
| | Inverter system | | ✔ | ✔ | ✔ | | ✔ |
| | R2 rotary compressor | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | nanoe X Generator | ✔ Mark 3 | ✔ Mark 2 | | | ✔ Mark 3 | |
| | PM2,5 Filter | | | ✔ | | | |
| | Dust collection filter | | | | ✔ | | |
| | Antiallergy properties | ✔ | ✔ | | | ✔ | |
| | Super Quiet[1] | ✔ 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 | |
| | Internal cleaning | ✔ | | | | | |
| | Aerowings | ✔ | ✔ | ✔ | ✔ | | |
| -10 °C | Down to -10 °C in cooling only | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| -15 °C | Down to -15 °C in heating mode | ✔ -20 °C | ✔ | ✔ | ✔ | ✔ | ✔ |
| | 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 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| 24 | Real time clock with dual ON / OFF timer | ✔ | ✔ | ✔ | ✔ | ✔ | |
| 7 | Weekly timer | | | | | | ✔ |
| | LCD infrared remote controller | ✔ | ✔ | ✔ | ✔ | ✔ | |
| | Automatic restart | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| | Long piping | ✔ 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 | ✔ Built-in | ✔ Built-in | ✔ Built-in | |
| | Easy control by BMS | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| 5 | Warranty on the compressor | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

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.

NATURAL REFRIGERANT R290 WITH GWP 3. Natural refrigerant R290 has low Global Warming Potential (GWP) of just 3, helping reduce $CO_2$ emissions and environmental impact.

REFRIGERANT R32. Our heat pumps containing R32 refrigerant show a drastic reduction in the value of Global Warming Potential (GWP).

EXCEPTIONAL SEASONAL COOLING EFFICIENCY BASED ON THE ERP REGULATION. Higher SEER ratings mean greater efficiency and year-round cooling savings!

EXCEPTIONAL SEASONAL HEATING EFFICIENCY BASED ON THE ERP REGULATION. Higher SCOP ratings mean greater efficiency and year-round heating savings!

AI ECO MODE - Boost energy savings by up to 20% in cooling mode. Learns room conditions and balances energy saving with faster cooling

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.

Panasonic R2 rotary compressor.
Designed to withstand extreme conditions, it delivers high performance and efficiency.

## High performance and indoor air quality.

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

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

SUPER QUIET. With Super Quiet technology our devices are quieter than a library.

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

MORE COMFORT WITH 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.

STATIC PRESSURE UP TO 7 MMAQ. Low static pressure hide-away with selectable static pressure up to 7 mmAq.

FILTER INCLUDED.
Hide-away with filter included.

DOWN TO -10 °C IN COOLING MODE. The air conditioner works in cooling mode when the outdoor temperature of -10 °C.

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.

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

ANTIALLERGY PROPERTIES. System is equipped with antiallergy properties filter.

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.

## High performance and indoor air quality (cont.).

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

AUTOMATIC VERTICAL AIR FLOW CONTROL. The flap swings up and down automatically. The flow can also be set at a fixed angle with the remote controller.

MANUAL HORIZONTAL AIR FLOW CONTROL.

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

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.

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

LCD INFRARED REMOTE CONTROLLER.

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

5 YEARS COMPRESSOR WARRANTY. We guarantee the outdoor unit compressors in the entire range for five years.

## High connectivity.

DOMESTIC INTEGRATION TO S-LINK - CZ-CAPRA1. Can connect RAC range to S-Link. Full control is now possible.

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. Panasonic air conditioners offer seamless integration into a Building Management System (BMS) using an optional gateway.