



VIVAX

Made for you

Air conditioners catalogue 2015



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Function



PTC HEATER

Additional heaters, one heater is used for heating oil in the compressor, and second one improves defrosting of the outdoor unit. Heater operation is controlled by the main processor. This management control enables a smooth and safe operation when the outdoor temperature reaches -15 °C.



Wi-Fi Ready

With the Wi-Fi control, you can easily turn off the AC outside your house via smart device. Furthermore, you can turn it on before you come back.



TURBO

AC will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.



I FEEL

The mini sensor in the remote controller can sense its surrounding temperature, and transmit the signal back to the indoor unit. So, the unit can adjust the air flow volume and temperature accordingly so as to provide maximum comfort.



3D AIR FLOW

Combines vertical and horizontal auto swing to ensure even distribution throughout the room.



Refrigerant Leakage Detect

The indoor unit will display error code "EC" when the system detects refrigerant leakage. This new technology can better protect the compressor.



EMERGENCY USING FUNCTION

When temperature sensor error happens, the regular AC will display error code and stop immediately, while VIVAX AC will display error and continue running in proper status, to avoid the case that AC is in urgent need.



-15°C/-20°C HEATING

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



LOW AMBIENT KIT

Allows operation of the unit in cooling mode at low outdoor temperature.



Intelligent Defrosting

I-defrosting is only performed when needed, which reduces energy waste by eliminating the unnecessary defrosting process.



SELF DIAGNOSIS DISPLAYING

Display the error description on LED display for faster and easier solutions of the resulting problems.



VALVE PROTECTION COVER

Outdoor unit valves for protection.



Louver Position Memory Function

When you start the unit next time, the angle of vertical swing will automatically move to the same position as you set last time.



AUTO OPERATION

The device offers the possibility of adjusting the automatic mode. By selecting this function, the device automatically determines the fan speed of the indoor unit and mode, comparing the set temperature and current conditions in the area.



MEMORY FUNCTION (AUTO RESTART)

When the power is off and then on, the unit automatically restores the previous function settings.



MONO & MULTI COMPATIBLE

Compatible indoor unit for both, mono and multi inverter system. It comes in handy for warehouse management.



BUILT IN DRAIN PUMP

The drain pump can lift the condensing water up to 750mm.



TIMER

Timer allows initiation and termination of devices from within a period of 24 hours.



12 FAN SPEEDS

Improve indoor fan speeds from 6 grades to 12 grades ensure more accurate control and bring more comfortable air flow.



WIRED CONTROLLER

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly use for commercial zone and makes AC control more convenient.



Self Cleaning

By pressing the button "CLEAN" on the remote control, the device will automatically start with cleaning the indoor unit. This function will eliminate the bacteria and their reproduction, and the air becomes cleaner and fresher.



BIO Filter

Consists of specialized biological enzyme and eco Filter. The eco Filter catches very small airborne dust particles and neutralizes bacteria, fungi and microbes. Biological enzyme kill bacteria by dissolving their cell wall thus it eliminating the problem of the re-pollution.



COLD CATALYST FILTER

Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.



DUST Filter

Absorb and eliminate dust form the air.



IONIZER

Release negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.



COMFORTABLE SLEEP FUNCTION

Temperature is slightly rising or falling automatically in order to preserve the pleasant room temperature, and also reduce energy consumption.



