

VIVAX
20
YEARS

RELIABILITY

SAVING ENERGY

Catalogue of
air conditioners
2024



VIVAX. FOREVER.

2017

It was developed an air conditioner that works at outdoor temperature of -32 °C, both during heating and cooling mode. 73 different air conditioners in the offer.

2018

The seventh generation of multi-split air conditioners. The sixth generation of commercial air conditioners. Best Buy Award 2018 / 2019.

2019

Popular R Design in new colours. R32 gas in all air conditioners. Corrosion protection agent in outdoor units. Qudal Award 2019 / 2020.

2020

The first generation of heat pumps.

2021

Present in more than 35 countries.

2022

90 different airconditioners in the offer.

2023

Expansion of the air conditioning range to VRF air conditioning systems.

2024

VIVAX
20
YEARS

We are proudly celebrating 20 years, always striving not only provide top quality products, but also a memorable experience.

2004

First VIVAX air conditioners on the market.

2006

The first multi-splits and the first accessories for air conditioners.

2008

The second generation of commercial and multi-split air conditioners.

2013

The fourth generation of multi-split air conditioners. The third generation of commercial air conditioners.

2015

The fifth generation of multi-split air conditioners. The fourth generation of commercial air conditioners. The first Wi-Fi air conditioners, 61 devices in the offer.

2005

First inverter, mobile and cassette air conditioners.

2007

The first floor-ceiling air conditioner.

2011

The third generation of multi-split air conditioners.

2014

Super free match system was introduced. 59 air conditioners in the offer.

2016

The sixth generation of multi-split air conditioners. The fifth generation of commercial air conditioners. 65 different air conditioners in the offer.

Present in **more than 35** countries

Already 20 years users in **over 35 markets** have had trust in VIVAX air conditioners.

Top quality and timeless design have found their way to many homes, which, thanks to the VIVAX air conditioners and regardless of the season, are always at the optimum temperature.



Africa



Outdoor unit

1 Improved fan and air exhaust duct

Based on natural models and bionic principles, VIVAX fan blade design effectively reduces airflow resistance and noise. Together with the optimized air duct, it delivers the same volume of air flow with 30 % lower energy consumption.

2 Inverter control panel

The V-PAM inverter control panel reduces the effects of magnetic circle and increases the maximum speed and efficiency of the compressor using vector control technology. This technology achieves further miniaturisation, greater efficiency and better performance.

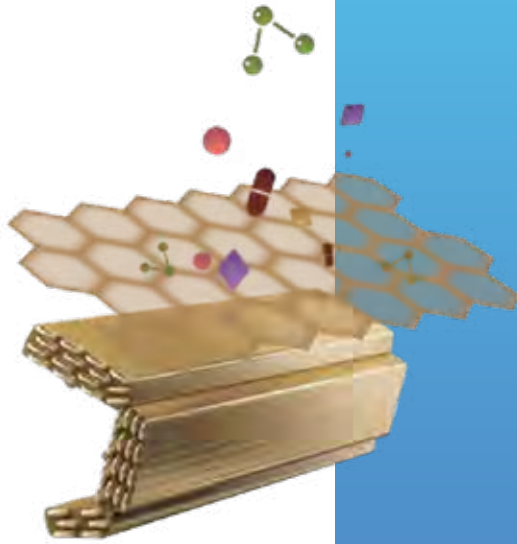
3 Inner hose of the heat exchanger

A more densely serrated shape was applied to the tubular copper parts to increase the heat exchange area. The latest heat exchanger has increased number of teeth from 45 to 54, further improving the efficiency of heat transfer.



4 Twin rotary compressor

The twin rotary compressor is a system that rotates at a symmetrical angle of 180° ensuring low vibration and noise due to low torque.



Golden Fin technology

The VIVAX air conditioner equipped with Golden Fin technology is more resistant to rust caused by moisture, accelerates the defrosting cycle of the outdoor unit, harder to attract grease, oxidative and other corrosive substances than Blue Fin technology commonly used to protect heat exchangers in air conditioners.





VIVAX TECHNOLOGY FOR HEALTH

The ionizer in VIVAX air conditioners ionizes the air releasing positive and negative ions for air sterilization with an efficiency of up to 97.5 %. During ionization, the particles in the air become heavier and fall to the ground, after which they are easily cleaned. This process allows breathing cleaner air from which pollutants, allergens, bacteria and viruses are removed, and thus at the same time increases blood oxygen levels, improves metabolism, concentration and alertness.



