






ENERGY SAVING


Econavi
 The sensor determines the human activity level and the position in the room and adjust the air flow orientation for maximum comfort and maximum savings, and detects changes in sunlight intensity and judges whether it is sunny or cloudy/night. It reduces unnecessary heating under more sunlight conditions.

Econavi Sunlight Detection
 Detects changes in sunlight intensity and judges whether it is sunny or cloudy/night. It reduces the heating and therefore wasted energy under more sunlight conditions.


Inverter Plus System
 Inverter plus products improve on the characteristics of standard Inverter air conditioners by over 20%. This means 20% less consumption and 20% off your electric bill. Inverter plus is also A class on cooling and heating mode.


Inverter system
 The Inverter range provides greater efficiency, more 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.


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


HIGH PERFORMANCE AND HEALTHY AIR

Nanoe
 Nanoe utilises nano-technology fine particles to purify the air in the room. It works effectively on airborne and adhesive micro-organisms such as bacteria, viruses and mould thus ensuring a cleaner living environment. Seal of Approval of the British Allergy Foundation.


PM2.5 Filter
 Particulate matter (PM2.5) can be found suspended in the air, including dust, dirt, smoke and liquid droplets. Sized at 2,5µm, these particles are said to pose health problems as they can easily enter our lungs.

Antiallergy Properties
 System is equipped with antiallergy properties filter.


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).


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
 More comfort with Aerowings. Direct airflow to ceiling to create shower cooling effect by twin flap built in indoor.


Down to -10°C in cooling only mode
 The air conditioner works in cooling only mode with an outdoor temperature of -10°C.


Down to -15°C in heating mode
 The air conditioner works in heat pump mode with an outdoor temperature as low as -15°C.


Heatcharge
 This innovative, newly developed technology charges heat and uses it for heating. Thanks to this system, you can enjoy incredibly powerful, comfortable air conditioner heating.


Summer House
 This innovative function keeps the house at 7/8°C to avoid freezing pipes during the winter. This function is highly appreciated in summer house or week end houses.


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


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


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


Automatic Vertical Airflow Control
 The flap swings up and down automatically. The flow can also be set at a fixed angle with the remote control.


Manual Horizontal Airflow Control


Auto Mode (Inverter)
 Automatically changes from cooling to heating depending on the set temperature for the room.


Simple Auto Changeover
 When the difference between the measured temperature and the set temperature is 3°C or more, it automatically switches the current operation mode to heating or cooling mode necessary to keep the temperature at a constantly comfortable level.


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.


Real time clock with single ON&OFF timer
 The exact operating time (hour and minute) can be set in advance. From here on, the unit will operate in accordance to these preset hours every day until the system is reset.

LCD Wireless 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.

HIGH CONNECTIVITY

CZ-CAPRA1: CZ-CNT port integration to PACi and ECOi
 New Domestic integration to P-Line. Can connect ranges to P-Line. Full control is now possible.

Internet Control
 Internet Control is a next generation system providing user-friendly remote control of air conditioning or heat pump units from everywhere, using a simple Android or iOS smartphone, tablet or PC via internet.

Easy control by BMS
 The communication port is integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or building management system.

5 Years Warranty.
 Panasonic guarantees the compressors in the entire range for five years.

MODELS	WALL MOUNTED ETHEREA INVERTER+ SILVER • R32 GAS	WALL MOUNTED ETHEREA INVERTER+ WHITE • R32 GAS	WALL MOUNTED ETHEREA INVERTER+ WHITE	WALL MOUNTED VZ INVERTER+ • R32 GAS	WALL MOUNTED T2 TYPE STANDARD INVERTER • R32 GAS	WALL MOUNTED RE TYPE STANDARD INVERTER	WALL MOUNTED PROFESSIONAL INVERTER -15°C	FLOOR CONSOLE TYPE INVERTER+	4-WAY 60x60 CASSETTE INVERTER	LOW STATIC PRESSURE HIDE AWAY INVERTER
Econavi	✓	✓	✓	✓						
Econavi Sunlight Detection			✓	✓						
Inverter+ system	✓	✓	✓	✓			✓	✓		
Inverter system					✓	✓			✓	✓
R2 Rotary Compressor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Refrigerant R32	✓	✓		✓	✓					
Nanoe	✓	✓	✓	✓						
PM2.5 Filter					✓					
Antiallergy properties	✓	✓	✓ 3rd party tested	✓		✓				
Super Quiet*	✓ 19 dB(A) for XZ7, XZ9 and XZ12	✓ 19 dB(A) for Z7, Z9 and Z12		✓	✓ 20 dB(A) for TZ9 and TZ12	✓ 22 dB(A) for RE9-12	✓ 23 dB(A) for E9	✓ 23 dB(A) for E9	✓ 23 dB(A) for E9 and E12	
Mild Dry Cooling	✓	✓	✓							
Aerowings	✓	✓								
Down to -10°C in cooling only			✓				✓ -15°C		✓	✓
Down to -15°C in heating mode			✓			✓	✓	✓ -20°C	✓ -10°C	✓ -10°C
Heatcharge				✓						
Summer House				✓						
R22 renewal			✓	✓		✓	✓	✓	✓	✓
R410A/R22 Renewal	✓	✓			✓					
Odour-removing function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Removable, washable panel	✓	✓	✓	✓	✓	✓	✓	✓		
Powerful mode	✓	✓	✓	✓			✓	✓	✓	✓
Soft dry operation mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Personal airflow creation	✓	✓	✓	✓	✓ For TZ18 and TZ24	✓ For RE18 and RE24				
Automatic vertical airflow control					✓ For TZ9 and TZ12	✓ For RE9 and RE12	✓	✓		
Manual horizontal airflow control					✓ For TZ9 and TZ12	✓ For RE9 and RE12	✓	✓		
AUTO mode (Inverter)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Simple Auto Changeover	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hot start mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Real time clock with dual ON&OFF timer	✓	✓	✓	✓			✓			
Real time clock with single ON&OFF timer					✓	✓		✓	✓	✓
LCD Wireless remote controller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic restart	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Long piping	✓ 15 m 20 m (XZ18)	✓ 15 m 20 m (Z18)	✓ 20 m (E21) 30 m (E24-28)	✓ 15 m	✓ 15 m 20 m (TZ18) 30 m (TZ24)	✓ 15 m 20 m (RE18) 30 m (RE24)	✓ 15 m 20 m (E18)	✓ 15 m 20 m (E18)	✓ 20 m 30 m (E18-21)	✓ 20 m 30 m (E18)
Top-Panel maintenance access	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Self-diagnosis function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CZ-CAPRA1: CZ-CNT port integration to PACi and ECOi	✓	✓	✓	✓	✓		✓		✓	✓
Internet Control	✓	✓	✓	✓	✓	✓		✓		
Easy control by BMS	✓	✓	✓	✓	✓ PCB Dry Contact	✓ PCB Dry Contact	✓		✓	✓
Warranty on the compressor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* At the lowest fan speed.