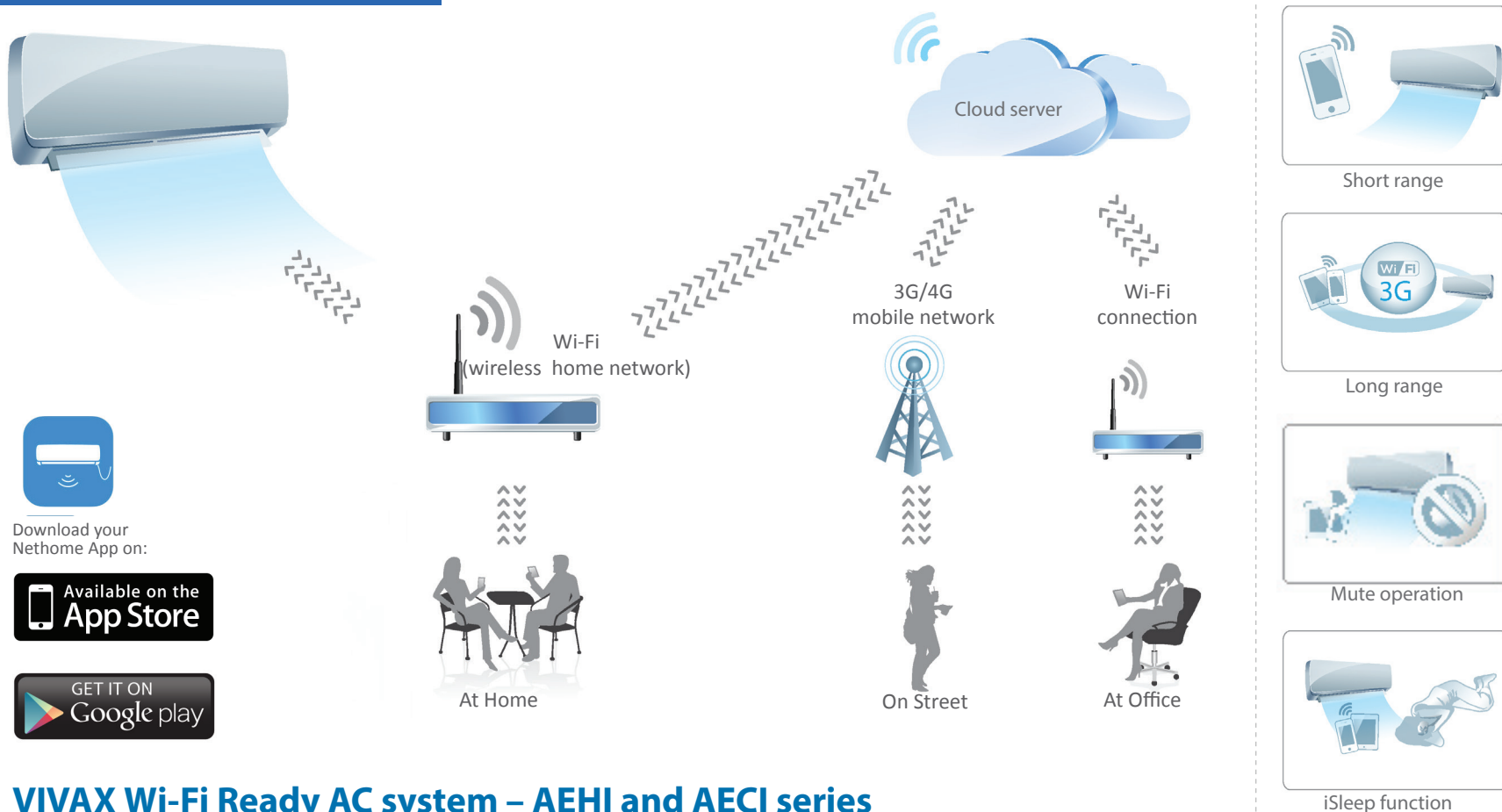
0.5W/1W STANDBY

Intelligent on/off technology enables VIVAX products automatically enter energy-saving mode when standby, cut energy consumption from normal 5w to 0,5W/1w per hour which counts 80%-90% of saving



ECO MODE

VIVAX new energy-saving AC apply innovative ECO mode, by pressing this button, AC will run into a 8-hour saving mode which cuts 60% energy of against normal mode



VIVAX Wi-Fi Ready AC system – AEHI and AECL series

VIVAX DC inverter mono split AC systems, series AEHI and AECL, have new possibility to expand their functions through Wi-Fi module which can be installed in the indoor unit. Through the installed Wi-Fi module the AC system communicates with Your smart device and You can control Your AC systems from any place in the world, even if You are not close to the system itself. In order to control the VIVAX AC system through Your smart device it is necessary to purchase and install under the panel of the indoor unit Wi-Fi module, and to download free mobile App on Your smart device. Following

few easy steps in the instructions which You get in Your Wi-Fi module packaging Your VIVAX AC system is becoming controllable in every moment, wherever You are. Through mobile App, when You are in Your home and connected with Your home Wi-Fi router, Your Smart device is working just like another remote controller, with addition that You don't have to be in the same room as the AC system to control it. For an example, if Your indoor unit is on the top floor of Your house You have the possibility to control the AC system from any room in the house, even from the ground floor, without the trouble of

getting in the same room as the indoor unit.

If You are outside of the range of Your home wireless network, control of Your VIVAX AC system is possible through the App on Your smart device through 3G/4G network or through any other wireless network. This option will give You an opportunity to start Your AC system from Your work place and prepare Your home for You to be just as You want it to be even before You come home.

Forgotten to turn your air conditioner off? Vivax AC system allows you to turn it off virtually wherever you are.

HIGH EFFICIENCY

Vivax models from residential to commercial are reaching New class A++ ranking, the highest level that is now shown on energy label in European union.

New Energy Labelling Requirement (EU) 626/2011

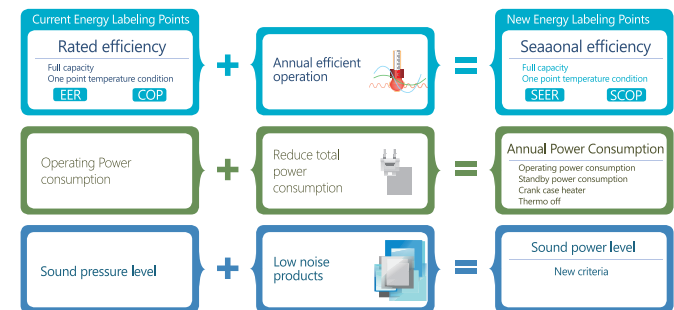
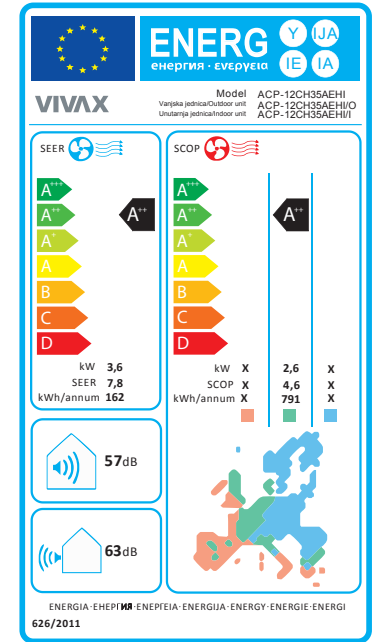
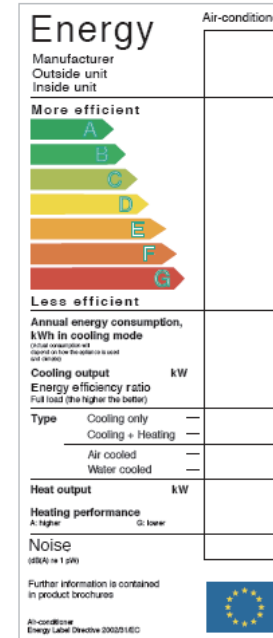
- Three climate zones for heating (Average zone is mandatory, warmer and colder zone are voluntary)
- Seasonal efficiency (performance based on multiple part loads calculation)
Sound power level
- Rated efficiency indicates performance only data rated condition.
- Seasonal efficiency indicates performance at an entire cooling and heating season, which better matches the actual operation.

