

**VIVAX**  
**20**  
**YEARS**

**RELIABILITY**

**SAVING ENERGY**

Catalogue of  
air conditioners  
**2024**



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# Why VIVAX?

## SAVING ENERGY

VIVAX air conditioners have the highest class of energy efficiency, up to A+++. Exclusive inverter technology ensures savings on energy costs as much as 30%. Each remote control has a "follow me" function for additional savings through intelligent space heating.

## HEALTH

VIVAX air conditioners take care of your health. Super ionizer releases a high concentration of positive and negative ions that clean the air of allergens. Bio HEPA filtration system removes particles up to PM 0.3 in the air, ensuring clean and fresh air.

## RELIABILITY

VIVAX air conditioners work reliably at all temperatures. Compressor and condenser heaters are controlled by the main processor of the air conditioner, which enables smooth and safe operation of the device at low temperatures, even down to -32 °C. VIVAX air conditioners are very easy to start at low voltage, and the protective valve cover on the outdoor unit prevents condensed water from dripping and protects the valves from external influences.

## COMFORT AND PRACTICALITY

VIVAX air conditioners allow you to enjoy the comfort of your home. An intelligent motion sensor automatically identifies human activity in the space and adjusts the climate. The directional air outlet automatically moves horizontally and vertically, efficiently directing the flow. Memorizing the position of the air deflector will remember the last set position before turning off the device. The built-in Wi-Fi module and application enable smart control of air conditioners, so that entering in the room you can feel a perfectly cooled home or a comfortably heated space.



The guarantee for VIVAX air conditioners is 60 months with mandatory installation and mandatory annual service by an authorized service. We believe in the quality of VIVAX air conditioners and guarantee their correctness for up to 5 years. It is a regular warranty on our devices, and after purchase, additional device registration is not required in order to realize the warranty. You can find detailed information on warranty conditions and a list of authorized service providers at [vivax.hr/en/](http://vivax.hr/en/).

# 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.

**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**





# VIVAX air conditioners 2024

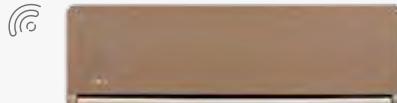
## Wall split systems

**Y Design**



3,5 kW

**H+ Design**



3,5 kW | 5,3 kW



**R+ Design**



2.6 kW | 3.5 kW | 5.3 kW | 7.0 kW



**M Design**



2.6 kW | 3.5 kW | 5.3 kW | 7.0 kW

**N Design**



3.5 kW | 5.3 kW

**Q Design**



2.6 kW | 3.5 kW | 5.3 kW | 7.0 kW

**X Design**



3.5 kW

## Commercial split systems

Floor  
split system  
**CT AERI**



3.5 kW | 5.0 kW

Floor-ceiling  
split system  
**CF AERI**



5.3 kW | 7.0 kW  
10.5 kW | 14.1 kW  
15.8 kW

Cassette  
split system  
**CC AERI**



3.5 kW | 5.3 kW  
7.0 kW | 10.6 kW  
14.1 kW | 15.2 kW

Duct  
split system  
**DT AERI**



3.5 kW | 5.3 kW  
7.0 kW | 10.6 kW  
14.1 kW | 15.2 kW

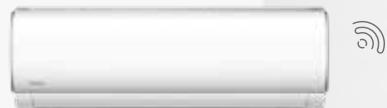
Self-standing floor  
split system  
**FS AERI**



7.0 kW | 14.1 kW  
16.1 kW

## Multi-split systems

Wall indoor unit  
**AEMI**



2.1 kW

Wall indoor unit  
**AERI**



2.6 kW | 3.5 kW | 5.3 kW



Floor indoor unit  
**CT AERI**



2.6 kW | 3.5 kW | 5.0 kW

Floor-ceiling  
indoor unit  
**CF AERI**



5.3 kW

Cassette indoor  
unit  
**CC AERI**



2.6 kW | 3.5 kW | 5.3 kW

Duct indoor unit  
**DT AERI**



3.5 kW | 5.3 kW

Outdoor unit  
**COFM AERI**



4.1 kW | 5.3 kW | 6.2 kW | 7.9 kW  
8.2 kW | 10.6 kW | 12.1 kW

# Description of functions for VIVAX air conditioners

## ENERGY SAVING



### ECO mode

The new VIVAX air conditioners in ECO mode save an additional 60 % through eight-hour mode.



### 1.0 W Standby

Air conditioner in standby mode consumes 1.0 W of energy per day.



### Night mode

The temperature automatically rises or falls slightly to maintain a comfortable room temperature and to reduce energy consumption at the same time.



### Biofilter

It is composed of special biological enzyme and eco filters that trap dust, neutralise and destroy bacteria, fungi and microbes.



### Catalyst filter

It eliminates toxic gases and unpleasant odours.



### Dust filter

Mesh dust filters help to stop dust particles in the air conditioner, thus improving the air quality in the room.



### Self-cleaning

The indoor unit will continue to work to dry and clean the remaining condensate.

## HEALTH



### Ionizer

It releases negative ions, eliminates unpleasant odours, dust, smoke and pollen. Provides fresh and clean air.



### Anti-corrosion protection - gold coating

Special anti-corrosion coating for the heat exchanger protects from atmospheric phenomena and effects of aggressive environment. It helps in speeding the process of defrosting the unit and better heating efficiency.



### The protective cover of the valve

The protection of connecting valves on the outdoor unit prevents dripping of the condensed water and protects the valves from external influences.



### Intelligent defrosting

If it is necessary, defrosting is activated automatically. It improves the efficiency of the device when heating and saves energy.



### Error detection and display

It displays a description of the error to solve the problem faster and easier.



### Refrigerant leak detection sensor

The indoor unit will display an "EC" error and will automatically stop working if refrigerant leaks to prevent damage to the compressor.



### 100 % capacity at -15 °C

Despite the low temperatures, the device works at 100 % capacity.



### Cooling in extreme conditions

Allows the device to operate in cooling mode at low outdoor temperatures.



### Operation at low voltage

Ability to work in low voltage conditions.



### Emergency function

In the case of the temperature sensor error, the ordinary air conditioner will display an error and stop operating while the VIVAX air conditioner will continue to operate, if necessary.



### Heating in extreme conditions

The device can be used for room heating at low outdoor temperatures with high efficiency.



### PTC compressor and condenser heaters

Additional heaters, one of which is used to reheat the oil in the compressor and the other improves the defrosting of the outdoor unit. Heater operation is controlled via the main processor. This method of control enables uninterrupted and safe operation of the devices when the outside temperature reaches up to -32 °C.



### 3D DC Inverter

The inverter fan motor of the indoor and outdoor unit empowers the VIVAX air conditioners to provide best-in-class performance.



### Wi-Fi ready

The air conditioner has the ability to expand the functions by purchasing a Wi-Fi module that connects to a home wireless network.



### Multi compatibility

The indoor unit is compatible with multi-system.



### Heating at 8 °C / 10 °C

Protection against subcooling below 8 °C / 10 °C.



### Condensate drain pump

Condensate drain pump from the Indoor unit.



### Wired control device

The wired control device is installed in a fixed position on the wall.



### 360° air flow

It enables air to reach every corner of the room with individual air exhaust control from all sides of the air conditioners.



### Turbo

Function for the powerful heating or cooling of the room.



### Follow me function

The device automatically adjusts the temperature to the desired level with the help of an additional sensor on the remote control.



### Silent operation

Possibility to turn off the sound signal when operating the air conditioner for a more comfortable atmosphere.



### Auto swing

If the system has an automatic exhaust, then its louvers move up and down on their own.



### 12 air flow speeds

12 automatic fan speeds of the indoor unit.



### Motion detector

With a built-in motion detector, the exhaust adapts to your own wishes and needs.



### Soft start

It protects the air conditioner from high electricity voltage during start-up.



### Timer

The timer enables the air conditioner to start and stop within 24 hours.



### Manual control

The air conditioner can be easily turned on or off by pressing a button located on the outside of the indoor unit.



### 3 air flow speeds

Possibility to select the fan speed of the indoor unit.



### 3D air flow

It uses automatic horizontal and vertical movements of the louver to ensure equal air distribution throughout the room.



### Humidity control

Smart sensors control the temperature and humidity from 35 % to 85 %.



### Wi-Fi control

The air conditioner has a Wi-Fi module that connects to a home wireless network and connects to a mobile application.



### Strong air flow

Air exhaust range up to 20 m.



### Digital display

Hidden digital display.



### Two-way condensate drain hose

A drain hose can be installed on both sides of the indoor unit, making installation easier.



### Louver position memory

The air deflectors will automatically return to the position they were in when the air conditioner was turned off.



### Automatic operating mode

By selecting this function, the air conditioner automatically sets the fan speed of the Indoor unit and the operating mode, comparing the set temperature and current room conditions.



### Last mode memory

The air deflectors will automatically return to the position they were in when the air conditioner was turned off.



### Smart airflow

In heating mode the air conditioner blows warm air vertically down to the floor, while in cooling mode the air conditioner blows cold air horizontally up into the ceiling.



### Whisper air

Quiet operation of the air conditioner.

# Overview of functions by models

| MULTI-SPLIT                       | ECO MODE | 1.0 W STANDBY | NIGHT MODE | ENERGY SAVING MODE | BIOFILTER | CATALYST FILTER | DUST FILTER | IONIZER | SELF-CLEANING | GOLD COATING | THE PROTECTIVE COVER OF THE VALVE | INTELLIGENT DEFROSTING | ERROR DETECTION AND DISPLAY | REFRIGERANT LEAK DETECTION SENSOR | 100 % CAPACITY AT -15 °C | OPERATION AT LOW VOLTAGE | PTC COMPRESSOR AND CONDENSER HEATERS | EMERGENCY FUNCTION | COOLING AT A TEMPERATURE OF -15 °C | COOLING AT A TEMPERATURE OF -20 °C | COOLING AT A TEMPERATURE OF -25 °C | HEATING AT A TEMPERATURE OF -15 °C | HEATING AT A TEMPERATURE OF -20 °C | HEATING AT A TEMPERATURE OF -25 °C |   |
|-----------------------------------|----------|---------------|------------|--------------------|-----------|-----------------|-------------|---------|---------------|--------------|-----------------------------------|------------------------|-----------------------------|-----------------------------------|--------------------------|--------------------------|--------------------------------------|--------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|---|
| Y Design                          | •        | •             | •          |                    | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| H+ Design                         | •        | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| R+ Design                         |          | •             | •          | •                  | •         | •               | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| N Design                          | •        | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| M Design                          |          | •             | •          | •                  | •         | •               | •           |         | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| Q Design                          |          | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| X Design                          |          | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| FLOOR SPLIT SYSTEMS               | •        | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| FLOOR-CEILING SPLIT SYSTEMS       | •        | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| CASSETTE SPLIT SYSTEMS            | •        | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| DUCT SPLIT SYSTEMS                | •        | •             | •          | •                  | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| SELF-STANDING FLOOR SPLIT SYSTEMS | •        | •             | •          | •                  |           |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| WALL INDOOR UNITS                 |          |               |            |                    | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| FLOOR INDOOR UNITS                |          |               |            |                    | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| FLOOR-CEILING INDOOR UNITS        |          |               |            |                    | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| CASSETTE INDOOR UNITS             |          |               |            |                    | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| DUCT INDOOR UNITS                 |          |               |            |                    | •         |                 | •           | •       | •             | •            | •                                 |                        |                             | •                                 | •                        | •                        | •                                    | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |
| OUTDOOR UNITS                     |          |               |            |                    | •         |                 |             |         |               |              |                                   |                        |                             |                                   |                          |                          |                                      | •                  | •                                  | •                                  | •                                  | •                                  | •                                  | •                                  | • |



# Overview of remote and wired controls

## Remote control

### RG10N2 (D2S)

CC AERI (7.0 kW, 12.0 kW,  
14.0 kW, 16.0 kW)



#### BREEZE AWAY button

The BREEZE AWAY function avoids direct exhaust to a person or object in the room.

#### VANE button

The VANE function adjusts the louvers on the Indoor unit.

## Remote control

### RG10A (D2S)

CT AERI

CF AERI

CC AERI (3.5 kW, 5.0 kW)

DT AERI

FS AERI



#### FAN button

The FUN function selects the fan speed in the following order:  
AUTO %, 20 %, 40 %, 60 %, 80 %, 100 %.

## Wired control VIVAX-KJR-120N

CC AERI

CF AERI

DT AERI



#### TIMER button

The TIMER button sets daily and weekly timer.

#### DAY OFF / DELAY button

The DAY OFF and DELAY functions let you pause or delay your air conditioning unit without resetting the TIMER, keeping your preset schedule intact.



#### ECO GEAR button

The ECO GEAR function allows to enter into the energy-efficient mode in the following order:  
ECO, GEAR (75 %), GEAR (50 %), Previous setting mode, ECO.



**Remote control**  
**RG10P1(G2HS)/BGEF**  
Y Design R32

**INTELLIGENT EYE button**

The INTELLIGENT EYE function detects the activities of the people in the room to save energy.

**HUMIDITY button**

The HUMIDITY function adjusts the humidity in the room during dry operation in the range of 35 % ~ 85 %. Press the button to increase humidity in the span of 5 %.



**Remote control**  
**RG10B1(E)/BGEF**  
R+ Design R32

**CLEAN button**

The CLEAN function enables or disables self-cleaning of the air conditioner.



**Remote control**  
**RG10X1(G2HS)/BGEF**  
H+ Design R32

**CASCADE button**

The CASCADE function allows the entire room to be cooled evenly.



**Remote control**  
**RG10B1(E)/BGEF**  
N Design R32

**TURBO button**

The TURBO function allows reaching of the desired temperature in the shortest possible time.

**SWING button**

The SWING function allows control of the horizontal air louver.



**Remote control**  
**RG10A1(D)/BGEF**  
M Design  
Q Design  
X Design

**SET button**

The SET function allows selection of the additional circle-functions as Follow me function or AP mode.

# Outdoor unit

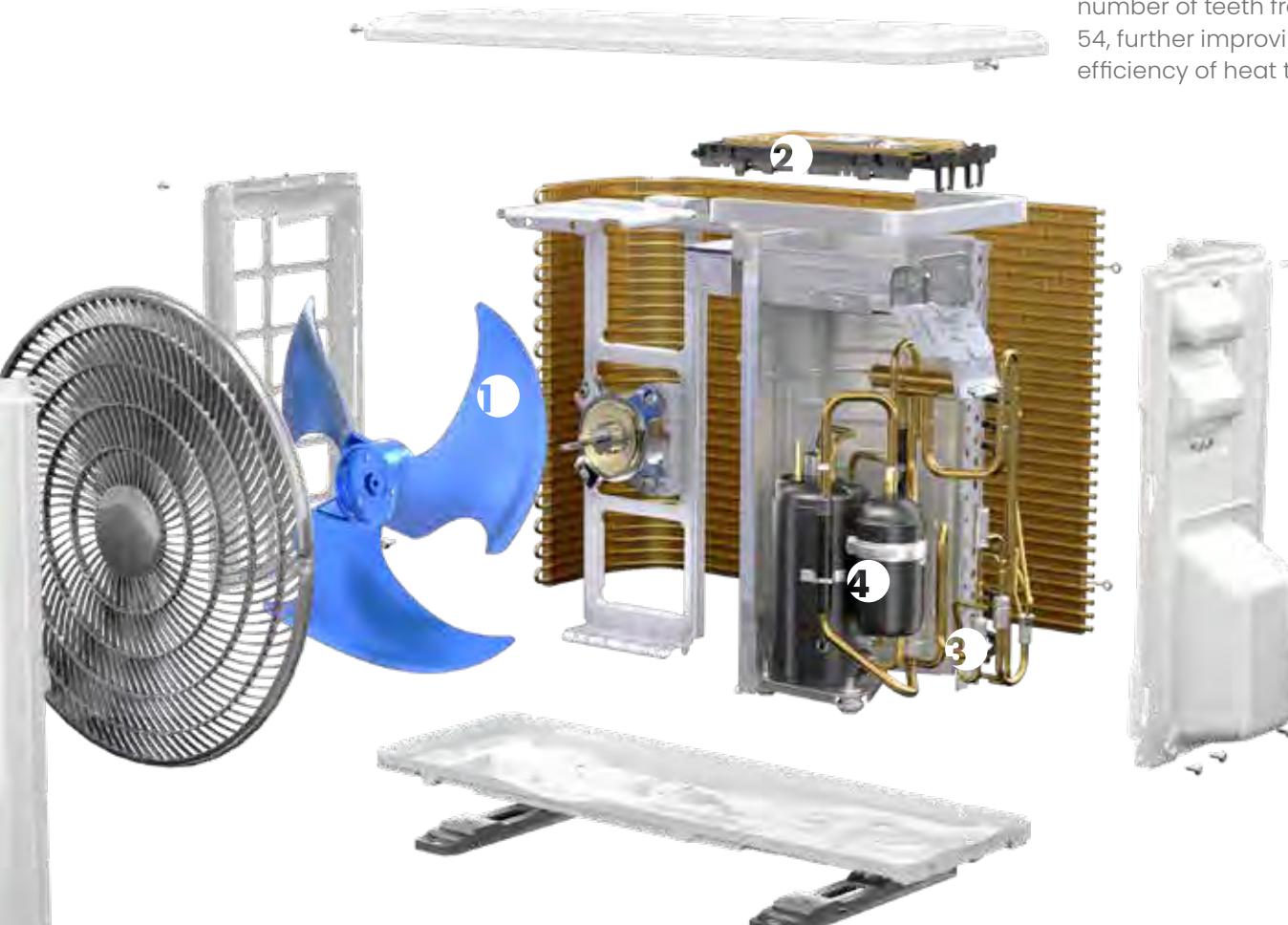
## 1 Improved fan and air exhaust duct

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.