HIGHEST ENERGY EFFICIENCY CLASS IN HEATING AND COOLING

With VIVAX air conditioners, it could be enjoyed both heating and cooling your home with the highest energy efficiency class, while saving significantly. Among the VIVAX air conditioners, you can find devices that maintain a 100 % operating capacity of down to -15 °C. This means that even at such a low temperature, you will get up to 5.3 kW of heating energy for 1 kW of electricity consumed.



WI-FI AIR CONDITIONER CONTROL

Ability to access the VIVAX air conditioner at any time and from anywhere, thanks to the built-in Wi-Fi module and the VIVAX exclusive air conditioning control application. One touch on the mobile device selects the desired temperature - in the summer months you enter a perfectly cooled home, and in the winter in an optimally heated space. In addition to switching on and off, a timer can be set via the mobile app, find out in which mode the air conditioner is operating or a potential malfunction can be diagnosed.



3D Inverter

Top performance for endless challenges. The exclusive inverter compressor and fan inverter motor technology of indoor and outdoor units empowers VIVAX air conditioners to provide best-in-class performance, power, efficiency, speed and stability in all conditions throughout the life cycle of the unit.

PEACEFUL SLEEP WITH QUIET WORK

Enjoy pleasant and quiet nights with minimal noise up to 18.4 dB.



Wall split system Y Design

A+++ Cooling SEER 9.2
A+++ Heating SCOP 5.3



ENERGY SAVING



R32 gas



Night mode



Dust filter



Self-cleaning



Biofilter



1.0 W Standby



ECO mode



Anti-corrosion protection - gold coating



Ionizer

HEALTH

RELIABILITY



Cooling at a temp. of -32 °C



Heating at a temp. of -32 °C



3D DC Inverter



Error detection and display



Refrigerant leak detection sensor



Emergency function



The protective cover of the valve



Chasis heating belt



Compressor heating belt



Intelligent defrosting



Operation at low voltage

COMFORT AND CONVENIENCE



Last mode memory



Timer



Louver position memory



Motion detector



3 air flow speeds



Heating at 8 °C



Automatic operating mode



Turbo



Digital display



Humidity control



3D air flow



Manual control



Follow me function



Silent operation



Two-way condensate drain hose



Auto swing



12 air flow speeds



Soft start



Wi-Fi control

Cooling

Model	ACP-12CH35AEYIs R32
Capacity (W)	3517 (1031-4816)
Energy efficiency class	A+++
Energy Efficiency SEER	9.2
Cooling operating range	-32 °C ≤ T ≤ 50 °C
Estimated load on cooling (W)	3500
Power input (W)	748 (102-1955)

Heating

Capacity (W)	4250 (753-7200)
Energy efficiency class	A+++
Energy Efficiency SCOP	5.3
Heating operating range	-32 °C ≤ T ≤ 30 °C
Estimated load on heating (W)	2200
Power input (W)	924 (104-2625)

Indoor unit

Air flow (m³ / h) - HI / MID / LOW	575 / 497 / 340
Dehumidifying capacity (L / h)	1.2
Noise - Sound Pressure (dB (A)) - HI / MID / LOW	43 / 34 / 24
Sound power level (dB)	≤ 59
Packaging dimensions (mm)	985 x 370 x 350
Product dimensions (mm)	895 x 248 x 298
Gross / net weight (kg)	17.5 / 12.7

Outdoor unit

Noise - Sound Pressure (dB (A))	≤ 55.5
Sound power level (dB)	≤ 60
Refrigerant	R32
Bracket distance (mm)	511
Packaging dimensions (mm)	915 x 370 x 615
Product dimensions (mm)	805 x 330 x 554
Gross / net weight (kg)	34,8 / 32,3

Connections

Liquid phase pipe diameter	1 / 4"
Gas phase pipe diameter	3 / 8"
Maximum pipe length (m)	25
Maximum height difference (m)	10
Pre-filled pipe length (m)	5
Gas refill (g / m)	12

Power Supply

Power interconnect cable (mm²)	5 x 1.5
Power Supply IU / OU 220-240 V / 1 / 50 Hz (mm²)	3 x 1.5

A+++ Heating & cooling

Advanced inverter technology enables the air conditioner to operate efficiently and in very extreme weather conditions. It can be enjoyed in heating even at an outdoor temperature of -32 °C, and with 100 % capacity down to -15 °C.

OPERATION AT FULL CAPACITY AT -15 °C

When temperatures drop to as low as -15 °C, VIVAX air conditioners from the Y Design series continue to operate at full capacity. In the case of such low temperatures, air conditioners in this series produce 5.3 kW of heating energy for 1.0 kW of electricity consumed.



Motion sensor

The intelligent motion sensor can automatically identify human activity in the room and adjust the operation of the air conditioner accordingly. When people are in the room, strong cooling is activated, and when they leave it, the device continues to operate at a reduced speed.