Commission Delegated Regulation (EU) No 626/2011

Technological developments in the energy efficiency improvement of air conditioners have been very rapid in recent years. This has allowed European Authority to introduce stringent minimum energy efficiency requirements and led to a process of introducing new energy labelling schemes based on seasonal performance. Today's appliances, excluding single and double duct air conditioners, that achieve the highest efficiency levels have largely surpassed the A efficiency levels established by Directive 2002/31/EC.

This Regulation introduces two energy efficiency scales based on the primary function and on specific aspects important to consumer. Given that air conditioners are used mainly in part-load conditions, the efficiency testing should be changed to a seasonal efficiency measurement method, except for single and double duct air conditioners. The seasonal measurement method takes better into account the benefits of the inverter driven technology and the conditions in which these appliances are used.

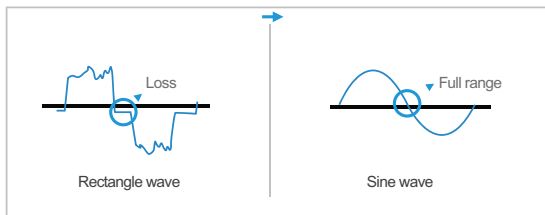
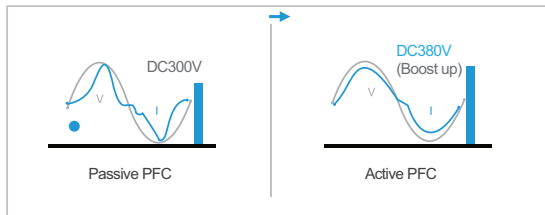
The new efficiency calculation method with an Ecodesign implementing measure setting minimum energy efficiency requirements higher than the



current A level, will lead to a reclassification of these appliances. Consequently, split, window and wall air conditioners should have a new A-G energy efficiency class scale with a "+" added on the top of the scale every two years until the A+++ class has been reached..

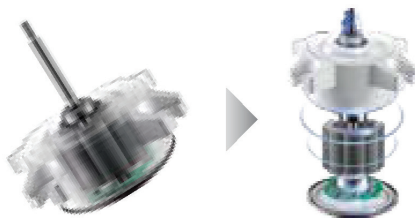
Power Factor Correction (PFC) Technology

With advanced partial active PFC control, the input current waveform and voltage waveform get phase synchronization, more than 97% of the input power supply is used effectively, which greatly improve power transformation efficiency.



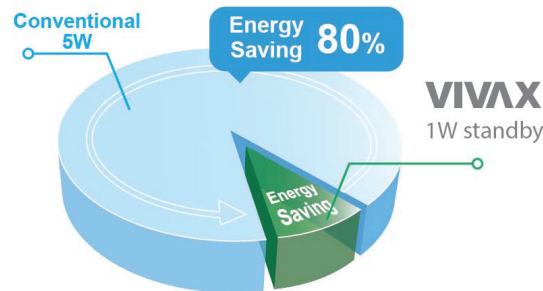
Brushless DC Fan Motor

The brushless DC fan motor allows fine rotation control, which reduces energy consumption. The efficiency of brushless DC motor is up to 35% higher than that of the equivalent AC motor.



0,5W STANDBY

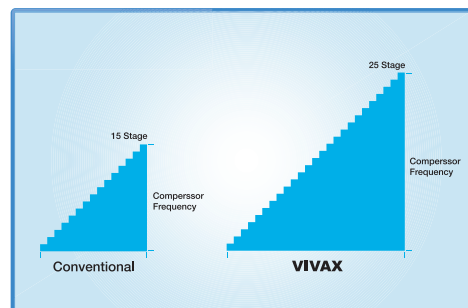
Intelligent on-off technology enables Vivax products automatically enter energy-saving mode when on standby mode, cut energy consumption from conventional 5W to 0.5W which counts 90% of saving.



Wide Operation Range

Up to 25 stages (F1-F25) of compressor frequency, and frequency range increased around 70%. More comfortable and energy saving due to smooth and accurate control.

With advanced frequency - adjusting technology, compressor preheating function and the electrical heating belts, the unit can operate heating as low as -20°C.



Stages of compressor frequency

Intelligent Anti-cold-air Function

Conventional anti-cold-air function works only by evaporator temperature. Vivax intelligent anti-cold-air function works by both evaporator and ambient temperature, more accurate control ensure comfortable feeling.



3D air flow

The AC device combines vertical and horizontal auto swing to ensure even distribution throughout the room.





Innovative DC inverter technology precisely and in every given moment and in all working conditions ensures cooling and heating capacity according to given space conditions. With the purpose to improve efficiency in heating mode, Vivax DC inverter air conditioner has developed technology that enables undisturbed work even up to -20°C – G10 Inverter technology.