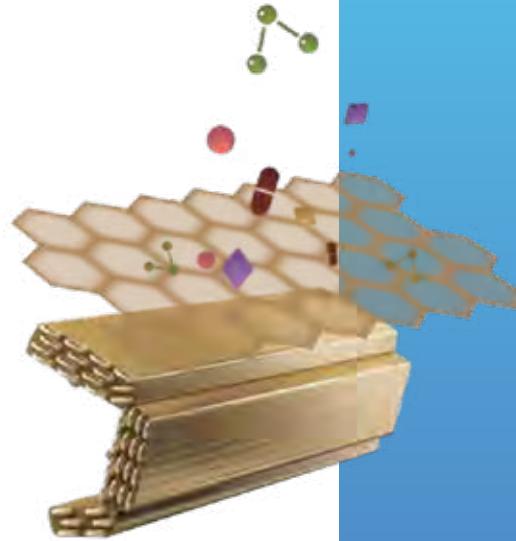


## 4 Twin rotary compressor

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

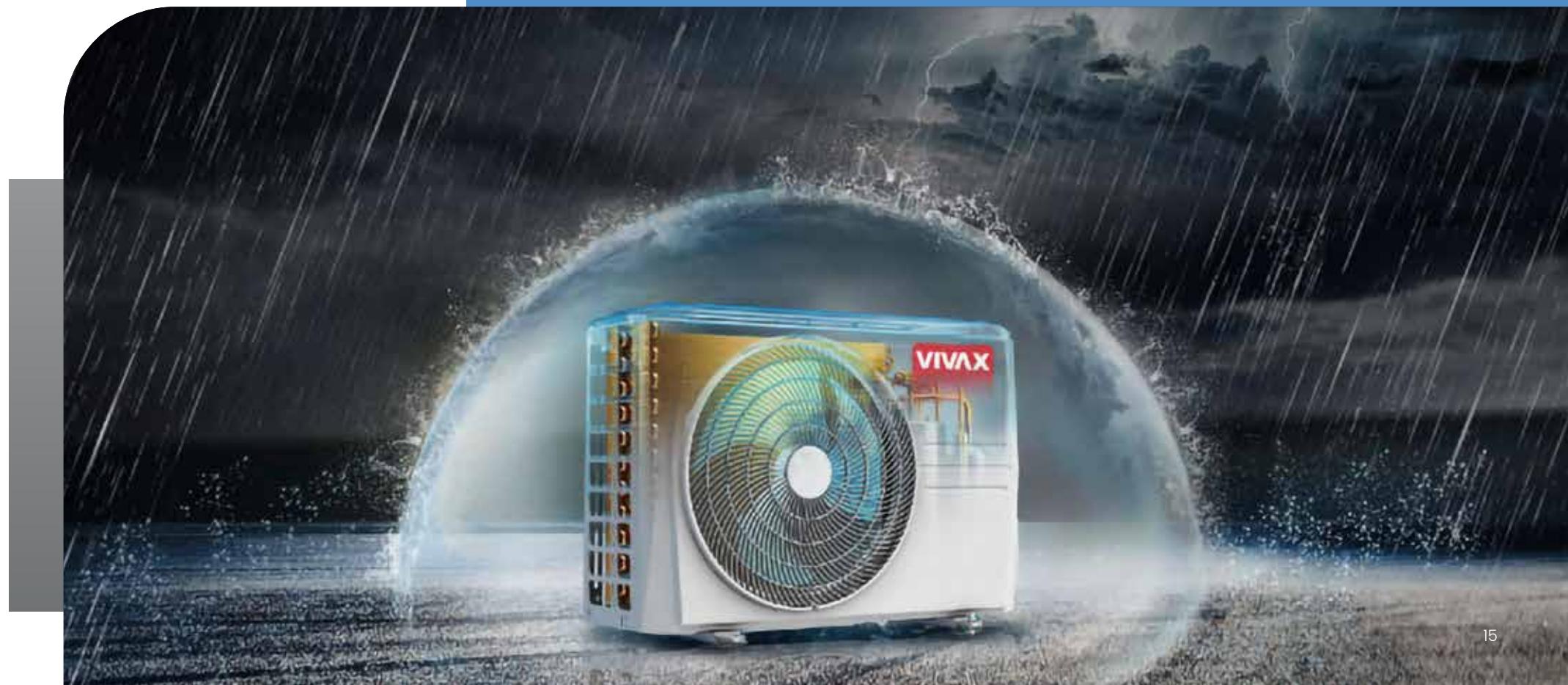
## 3 Inner hose of the heat exchanger

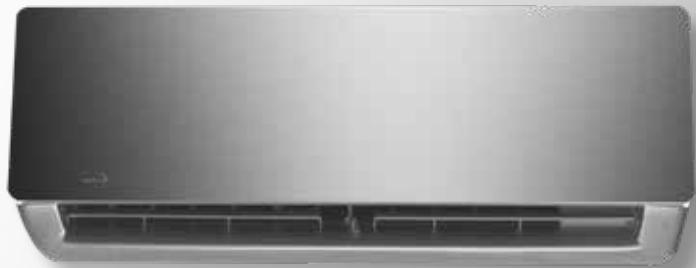
A more densely serrated shape was applied to the tubular copper parts to increase the heat exchange area. The latest heat exchanger has increased number of teeth from 45 to 54, further improving the efficiency of heat transfer.



# 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.





# Wall split systems

## DC inverter





## 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.

## 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.



## 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.



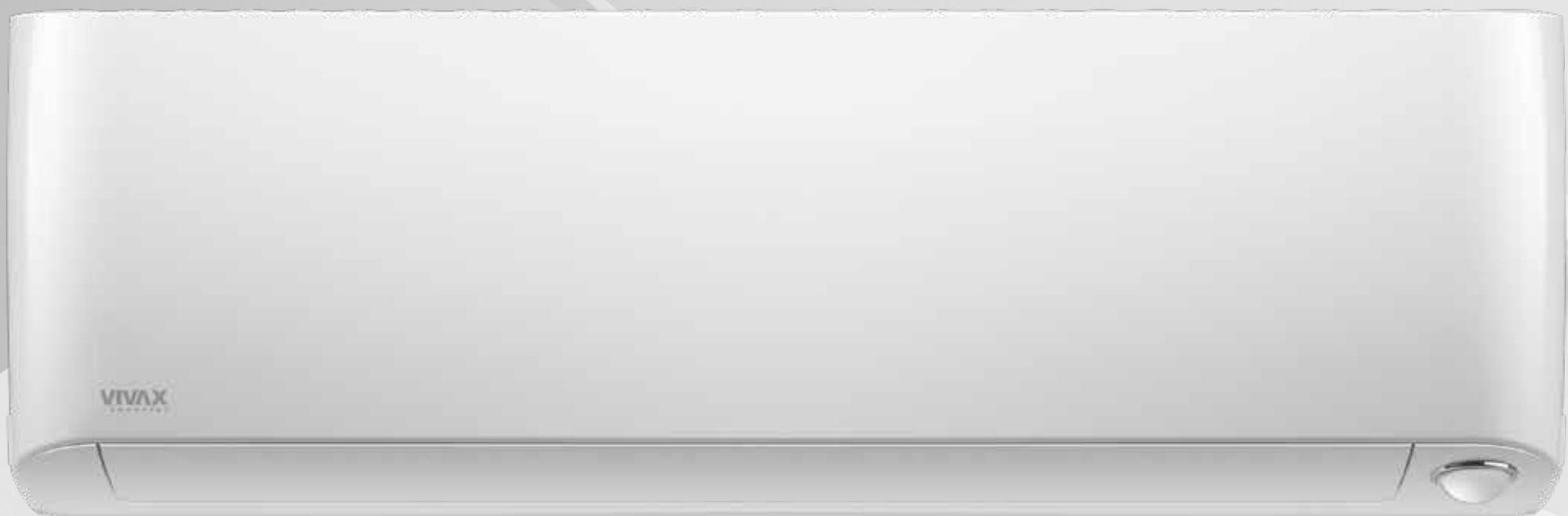
## PEACEFUL SLEEP WITH QUIET WORK

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



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



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

**HEALTH**



1.0 W  
Standby



ECO  
mode



Anti-corrosion  
protection -  
gold coating



Ionizer



The protective  
cover of the  
valve



Chassis  
heating  
belt



Compressor  
heating  
belt



Intelligent  
defrosting



Operation  
at  
low  
voltage

**RELIABILITY**



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

**COMFORT AND CONVENIENCE**

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

## Cooling

## Heating

## Indoor unit

## Outdoor unit

## Connections

## Power Supply

# 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.



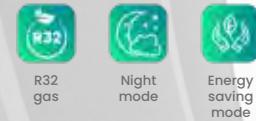
Wall split system

# H+ Design

A+++ Cooling SEER 8.5  
A++ Heating SCOP 4.6



## ENERGY SAVING



## HEALTH



## RELIABILITY



## COMFORT AND CONVENIENCE



## Cooling

## Heating

## Indoor unit

## Outdoor unit

## Connections

## Power Supply

| Model  | ACP-12CH35AEHI+ R32   | ACP-18CH50AEHI+ R32     |
|--|-----------------------|-------------------------|
| Capacity (W)                                     | 3517 (1319~4308)      | 5275 (1817~6007)        |
| Energy efficiency class                          | A+++                  | A++                     |
| Energy Efficiency SEER                           | 8.5                   | 6.3                     |
| Cooling operating range                          | -15 °C ≤ T ≤ 50 °C    | -15 °C ≤ T ≤ 50 °C      |
| Estimated load on cooling (W)                    | 3500                  | 5300                    |
| Power input (W)                                  | 900 (130~1650)        | 1600 (140~2300)         |
| Capacity (W)                                     | 3810 (879~4396)       | 5569 (1260~6008)        |
| Energy efficiency class                          | A++                   | A+                      |
| Energy Efficiency SCOP                           | 4.6                   | 4.1                     |
| Heating operating range                          | -25 °C ≤ T ≤ 24 °C    | -20 °C ≤ T ≤ 240 °C     |
| Estimated load on heating (W)                    | 2500                  | 4100                    |
| Power input (W)                                  | 950 (120~1500)        | 1680 (220~2350)         |
| Air flow (m³ / h) - HI / MID / LOW               | 700 / 515 / 425       | 750 / 530 / 430         |
| Dehumidifying capacity (L / h)                   | 1.2                   | 1.8                     |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW | 40 / 32.5 / 21.5 / 19 | 41.5 / 36.5 / 33.5 / 19 |
| Sound power level (dB)                           | 53                    | 54                      |
| Packaging dimensions (mm)                        | 1005 x 385 x 295      | 1005 x 385 x 295        |
| Product dimensions (mm)                          | 920 x 321 x 211       | 920 x 321 x 211         |
| Gross / net weight (kg)                          | 14.16 / 11.30         | 14.4 / 11.30            |
| Noise - Sound Pressure (dB (A))                  | ≤ 53.5                | ≤ 54.5                  |
| Sound power level (dB)                           | ≤ 62                  | ≤ 63                    |
| Refrigerant                                      | R32                   | R32                     |
| Bracket distance (mm)                            | 452                   | 511                     |
| Packaging dimensions (mm)                        | 887 x 337 x 610       | 915 x 370 x 615         |
| Product dimensions (mm)                          | 765 x 303 x 555       | 805 x 330 x 554         |
| Gross / net weight (kg)                          | 28.8 / 26.4           | 36.1 / 33.5             |
| Liquid phase pipe diameter                       | 1 / 4"                | 1 / 4"                  |
| Gas phase pipe diameter                          | 3 / 8"                | 1 / 2"                  |
| Maximum pipe length (m)                          | 25                    | 30                      |
| Maximum height difference (m)                    | 10                    | 20                      |
| Pre-filled pipe length (m)                       | 5                     | 5                       |
| Gas refill (g / m)                               | 12                    | 12                      |
| Power interconnect cable (mm²)                   | 1.5 x 5               | 1.5 x 5                 |
| Power Supply IU / OU 220-240 V / 1 / 50 Hz (mm²) | 1.5 x 3               | 1.5 x 3                 |



# Smart airflow

The innovative 180° wing movement allows air to flow in the horizontal or vertical direction. This option allows you to never feel the direct airflow towards you.



**HORIZONTAL AIRFLOW**



**VERTICAL AIRFLOW**



**A+++ | A++**

H+ series is equipped with the latest technology for energy efficiency, which achieves significant energy savings. The A+++ energy class in cooling and the A++ energy class in heating confirm this.

Wall split system

# R+ Design

A+++ Cooling SEER 9.3  
A++ Heating SCOP 4.6



## ENERGY SAVING



R32  
gas



Night  
mode



Dust filter  
Self-cleaning



Biofilter

## HEALTH



Cooling at  
a temp. of  
-15 °C



Heating at  
a temp. of  
-25 °C



3D DC  
Inverter



Error detection  
and display



Refrigerant  
leak detection  
sensor

## RELIABILITY



Emergency  
function

## COMFORT AND CONVENIENCE



Last mode  
memory



Timer



Louver  
position  
memory  
Multi  
compatibility



3 air flow  
speeds



Heating  
at 8 °C



Automatic  
operating  
mode



Turbo



Digital  
display



1.0 W  
Standby



Energy  
saving  
mode



Anti-corrosion  
protection -  
gold coating



Ionizer  
The protective  
cover of the  
valve



Chassis  
heating  
belt



Compressor  
heating  
belt



Intelligent  
defrosting



Operation at  
low voltage



Manual  
control



Follow me  
function



Silent  
operation  
Two-way  
condensate  
drain hose



Auto swing



12 air flow  
speeds



Wi-Fi ready

| Model   | ACP-09CH25AERI+ R32 | ACP-12CH35AERI+ R32 | ACP-18CH50AERI+ R32 | ACP-24CH70AERI+ R32   |
|---|---------------------|---------------------|---------------------|-----------------------|
| Capacity (W)  | 2638 (1026~3224)    | 3517 (1377~4308)    | 5275 (3391~5900)    | 7034 (2110~8206)      |
| Energy efficiency class                               | A+++                | A+++                | A++                 | A++                   |
| Energy Efficiency SEER                                | 9.3                 | 8.5                 | 7                   | 6.5                   |
| Cooling operating range                               | -15 °C ≤ T ≤ 50 °C    |
| Estimated load on cooling (W)                         | 2600                | 3500                | 5300                | 7000                  |
| Power input (W)                                       | 613 (90~1140)       | 977 (130~1650)      | 1550 (560~2050)     | 2510 (420~3200)       |
| Capacity (W)  | 2931 (821~3370)     | 3810 (1067~4381)    | 5568 (3101~5850)    | 7327 (1553~8206)      |
| Energy efficiency class                               | A++                 | A++                 | A+                  | A+                    |
| Energy Efficiency SCOP                                | 4.6                 | 4.6                 | 4.0                 | 4.0                   |
| Heating operating range                               | -25 °C ≤ T ≤ 24 °C  | -25 °C ≤ T ≤ 24 °C  | -20 °C ≤ T ≤ 24 °C  | -20 °C ≤ T ≤ 24 °C    |
| Estimated load on heating (W)                         | 2400                | 2600                | 4100                | 4900                  |
| Power input (W)                                       | 637 (110~1080)      | 977 (160~1560)      | 1500 (780~2000)     | 2130 (300~3100)       |
| Air flow (m³ / h) - HI / MID / LOW                    | 483 / 362 / 303     | 584 / 477 / 395     | 730 / 500 / 420     | 1020 / 830 / 640      |
| Dehumidifying capacity (L / h)                        | 1.0                 | 1.2                 | 1.8                 | 2.4                   |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 36.5 / 29 / 24 / 20 | 39.5 / 33 / 25 / 21 | 43 / 33.5 / 28 / 23 | 47 / 41.5 / 30.5 / 25 |
| Sound power level (dB)                                | ≤ 55                | ≤ 55                | ≤ 57                | ≤ 63                  |
| Packaging dimensions (mm)                             | 875 x 285 x 380     | 875 x 285 x 380     | 1045 x 305 x 410    | 1155 x 415 x 320      |
| Product dimensions (mm)                               | 802 x 189 x 297     | 802 x 189 x 297     | 965 x 215 x 319     | 1080 x 226 x 335      |
| Gross / net weight (kg)                               | 11.1 / 8.6          | 11.1 / 8.6          | 14.2 / 10.9         | 17.3 / 13.7           |
| Noise - Sound Pressure (dB (A))                       | ≤ 54                | ≤ 54.5              | ≤ 55.5              | ≤ 60.5                |
| Sound power level (dB)                                | ≤ 60                | ≤ 62                | ≤ 65                | ≤ 67                  |
| Refrigerant   | R32                 | R32                 | R32                 | R32                   |
| Bracket distance (mm)                                 | 452                 | 452                 | 511                 | 663                   |
| Packaging dimensions (mm)                             | 887 x 337 x 610     | 887 x 337 x 610     | 915 x 370 x 615     | 995 x 398 x 740       |
| Product dimensions (mm)                               | 765 x 303 x 555     | 765 x 303 x 555     | 805 x 330 x 554     | 890 x 342 x 673       |
| Gross / net weight (kg)                               | 28.8 / 26.4         | 28.7 / 26.4         | 36.1 / 33.5         | 46.9 / 43.9           |
| Liquid phase pipe diameter                            | 1 / 4"              | 1 / 4"              | 1 / 4"              | 3 / 8"                |
| Gas phase pipe diameter                               | 3 / 8"              | 3 / 8"              | 1 / 2"              | 5 / 8"                |
| Maximum pipe length (m)                               | 25                  | 25                  | 30                  | 50                    |
| Maximum height difference (m)                         | 10                  | 10                  | 20                  | 25                    |
| Pre-filled pipe length (m)                            | 5                   | 5                   | 5                   | 5                     |
| Gas refill (g / m)                                    | 12                  | 12                  | 12                  | 24                    |
| Power interconnect cable (mm²)                        | 5 x 1.5             | 5 x 1.5             | 5 x 1.5             | 5 x 2.5               |
| Power Supply IU / OU 220-240 V / 1 / 50 Hz (mm²)      | 3 x 1.5             | 3 x 1.5             | 3 x 1.5             | 3 x 2.5               |

Cooling

Heating

Indoor unit

Outdoor unit

Connections

Power Supply



**A+++ | A++**

## IMPROVED ENERGY EFFICIENCY

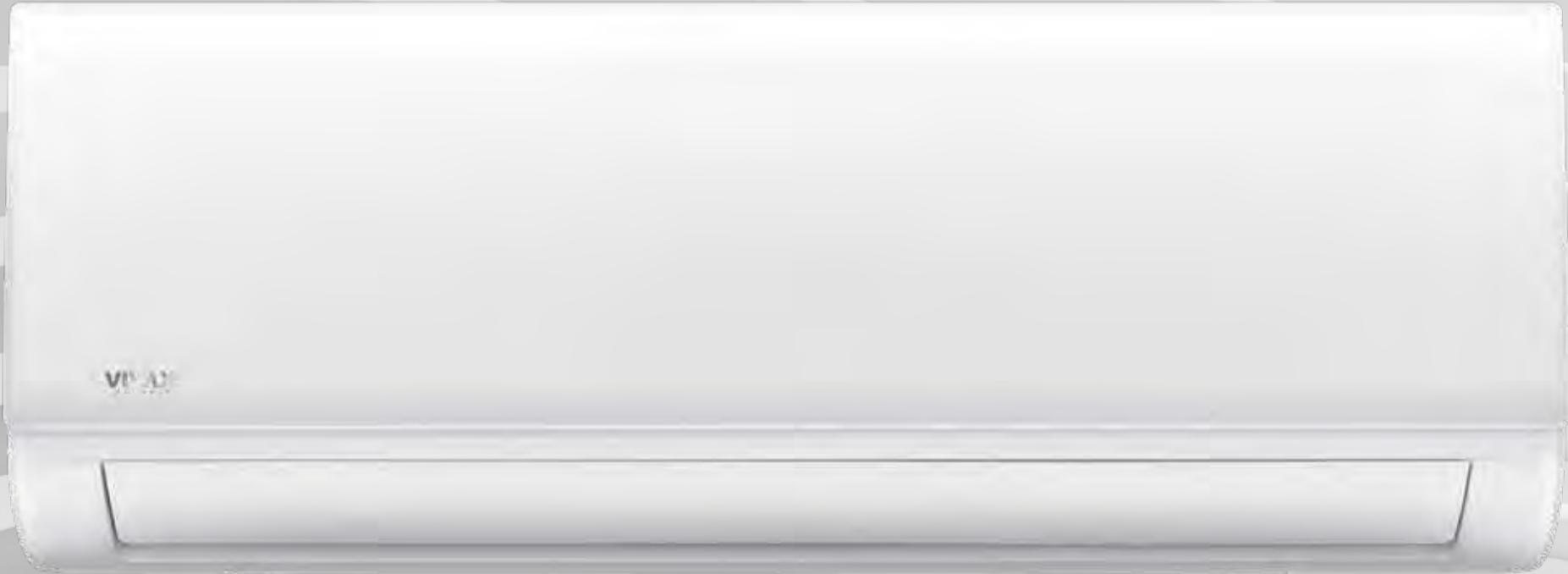
R+ Design is a new improved generation of air conditioners, which has energy efficiency A+++ in cooling and A++ in heating.



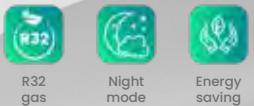
R+ Design air conditioner operates with 107 % capacity at 2 °C and can be used even when temperatures drop down to -25 °C.

# Wall split system N Design

A++ Cooling SEER 7.0  
A+ Heating SCOP 4.2



## ENERGY SAVING



## HEALTH



## RELIABILITY



## COMFORT AND CONVENIENCE



## Cooling

## Heating

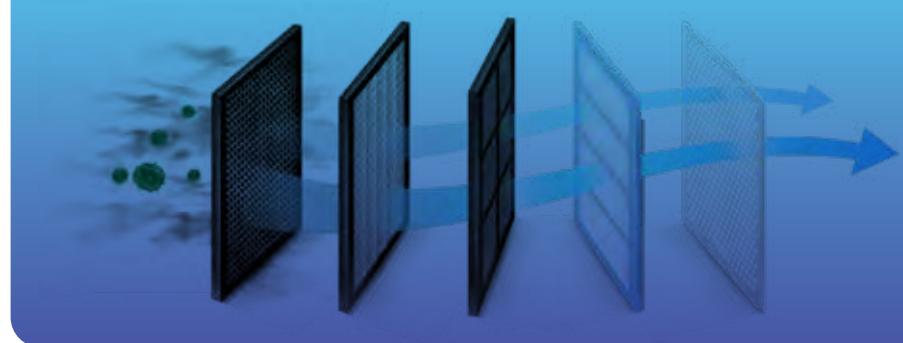
## Indoor unit

## Outdoor unit

## Connections

## Power Supply

| Model   | ACP-12CH35AENI R32 | ACP-18CH50AENI R32 |
|---|--------------------|--------------------|
| Capacity (W)  | 3517 (1377~4308)   | 5275 (1934~6272)   |
| Energy efficiency class                               | A++                | A++                |
| Energy Efficiency SEER                                | 7.0                | 7.0                |
| Cooling operating range                               | -15 °C ≤ T ≤ 50 °C | -15 °C ≤ T ≤ 50 °C |
| Estimated load on cooling (W)                         | 3600               | 5300               |
| Power input (W)                                       | 1096 (120~1650)    | 1550 (150~2250)    |
| Capacity (W)  | 3810 (1070~4381)   | 5568 (1290~7004)   |
| Energy efficiency class                               | A+                 | A+                 |
| Energy Efficiency SCOP                                | 4.2                | 4.0                |
| Heating operating range                               | -20 °C ≤ T ≤ 24 °C | -20 °C ≤ T ≤ 24 °C |
| Estimated load on heating (W)                         | 2500               | 4200               |
| Power input (W)                                       | 1027 (110~1480)    | 1630 (220~2350)    |
| Air flow (m³ / h) - HI / MID / LOW                    | 530 / 400 / 350    | 800 / 600 / 500    |
| Dehumidifying capacity (L / h)                        | 1.2                | 1.8                |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 37 / 32 / 22 / 21  | 41 / 37 / 31 / 20  |
| Sound power level (dB)                                | ≤ 55               | ≤ 56               |
| Packaging dimensions (mm)                             | 875 x 380 x 285    | 1045 x 305 x 405   |
| Product dimensions (mm)                               | 802 x 200 x 295    | 971 x 228 x 321    |
| Gross / net weight (kg)                               | 11.5 / 8.7         | 14.6 / 11.2        |
| Noise - Sound Pressure (dB (A))                       | ≤ 56               | ≤ 57               |
| Sound power level (dB)                                | ≤ 62               | ≤ 65               |
| Refrigerant   | R32                | R32                |
| Bracket distance (mm)                                 | 452                | 511                |
| Packaging dimensions (mm)                             | 835 x 300 x 540    | 915 x 370 x 615    |
| Product dimensions (mm)                               | 720 x 270 x 495    | 805 x 330 x 554    |
| Gross / net weight (kg)                               | 25.5 / 23.7        | 36.1 / 33.5        |
| Liquid phase pipe diameter                            | 1 / 4"             | 1 / 4"             |
| Gas phase pipe diameter                               | 3 / 8"             | 1 / 2"             |
| Maximum pipe length (m)                               | 25                 | 30                 |
| Maximum height difference (m)                         | 10                 | 20                 |
| Pre-filled pipe length (m)                            | 5                  | 5                  |
| Gas refill (g / m)                                    | 12                 | 12                 |
| Power interconnect cable (mm²)                        | 5 x 1.5            | 5 x 1.5            |
| Power Supply IU / OU 220-240 V / 1 / 50 Hz (mm²)      | 3 x 1.5            | 3 x 1.5            |



# Double filter

The dual filtration system thoroughly eliminates harmful substances, ensuring fresh and clean air. The pre-filter effectively prevents the spread of airborne particles. The second activated carbon filter traps hazardous gases and odours.

## COMPRESSOR HEATER

During the operation of the device in heating mode, the compressor heater warms the oil in the compressor before its activation. This ensures optimal operating conditions for the compressor in low ambient temperatures and extends the system's lifespan.



## PAN HEATER

While the device is in heating mode operation, the pan heater prevents condensate in the pan from freezing, protecting the components of the air conditioner's outdoor unit from potential damage.



# Wall split system **M Design**

A++ Cooling SEER 7.4  
A+ Heating SCOP 4.0



## ENERGY SAVING



R32  
gas



Night  
mode

## HEALTH



Dust filter  
Self-cleaning



Self-cleaning

## RELIABILITY



Cooling at a  
temp. of  
-15 °C



Heating at a  
temp. of  
-15 °C



3D DC  
Inverter



Error detection  
and display



Refrigerant  
leak detection  
sensor

## COMFORT AND CONVENIENCE



Last mode  
memory



Timer



Louver  
position  
memory



3 air flow  
speeds



Automatic  
operating  
mode



Turbo



Multi  
compatibility

## Cooling

| Model                         | ACP-09CH25AEMI+ R32 | ACP-12CH35AEMI+ R32 | ACP-18CH50AEMIs R32 | ACP-24CH70AEMIs R32 |
|-------------------------------|---------------------|---------------------|---------------------|---------------------|
| Capacity (W)                  | 2638 (909~3400)     | 3517 (1114~4162)    | 5275 (3391~5832)    | 7034 (2081~7913)    |
| Energy efficiency class       | A++                 | A++                 | A++                 | A++                 |
| Energy Efficiency SEER        | 7.0                 | 6.5                 | 7.4                 | 6.1                 |
| Cooling operating range       | -15 °C ≤ T ≤ 50 °C  |
| Estimated load on cooling (W) | 2600                | 3500                | 5200                | 7000                |
| Power input (W)               | 800 (100~1240)      | 1320 (100~1600)     | 1550 (140~2300)     | 2600 (420~3150)     |

## Heating

| Model                         | ACP-09CH25AEMI+ R32 | ACP-12CH35AEMI+ R32 | ACP-18CH50AEMIs R32 | ACP-24CH70AEMIs R32 |
|-------------------------------|---------------------|---------------------|---------------------|---------------------|
| Capacity (W)                  | 2930 (909~3370)     | 3810 (1084~4162)    | 5570 (3100~5850)    | 7330 (1610~7910)    |
| Energy efficiency class       | A+                  | A+                  | A+                  | A+                  |
| Energy Efficiency SCOP        | 4.1                 | 4.1                 | 4.0                 | 4.0                 |
| Heating operating range       | -15 °C ≤ T ≤ 30 °C  |
| Estimated load on heating (W) | 2300                | 2800                | 4100                | 4800                |
| Power input (W)               | 930 (120~1200)      | 1190 (167~1400)     | 1570 (220~2350)     | 2400 (300~2750)     |

## Indoor unit

| Model   | ACP-09CH25AEMI+ R32 | ACP-12CH35AEMI+ R32   | ACP-18CH50AEMIs R32 | ACP-24CH70AEMIs R32 |
|---|---------------------|-----------------------|---------------------|---------------------|
| Air flow (m³ / h) - HI / MID / LOW                    | 435 / 333 / 259     | 530 / 430 / 310       | 840 / 680 / 540     | 980 / 817 / 662     |
| Dehumidifying capacity (L / h)                        | 1.0                 | 1.2                   | 1.8                 | 2.4                 |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 37 / 32 / 25 / 21.5 | 40.5 / 34.5 / 25 / 21 | 42.5 / 36 / 26 / 20 | 45 / 40.5 / 36 / 30 |
| Sound power level (dB)                                | ≤ 50                | ≤ 54                  | ≤ 56                | ≤ 59                |
| Packaging dimensions (mm)                             | 780 x 270 x 365     | 870 x 270 x 365       | 1035 x 295 x 385    | 1120 x 405 x 315    |
| Product dimensions (mm)                               | 715 x 194 x 285     | 805 x 194 x 285       | 957 x 213 x 302     | 1040 x 220 x 327    |
| Gross / net weight (kg)                               | 8.8 / 6.7           | 9.5 / 7.3             | 13 / 10             | 15.8 / 12.3         |

## Outdoor unit

| Model                           | ACP-09CH25AEMI+ R32 | ACP-12CH35AEMI+ R32 | ACP-18CH50AEMIs R32 | ACP-24CH70AEMIs R32 |
|---------------------------------|---------------------|---------------------|---------------------|---------------------|
| Noise - Sound Pressure (dB (A)) | ≤ 55                | ≤ 55                | ≤ 56                | ≤ 59                |
| Sound power level (dB)          | ≤ 59                | ≤ 64                | ≤ 63                | ≤ 67                |
| Refrigerant                     | R32                 | R32                 | R32                 | R32                 |
| Bracket distance (mm)           | 452                 | 452                 | 511                 | 663                 |
| Packaging dimensions (mm)       | 835 x 300 x 540     | 835 x 300 x 540     | 915 x 370 x 615     | 995 x 398 x 740     |
| Product dimensions (mm)         | 720 x 270 x 495     | 720 x 270 x 495     | 805 x 330 x 554     | 890 x 342 x 673     |
| Gross / net weight (kg)         | 22.8 / 21           | 22.8 / 21           | 35.4 / 32.7         | 45.9 / 42.9         |

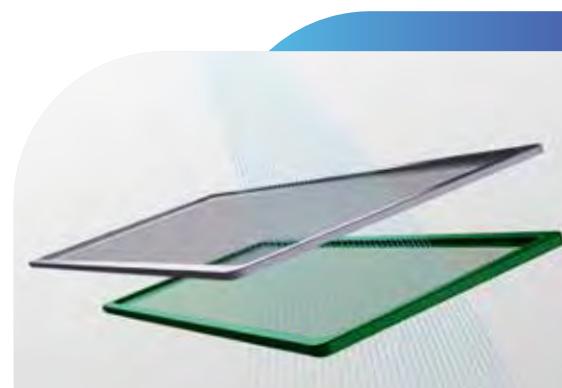
## Connections

| Model  | ACP-09CH25AEMI+ R32 | ACP-12CH35AEMI+ R32 | ACP-18CH50AEMIs R32 | ACP-24CH70AEMIs R32 |
|--|---------------------|---------------------|---------------------|---------------------|
| Liquid phase pipe diameter                       | 1 / 4"              | 1 / 4"              | 1 / 4"              | 3 / 8"              |
| Gas phase pipe diameter                          | 3 / 8"              | 3 / 8"              | 1 / 2"              | 5 / 8"              |
| Maximum pipe length (m)                          | 25                  | 25                  | 30                  | 50                  |
| Maximum height difference (m)                    | 10                  | 10                  | 20                  | 25                  |
| Pre-filled pipe length (m)                       | 5                   | 5                   | 5                   | 5                   |
| Gas refill (g / m)                               | 12                  | 12                  | 12                  | 24                  |
| Power interconnect cable (mm²)                   | 5 x 1.5             | 5 x 1.5             | 5 x 1.5             | 5 x 2.5             |
| Power Supply IU / OU 220-240 V / 1 / 50 Hz (mm²) | 3 x 1.5             | 3 x 1.5             | 3 x 1.5             | 3 x 2.5             |

## Power Supply

## BIO FILTRATION SYSTEM

It is composed of special biological enzyme and eco filters that trap dust, neutralise and destroy bacteria, fungi and microbes.



## REMOTE CONTROL

The M Design series allows to control the air conditioners wherever you are, with the addition of a Wi-Fi module. V-Smart technology in this series of air conditioners does not only focus on management, but delivers a complete solution depending on the daily needs of consumers.



# Wall split system Q Design

A++ Cooling SEER 7.4  
A+ Heating SCOP 4.0



## ENERGY SAVING



R32 gas  
Night mode



1.0 W Standby  
Energy saving mode

## HEALTH



Dust filter  
Self-cleaning



Anti-corrosion protection -  
gold coating  
Catalyst filter

## RELIABILITY



Cooling at a temp. of  
-15 °C



Heating at a temp. of  
-15 °C



3D DC Inverter  
Error detection and display



The protective cover of the  
valve



Intelligent defrosting



Operation at low voltage



Refrigerant leak detection  
sensor

## COMFORT AND CONVENIENCE



Last mode  
memory



Timer



Louver position  
memory



3 air flow  
speeds



Automatic  
operating  
mode



Turbo



Manual  
control



Two-way  
condensate  
drain hose



Auto swing  
Soft start



Digital  
display

## Cooling

## Heating

## Indoor unit

## Outdoor unit

## Connections

## Power Supply

| Model   | ACP-09CH25AEQI+ R32 | ACP-12CH35AEQI+ R32   | ACP-18CH50AEQIs R32 | ACP-24CH70AEQIs R32 |
|---|---------------------|-----------------------|---------------------|---------------------|
| Capacity (W)  | 2638 (909~3400)     | 3517 (1114~4162)      | 5275 (3391~5832)    | 7034 (2081~7913)    |
| Energy efficiency class                               | A++                 | A++                   | A++                 | A++                 |
| Energy Efficiency SEER                                | 7.0                 | 6.5                   | 7.4                 | 6.1                 |
| Cooling operating range                               | -15 °C ≤ T ≤ 50 °C  | -15 °C ≤ T ≤ 50 °C    | -15 °C ≤ T ≤ 50 °C  | -15 °C ≤ T ≤ 50 °C  |
| Estimated load on cooling (W)                         | 2600                | 3500                  | 5200                | 7000                |
| Power input (W)                                       | 800 (100~1240)      | 1320 (100~1600)       | 1550 (140~2300)     | 2600 (420~3150)     |
| Capacity (W)  | 2930 (909~3370)     | 3810 (1084~4162)      | 5570 (3100~5850)    | 7330 (1610~7910)    |
| Energy efficiency class                               | A+                  | A+                    | A+                  | A+                  |
| Energy Efficiency SCOP                                | 4.1                 | 4.1                   | 4.0                 | 4.0                 |
| Heating operating range                               | -15 °C ≤ T ≤ 30 °C  | -15 °C ≤ T ≤ 30 °C    | -15 °C ≤ T ≤ 30 °C  | -15 °C ≤ T ≤ 30 °C  |
| Estimated load on heating (W)                         | 2300                | 2800                  | 4100                | 4800                |
| Power input (W)                                       | 930 (120~1200)      | 1190 (167~1400)       | 1570 (220~2350)     | 2400 (300~2750)     |
| Air flow (m³ / h) - HI / MID / LOW                    | 435 / 333 / 259     | 530 / 430 / 310       | 840 / 680 / 540     | 980 / 817 / 662     |
| Dehumidifying capacity (L / h)                        | 1.0                 | 1.2                   | 1.8                 | 2.4                 |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 37 / 32 / 25 / 21.5 | 40.5 / 34.5 / 25 / 21 | 42.5 / 36 / 26 / 20 | 45 / 40.5 / 36 / 30 |
| Sound power level (dB)                                | ≤ 50                | ≤ 54                  | ≤ 56                | ≤ 59                |
| Packaging dimensions (mm)                             | 780 x 270 x 365     | 870 x 270 x 365       | 1035 x 295 x 385    | 1120 x 405 x 315    |
| Product dimensions (mm)                               | 715 x 194 x 285     | 805 x 194 x 285       | 957 x 213 x 302     | 1040 x 220 x 327    |
| Gross / net weight (kg)                               | 8.8 / 6.7           | 9.5 / 7.3             | 13 / 10             | 15.8 / 12.3         |
| Noise - Sound Pressure (dB (A))                       | ≤ 55                | ≤ 55                  | ≤ 56                | ≤ 59                |
| Sound power level (dB)                                | ≤ 59                | ≤ 64                  | ≤ 63                | ≤ 67                |
| Refrigerant   | R32                 | R32                   | R32                 | R32                 |
| Bracket distance (mm)                                 | 452                 | 452                   | 511                 | 663                 |
| Packaging dimensions (mm)                             | 835 x 300 x 540     | 835 x 300 x 540       | 915 x 370 x 615     | 995 x 398 x 740     |
| Product dimensions (mm)                               | 720 x 270 x 495     | 720 x 270 x 495       | 805 x 330 x 554     | 890 x 342 x 673     |
| Gross / net weight (kg)                               | 22.8 / 21           | 22.8 / 21             | 35.4 / 32.7         | 45.9 / 42.9         |
| Liquid phase pipe diameter                            | 1 / 4"              | 1 / 4"                | 1 / 4"              | 3 / 8"              |
| Gas phase pipe diameter                               | 3 / 8"              | 3 / 8"                | 1 / 2"              | 5 / 8"              |
| Maximum pipe length (m)                               | 25                  | 25                    | 30                  | 50                  |
| Maximum height difference (m)                         | 10                  | 10                    | 20                  | 25                  |
| Pre-filled pipe length (m)                            | 5                   | 5                     | 5                   | 5                   |
| Gas refill (g / m)                                    | 12                  | 12                    | 12                  | 24                  |
| Power interconnect cable (mm²)                        | 5 x 1.5             | 5 x 1.5               | 5 x 1.5             | 5 x 2.5             |
| Power Supply IU / OU 220-240 V / 1 / 50 Hz (mm²)      | 3 x 1.5             | 3 x 1.5               | 3 x 1.5             | 3 x 2.5             |



## SELF-CLEANING

After switching off the air conditioner, the Indoor unit continues to operate, drying and cleaning the remaining condensate, thus protecting health.



## ANTI-CORROSION PROTECTION - GOLD COATING

Special anti-corrosion coating for the heat exchanger protects from atmospheric phenomena and effects of aggressive environment. It helps in speeding the process of defrosting the unit and better heating efficiency.