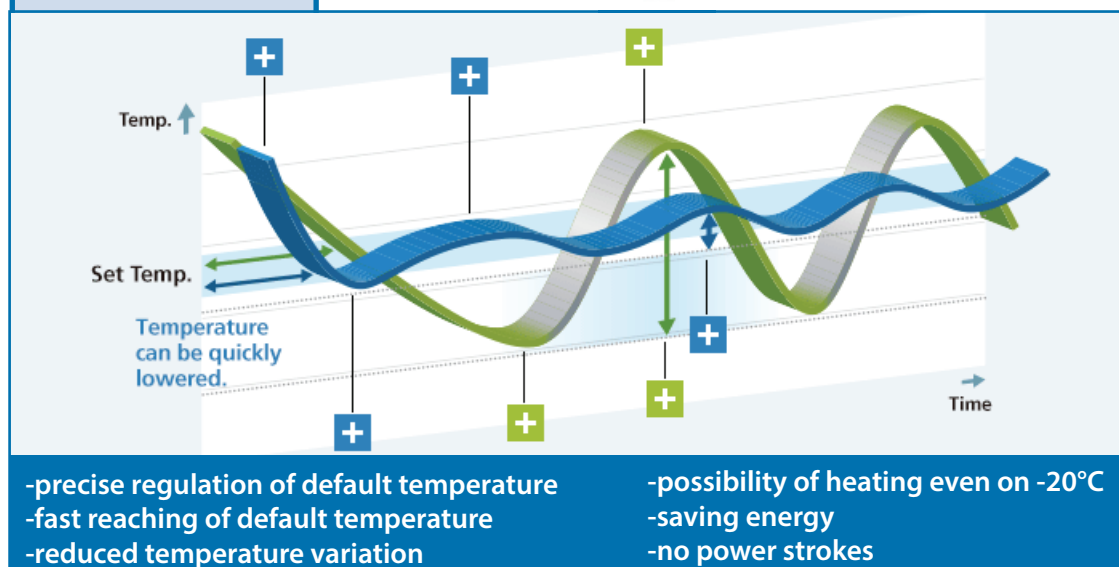
Owing to a special type of oils that are not losing attributes (primarily viscosity) at low temperatures functionality of air conditioning goes seamlessly even at low temperatures.

Besides G10 Inverter technology Vivax DC inverter air conditioners have retained the possibility to work in heating mode under low temperatures (up to -15°C) due to additional heaters, it depends on the air conditioner series whether the heaters are installed into compressor or into condenser. One heater heats oil in the compressor while other improves defrosting of outdoor unit. Operation of those heaters is controlled by a main processor which receives data from outdoor unit sensor important for normal operation. Standard air conditioners

have compressors that usually operate under constant speed. Inverter technology is the only technology that follows speed operation electronically. Compressor is operating under the highest speed if there is a big difference between default temperature and room temperature. When default temperature is reached compressor slows down. Inverter operation system saves up to 50% of energy. If the room temperature is high, air conditioner will operate under full power until default temperature is reached. Once default temperature is reached the operational power is decreased sufficiently enough to evenly maintain default temperature. Thereby, sudden changes in room temperature are being avoided and significant energy savings is accomplished. There is no frequent turning on and turning off of device that is additionally overloading electricity grid, therefore, “draft” syndrome is being avoided.

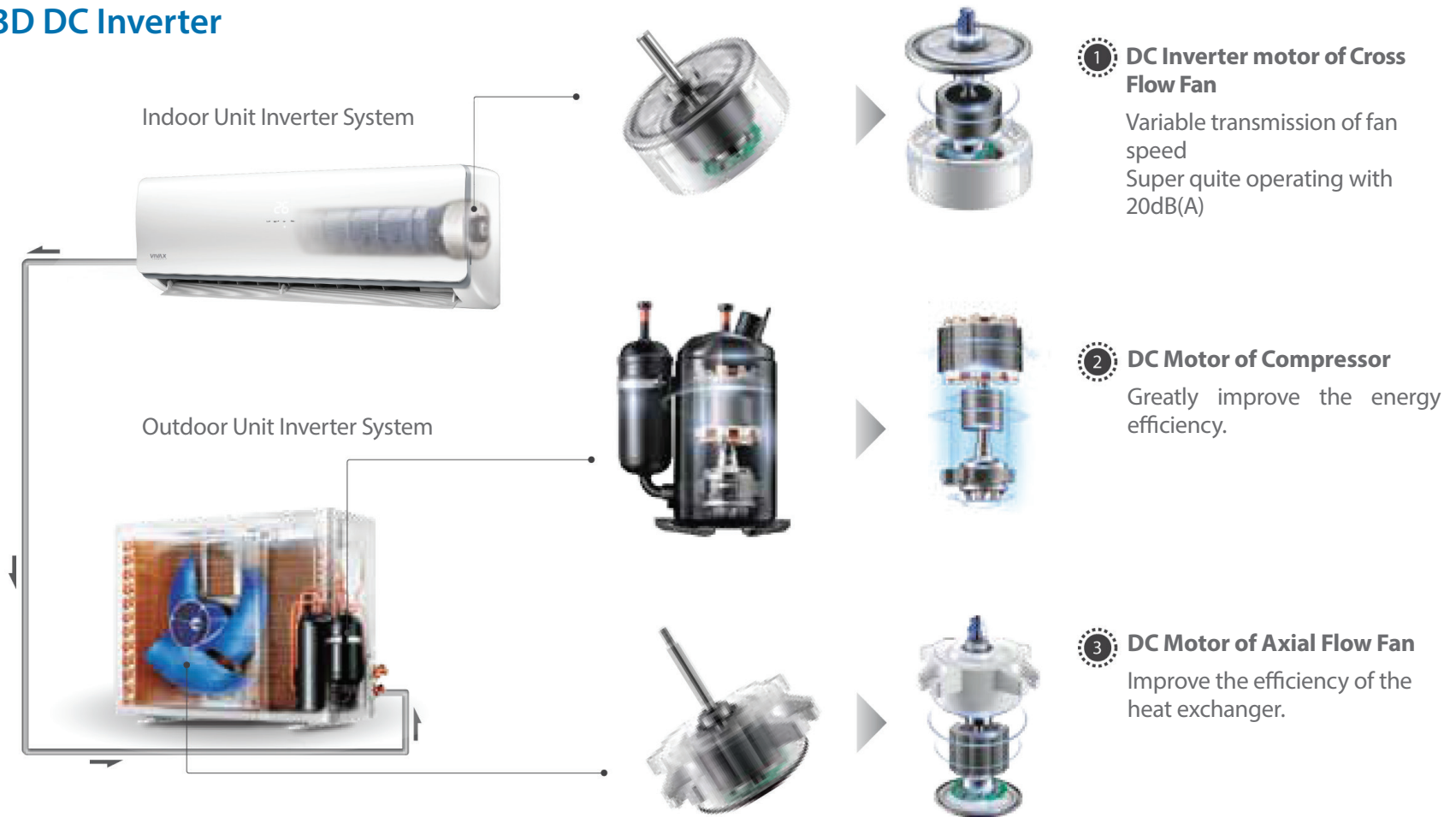
-  Ultra low frequency torque control
-  High-speed DSP chip
-  Environment-friendly R410A refrigerant
-  Ultra-low noise control
-  Automatic voltage adaptation
-  High reliability
-  Wide frequency precise control
-  UHF flux-weakening control
-  Computer simulation control
-  Power factor correction technology