# Wall split system X Design

A++ Cooling SEER 6.5  
A+ Heating SCOP 4.1



## ENERGY SAVING



R32 gas



Night mode



1.0 W Standby



Energy saving mode

## HEALTH



Dust filter



Self-cleaning



Anti-corrosion protection - gold coating



Catalyst filter

## RELIABILITY



Cooling at a temp. of -15 °C



Heating at a temp. of -15 °C



3D DC Inverter



Error detection and display



The protective cover of the valve



Intelligent defrosting



Operation at low voltage



Refrigerant leak detection sensor

## COMFORT AND CONVENIENCE



Last mode memory



Timer



Louver position memory



3 air flow speeds



Automatic operating mode



Turbo



Manual control



Two-way condensate drain hose



Auto swing



Soft start



Digital display

| Model   | ACP-12CH35AEXI+ R32   |
|---|-----------------------|
| Capacity (W)  | 3517 (1114~4162)      |
| Energy efficiency class                               | A++                   |
| Energy Efficiency SEER                                | 6.5                   |
| Cooling operating range                               | -15 °C ≤ T ≤ 50 °C    |
| Estimated load on cooling (W)                         | 3500                  |
| Power input (W)                                       | 1320 (100~1600)       |
| Capacity (W)  | 3810 (1084~4162)      |
| Energy efficiency class                               | A+                    |
| Energy Efficiency SCOP                                | 4.1                   |
| Heating operating range                               | -15 °C ≤ T ≤ 30 °C    |
| Estimated load on heating (W)                         | 2800                  |
| Power input (W)                                       | 1190 (167~1400)       |
| Air flow (m³ / h) - HI / MID / LOW                    | 530 / 430 / 310       |
| Dehumidifying capacity (L / h)                        | 1.2                   |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 40.5 / 34.5 / 25 / 21 |
| Sound power level (dB)                                | ≤ 54                  |
| Packaging dimensions (mm)                             | 870 x 270 x 365       |
| Product dimensions (mm)                               | 805 x 194 x 285       |
| Gross / net weight (kg)                               | 9.5 / 7.3             |
| Noise - Sound Pressure (dB (A))                       | ≤ 55                  |
| Sound power level (dB)                                | ≤ 64                  |
| Refrigerant   | R32                   |
| Bracket distance (mm)                                 | 452                   |
| Packaging dimensions (mm)                             | 835 x 300 x 540       |
| Product dimensions (mm)                               | 720 x 270 x 495       |
| Gross / net weight (kg)                               | 22.8 / 21             |
| 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 interconnect cable (mm²)                        | 5 x 1.5               |
| Power Supply IU / OU 220-240 V / 1 / 50 Hz (mm²)      | 3 x 1.5               |

## Cooling

## Heating

## Indoor unit

## Outdoor unit

## Connections

## Power Supply

# Self-cleaning

After switching off, the indoor unit rotates the fan in the opposite direction to remove condensed water and thus self-cleans, effectively preventing the growth of bacteria and viruses.



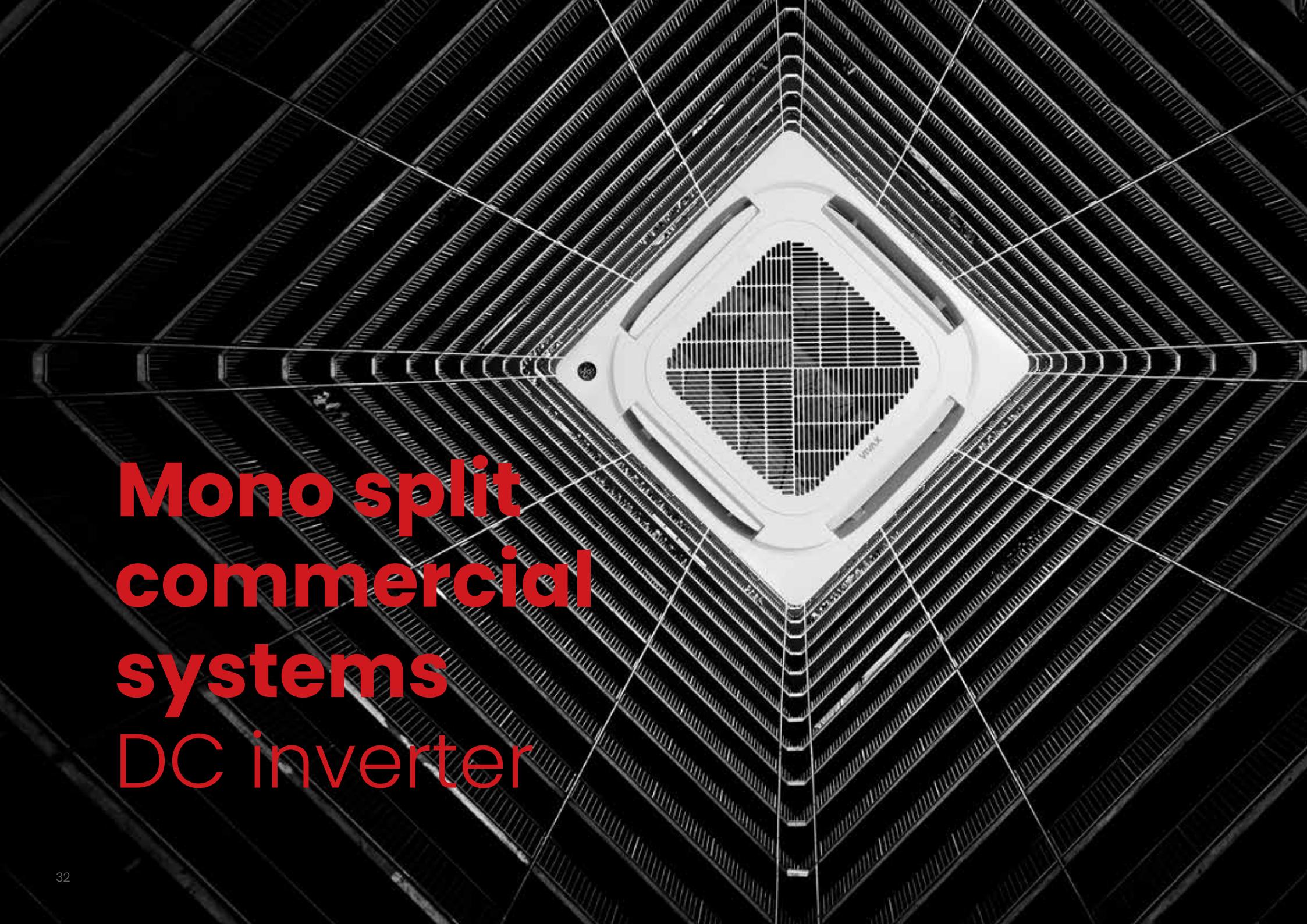
## MORE PLEASANT COOLING AND HEATING

The built-in temperature sensor in the remote control detects the ambient temperature level and adjusts the room temperature more precisely to provide more comfortable cooling or heating, tailored to the user's needs.

# A more pleasant sleep with a quiet operation

The quiet operation of the air conditioner, crucial for a more comfortable and invigorating sleep, is ensured by a low noise level of only 21 dB, which is equivalent to the volume of whispers or the sound of leaves.



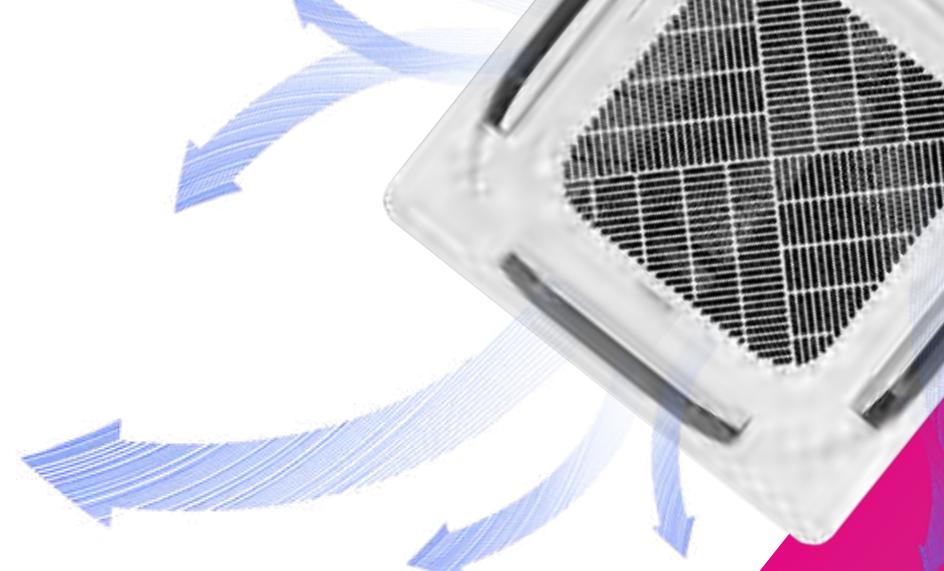


# Mono split commercial systems

## DC inverter

# 3D air flow

VIVAX air conditioning solutions combine vertical and horizontal automatic blowing for equally and comfortable air flow in the room. With 3D airflow, cold or heated air reaches every corner of the room, providing a high level of comfort. With cassette units from 7.0 kW and more, each louver can be operated separately.



## WIDE RANGE OF CAPACITY OF THE DEVICES

VIVAX has the right solution for both residential and commercial spaces, regardless of the size or shape of the space to be air-conditioned. VIVAX commercial air conditioners come with a wide range of nominal capacity of outdoor units from 3.52 kW to 18.17 kW, which allows a wide application of these devices.

## Twin system – more combinations than before

Air conditioning units can be installed in a twin system with 2 indoor units of the same type and size connected to one outdoor unit, which is twice the size of the indoor unit. This feature helps to improve the air distribution inside the room.

In a twin system, one of the indoor units must be set up as the main unit and the other as the secondary unit. Only the main unit can be controlled, while the secondary takes over the main unit settings.



Floor split system

# CT AERI

A++ Cooling SEER 7.3  
A+ Heating SCOP 4.0



## ENERGY SAVING



R32  
gas



Night  
mode



ECO  
mode

## HEALTH



Dust filter  
Self-cleaning

## RELIABILITY



Cooling at  
a temp. of  
-15 °C



Heating at  
a temp. of  
-20 °C



3D DC  
Inverter



Error detection  
and display



Refrigerant  
leak detection  
sensor



Emergency  
function



Last mode  
memory



Timer



Louver  
position  
memory



Multi  
compatibility



3 air flow  
speeds



Heating  
at 8 °C



Automatic  
operating  
mode



Turbo



Digital  
display

| Model  | ACP-12CT35AERI+ R32                 | ACP-18CT50AERI+ R32 |
|--|-------------------------------------|---------------------|
| Capacity (W)                                     | 3520 (770~4100)                     | 4980 (2640~5570)    |
| Energy efficiency class                          | A++                                 | A++                 |
| Energy Efficiency SEER                           | 7.3                                 | 6.7                 |
| Cooling operating range                          | -15 °C ≤ T ≤ 50 °C                  | -15 °C ≤ T ≤ 50 °C  |
| Estimated load on cooling (W)                    | 3500                                | 5000                |
| Power input (W)                                  | 1000 (170~1350)                     | 1500 (650~1950)     |
| Capacity (W)                                     | 3810 (450~4690)                     | 5280 (2200~6300)    |
| Energy efficiency class                          | A+                                  | A+                  |
| Energy Efficiency SCOP                           | 4.0                                 | 4.0                 |
| Heating operating range                          | -20 °C ≤ T ≤ 24 °C                  | -20 °C ≤ T ≤ 24 °C  |
| Estimated load on heating (W)                    | 2600                                | 4000                |
| Power input (W)                                  | 980 (150~1300)                      | 1420 (600~1900)     |
| Air flow (m³ / h) - HI / MID / LOW               | 650 / 580 / 490                     | 780 / 690 / 600     |
| Dehumidifying capacity (L / h)                   | 1.2                                 | 1.8                 |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW | 37 / 34 / 27                        | 41 / 38 / 32        |
| Sound power level (dB)                           | ≤ 54                                | ≤ 55                |
| Packaging dimensions (mm)                        | 865 x 280 x 719                     | 865 x 280 x 719     |
| Product dimensions (mm)                          | 794 x 200 x 621                     | 794 x 200 x 621     |
| Gross / net weight (kg)                          | 18.8 / 14.9                         | 18.8 / 14.9         |
| Noise - Sound Pressure (dB (A))                  | ≤ 54                                | ≤ 55                |
| Sound power level (dB)                           | ≤ 62                                | ≤ 63                |
| Refrigerant                                      | R32                                 | R32                 |
| Bracket distance (mm)                            | 452                                 | 511                 |
| Packaging dimensions (mm)                        | 887 x 337 x 610                     | 915 x 370 x 615     |
| Product dimensions (mm)                          | 765 x 303 x 555                     | 805 x 330 x 554     |
| Gross / net weight (kg)                          | 29 / 26.6                           | 35.2 / 32.5         |
| Liquid phase pipe diameter                       | 1 / 4"                              | 1 / 4"              |
| Gas phase pipe diameter                          | 3 / 8"                              | 1 / 2"              |
| Maximum pipe length (m)                          | 25                                  | 30                  |
| Maximum height difference (m)                    | 10                                  | 20                  |
| Pre-filled pipe length (m)                       | 5                                   | 5                   |
| Gas refill (g / m)                               | 12                                  | 12                  |
| Outdoor unit power supply (mm²)                  | 3 x 1.5                             | 3 x 2.5             |
| Indoor unit power supply (mm²)                   | 3 x 1.5                             | 3 x 1.5             |
| Connection (mm²)                                 | 4 x 1.5                             | 4 x 1.5             |
| Power Supply                                     | ~220~240 V / 1 / 50 Hz; Indoor unit |                     |



## Double air exhaust

Floor split systems have air exhaust on two sides for even more efficient heating and cooling. Deflectors intelligently direct cold air up and hot air down, to set the perfect temperature quickly and efficiently without blowing air directly at the people in the room.



Floor-ceiling split system

# CF AERI

A++ Cooling SEER 6.4  
A+ Heating SCOP 4.1



## ENERGY SAVING



R32

gas



Night mode



ECO mode

## HEALTH



Dust filter



Self-cleaning

## RELIABILITY



Cooling at a temp. of -15 °C



Heating at a temp. of -20 °C



3D DC Inverter



Error detection and display



Refrigerant leak detection sensor

## COMFORT AND CONVENIENCE



Emergency function



Last mode memory



Timer



Louver position memory



Multi compatibility



3 air flow speeds



Heating at 8 °C



Automatic operating mode



Turbo



Digital display

1.0 W  
Standby

Energy  
saving  
mode

Anti-corrosion  
protection -  
gold coating

The protective  
cover of the  
valve

Chassis  
heating  
belt

Intelligent  
defrosting

Operation at  
low voltage

Wired control  
device

Manual control

Follow me  
function

Silent  
operation

Two-way  
condensate  
drain hose

Auto swing

Smart airflow

Soft start

Wi-Fi  
ready

| Model   | ACP-18CF50AERI+ R32                                  | ACP-24CF70AERI+ R32 | ACP-36CF105AERI+ R32  | ACP-48CF140AERI+ R32 | ACP-55CF160AERI+ R32  |
|---|--|---------------------|-----------------------|----------------------|-----------------------|
| Capacity (W)  | 5280 (2710~5860)                                     | 7030 (3220~7770)    | 10550 (2730~11780)    | 14070 (3520~15240)   | 15830 (4100~16710)    |
| Energy efficiency class                               | A++  | A++                 | A++                   | A++                  | A++                   |
| Energy Efficiency SEER                                | 6.2  | 6.1                 | 6.4                   | 6.1                  | 6.1                   |
| Cooling operating range                               | -15 °C ≤ T ≤ 50 °C                                   | -15 °C ≤ T ≤ 50 °C  | -15 °C ≤ T ≤ 50 °C    | -15 °C ≤ T ≤ 50 °C   | -15 °C ≤ T ≤ 50 °C    |
| Estimated load on cooling (W)                         | 5400   | 7200                | 10500                 | 14000                | 15500                 |
| Power input (W)                                       | 1450 (670~2027)                                      | 2300 (747~2930)     | 4000 (890~4300)       | 5000 (900~5950)      | 5650 (1100~6650)      |
| Capacity (W)  | 5570 (2420~6300)                                     | 7620 (2720~8290)    | 11720 (2810~12780)    | 16120 (4100~17000)   | 18170 (4400~19640)    |
| Energy efficiency class                               | A+   | A+                  | A+                    | A+                   | A+                    |
| Energy Efficiency SCOP                                | 4.0  | 4.0                 | 4.1                   | 4.0                  | 4.0                   |
| Heating operating range                               | -20 °C ≤ T ≤ 24 °C                                   | -20 °C ≤ T ≤ 24 °C  | -20 °C ≤ T ≤ 24 °C    | -20 °C ≤ T ≤ 24 °C   | -20 °C ≤ T ≤ 24 °C    |
| Estimated load on heating (W)                         | 4000   | 5500                | 8600                  | 11200                | 11900                 |
| Power input (W)                                       | 1500 (540~1640)                                      | 2050 (650~2850)     | 3350 (780~3950)       | 5100 (1000~6050)     | 6050 (1050~7100)      |
| Air flow (m³ / h) - HI / MID / LOW                    | 958 / 839 / 723                                      | 1192 / 1023 / 853   | 1955 / 1728 / 1504    | 2100 / 1850 / 1600   | 2200 / 1950 / 1650    |
| Dehumidifying capacity (L / h)                        | 1.8  | 2.4                 | 3.6                   | 4.8                  | 5.5                   |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 43.5 / 41 / 36.5 / 24                                | 49 / 46 / 43 / 32   | 51 / 47.5 / 44.5 / 39 | 53 / 50 / 45 / 36    | 54 / 50.5 / 46.5 / 38 |
| Sound power level (dB)                                | ≤ 57   | ≤ 55                | ≤ 64                  | ≤ 67                 | ≤ 67                  |
| Packaging dimensions (mm)                             | 1145 x 755 x 318                                     | 1145 x 755 x 318    | 1725 x 755 x 318      | 1725 x 755 x 318     | 1725 x 755 x 318      |
| Product dimensions (mm)                               | 1068 x 675 x 235                                     | 1068 x 675 x 235    | 1650 x 675 x 235      | 1650 x 675 x 235     | 1650 x 675 x 235      |
| Gross / net weight (kg)                               | 33.3 / 28  | 33.1 / 28           | 48 / 41.5             | 48.5 / 41.7          | 49.2 / 42.3           |
| Noise - Sound Pressure (dB (A))                       | ≤ 56   | ≤ 61                | ≤ 61                  | ≤ 66                 | ≤ 68                  |
| Sound power level (dB)                                | ≤ 65   | ≤ 66                | ≤ 70                  | ≤ 73                 | ≤ 73                  |
| Refrigerant   | R32  | R32                 | R32                   | R32                  | R32                   |
| Bracket distance (mm)                                 | 511  | 663                 | 673                   | 634                  | 634                   |
| Packaging dimensions (mm)                             | 915 x 370 x 615                                      | 995 x 398 x 740     | 1090 x 500 x 885      | 1095 x 495 x 1480    | 1095 x 495 x 1480     |
| Product dimensions (mm)                               | 805 x 330 x 554                                      | 890 x 342 x 673     | 946 x 410 x 810       | 952 x 415 x 1333     | 952 x 415 x 1333      |
| Gross / net weight (kg)                               | 35.2 / 32.5  | 46.9 / 43.9         | 85 / 80.5             | 118.3 / 103.7        | 121.2 / 107           |
| Liquid phase pipe diameter                            | 1 / 4"   | 3 / 8"              | 3 / 8"                | 3 / 8"               | 3 / 8"                |
| Gas phase pipe diameter                               | 1 / 2"   | 5 / 8"              | 5 / 8"                | 5 / 8"               | 5 / 8"                |
| Maximum pipe length (m)                               | 30   | 50                  | 75                    | 75                   | 75                    |
| Maximum height difference (m)                         | 20   | 25                  | 30                    | 30                   | 30                    |
| Pre-filled pipe length (m)                            | 5  | 5                   | 5                     | 5                    | 5                     |
| Gas refill (g / m)                                    | 12   | 24                  | 24                    | 24                   | 24                    |
| Outdoor unit power supply (mm²)                       | 3 x 2.5  | 3 x 2.5             | 5 x 2.5               | 5 x 2.5              | 5 x 2.5               |
| Indoor unit power supply (mm²)                        | 3 x 1.5  | 3 x 1.5             | 3 x 1.5               | 3 x 1.5              | 3 x 1.5               |
| Connection (mm²)                                      | 4 x 1.5  | 4 x 1.5             | 4 x 1.5               | 4 x 1.5              | 4 x 1.5               |
| Power Supply  | ~220~240 V / 1 / 50 Hz; IU                           |                     |                       |                      |                       |
|   | ~220~240 V / 1 / 50 Hz IU, ~380~415 V / 3 / 50 Hz OU |                     |                       |                      |                       |



## LARGE AIR FLOW

The unit has the function of horizontal exhaust and automatic vertical exhaust, which ensures a more even and comfortable air flow.

## POSSIBILITY OF FRESH AIR SUPPLY

Clean air from outside can be brought into the room through pipes, keeping the air in the room fresh and healthy.



## 360° EXHAUST

The 4-way ceiling exhaust allows 360 ° air flow. Each louver can be operated separately. When the air conditioner is restarted, the louvers return to the previously used position so that the usual preferred settings can be enjoyed.

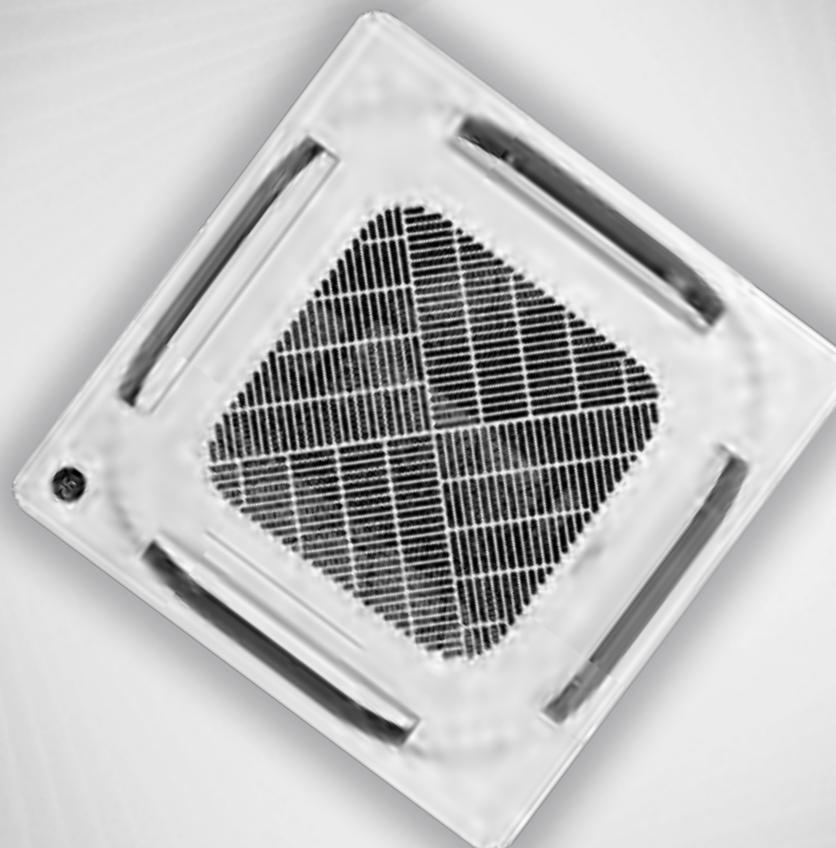
## NEW PANEL DESIGN

The new panel design and indoor unit fan ensure optimized aerodynamic performance and improved noise reduction to whisper volume levels.

Cassette split system

**CC AERI**

A++ Cooling SEER 6.6  
A+ Heating SCOP 4.1



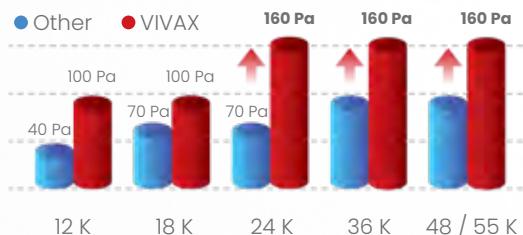
### ENERGY SAVING

|               |                    |  |                                   |                      |                         |                        |                          |                      |                |                    |                  |                               |            |                 |            |             |               |  |  |  |
|---------------|--------------------|--|-----------------------------------|----------------------|-------------------------|------------------------|--------------------------|----------------------|----------------|--------------------|------------------|-------------------------------|------------|-----------------|------------|-------------|---------------|--|--|--|
|               |                    |  |                                   |                      |                         |                        |                          |                      |                |                    |                  |                               |            |                 |            |             |               |  |  |  |
| 1.0 W Standby | Energy saving mode | Anti-corrosion protection - gold coating | The protective cover of the valve | Chassis heating belt | Compressor heating belt | Intelligent defrosting | Operation at low voltage | Wired control device | Manual control | Follow me function | Silent operation | Two-way condensate drain hose | Auto swing | Strong air flow | Soft start | Wi-Fi ready | 360° air flow |  |  |  |

| Model   | ACP-12CC35AERI+ R32                                | ACP-18CC50AERI+ R32 | ACP-24CC70AERI+ R32     | ACP-36CC105AERI+ R32  | ACP-48CC140AERI+ R32    | ACP-55CC160AERI+ R32 |
|---|--|---------------------|-------------------------|-----------------------|-------------------------|----------------------|
| Capacity (W)  | 3520 (850~4160)                                    | 5280 (2900~5590)    | 7030 (3300~7910)        | 10550 (2700~11430)    | 14070 (3520~15830)      | 15240 (4100~16710)   |
| Energy efficiency class                               | A++  | A++                 | A++                     | A++                   | A++                     | A++                  |
| Energy Efficiency SEER                                | 6.6  | 6.3                 | 6.2                     | 6.4                   | 6.1                     | 6.3                  |
| Cooling operating range                               | -15 °C ≤ T ≤ 50 °C                                 | -15 °C ≤ T ≤ 50 °C  | -15 °C ≤ T ≤ 50 °C      | -15 °C ≤ T ≤ 50 °C    | -15 °C ≤ T ≤ 50 °C      | -15 °C ≤ T ≤ 50 °C   |
| Estimated load on cooling (w)                         | 3500   | 5300                | 7000                    | 10500                 | 14000                   | 15300                |
| Power input (w)                                       | 1015 (160~1450)                                    | 1550 (720~2040)     | 2320 (780~2748)         | 4000 (890~4150)       | 4650 (800~5900)         | 5000 (980~6200)      |
| Capacity (W)  | 3810 (470~4340)                                    | 5570 (2370~6100)    | 7620 (2810~8940)        | 11140 (2780~12660)    | 16120 (4100~17290)      | 18170 (4400~19930)   |
| Energy efficiency class                               | A+   | A+                  | A+                      | A+                    | A+                      | A+                   |
| Energy Efficiency SCOP                                | 4.1  | 4.1                 | 4.0                     | 4.0                   | 4.0                     | 4.0                  |
| Heating operating range                               | -20 °C ≤ T ≤ 24 °C                                 | -20 °C ≤ T ≤ 24 °C  | -20 °C ≤ T ≤ 24 °C      | -20 °C ≤ T ≤ 24 °C    | -20 °C ≤ T ≤ 24 °C      | -20 °C ≤ T ≤ 24 °C   |
| Estimated load on heating (w)                         | 2700   | 4200                | 6000                    | 8200                  | 11000                   | 11900                |
| Power input (w)                                       | 1020 (125~1390)                                    | 1560 (700~1950)     | 1900 (610~2700)         | 3000 (780~4000)       | 4580 (900~5500)         | 5550 (1020~6700)     |
| Air flow (m³ / h) - HI / MID / LOW                    | 620 / 520 / 330                                    | 660 / 540 / 300     | 1300 / 1140 / 1000      | 1800 / 1600 / 1400    | 1970 / 1780 / 1580      | 2000 / 1850 / 1650   |
| Dehumidifying capacity (L / h)                        | 1.2  | 1.8                 | 2.4                     | 3.6                   | 4.8                     | 5.5                  |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 42 / 38.5 / 31.5 / 25.5                            | 44 / 41 / 31.5 / 25 | 45.5 / 42.5 / 39.5 / 27 | 50 / 47.5 / 44.5 / 39 | 51 / 48.5 / 46.5 / 37.5 | 53 / 50.5 / 48 / 40  |
| Sound power level (dB)                                | ≤ 55   | ≤ 59                | ≤ 57                    | ≤ 63                  | ≤ 65                    | ≤ 65                 |
| Product packaging dimensions (mm)                     | 715 x 640 x 295                                    | 715 x 640 x 295     | 910 x 910 x 250         | 910 x 910 x 290       | 910 x 910 x 330         | 910 x 910 x 330      |
| Panel packaging dimensions (mm)                       | 715 x 700 x 115                                    | 715 x 700 x 115     | 1035 x 1035 x 90        | 1035 x 1035 x 90      | 1035 x 1035 x 90        | 1035 x 1035 x 90     |
| Product dimensions (mm)                               | 570 x 570 x 245                                    | 570 x 570 x 245     | 830 x 830 x 205         | 830 x 830 x 245       | 830 x 830 x 287         | 830 x 830 x 287      |
| Panel dimension (mm)                                  | 620 x 620 x 50                                     | 620 x 620 x 50      | 950 x 950 x 55          | 950 x 950 x 55        | 950 x 950 x 55          | 950 x 950 x 55       |
| Gross / net product weight (kg)                       | 18.8 / 16.1  | 19 / 16.2           | 25.4 / 21.6             | 31.2 / 27.2           | 33.5 / 29.3             | 33.5 / 29.3          |
| Gross / net panel weight (kg)                         | 4.3 / 2.7  | 4.3 / 2.7           | 9 / 6                   | 9 / 6                 | 9 / 6                   | 9 / 6                |
| Noise - Sound Pressure (dB (A))                       | ≤ 57   | ≤ 58                | ≤ 67                    | ≤ 70                  | ≤ 73                    | ≤ 73                 |
| Sound power level (dB)                                | ≤ 62   | ≤ 65                | ≤ 67                    | ≤ 70                  | ≤ 73                    | ≤ 73                 |
| Refrigerant   | R32  | R32                 | R32                     | R32                   | R32                     | R32                  |
| Bracket distance (mm)                                 | 452  | 511                 | 663                     | 673                   | 634                     | 634                  |
| Packaging dimensions (mm)                             | 887 x 337 x 610                                    | 915 x 370 x 615     | 995 x 398 x 740         | 1090 x 500 x 885      | 1095 x 495 x 1480       | 1095 x 495 x 1480    |
| Product dimensions (mm)                               | 765 x 303 x 555                                    | 805 x 330 x 554     | 890 x 342 x 673         | 946 x 410 x 810       | 952 x 415 x 1333        | 952 x 415 x 1333     |
| Gross / net weight uredaja (kg)                       | 29 / 26.6  | 35.2 / 32.5         | 46.9 / 43.9             | 85 / 80.5             | 118.3 / 103.7           | 121.2 / 107          |
| Liquid phase pipe diameter                            | 1 / 4"   | 1 / 4"              | 3 / 8"                  | 3 / 8"                | 3 / 8"                  | 3 / 8"               |
| Gas phase pipe diameter                               | 3 / 8"   | 1 / 2"              | 5 / 8"                  | 5 / 8"                | 5 / 8"                  | 5 / 8"               |
| Maximum pipe length (m)                               | 25   | 30                  | 50                      | 75                    | 75                      | 75                   |
| Maximum height difference (m)                         | 10   | 20                  | 25                      | 30                    | 30                      | 30                   |
| Pre-filled pipe length (m)                            | 5  | 5                   | 5                       | 5                     | 5                       | 5                    |
| Gas refill (g / m)                                    | 12   | 12                  | 24                      | 24                    | 24                      | 24                   |
| Outdoor unit power supply (mm²)                       | 3 x 1.5  | 3 x 2.5             | 3 x 2.5                 | 5 x 2.5               | 5 x 2.5                 | 5 x 2.5              |
| Indoor unit power supply (mm²)                        | 3 x 1.5  | 3 x 1.5             | 3 x 1.5                 | 3 x 1.5               | 3 x 1.5                 | 3 x 1.5              |
| Connection (mm²)                                      | 4 x 1.5  | 4 x 1.5             | 4 x 1.5                 | 4 x 1.5               | 4 x 1.5                 | 4 x 1.5              |
| Power supply  | ~220-240 V / 1 / 50 Hz; Indoor and outdoor unit    |                     |                         |                       |                         |                      |
|   | ~220-240 V / 1 / 50Hz IU, ~380-415 V / 3 / 50Hz OU |                     |                         |                       |                         |                      |

## STATIC PRESSURE

Maximum static pressure is 160 Pa.



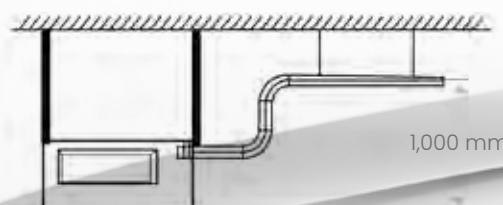
Duct split system

# DT AERI

A++ Cooling SEER 6.6  
A+ Heating SCOP 4.2

## BUILT-IN CONDENSATE DRAIN PUMP

The drain pump raises condensate up to 1,000 mm.



### ENERGY SAVING

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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### HEALTH

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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### RELIABILITY

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### COMFORT AND CONVENIENCE

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Model  | ACP-12DT35AERI+ R32                             | ACP-18DT50AERI+ R32 | ACP-24DT70AERI+ R32 | ACP-36DT105AERI+ R32 | ACP-48DT140AERI+ R32 | ACP-55DT160AERI+ R32                                 |
|--|---|---------------------|---------------------|----------------------|----------------------|--|
| Capacity (W)                                     | 3520 (530~3910)                                 | 5280 (1320~6160)    | 7090 (3230~7920)    | 10550 (2726~11750)   | 14070 (3520~15830)   | 15240 (4100~17290)                                   |
| Energy efficiency class                          | A++   | A++                 | A++                 | A++                  | A++                  | A++  |
| Energy Efficiency SEER                           | 6.5   | 6.5                 | 6.6                 | 6.1                  | 6.1                  | 6.1  |
| Cooling operating range                          | -15 °C ≤ T ≤ 50 °C                              | -15 °C ≤ T ≤ 50 °C  | -15 °C ≤ T ≤ 50 °C  | -15 °C ≤ T ≤ 50 °C   | -15 °C ≤ T ≤ 50 °C   | -15 °C ≤ T ≤ 50 °C                                   |
| Estimated load on cooling (W)                    | 3500  | 5300                | 7100                | 10600                | 14000                | 15300  |
| Power input (W)                                  | 1164 (155~1465)                                 | 1590 (360~2130)     | 2280 (750~2860)     | 3900 (890~4200)      | 4500 (810~6450)      | 5250 (1030~6650)                                     |
| Capacity (W)                                     | 3810 (1000~4470)                                | 6010 (1500~6310)    | 8000 (2790~8560)    | 11720 (2780~12840)   | 16120 (4110~17590)   | 18180 (4400~20520)                                   |
| Energy efficiency class                          | A+  | A+                  | A+                  | A+                   | A+                   | A+   |
| Energy Efficiency SCOP                           | 4.1   | 4.1                 | 4.2                 | 4.0                  | 4.0                  | 4.0  |
| Heating operating range                          | -20 °C ≤ T ≤ 24 °C                              | -20 °C ≤ T ≤ 24 °C  | -20 °C ≤ T ≤ 24 °C  | -20 °C ≤ T ≤ 24 °C   | -20 °C ≤ T ≤ 24 °C   | -20 °C ≤ T ≤ 24 °C                                   |
| Estimated load on heating (W)                    | 2700  | 4300                | 5600                | 8800                 | 11500                | 12500  |
| Power input (W)                                  | 1285 (302~1423)                                 | 1615 (500~1850)     | 2000 (640~2500)     | 3300 (780~4000)      | 4600 (950~5800)      | 5150 (950~6600)                                      |
| Air flow (m³ / h) - HI / MID / LOW               | 600 / 570 / 470                                 | 900 / 780 / 650     | 1200 / 1000 / 700   | 1700 / 1400 / 1100   | 2000 / 1700 / 1300   | 2200 / 1900 / 1500                                   |
| Dehumidifying capacity (L / h)                   | 1.2   | 1.8                 | 2.4                 | 3.6                  | 4.8                  | 5.5  |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW | 35 / 33 / 31                                    | 36.5 / 34 / 31      | 33.5 / 32.5 / 31    | 40 / 37 / 34         | 43.5 / 41.5 / 39.5   | 44.5 / 43 / 41.5                                     |
| Sound power level (dB)                           | ≤ 52  | ≤ 53                | ≤ 56                | ≤ 62                 | ≤ 65                 | ≤ 66   |
| Packaging dimensions (mm)                        | 860 x 540 x 285                                 | 925 x 850 x 298     | 1225 x 860 x 304    | 1425 x 860 x 304     | 1425 x 860 x 304     | 1425 x 860 x 354                                     |
| Product dimensions (mm)                          | 700 x 506 x 200                                 | 700 x 750 x 245     | 1000 x 750 x 245    | 1200 x 750 x 245     | 1200 x 750 x 245     | 1200 x 750 x 300                                     |
| Gross / net weight (kg)                          | 19.8 / 16.6                                     | 29 / 24.4           | 37.2 / 31.8         | 44.4 / 38.4          | 46.8 / 40.4          | 49.1 / 42.9  |
| Noise - Sound Pressure (dB (A))                  | ≤ 55.5  | ≤ 59                | ≤ 60                | ≤ 65                 | ≤ 64.5               | ≤ 64   |
| Sound power level (dB)                           | ≤ 62  | ≤ 62                | ≤ 69                | ≤ 70                 | ≤ 73                 | ≤ 74   |
| Refrigerant                                      | R32   | R32                 | R32                 | R32                  | R32                  | R32  |
| Bracket distance (mm)                            | 452   | 511                 | 663                 | 673                  | 634                  | 634  |
| Packaging dimensions (mm)                        | 887 x 337 x 610                                 | 915 x 370 x 615     | 995 x 398 x 740     | 1090 x 500 x 885     | 1095 x 495 x 1480    | 1095 x 495 x 1480                                    |
| Product dimensions (mm)                          | 765 x 303 x 555                                 | 805 x 330 x 554     | 890 x 342 x 673     | 946 x 410 x 810      | 952 x 415 x 1333     | 952 x 415 x 1333                                     |
| Gross / net weight (kg)                          | 29 / 26.6                                       | 35.2 / 32.5         | 46.9 / 43.9         | 85 / 80.5            | 118.3 / 103.7        | 121.2 / 107  |
| Liquid phase pipe diameter                       | 1 / 4"  | 1 / 4"              | 3 / 8"              | 3 / 8"               | 3 / 8"               | 3 / 8"   |
| Gas phase pipe diameter                          | 3 / 8"  | 1 / 2"              | 5 / 8"              | 5 / 8"               | 5 / 8"               | 5 / 8"   |
| Maximum pipe length (m)                          | 25  | 30                  | 50                  | 75                   | 75                   | 75   |
| Maximum height difference (m)                    | 10  | 20                  | 25                  | 30                   | 30                   | 30   |
| Pre-filled pipe length (m)                       | 5   | 5                   | 5                   | 5                    | 5                    | 5  |
| Gas refill (g / m)                               | 12  | 12                  | 24                  | 24                   | 24                   | 24   |
| Outdoor unit power supply (mm²)                  | 3 x 2.5   | 3 x 2.5             | 3 x 2.5             | 5 x 2.5              | 5 x 2.5              | 5 x 2.5  |
| Indoor unit power supply (mm²)                   | 3 x 1.5   | 3 x 1.5             | 3 x 1.5             | 3 x 1.5              | 3 x 1.5              | 3 x 1.5  |
| Connection (mm²)                                 | 4 x 1.5   | 4 x 1.5             | 4 x 1.5             | 4 x 1.5              | 4 x 1.5              | 4 x 1.5  |
| Power Supply                                     | ~220-240 V / 1 / 50 Hz; Indoor and outdoor unit |                     |                     |                      |                      | ~220-240 V / 1 / 50 Hz IU, ~380-415 V / 3 / 50 Hz OU |