ADVANTAGES



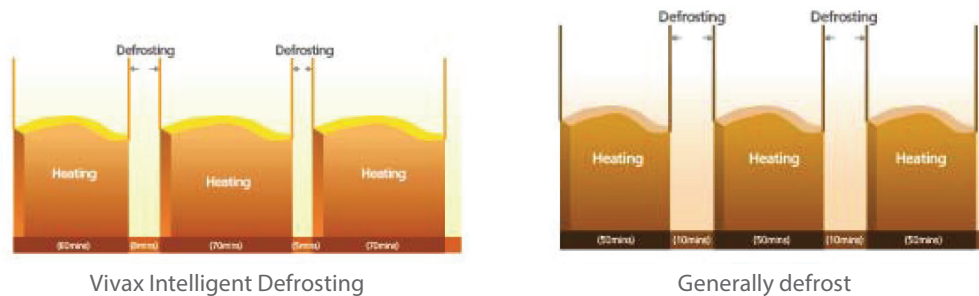
Function description

3D DC Inverter



Intelligent Defrosting

Maximize warm comfort with shorter defrosting time. Traditional defrosting works by setting time. E.g. defrosting process is on for 10mins for every 50 mins. VIVAX I-Defrosting is only performen when needed, which redusces energy waste by eliminating the unnecessary defrosting process.



ECO Mode

VIVAX new energy-saving AC applies innovative ECO Mode, it can give you worry-free sleep for additional 60% power saving.



*Testing on 30°C outside temperature and maintaining 24°C indoor

Refrigerant Leakage Detect

When refrigerant leakage is detected indoor, unit will show error code "EC" and stop automatically. This function can better protect compressor from being damaged by high temperature due to refrigerant leakage.



Refrigerant leakage is detected



AC system has turned off automatically

Function description

Emergency Using Function

Normally, when temperature sensor error happens, the air conditioner will display an error code and stop immediately. With this function, when this error happens, the VIVAX AC system will display error code and continue running in a proper status instead of stopping immediately, to avoid the case that AC is in urgent need.

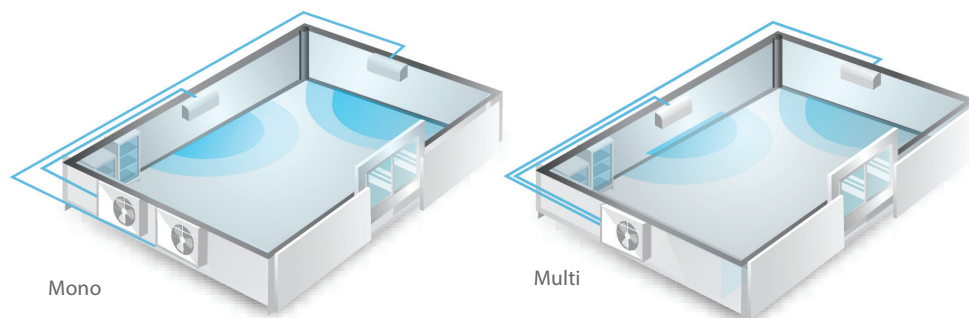


Common AC without Emergency Using Function

Vivax AC with Emergency Using Function

Mono & Multi Compatible

Compatible indoor unit for both, mono and multi inverter system. It comes in handy for warehouse management.

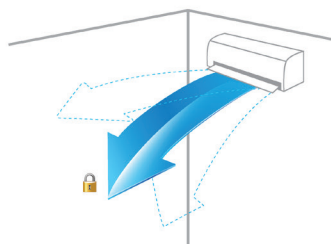


Mono

Multi

Louver Position Memory Function

When you start the unit next time, the angle of the vertical swing will automatically move to the same position as you set last time.



VIVAX multi split DC inverter systems



In this year Vivax presents you the fifth generation of multi split DC inverter air conditioners which are ideal solution for conditioning of your business or residential spaces. All devices are designed to please users and space requests regarding cooling and heating. New technological solutions enable high power efficiency of one device under all climate conditions whether used for cooling or for heating.

Vide capacity range of outdoor units (from 5.28 – 12.31 kW) and possibility to connect maximum 5 indoor units allows far-reaching of this devices by emphasizing commercial and residential premises.

The maximum length of installation is 65m which allows easy positioning of device regarding relation outdoor unit and external object dimensions, therefore it is now very simple to position outdoor unit on the roof or on the backyard side without disturbing external appearance. Indoor units come in three different types: wall mounted, cassette, floor and it is possible to choose between 11 different indoor units with capacity range: 2.22 - 7.03 kW. Attractive design and low noise level will provide comfortable atmosphere.

Apartments, flats, family houses, office space, shops, restaurants and special purpose facilities are just a part of spaces that Vivax multi split DC Inverter devices can heat or cool.

Durability of this device, acceptable price and A class of energy efficiency are the guarantee of the best choice which puts Vivax multi split DC Inverter among the leading air conditioners in this segment.

I FEEL

Devices with this function have built in sensor on the remote control. This sensor enables temperature measuring in a direct vicinity of the remote control and such information is being sent to the indoor unit which then starts to heat or cool. Such temperature control enables precise and more comfortable environment as well as energy saving. If during heating or cooling mode remote control registers that the temperature is higher/lower than default temperature, the device will start adjusting and creating more comfortable environment. If during heating/cooling mode the

remote control registers that the temperature is higher/lower from default temperature, it will automatically shut down the compressor with the purpose to save energy.

DRY MOULD PROOF

If your device has this function and you turn off the whole device, regardless of the mode heating/cooling, indoor fan will continue to rotate in low speed to dry out internal components and parts. This function keeps interior clean and dry and it prevents emergence of mould and odours

CATECHIN Filter

Filter is produced out of durable fibre net that collects dust from the air and prevents spreading of bacteria and viruses. Filter efficiency is $\geq 95\%$.

ACTIVE CARBON Filter

Active carbon Filter is produced out of activated carbon and electrostatic fibre material. It absorbs different kinds of materials either in gas or in liquid form. This Filter has big capacity, capability of fast

absorption of harmful gasses (such as ammonium and hydrogen sulphide) and other odours. Electrostatic fibre Filter collects small particles of dust, smoke and animal hairs to prevent allergic reactions by forming a specific position on the surface of the Filter.

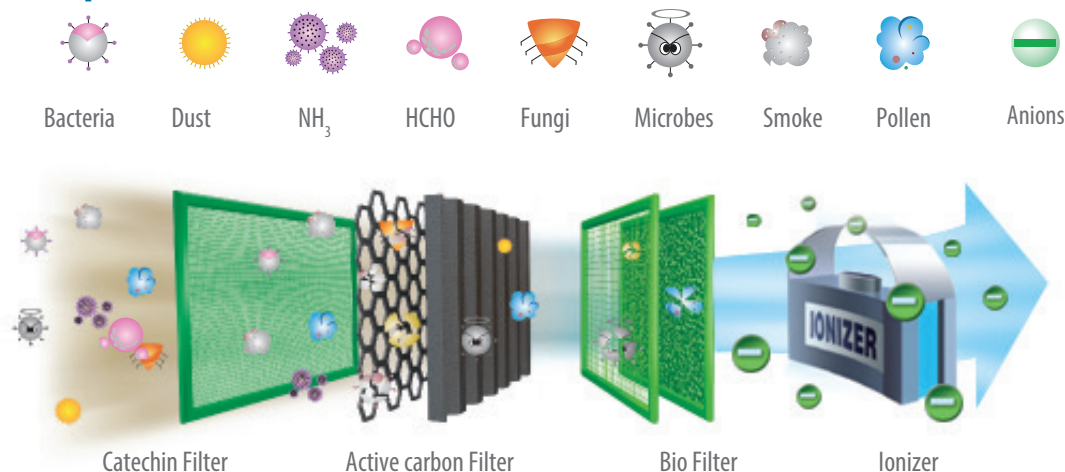
BIO Filter

Bio Filter consists of special biological enzymes and eco Filters. Eco Filter collects small particles of dust, bacteria, fungus and microbes. Biological enzymes remove bacteria by dissolving their cell walls and remove the possibility to re-pollute the air in the room.

IONIZER

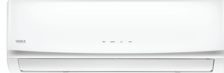
Anions are taking care of your body by stimulating circulation, improvement of your lungs capacity and preventing airway diseases (e.g. asthma). Negative ions are eliminating dust and smoke, when air circulates through the ionizer, anions automatically start to act. The amount of anions can reach maximum of 1.000.000 cm³. Anions are removing chemical gases and dust particles.

Filter options

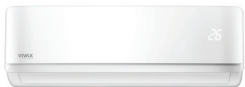


WARRANTY

Warranty period for VIVAX AC is 36 months with obligatory annual service performed by authorised service centre. Detailed information regarding warranty and list of authorised service centres can be found on www.vivax.com

	Photo	Series	Capacity
WALL SPLIT SYSTEM		AEHI	3.7kW 5.3kW
		AECI	2.9kW 3.5kW 5.3kW 7.0kW
		AEGI	2.9kW 3.5kW 5.1kW 6.5kW
		AEFI	2.9kW 3.5kW 5.1kW
MOBILE AIR CONDITIONERS		AEH	2.6kW 3.5kW
FLOOR SPLIT SYSTEMS		CT-AECI	3.5kW 4.7kW
FLOOR CEILING SPLIT SYSTEMS		CF-AECI	5.3kW 7.0kW 10.5kW 14.1kW 16.1kW
CASSETTE SPLIT SYSTEM		CC-AECI	3.5kW 5.3kW 7.0kW 10.5kW 12.3kW 13.8kW 16.1kW
DUCT SPLIT SYSTEM		DT-AECI	7.0kW 10.5kW 12.3kW 14.1kW 16.1kW

MULTISPLIT SYSTEMS

	Photo	Series	Capacity
WALL MOUNTED INDOOR UNIT		CIFM-AECI	2.2kW 2.6kW 3.5kW 5.3kW
FLOOR MOUNTED INDOOR UNIT		CTIFM-AECI	2.6kW 3.5kW 5.3kW
CASSETTE INDOOR UNIT		CCIFM-AECI	3.5kW 5.3kW
OUTDOOR UNIT		COFM-AECI	5.3kW 7.9kW 8.2kW 10.5kW 12.3kW



- ✓ High Efficiency
- ✓ Ionizer
- ✓ ECO mode
- ✓ 1W standby
- ✓ I Feel function
- ✓ Heating operating temperature range -20°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Wi-Fi Ready
- ✓ Bio Filter