Self-standing floor split system

# FS AERI

A++ Cooling SEER 6.1  
A+ Heating SCOP 4.0



## ENERGY SAVING



R32  
gas



Night  
mode

## HEALTH



Dust filter



Self-cleaning

## RELIABILITY



Cooling at  
a temp. of  
-15 °C



Heating at  
a temp. of  
-15 °C



3D DC  
Inverter



Error detection  
and display



Refrigerant  
leak detection  
sensor

## COMFORT AND CONVENIENCE



Last mode  
memory



Timer



Louver  
position  
memory



3 air flow  
speeds



Automatic  
operating  
mode



Turbo



Digital  
display



1.0 W  
Standby



Energy  
saving  
mode



Anti-corrosion  
protection -  
gold coating



Emergency  
function



The protective  
cover of the  
valve



Intelligent  
defrosting



Operation at  
low voltage



Manual  
control



Silent  
operation



Two-way  
condensate  
drain hose



Auto swing



Strong  
air flow



Soft start

# Wide application

Self-standing floor air conditioners are designed for large spaces - lobbies of office buildings, restaurants, shops, conference or similar large spaces where it is not possible to use the surface of walls and ceilings to install air conditioning.



## A PRACTICAL SOLUTION

They are easy to install and create a strong air flow that is directed by two rows of slats. DC - inverter compressor saves energy and makes temperature control more flexible and accurate.

| Model  | ACP-24FS70AERI R410a   | ACP-48FS140AERI R32    | ACP-55FS160AERI R410a |
|--|------------------------|------------------------|-----------------------|
| Capacity (W)                                     | 7030 (690~8530)        | 14067 (3517~15679)     | 16120 (4840~18540)    |
| Energy efficiency class                          | A++                    | A++                    | A++                   |
| Energy Efficiency SEER                           | 6,1                    | 6,1                    | 6,1                   |
| Cooling operating range                          | -15 °C ≤ T ≤ 50 °C     | -15 °C ≤ T ≤ 50 °C     | -15 °C ≤ T ≤ 50 °C    |
| Estimated load on cooling (W)                    | 7000                   | 14100                  | 15500                 |
| Power input (W)                                  | 2340 (570~3600)        | 4950 (900~5950)        | 5970 (1493~7726)      |
| Capacity (W)                                     | 7620 (1520~8650)       | 16119 (4103~17877)     | 17000 (5100~20400)    |
| Energy efficiency class                          | A+                     | A+                     | A+                    |
| Energy Efficiency SCOP                           | 4,0                    | 4,0                    | 4,0                   |
| Heating operating range                          | -15 °C ≤ T ≤ 24 °C     | -15 °C ≤ T ≤ 24 °C     | -15 °C ≤ T ≤ 24 °C    |
| Estimated load on heating (W)                    | 5700                   | 11100                  | 12200                 |
| Power input (W)                                  | 2000 (1450~3150)       | 5100 (1000~6200)       | 4709 (1177~6094)      |
| Air flow (m³ / h) - HI / MID / LOW               | 990 / 760 / 640        | 2413 / 2222 / 2027     | 2285 / 1927 / 1479    |
| Dehumidifying capacity (L / h)                   | 2.4                    | 4.8                    | 5.5                   |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW | 39.5 / 37.5 / 34.5     | 53 / 49 / 47           | 58 / 54 / 49          |
| Sound power level (dB)                           | ≤ 59                   | ≤ 67                   | ≤ 67                  |
| Packaging dimensions (mm)                        | 2000 x 510 x 490       | 2050 x 750 x 575       | 2050 x 745 x 545      |
| Product dimensions (mm)                          | 405 x 405 x 1775       | 1935 x 629 x 456       | 610 x 390 x 1925      |
| Gross / net weight (kg)                          | 38.4 / 29.9            | 59 / 77                | 69.8 / 60.8           |
| Noise - Sound Pressure (dB (A))                  | ≤ 58.5                 | ≤ 63                   | ≤ 62.5                |
| Sound power level (dB)                           | ≤ 68                   | ≤ 73                   | ≤ 74                  |
| Refrigerant                                      | R410a                  | R32                    | R410a                 |
| Bracket distance (mm)                            | 663                    | 634                    | 634                   |
| Packaging dimensions (mm)                        | 995 x 398 x 740        | 1095 x 495 x 1480      | 1095 x 500 x 1470     |
| Product dimensions (mm)                          | 890 x 342 x 673        | 952 x 415 x 1333       | 952 x 415 x 1333      |
| Gross / net weight (kg)                          | 47.9 / 44.7            | 118.3 / 103.7          | 126 / 112.8           |
| Liquid phase pipe diameter                       | 1/4"                   | 3/8"                   | 3/8"                  |
| Gas phase pipe diameter                          | 1/2"                   | 5/8"                   | 5/8"                  |
| Maximum pipe length (m)                          | 50                     | 65                     | 65                    |
| Maximum height difference (m)                    | 25                     | 30                     | 30                    |
| Pre-filled pipe length (m)                       | 5                      | 5                      | 5                     |
| Gas refill (g / m)                               | 24                     | 24                     | 24                    |
| Outdoor unit power supply (mm²)                  | 3 x 2.5                | 5 x 2.5                | 5 x 2.5               |
| Connection (mm²)                                 | 4 x 1.5                | 4 x 1.5                | 4 x 1.5               |
| Power Supply                                     | ~220~240 V / 1 / 50 Hz | ~380~415 V / 3 / 50 Hz |                       |

# **Multi- split systems**

## **DC Inverter**





# Wide range of options

The wide range of outdoor units and the possibility of connecting 2 to 5 indoor units enable the wide application of these air conditioners with special emphasis on commercial and residential spaces. Indoor units come in 5 different versions: wall, cassette, floor, floor-ceiling and duct. It is possible to choose between 21 different indoor units with a capacity range from 2.22 kW to 7.03 kW.

## NEW TECHNOLOGICAL SOLUTIONS OF HIGH ENERGY EFFICIENCY

VIVAX air conditioners are the ideal solution for air conditioning of business or residential space – they are designed to meet the requirements of both the user and the space to be air-conditioned. Durability of the device, reasonable price and A++ class of energy efficiency are the best choice that ranks VIVAX multi split DC inverters among the leading air conditioners in this segment of air conditioning.

## Flexible positioning of the outdoor unit

The maximum length of the installation is 80 m high, which allows very easy positioning of the device in relation to the external dimensions of the building. The outdoor unit can easily be placed on the roof of the building or the courtyard side of the building to keep the outdoor appearance intact.



Wall indoor units

# AERI | AEMI



Ionizer



Anti-corrosion protection -  
gold coating



Heating at a  
temp. of  
-20 °C



3D DC  
Inverter



Wi-Fi  
ready



Multi  
compatibility



Biofilter



Anti-corrosion  
protection -  
gold coating



3D DC  
Inverter



Follow me  
function



Automatic  
operating  
mode



Wi-Fi  
ready

## Model

Capacity (W)

**ACP-07CH21AEMI/I**

2052

**ACP-09CH25AERI/I+**

2638

**ACP-12CH35AERI/I+**

3517

**ACP-18CH50AERI/I+**

5275

Capacity (W)

2346

2931

3810

5568

Air flow (m³ / h) - HI / MID / LOW

520 / 460 / 340

483 / 362 / 303

584 / 477 / 395

730 / 500 / 420

Refrigerant

R32

R32

R32

R32

Dehumidifying capacity (L / h)

1.0

1.0

1.2

1.8

Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI

40 / 30 / 26 / 21

36.5 / 29 / 24 / 20

39.5 / 33 / 25 / 21

43 / 33.5 / 28 / 23

Sound power level (dB)

≤ 54

≤ 55

≤ 55

≤ 57

Packaging dimensions (mm)

870 x 270 x 360

875 x 285 x 380

875 x 285 x 380

1045 x 305 x 410

Product dimensions (mm)

805 x 194 x 285

802 x 189 x 297

802 x 189 x 297

965 x 215 x 319

Gross / net weight (kg)

9.5 / 7.5

11.1 / 8.6

11.1 / 8.6

14.2 / 10.9

Liquid phase pipe diameter

1 / 4"

1 / 4"

1 / 4"

1 / 4"

Gas phase pipe diameter

3 / 8"

3 / 8"

3 / 8"

1 / 2"

Connection (mm²)

4 x 1.5

4 x 1.5

4 x 1.5

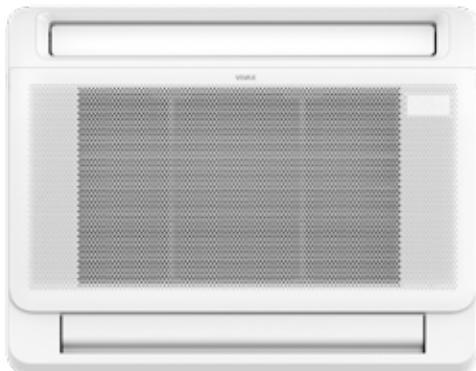
4 x 1.5

Power Supply

~220-240 V / 1 / 50 Hz; Outdoor unit

## Floor indoor units

# CT AERI



|                           | <b>Model</b>                                     | <b>ACP-09CT25AERI/I3</b>             | <b>ACP-12CT35AERI/I3</b> | <b>ACP-18CT50AERI/I3</b> |                    | <b>Model</b>  | <b>ACP-18CF50AERI/I3</b>             |
|---------------------------|--|--------------------------------------|--------------------------|--------------------------|--------------------|---|--------------------------------------|
| <b>Indoor unit</b>        | Capacity (W)                                     | 2638                                 | 3517                     | 4982                     | <b>Indoor unit</b> | Capacity (W)  | 5280                                 |
|                           | Cooling operating range                          | -15 °C ≤ T ≤ 50 °C                   | -15 °C ≤ T ≤ 50 °C       | -15 °C ≤ T ≤ 50 °C       |                    | Cooling operating range                               | -15 °C ≤ T ≤ 50 °C                   |
|                           | Capacity (W)                                     | 2931                                 | 3810                     | 4982                     |                    | Capacity (W)  | 5570                                 |
|                           | Heating operating range                          | -20 °C ≤ T ≤ 24 °C                   | -20 °C ≤ T ≤ 24 °C       | -20 °C ≤ T ≤ 24 °C       |                    | Heating operating range                               | -20 °C ≤ T ≤ 24 °C                   |
|                           | Air flow (m³ / h) - HI / MID / LOW               | 650 / 580 / 490                      | 650 / 580 / 490          | 780 / 690 / 600          |                    | Air flow (m³ / h) - HI / MID / LOW                    | 958 / 839 / 723                      |
|                           | Refrigerant                                      | R32                                  | R32                      | R32                      |                    | Refrigerant   | R32                                  |
|                           | Dehumidifying capacity (L / h)                   | 1.0                                  | 1.2                      | 1.8                      |                    | Dehumidifying capacity (L / h)                        | 1.8                                  |
|                           | Noise - Sound Pressure (dB (A)) - HI / MID / LOW | 37 / 34 / 27                         | 37 / 34 / 27             | 41 / 38 / 32             |                    | Noise - Sound Pressure (dB (A)) - HI / MID / LOW / SI | 43.5 / 41 / 36.5 / 24                |
|                           | Sound power level (dB)                           | ≤ 54                                 | ≤ 54                     | ≤ 55                     |                    | Sound power level (dB)                                | ≤ 57                                 |
|                           | Packaging dimensions (mm)                        | 903 x 731 x 295                      | 903 x 731 x 295          | 903 x 731 x 295          |                    | Packaging dimensions (mm)                             | 1145 x 755 x 318                     |
| <b>Connections</b>        | Product dimensions (mm)                          | 793 x 621 x 200                      | 793 x 621 x 200          | 793 x 621 x 200          |                    | Product dimensions (mm)                               | 1068 x 675 x 235                     |
|                           | Gross / net weight (kg)                          | 18.8 / 14.9                          | 18.8 / 14.9              | 18.8 / 14.9              |                    | Gross / net weight (kg)                               | 33.3 / 28                            |
|                           | Liquid phase pipe diameter                       | 1 / 4"                               | 1 / 4"                   | 1 / 4"                   |                    | Liquid phase pipe diameter                            | 1 / 4"                               |
|                           | Gas phase pipe diameter                          | 3 / 8"                               | 3 / 8"                   | 1 / 2"                   |                    | Gas phase pipe diameter                               | 1 / 2"                               |
| <b>Interconnect cable</b> | Connection (mm²)                                 | 4 x 1.5                              | 4 x 1.5                  | 4 x 1.5                  | <b>Connections</b> | Connection (mm²)                                      | 4 x 1.5                              |
|                           | Power Supply                                     | ~220-240 V / 1 / 50 Hz; Outdoor unit |                          |                          |                    | Power Supply  | ~220-240 V / 1 / 50 Hz; Outdoor unit |

## Floor-ceiling indoor units

# CF AERI





Cassette indoor units

# CC AERI

## Indoor unit

| Model  | ACP-09CC25AERI/I2                    | ACP-12CC35AERI/I3s | ACP-18CC50AERI/I3s |
|--|--------------------------------------|--------------------|--------------------|
| Capacity (W)                                     | 2638                                 | 3517               | 5280               |
| Cooling operating range                          | -15 °C ≤ T ≤ 50 °C                   | -15 °C ≤ T ≤ 50 °C | -15 °C ≤ T ≤ 50 °C |
| Capacity (W)                                     | 2931                                 | 3810               | 6568               |
| Heating operating range                          | -20 °C ≤ T ≤ 24 °C                   | -20 °C ≤ T ≤ 24 °C | -20 °C ≤ T ≤ 24 °C |
| Air flow (m³ / h) - HI / MID / LOW               | 580 / 500 / 450                      | 620 / 520 / 330    | 660 / 540 / 300    |
| Refrigerant                                      | R32                                  | R32                | R32                |
| Dehumidifying capacity (L / h)                   | 1.0                                  | 1.2                | 1.8                |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW | 38 / 33 / 29                         | 42 / 38.5 / 31.5   | 44 / 41 / 31.5     |
| Sound power level (dB)                           | ≤ 53                                 | ≤ 55               | ≤ 56               |
| Product packaging dimensions (mm)                | 675 x 640 x 295                      | 715 x 640 x 295    | 715 x 640 x 295    |
| Panel packaging dimensions (mm)                  | 715 x 715 x 125                      | 715 x 700 x 115    | 715 x 700 x 115    |
| Product dimensions (mm)                          | 570 x 570 x 260                      | 570 x 570 x 245    | 570 x 570 x 245    |
| Panel dimension (mm)                             | 620 x 620 x 50                       | 620 x 620 x 50     | 620 x 620 x 50     |
| Gross / net panel weight (kg)                    | 4.5 / 2.5                            | 4.3 / 2.7          | 4.3 / 2.7          |
| Gross / net product weight (kg)                  | 19.2 / 14.5                          | 18.8 / 16.1        | 19 / 16.2          |
| Liquid phase pipe diameter                       | 1 / 4"                               | 1 / 4"             | 1 / 4"             |
| Gas phase pipe diameter                          | 3 / 8"                               | 3 / 8"             | 1 / 2"             |
| Connection (mm²)                                 | 4 x 1.5                              | 4 x 1.5            | 4 x 1.5            |
| Power Supply                                     | ~220-240 V / 1 / 50 Hz; Outdoor unit |                    |                    |



Duct indoor units

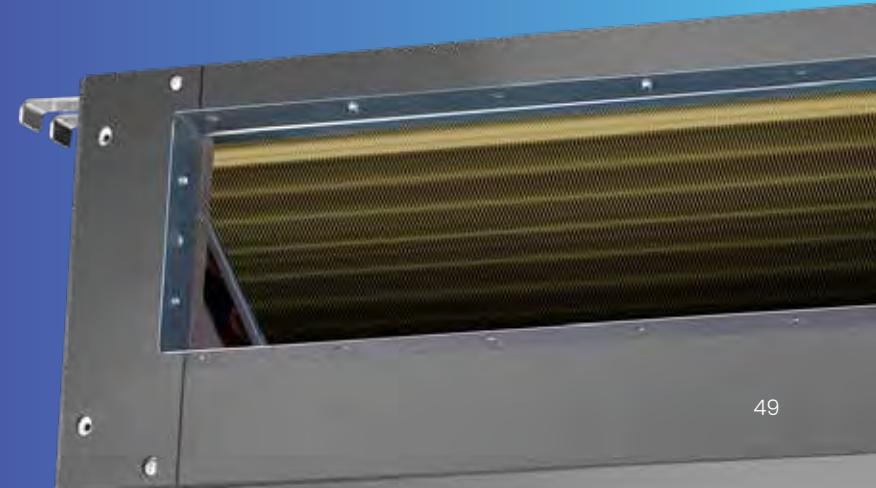
# DT AERI



| Model  | ACP-12DT35AERI/i3s                   | ACP-18DT50AERI/i3s |
|--|--------------------------------------|--------------------|
| Capacity (W)                                     | 3517                                 | 5280               |
| Cooling operating range                          | -15 °C ≤ T ≤ 50 °C                   | -15 °C ≤ T ≤ 50 °C |
| Capacity (W)                                     | 3810                                 | 5568               |
| Heating operating range                          | -20 °C ≤ T ≤ 24 °C                   | -20 °C ≤ T ≤ 24 °C |
| Air flow (m³ / h) - HI / MID / LOW               | 600 / 570 / 470                      | 900 / 780 / 650    |
| Refrigerant                                      | R32                                  | R32                |
| Dehumidifying capacity (L / h)                   | 1.2                                  | 1.8                |
| Noise - Sound Pressure (dB (A)) - HI / MID / LOW | 35 / 33 / 31                         | 36.5 / 34 / 31     |
| Sound power level (dB)                           | ≤ 52                                 | ≤ 53               |
| Packaging dimensions (mm)                        | 860 x 540 x 285                      | 925 x 850 x 298    |
| Product dimensions (mm)                          | 700 x 506 x 200                      | 700 x 750 x 245    |
| Gross / net weight (kg)                          | 19.8 / 16.6                          | 29 / 24.4          |
| Connections                                      | 1 / 4"                               | 1 / 4"             |
| Gas phase pipe diameter                          | 3 / 8"                               | 1 / 2"             |
| Interconnect cable                               | 4 x 1.5                              | 4 x 1.5            |
| Connection (mm²)                                 | ~220-240 V / 1 / 50 Hz; Outdoor unit |                    |
| Power Supply                                     |                                      |                    |

## PRIMEGUARD COATING FOR LONG-LASTING PERFORMANCE

The unique anti-corrosion gold coating on the heat exchanger can withstand salt air, rain and other corrosive elements. It also effectively prevents the growth of bacteria and improves heating efficiency.