Model		ACP-12CH35AEHI	ACP-18CH50AEHI
Capacity	Cooling	3660(1340~4210) W	5280(1930~6230) W
	Heating	3960(960~5310) W	5570(1200~6960) W
Refrigerant		R410A	R410A
Energy efficiency class	Cooling	A++	A++
	Heating	A++	A+
Energy Efficiency	SEER	7.8	6.4
	SCOP	4.6	4.0
Design load for heating	(P design)	2600 W	4800 W
Input power	Cooling	1046 W	1633 W
	Heating	989 W	1540 W
Airflow		≤610 m³/h	≤1250 m³/h
Dehumidifying capacity		1.2 L/h	1.8 L/h
Sound pressure level	Indoor unit	≤43 dB(A)	≤47 dB(A)
	Outdoor unit	≤56 dB(A)	≤60 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤57 dB	≤60 dB
	Outdoor unit	≤63 dB	≤64 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"
Outer Diameter of Gas Pipe		3/8"	1/2"
Connection wire when power supply ~220-240V/1/50Hz is on OU		5x1.5 mm²	5x1.5 mm²
Connection wire when power supply ~220-240V/1/50Hz is on IU		4x1.5 mm²	4x1.5 mm²
Max. length of pipe		25 m	30 m
Max elevation		10 m	20 m
Standard length		5 m	5 m
Additional refrigerant		20 g/m	20 g/m
Wall bracket distance(outdoor)		549 mm	549 mm
Working range		-20°C≤T≤50°C	-20°C≤T≤50°C
Net dimensions	Indoor unit	835×280×198 mm	990×315×218mm
	Outdoor unit	810×558×310 mm	810×558×310 mm
Net weight	Indoor unit	9.0 kg	11.8kg
	Outdoor unit	36.0 kg	36.5 kg



&



ACP-12CH35AEHI
ACP-18CH50AEHI



Download your
Nethome App on:



I Feel Function



- ✓ High Efficiency
- ✓ Ionizer
- ✓ Mono & Multi Compatible (ACP-09CH25AECI, ACP-12CH35AECI)
- ✓ 1W standby
- ✓ I Feel Function
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Wi-Fi Ready
- ✓ Bio Filter



Model		ACP-09CH25AECI	ACP-12CH35AECI	ACP-18CH50AECI	ACP-24CH70AECI
Capacity	Cooling	2930(700~3220) W	3520(730~4100) W	5270(880~6010) W	7030(1410~7770) W
	Heating	2930(700~3520) W	3810(730~4690) W	5570(880~6300) W	7620(1610~8210) W
Refrigerant		R410A	R410A	R410A	R410A
Energy efficiency class	Cooling	A++	A++	A++	A++
	Heating	A+	A+	A+	A+
Energy Efficiency	SEER	7.0	7.0	7.2	6.1
	SCOP	4.0	4.0	4.0	4.0
Design load for heating	(P design)	2600 W	2700 W	4400 W	5400 W
Input power	Cooling	860 W	1080 W	1550 W	2503 W
	Heating	785 W	1025 W	1500 W	2490 W
Airflow		≤495 m³/h	≤525 m³/h	≤705 m³/h	≤970 m³/h
Dehumidifying capacity		1.0 L/h	1.2 L/h	1.8 L/h	2.4 L/h
Sound pressure level	Indoor unit	≤41.5 dB(A)	≤38.5 dB(A)	≤42.5 dB(A)	≤48.0 dB(A)
	Outdoor unit	≤54.0 dB(A)	≤54.5 dB(A)	≤55.5 dB(A)	≤60.0 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤54 dB	≤54 dB	≤60 dB	≤64 dB
	Outdoor unit	≤61 dB	≤62 dB	≤65 dB	≤70 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"	1/4"	3/8"
Outer Diameter of Gas Pipe		3/8"	3/8"	1/2"	5/8"
Connection wire when power supply ~220-240V/1/50Hz is on OU		5x1.5 mm²	5x1.5 mm²	5x1.5 mm²	5x2.5 mm²
Connection wire when power supply ~220-240V/1/50Hz is on IU		4x1.5 mm²	4x1.5 mm²	4x1.5 mm²	4x2.5 mm²
Max. length of pipe		25 m	25 m	30 m	50 m
Max elevation		10 m	10 m	20 m	25 m
Standard length		5 m	5 m	5 m	5 m
Additional refrigerant		20 g/m	20 g/m	20 g/m	40 g/m
Wall bracket distance(outdoor)		549 mm	549 mm	549 mm	560 mm
Working range		-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C
Net dimensions	Indoor unit	722×187×290 mm	802×189×297 mm	965×319×215 mm	1080×335×226 mm
	Outdoor unit	810×558×310 mm	810×558×310 mm	810×558×310 mm	845×700×320 mm
Net weight	Indoor unit	7.2 kg	8.1 kg	10.4 kg	12.9 kg
	Outdoor unit	30.0 kg	30.0 kg	36.0 kg	50.0 kg



&



ACP-09CH25AECI, ACP-12CH35AECI
ACP-18CH50AECI



ACP-24CH70AECI



Download your
Nethome App on:



BIO Filter



- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ 1W standby
- ✓ Valve Protection Cover
- ✓ Intelligent Defrosting
- ✓ Heating operating temperature range -15°C
- ✓ Refrigerant Leakage Detect
- ✓ Bio Filter
- ✓ Self Cleaning
- ✓ 12 Fan Speed