Outdoor units

# COFM AERI

A++ Cooling SEER 6.9  
A+ Heating SCOP 4.0



R32  
gas



3D DC  
Inverter



Heating at  
a temp. of  
-20 °C



Cooling at  
a temp. of  
-15 °C



The protective  
cover of the  
valve



Error  
detection and  
display



Chassis  
heating  
belt



Compressor  
heating  
belt



Last mode  
memory



## Flexible installation

The maximum length of the cooling pipes can be up to 80 m. The maximum difference in height between the indoor and outdoor unit can be up to 30 m.

| Model              | ACP-14COFM40AERIs R32  | ACP-18COFM50AERIs R32 | ACP-21COFM60AERIs R32 | ACP-27COFM79AERIs R32 | ACP-28COFM82AERI R32                 | ACP-36COFM105AERI R32   | ACP-42COFM123AERIs R32  |
|--------------------|--|-----------------------|-----------------------|-----------------------|--------------------------------------|-------------------------|-------------------------|
| Cooling            | Capacity (W)   | 4103 (1611~4982)      | 5275 (2286~5715)      | 6155 (2491~7034)      | 7913 (3077~8909)                     | 8206 (3077~11137)       | 10550 (3077~11195)      |
|                    | Energy efficiency class                                      | A++                   | A++                   | A++                   | A++                                  | A++                     | A++                     |
|                    | Energy Efficiency SEER                                       | 6.9                   | 6.9                   | 6.9                   | 6.7                                  | 6.9                     | 6.9                     |
|                    | Cooling operating range                                      | -15 °C ≤ T ≤ 50 °C                   | -15 °C ≤ T ≤ 50 °C      | -15 °C ≤ T ≤ 50 °C      |
|                    | Estimated load on cooling (W)                                | 4100                  | 5300                  | 6100                  | 7900                                 | 8200                    | 10500                   |
|                    | Power input (W)  | 1270 (100~1670)       | 1635 (160~2000)       | 1900 (180~2200)       | 2450 (210~2960)                      | 2540 (210~3450)         | 3233 (230~4285)         |
|                    | Capacity (W)   | 4396 (1612~4982)      | 5570 (2403~5744)      | 6154 (1614~6593)      | 8206 (2110~8471)                     | 8206 (2345~8528)        | 10550 (3278~11943)      |
| Heating            | Energy efficiency class                                      | A+                    | A+                    | A+                    | A+                                   | A+                      | A+                      |
|                    | Energy Efficiency SCOP                                       | 4.0                   | 4.0                   | 4.0                   | 4.0                                  | 4.0                     | 4.0                     |
|                    | Heating operating range                                      | -20 °C ≤ T ≤ 24 °C                   | -20 °C ≤ T ≤ 24 °C      | -20 °C ≤ T ≤ 24 °C      |
|                    | Estimated load on heating                                    | 3.8                   | 4.5                   | 5.1                   | 5.7                                  | 5.9                     | 8.2                     |
|                    | Power input (W)  | 1185 (240~1525)       | 1500 (270~1750)       | 1660 (250~1750)       | 2210 (410~2330)                      | 2210 (450~2708)         | 2880 (603~4483)         |
|                    | Refrigerant  | R32                   | R32                   | R32                   | R32                                  | R32                     | R32                     |
|                    | Maximum number of indoor units                               | 2                     | 2                     | 3                     | 3                                    | 4                       | 4                       |
| Outdoor unit       | Noise - Sound Pressure (dB (A))                              | ≤ 54                  | ≤ 54                  | ≤ 56                  | ≤ 56                                 | ≤ 58                    | ≤ 59                    |
|                    | Sound power level (dB)                                       | ≤ 64                  | ≤ 65                  | ≤ 70                  | ≤ 70                                 | ≤ 70                    | ≤ 70                    |
|                    | Bracket distance (mm)  | 514                   | 514                   | 663                   | 663                                  | 673                     | 673                     |
|                    | Packaging dimensions (mm)                                    | 915 x 370 x 615       | 915 x 370 x 615       | 1030 x 438 x 750      | 1030 x 438 x 750                     | 1090 x 500 x 885        | 1090 x 500 x 885        |
|                    | Product dimensions (mm)                                      | 805 x 330 x 554       | 805 x 330 x 554       | 890 x 342 x 673       | 890 x 342 x 673                      | 946 x 410 x 810         | 946 x 410 x 810         |
|                    | Gross / net weight (kg)                                      | 34.7 / 31.6           | 38 / 35               | 47.1 / 43.3           | 51.8 / 48                            | 67.7 / 62.1             | 75.6 / 68.8             |
|                    | Liquid phase pipe diameter                                   | 1 / 4"                | 1 / 4"                | 1 / 4"                | 1 / 4"                               | 4" x 1 / 4"             | 5" x 1 / 4"             |
| Connections        | Gas phase pipe diameter                                      | 3 / 8"                | 3 / 8"                | 3 / 8"                | 3 / 8"                               | 3 x 3 / 8" + 1 x 1 / 2" | 3 x 3 / 8" + 1 x 1 / 2" |
|                    | Maximum pipe length (m)                                      | 40                    | 40                    | 60                    | 60                                   | 80                      | 80                      |
|                    | Maximum height difference (m)<br>(OU above IU / OU below IU) | 15 / 10               | 15 / 10               | 15 / 10               | 15 / 10                              | 15 / 10                 | 15 / 10                 |
|                    | Pre-filled pipe length (m)                                   | 15                    | 15                    | 22.5                  | 22.5                                 | 30                      | 30                      |
|                    | Gas refill<br>(For Liquid phase pipe diameter 1/4")          | 12 g / m                             | 12 g / m                | 12 g / m                |
|                    | Connection (mm <sup>2</sup> )                                | 3 x 2.5               | 3 x 2.5               | 3 x 2.5               | 3 x 2.5                              | 3 x 2.5                 | 3 x 4.0                 |
|                    | Power Supply   |                       |                       |                       | ~220~240 V / 1 / 50 Hz; Outdoor unit |                         |                         |
| Interconnect cable |  |                       |                       |                       |                                      |                         |                         |

# Multi-split combinations

ACP-14COFM40AERI R32

2 in. un.

| Cooling (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,10 (1,7-5,30)  |
| 7+9          | 1,81 | 2,33 | — | — | 4,15 (1,19-5,38) |
| 7+12         | 1,64 | 2,64 | — | — | 4,17 (1,17-5,52) |
| 9+9          | 2,06 | 2,06 | — | — | 4,13 (1,20-5,46) |
| 9+12         | 1,78 | 2,37 | — | — | 4,15 (1,17-5,57) |

| Heating (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,27 (1,67-5,03) |
| 7+9          | 1,93 | 2,48 | — | — | 4,41 (1,66-4,99) |
| 7+12         | 1,65 | 2,83 | — | — | 4,48 (1,67-5,07) |
| 9+9          | 2,21 | 2,21 | — | — | 4,43 (1,65-4,95) |
| 9+12         | 1,91 | 2,55 | — | — | 4,46 (1,66-5,04) |

ACP-18COFM50AERI R32

2 indoor un.

| Cooling (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,15 (1,33-5,64) |
| 7+9          | 2,05 | 2,64 | — | — | 4,65 (1,34-5,72) |
| 7+12         | 1,94 | 3,32 | — | — | 5,26 (1,32-5,89) |
| 9+9          | 2,64 | 2,64 | — | — | 5,58 (1,70-5,34) |
| 9+12         | 2,25 | 3,00 | — | — | 5,24 (1,34-5,96) |
| 12+12        | 2,64 | 2,64 | — | — | 5,27 (1,31-6,08) |

| Heating (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,43 (1,72-5,42) |
| 7+9          | 2,05 | 2,64 | — | — | 4,80 (1,71-5,38) |
| 7+12         | 2,10 | 3,61 | — | — | 5,71 (1,72-5,45) |
| 9+9          | 2,64 | 2,64 | — | — | 5,58 (1,70-5,34) |
| 9+12         | 2,25 | 3,00 | — | — | 5,68 (1,71-5,42) |
| 12+12        | 2,87 | 2,87 | — | — | 5,74 (1,71-5,48) |

ACP-21COFM60AERI R32

2 indoor units

| Cooling (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,17 (2,45-6,10) |
| 7+9          | 2,05 | 2,64 | — | — | 4,65 (2,49-6,20) |
| 7+12         | 2,05 | 3,52 | — | — | 5,56 (2,43-6,40) |
| 7+18         | 1,73 | 4,44 | — | — | 6,17 (2,62-6,81) |
| 9+9          | 2,64 | 2,64 | — | — | 5,26 (2,53-6,30) |
| 9+12         | 2,24 | 3,52 | — | — | 6,12 (2,46-6,48) |
| 9+18         | 2,05 | 4,10 | — | — | 6,15 (2,65-6,86) |
| 12+12        | 3,10 | 3,10 | — | — | 6,19 (2,41-6,63) |

| Heating (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,28 (2,51-6,97) |
| 7+9          | 2,05 | 2,64 | — | — | 4,81 (2,50-6,93) |
| 7+12         | 2,05 | 3,52 | — | — | 5,78 (2,51-7,05) |
| 7+18         | 1,84 | 4,72 | — | — | 6,56 (2,56-7,20) |
| 9+9          | 2,64 | 2,64 | — | — | 5,50 (2,49-6,88) |
| 9+12         | 2,24 | 3,52 | — | — | 6,39 (2,50-7,01) |
| 9+18         | 2,18 | 4,38 | — | — | 6,53 (2,55-7,17) |
| 12+12        | 3,23 | 3,23 | — | — | 6,46 (2,51-7,09) |

3 indoor un.

| Cooling (kW) |      |      |      |   |                  |
|--------------|------|------|------|---|------------------|
| Unit         | A    | B    | C    | D | Total            |
| 7+7+7        | 2,05 | 2,05 | 2,05 | — | 6,10 (2,67-6,75) |
| 7+7+9        | 1,87 | 1,87 | 2,40 | — | 6,14 (2,70-6,79) |
| 7+7+12       | 1,68 | 1,68 | 2,87 | — | 6,23 (2,85-6,89) |
| 7+9+9        | 1,73 | 2,23 | 2,23 | — | 6,18 (2,72-6,84) |
| 9+9+9        | 2,05 | 2,05 | 2,05 | — | 6,16 (2,75-6,89) |
| 9+9+12       | 1,87 | 1,87 | 2,50 | — | 6,24 (2,70-6,98) |

| Heating (kW) |      |      |      |   |                  |
|--------------|------|------|------|---|------------------|
| Unit         | A    | B    | C    | D | Total            |
| 7+7+7        | 2,05 | 2,05 | 2,05 | — | 6,41 (2,57-7,30) |
| 7+7+9        | 1,94 | 1,94 | 2,50 | — | 6,38 (2,57-7,27) |
| 7+7+12       | 1,73 | 1,73 | 2,97 | — | 6,42 (2,57-7,32) |
| 7+9+9        | 1,78 | 2,29 | 2,29 | — | 6,38 (2,56-7,24) |
| 9+9+9        | 2,11 | 2,11 | 2,11 | — | 6,33 (2,55-7,21) |
| 9+9+12       | 1,91 | 1,91 | 2,55 | — | 6,38 (2,56-7,27) |

ACP-27COFM79AERI R32

| Cooling (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,18 (3,13-7,63) |
| 7+9          | 2,05 | 2,64 | — | — | 4,71 (3,17-7,79) |
| 7+12         | 2,05 | 3,52 | — | — | 5,56 (3,12-8,13) |
| 7+18         | 2,05 | 5,28 | — | — | 7,33 (3,31-8,87) |
| 9+9          | 2,64 | 2,64 | — | — | 5,26 (3,20-7,94) |
| 9+12         | 2,64 | 3,52 | — | — | 6,19 (3,16-8,26) |

| Heating (kW) |      |      |   |   |                  |
|--------------|------|------|---|---|------------------|
| Unit         | A    | B    | C | D | Total            |
| 7+7          | 2,05 | 2,05 | — | — | 4,44 (2,99-8,42) |
| 7+9          | 2,05 | 2,64 | — | — | 4,95 (2,98-8,34) |
| 7+12         | 2,05 | 3,52 | — | — | 5,87 (2,98-8,50) |
| 7+18         | 2,05 | 5,28 | — | — | 7,51 (3,05-8,71) |
| 9+9          | 2,64 | 2,64 | — | — | 5,51 (2,96-8,25) |
| 9+12         | 2,64 | 3,52 | — | — | 6,48 (2,97-8,46) |

| Cooling (kW) |      |      |      |   |                  |
|--------------|------|------|------|---|------------------|
| Unit         | A    | B    | C    | D | Total            |
| 7+7+7        | 2,05 | 2,05 | 2,05 | — | 6,08 (3,39-8,78) |
| 7+7+9        | 2,05 | 2,05 | 2,64 | — | 6,74 (3,43-8,87) |
| 7+7+12       | 2,05 | 2,05 | 3,52 | — | 7,64 (3,36-9,07) |
| 7+7+18       | 173  | 173  | 4,44 | — | 7,90 (3,54-9,46) |
| 7+9+9        | 2,05 | 2,64 | 2,64 | — | 7,26 (3,47-8,97) |
| 7+9+12       | 198  | 2,54 | 3,39 | — | 7,91 (3,40-9,16) |
| 7+9+18       | 164  | 2,10 | 4,21 | — | 7,94 (3,58-9,52) |
| 7+12+12      | 179  | 3,06 | 3,06 | — | 7,92 (3,33-9,33) |
| 9+9+9        | 2,64 | 2,64 | 2,64 | — | 7,85 (3,51-9,05) |
| 9+9+12       | 2,36 | 2,36 | 3,14 | — | 7,86 (3,44-9,24) |
| 9+12+12      | 2,14 | 2,85 | 2,85 | — | 7,85 (3,38-9,39) |
| 12+12+12     | 2,65 | 2,65 | 2,65 | — | 7,95 (3,30-9,52) |

| Heating (kW) |      |      |      |   |                  |
|--------------|------|------|------|---|------------------|
| Unit         | A    | B    | C    | D | Total            |
| 7+7+7        | 2,05 | 2,05 | 2,05 | — | 6,48 (3,13-9,76) |
| 7+7+9        | 2,05 | 2,05 | 2,64 | — | 6,92 (3,12-9,67) |
| 7+7+12       | 2,05 | 2,05 | 3,52 | — | 7,89 (3,13-9,80) |
| 7+7+18       | 173  | 173  | 4,44 | — | 8,25 (3,16-9,97) |
| 7+9+9        | 2,05 | 2,64 | 2,64 | — | 7,55 (3,12-9,63) |
| 7+9+12       | 198  | 2,54 | 3,39 | — | 8,20 (3,12-9,76) |
| 7+9+18       | 164  | 2,10 | 4,21 | — | 8,22 (3,16-9,94) |
| 7+12+12      | 179  | 3,06 | 3,06 | — | 8,27 (3,11-9,71) |
| 9+9+9        | 2,64 | 2,64 | 2,64 | — | 8,28 (3,11-9,58) |
| 9+9+12       | 2,36 | 2,36 | 3,14 | — | 8,27 (3,11-9,71) |
| 9+12+12      | 2,14 | 2,85 | 2,85 | — | 8,24 (3,12-9,82) |
| 12+12+12     | 2,65 | 2,65 | 2,65 | — | 8,24 (3,12-9,90) |

ACP-28COFM82AERI R32

| Cooling (kW) |      |      |      |      |                   |
|--------------|------|------|------|------|-------------------|
| Unit         | A    | B    | C    | D    | Total             |
| 7+7+7+7      | 2,05 | 2,05 | 2,05 | 2,05 | 8,09 (3,62-10,64) |
| 7+7+7+9      | 1,90 | 1,90 | 1,90 | 2,44 | 8,13 (3,65-10,72) |
| 7+7+7+12     | 1,72 | 1,72 | 2,95 | —    | 8,11 (3,60-10,88) |
| 7+7+7+18     | 1,76 | 1,76 | 2,27 | 2,27 | 8,06 (3,67-10,79) |
| 7+7+9+9      | 1,76 | 1,76 | 2,27 | 2,27 | 8,06 (3,67-10,79) |
| 7+7+9+12     | 1,63 | 1,63 | 2,09 | 2,79 | 8,14 (3,63-10,95) |
| 7+7+9+18     | 1,67 | 2,14 | 2,14 | 2,14 | 8,10 (3,70-10,87) |
| 7+9+9+12     | 1,53 | 1,96 | 1,9  |      |                   |

## ACP-36COFM105AERI R32

| Unit  | Cooling (kW) |      |   |   |                   | Heating (kW) |      |   |   |                   |
|-------|--------------|------|---|---|-------------------|--------------|------|---|---|-------------------|
|       | A            | B    | C | D | Total             | A            | B    | C | D | Total             |
| 7+12  | 2,05         | 3,52 | — | — | 5,63 (3,27-10,41) | 2,05         | 3,52 | — | — | 5,59 (4,06-12,37) |
| 7+18  | 2,05         | 5,28 | — | — | 7,35 (3,47-11,58) | 2,05         | 5,28 | — | — | 7,59 (4,19-12,95) |
| 9+9   | 2,64         | 2,64 | — | — | 5,27 (3,36-10,06) | 2,64         | 2,64 | — | — | 5,54 (4,01-11,80) |
| 9+12  | 2,64         | 3,52 | — | — | 6,27 (3,31-10,62) | 2,64         | 3,52 | — | — | 6,56 (4,03-12,21) |
| 9+18  | 2,64         | 5,28 | — | — | 7,98 (3,51-11,75) | 2,64         | 5,28 | — | — | 8,25 (4,17-12,85) |
| 12+12 | 3,52         | 3,52 | — | — | 7,13 (3,26-11,10) | 3,52         | 3,52 | — | — | 7,42 (4,06-12,62) |
| 12+18 | 3,52         | 5,28 | — | — | 8,94 (3,46-12,05) | 3,52         | 5,28 | — | — | 9,21 (4,19-13,09) |

| Unit     | Cooling (kW) |      |      |   |                    | Heating (kW) |      |      |   |                    |
|----------|--------------|------|------|---|--------------------|--------------|------|------|---|--------------------|
|          | A            | B    | C    | D | Total              | A            | B    | C    | D | Total              |
| 7+7+7    | 2,05         | 2,05 | 2,05 | — | 6,20 (3,54-11,53)  | 2,05         | 2,05 | 2,05 | — | 6,39 (4,25-12,95)  |
| 7+7+9    | 2,05         | 2,05 | 2,64 | — | 6,73 (3,58-11,69)  | 2,05         | 2,05 | 2,64 | — | 6,96 (4,23-12,86)  |
| 7+7+12   | 2,05         | 2,05 | 3,52 | — | 7,61 (3,51-11,98)  | 2,05         | 2,05 | 3,52 | — | 7,94 (4,24-13,09)  |
| 7+7+18   | 2,05         | 2,05 | 5,28 | — | 9,35 (3,71-12,63)  | 2,05         | 2,05 | 5,28 | — | 9,70 (4,31-13,38)  |
| 7+9+9    | 2,05         | 2,64 | 2,64 | — | 7,25 (3,63-11,84)  | 2,05         | 2,64 | 2,64 | — | 7,51 (4,22-12,75)  |
| 7+9+12   | 2,05         | 2,64 | 3,52 | — | 8,26 (3,56-12,12)  | 2,05         | 2,64 | 3,52 | — | 8,47 (4,23-13,01)  |
| 7+9+18   | 2,05         | 2,64 | 5,28 | — | 9,95 (3,75-12,75)  | 2,05         | 2,64 | 5,28 | — | 10,22 (4,30-13,34) |
| 7+12+12  | 3,52         | 3,52 | —    | — | 9,09 (3,48-12,43)  | 2,05         | 3,52 | 3,52 | — | 9,42 (4,24-13,22)  |
| 7+12+18  | 2,01         | 3,44 | 5,16 | — | 10,61 (3,69-13,00) | 2,06         | 3,54 | 5,30 | — | 10,90 (4,31-13,48) |
| 9+9+9    | 2,64         | 2,64 | 2,64 | — | 7,90 (3,67-11,93)  | 2,64         | 2,64 | 2,64 | — | 8,15 (4,20-12,63)  |
| 9+9+12   | 2,64         | 2,64 | 3,52 | — | 8,74 (3,60-12,25)  | 2,64         | 2,64 | 3,52 | — | 8,97 (4,21-12,91)  |
| 9+9+18   | 2,64         | 2,64 | 5,28 | — | 10,53 (3,78-12,86) | 2,64         | 2,64 | 5,28 | — | 10,89 (4,29-13,28) |
| 9+12+12  | 2,64         | 3,52 | 3,52 | — | 9,69 (3,53-12,55)  | 2,64         | 3,52 | 3,52 | — | 10,06 (4,22-13,14) |
| 9+12+18  | 2,43         | 3,25 | 4,87 | — | 10,65 (3,72-13,10) | 2,51         | 3,34 | 5,01 | — | 10,86 (4,30-13,44) |
| 12+12+12 | 3,52         | 3,52 | 3,52 | — | 10,60 (3,47-12,81) | 3,52         | 3,52 | 3,52 | — | 10,90 (4,23-13,33) |
| 12+12+18 | 3,05         | 3,05 | 4,57 | — | 10,67 (3,66-13,32) | 3,13         | 3,13 | 4,70 | — | 10,96 (4,31-13,58) |



## ACP-42COFM123AERI R32

| Unit  | Cooling (kW) |      |   |   |   | Heating (kW)      |      |      |      |   |
|-------|--------------|------|---|---|---|-------------------|------|------|------|---|
|       | A            | B    | C | D | E | A                 | B    | C    | D    | E |
| 7+18  | 2,05         | 5,28 | — | — | — | 7,42 (3,50-11,72) | 2,05 | 2,05 | 2,05 | — |
| 9+12  | 2,64         | 3,52 | — | — | — | 6,15 (3,34-10,74) | 2,64 | 3,52 | —    | — |
| 9+18  | 2,64         | 5,28 | — | — | — | 8,07 (3,54-11,89) | 2,64 | 5,28 | —    | — |
| 12+12 | 3,52         | 3,52 | — | — | — | 7,18 (3,28-11,23) | 3,52 | 3,52 | —    | — |
| 12+18 | 3,52         | 5,28 | — | — | — | 8,92 (3,49-12,25) | 3,52 | 5,28 | —    | — |

| Unit     | Cooling (kW) |      |      |   |                   | Heating (kW)       |      |      |      |                   |
|----------|--------------|------|------|---|-------------------|--------------------|------|------|------|-------------------|
|          | A            | B    | C    | D | E                 | A                  | B    | C    | D    | E                 |
| 7+7+7    | 2,05         | 2,05 | 2,05 | — | 6,05 (3,56-11,66) | 2,05               | 2,05 | 2,05 | —    | 6,37 (3,48-13,13) |
| 7+7+9    | 2,05         | 2,05 | 2,64 | — | —                 | 6,78 (3,61-11,82)  | 2,05 | 2,05 | 2,64 | —                 |
| 7+7+12   | 2,05         | 2,05 | 3,52 | — | —                 | 7,53 (3,53-12,18)  | 2,05 | 2,05 | 3,52 | —                 |
| 7+7+18   | 2,05         | 2,05 | 5,28 | — | —                 | 9,47 (3,74-12,80)  | 2,05 | 2,05 | 5,28 | —                 |
| 7+9+9    | 2,05         | 2,64 | 2,64 | — | —                 | 7,32 (3,65-11,98)  | 2,05 | 2,64 | 2,64 | —                 |
| 7+9+12   | 2,05         | 2,64 | 3,52 | — | —                 | 8,21 (3,58-12,32)  | 2,05 | 2,64 | 3,52 | —                 |
| 7+9+18   | 2,05         | 2,64 | 5,28 | — | —                 | 10,08 (3,78-12,92) | 2,05 | 2,64 | 5,28 | —                 |
| 7+12+12  | 2,05         | 3,52 | 3,52 | — | —                 | 9,06 (3,51-12,63)  | 2,05 | 3,52 | 3,52 | —                 |
| 7+12+18  | 2,05         | 3,52 | 5,28 | — | —                 | 10,87 (3,71-13,17) | 2,05 | 3,52 | 5,28 | —                 |
| 9+9+9    | 2,64         | 2,64 | 2,64 | — | —                 | 7,84 (3,70-12,13)  | 2,64 | 2,64 | 2,64 | —                 |
| 9+9+12   | 2,64         | 2,64 | 3,52 | — | —                 | 8,85 (3,63-12,46)  | 2,64 | 2,64 | 3,52 | —                 |
| 9+9+18   | 2,64         | 2,64 | 5,28 | — | —                 | 10,53 (3,81-13,03) | 2,64 | 2,64 | 5,28 | —                 |
| 9+12+12  | 2,64         | 3,52 | 3,52 | — | —                 | 9,68 (3,55-12,71)  | 2,64 | 3,52 | 3,52 | —                 |
| 9+12+18  | 2,64         | 3,52 | 5,28 | — | —                 | 11,45 (3,75-13,27) | 2,64 | 3,52 | 5,28 | —                 |
| 12+12+12 | 3,52         | 3,52 | 3,52 | — | —                 | 10,60 (3,50-12,98) | 3,52 | 3,52 | 3,52 | —                 |
| 12+12+18 | 3,52         | 3,52 | 5,28 | — | —                 | 12,13 (3,69-13,49) | 3,52 | 3,52 | 5,28 | —                 |

| Unit        | Cooling (kW) |      |      |      |   | Heating (kW)       |      |      |      |      |
|-------------|--------------|------|------|------|---|--------------------|------|------|------|------|
|             | A            | B    | C    | D    | E | A                  | B    | C    | D    | E    |
| 7+7+7+7     | 2,05         | 2,05 | 2,05 | 2,05 | — | 8,10 (3,81-12,87)  | 2,05 | 2,05 | 2,05 | 2,05 |
| 7+7+7+9     | 2,05         | 2,05 | 2,05 | 2,64 | — | 8,78 (3,84-12,98)  | 2,05 | 2,05 | 2,05 | 2,64 |
| 7+7+7+12    | 2,05         | 2,05 | 2,05 | 3,52 | — | 9,65 (3,79-13,22)  | 2,05 | 2,05 | 2,05 | 3,52 |
| 7+7+7+18    | 2,05         | 2,05 | 2,05 | 5,28 | — | 11,39 (3,94-13,79) | 2,05 | 2,05 | 2,05 | 5,28 |
| 7+7+9+9     | 2,05         | 2,05 | 2,64 | 2,64 | — | 9,20 (3,87-13,08)  | 2,05 | 2,05 | 2,64 | 2,64 |
| 7+7+9+12    | 2,05         | 2,05 | 2,64 | 3,52 | — | 10,13 (3,82-13,32) | 2,05 | 2,05 | 2,64 | 3,52 |
| 7+7+9+18    | 2,05         | 2,05 | 2,64 | 5,28 | — | 12,00 (3,96-13,88) | 2,05 | 2,05 | 2,64 | 5,28 |
| 7+7+12+12   | 2,05         | 2,05 | 3,52 | 3,52 | — | 11,08 (3,77-13,63) | 2,05 | 2,05 | 3,52 | 3,52 |
| 7+7+12+18   | 1,93         | 1,93 | 3,30 | 3,48 | — | 12,12 (3,92-14,05) | 1,97 | 1,97 | 3,37 | 5,05 |
| 7+9+9+9     | 2,05         | 2,64 | 2,64 | 2,64 | — | 9,93 (3,90-13,19)  | 2,05 | 2,64 | 2,64 | 2,64 |
| 7+9+9+12    | 2,05         | 2,64 | 2,64 | 3,52 | — | 10,74 (3,85-13,41) | 2,05 | 2,64 | 2,64 | 3,52 |
| 7+9+9+18    | 1,96         | 2,52 | 2,52 | 5,05 | — | 12,06 (3,99-13,95) | 2,02 | 2,59 | 5,19 | —    |
| 7+9+12+12   | 2,05         | 2,64 | 3,52 | 3,52 | — | 11,68 (3,80-13,62) | 2,05 | 2,64 | 3,52 | 3,52 |
| 7+9+12+18   | 1,85         | 2,38 | 3,17 | 4,76 | — | 12,17 (3,95-14,12) | 1,88 | 2,41 | 3,21 | 4,82 |
| 7+12+12+12  | 1,97         | 2,27 | 2,27 | 4,54 | — | 12,08 (3,74-13,80) | 2,02 | 3,45 | 3,45 | 3,45 |
| 7+12+12+18  | 1,73         | 2,97 | 2,97 | 4,45 | — | 12,13 (3,90-14,26) | 1,77 | 3,03 | 3,03 | 4,55 |
| 9+9+9+9     | 2,64         | 2,64 | 2,64 | 2,64 | — | 10,54 (3,93-13,29) | 2,64 | 2,64 | 2,64 | 2,64 |
| 9+9+9+12    | 2,64         | 2,64 | 2,64 | 3,52 | — | 11,34 (3,88-13,50) | 2,64 | 2,64 | 2,64 | 3,52 |
| 9+9+9+18    | 2,42         | 2,42 | 2,42 | 4,84 | — | 12,11 (4,01-14,03) | 2,47 | 2,47 | 2,47 | 4,94 |
| 9+9+12+12   | 2,64         | 3,52 | 3,52 | 3,52 | — | 12,15 (3,83-13,70) | 2,64 | 2,64 | 3,52 | 3,52 |
| 9+9+12+18   | 2,26         | 3,02 | 3,02 | 4,53 | — | 12,07 (3,97-14,18) | 2,33 | 2,33 | 3,11 | 4,66 |
| 9+12+12+12  | 2,43         | 3,24 | 3,24 | 3,24 | — | 12,14 (3,78-13,88) | 2,47 | 3,29 | 3,29 | —    |
| 9+12+12+18  | 2,15         | 2,86 | 2,86 | 4,30 | — | 12,17 (3,93-14,32) | 2,18 | 2,91 | 2,91 | 4,36 |
| 12+12+12+12 | 3,03         | 3,03 | 3,03 | 3,03 | — | 12,11 (3,72-14,05) | 3,11 | 3,11 | 3,11 | —    |
| 12+12+12+18 | 2,69         | 2,69 | 2,69 | 4,04 | — | 12,12 (3,88-14,45) | 2,76 | 2,76 | 2,76 | 4,14 |

| Unit    | Cooling (kW) |      |      |      |      | Heating (kW)       |      |      |      |      |
|---------|--------------|------|------|------|------|--------------------|------|------|------|------|
|         | A            | B    | C    | D    | E    | A                  | B    | C    | D    | E    |
| 7+7+7+7 | 2,05         | 2,05 | 2,05 | 2,05 | 2,05 | 10,18 (3,97-13,71) | 2,05 | 2,05 | 2,05 | 2,05 |

# Overview of **outdoor units**

**720 x 270 x 495 mm**

Bracket distance 452 mm



**765 x 303 x 555 mm**

Bracket distance 452 mm



**805 x 330 x 554 mm**

Bracket distance 511 mm



## Name of outdoor unit

## Compatible indoor units

|                   |                   |
|-------------------|-------------------|
| ACP-09CH25AEMI/O3 | ACP-09CH25AEMI/I3 |
| ACP-09CH25AEQI/O3 | ACP-09CH25AEQI/I3 |
| ACP-12CH35AEMI/O3 | ACP-12CH35AEMI/I3 |
| ACP-12CH35AEQI/O3 | ACP-12CH35AEQI/I3 |
| ACP-12CH35AEXI/O3 | ACP-12CH35AEXI/I3 |
| ACP-12CH35AEMI/O  | ACP-12CH35AEMI/I  |
| ACP-12CH35AENI/O  | ACP-12CH35AENI/I  |

## Name of outdoor unit

## Compatible indoor units

|                     |                                 |
|---------------------|---------------------------------|
| ACP-09CH25AERI/O+   | ACP-09CH25AERI/I+               |
| ACP-09CH25AERI/O+   | ACP-09CH25AERI/I+ GOLD          |
| ACP-09CH25AERI/O+   | ACP-09CH25AERI/I+ SILVER        |
| ACP-12CH35AEHI/O+   | ACP-12CH35AEHI/I+               |
| ACP-12CH35AEHI/O+   | ACP-12CH35AEHI/I+ GOLD          |
| ACP-12CH35AEHI/O+   | ACP-12CH35AEHI/I+ SILVER        |
| ACP-12CH35AERI/O+   | ACP-12CH35AERI/I+               |
| ACP-12CH35AERI/O+   | ACP-12CH35AERI/I+ GOLD          |
| ACP-12CH35AERI/O+   | ACP-12CH35AERI/I+ SILVER        |
| ACP-12CH35AERI/O+   | ACP-12CH35AERI/I+ RED           |
| ACP-12CH35AERI/O+   | ACP-12CH35AERI/I+ SILVER MIRROR |
| ACP-12CC35AERI/Os   | ACP-12CC35AERI/I3s              |
| ACP-12LCAC35AERI/Os | ACP-12CT35AERI/I3               |
| ACP-12LCAC35AERI/Os | ACP-12DT35AERI/I3s              |

## Name of outdoor unit

## Compatible indoor units

|                               |                                 |
|-------------------------------|---------------------------------|
| ACP-12CH35AEYI/Os             | ACP-12CH35AEYI/I3               |
| ACP-18CH50AERI/O+             | ACP-18CH50AERI/I+ SILVER MIRROR |
| ACP-18CH50AERI/I+             | ACP-18CH50AERI/I+               |
| ACP-18CH50AEMI/O2s            | ACP-18CH50AEMI/I2s              |
| ACP-18CH50AEQI/O2s            | ACP-18CH50AEQI/I2s              |
| ACP-18CC50AERI/I3s            | ACP-18CC50AERI/I3s              |
| ACP-18CT50AERI/I3             | ACP-18CT50AERI/I3               |
| ACP-18CF50AERI/I3             | ACP-18CF50AERI/I3               |
| ACP-18DT50AERI/I3s            | ACP-18DT50AERI/I3s              |
| ACP-18CH50AENI/O              | ACP-18CH50AENI/I                |
| ACP-18CH50AEHI/I+             | ACP-18CH50AEHI/I+               |
| ACP-18CH50AEHI/I+ SILVER      | ACP-18CH50AEHI/I+ SILVER        |
| ACP-18CH50AEHI/I+ GOLD        | ACP-18CH50AEHI/I+ GOLD          |
| ACP-18CH50AEHI/I+ GRAY MIRROR | ACP-18CH50AEHI/I+ GRAY MIRROR   |

**890 x 342 x 673 mm**

Bracket distance 663 mm



**Name of outdoor unit**

ACP-24CH70AEMI/O2s

ACP-24CH70AEQI/O2s

ACP-24LCAC70AERI/Os

ACP-24FS70AERI/O3

ACP-24DT70AERI/O3

**Compatible indoor units**

ACP-24CH70AEMI/I2s

ACP-24CH70AEQI/I2s

ACP-24CC70AERI/I3

ACP-24CF70AERI/I3

ACP-24FS70AERI/I3

ACP-24DT70AERI/I3s

**946 x 410 x 810 mm**

Bracket distance 673 mm



**Name of outdoor unit**

ACP-36LCAC105AERI/Os

**Compatible indoor units**

ACP-36DTI05AERI/I3s

ACP-36CC105AERI/I3

ACP-36CFI05AERI/I3

**952 x 415 x 1333 mm**

Bracket distance 634 mm



**Name of outdoor unit**

ACP-48FSI40AERI/I2

ACP-48CC140AERI/I3

ACP-48LCAC140AERI/O2s

ACP-48DTI40AERI/I3s

ACP-55CC160AERI/I3

ACP-55CFI60AERI/I3

ACP-55DTI60AERI/I3s

ACP-55FSI60AERI/I3

### Motherboard cooling on the outdoor unit

The newly designed cooling circuits use improved airing technology – both for efficient cooling and for heat exchangers and electronic boxes, which significantly improves the performance of the unit at high ambient temperatures. It is 5 times more efficient in heat transfer compared to conventional technology.



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