Model		ACP-09CH25AEGI	ACP-12CH35AEGI	ACP-18CH50AEGI	ACP-22CH65AEGI
Capacity	Cooling	2930(1050~3080) W	3520(1200~3810) W	5130(1900~5900) W	6450(2180~7090) W
	Heating	2930(870~3220) W	3600(1000~4100) W	5270(1270~6220) W	7320(1600~8640) W
Refrigerant		R410A	R410A	R410A	R410A
Energy efficiency class	Cooling	A+	A+	A++	A+
	Heating	A+	A+	A	A
Energy Efficiency	SEER	5.8	5.6	6.1	5.9
	SCOP	4.0	4.0	3.8	3.8
Design load for heating	(P design)	2300 W	2500 W	4800 W	5500 W
Input power	Cooling	1065 W	1095 W	1750 W	2295 W
	Heating	900 W	999 W	1494 W	2442 W
Airflow		≤430 m³/h	≤560 m³/h	≤750 m³/h	≤1100 m³/h
Dehumidifying capacity		1.0 L/h	1.2 L/h	1.8 L/h	2.4 L/h
Sound pressure level	Indoor unit	≤40.0 dB(A)	≤40.0 dB(A)	≤43.0 dB(A)	≤49.0 dB(A)
	Outdoor unit	≤54.0 dB(A)	≤54.0 dB(A)	≤59.0 dB(A)	≤60.0 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤54 dB	≤54 dB	≤56 dB	≤63 dB
	Outdoor unit	≤60 dB	≤63 dB	≤65 dB	≤67 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"	1/4"	3/8"
Outer Diameter of Gas Pipe		3/8"	3/8"	1/2"	5/8"
Connection wire when power supply ~220-240V/1/50Hz is on OU		5x1.5 mm²	5x1.5 mm²	5x2.5 mm²	5x2.5 mm²
Connection wire when power supply ~220-240V/1/50Hz is on IU		4x1.5 mm²	4x1.5 mm²	4x2.5 mm²	4x2.5 mm²
Max. length of pipe		30 m	30 m	30 m	30 m
Max elevation		20 m	20 m	20 m	20 m
Standard length		5 m	5 m	5 m	5 m
Additional refrigerant		20 g/m	20 g/m	20 g/m	40 g/m
Wall bracket distance(outdoor)		549 mm	549 mm	530 mm	560 mm
Working range		-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C
Net dimensions	Indoor unit	715×188×250 mm	800×188×275 mm	940×205×275 mm	1045×235×315 mm
	Outdoor unit	780×250×540 mm	780×250×540 mm	760×285×590 mm	845×320×700 mm
Net weight	Indoor unit	6.5 kg	7.4 kg	9.0 kg	12.5 kg
	Outdoor unit	26.2 kg	26.9 kg	34.5 kg	47.0 kg



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ACP-09CH25AEGI
ACP-12CH35AEGI



ACP-18CH50AEGI



ACP-22CH65AEGI

1W Standby



- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Refrigerant Leakage Detect
- ✓ 1W standby
- ✓ Cold Catalyst Filter
- ✓ Heating operating temperature range -15°C
- ✓ Turbo
- ✓ Valve Protection Cover
- ✓ Intelligent Defrosting
- ✓ 12 Fan Speed



Model		ACP-09CH25AEFI	ACP-12CH35AEFI	ACP-18CH50AEFI	
Capacity	Cooling	2930(1050-3080) W	3520(1200-3810) W	5130(1900~5900) W	
	Heating	2930(870-3220) W	3600(1000~4100) W	5270(1270~6220) W	
Refrigerant		R410A	R410A	R410A	
Energy efficiency class	Cooling	A+	A+	A++	
	Heating	A+	A+	A	
Energy Efficiency	SEER	5.8	5.6	6.1	
	SCOP	4.0	4.0	3.8	
Design load for heating	(P design)	2300 W	2500 W	4800 W	
Input power	Cooling	1065 W	1095 W	1750 W	
	Heating	900 W	999 W	1494 W	
Airflow		≤430 m³/h	≤560 m³/h	≤750 m³/h	
Dehumidifying capacity		1.0 L/h	1.2 L/h	1.8 L/h	
Sound pressure level	Indoor unit	≤40.0 dB(A)	≤40.0 dB(A)	≤43.0 dB(A)	
	Outdoor unit	≤54.0 dB(A)	≤54.0 dB(A)	≤59.0 dB(A)	
Outer Diameter of Liquid Pipe	Indoor unit	≤54 dB	≤54 dB	≤56 dB	
	Outdoor unit	≤60 dB	≤63 dB	≤65 dB	
Outer Diameter of Liquid Pipe		1/4"	1/4"	1/4"	
Outer Diameter of Gas Pipe		3/8"	3/8"	1/2"	
Connection wire when power supply ~220-240V/1/50Hz is on OU		5x1.5 mm²	5x1.5 mm²	5x2.5 mm²	
Connection wire when power supply ~220-240V/1/50Hz is on IU		4x1.5 mm²	4x1.5 mm²	4x2.5 mm²	
Max. length of pipe		30 m	30 m	30 m	
Max elevation		20 m	20 m	20 m	
Standard length		5 m	5 m	5 m	
Additional refrigerant		20 g/m	20 g/m	20 g/m	
Wall bracket distance(outdoor)		549 mm	549 mm	530 mm	
Working range		-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C	
Net dimensions	Indoor unit	715×188×250 mm	800×188×275 mm	940×205×275 mm	
	Outdoor unit	780×250×540 mm	780×250×540 mm	760×285×590 mm	
Net weight	Indoor unit	6.5 kg	7.4 kg	9.0 kg	
	Outdoor unit	26.2 kg	26.9 kg	34.5 kg	



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ACP-09CH25AEFI



ACP-12CH35AEFI



ACP-18CH50AEFI

Freeze protection



- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Valve Protection Cover
- ✓ 1W standby
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Dust Filter
- ✓ Cold Catalyst Filter
- ✓ 12 Fan Speed



Model			ACP-12CT35AECI	ACP-18CT50AECI	
Capacity	Cooling		3520(900~4430) W	4690(1060~4980) W	
	Heating		3810(1050~4980) W	4980(1060~7300) W	
Refrigerant			R410A	R410A	
Energy efficiency class	Cooling		A++	A+	
	Heating		A+	A	
Energy Efficiency	SEER		6.3	5.6	
	SCOP		4.0	3.8	
Design load for heating	(P design)		3500 W	4700 W	
Input power	Cooling		1030 W	1450 W	
	Heating		1020 W	1335 W	
Airflow			≤550 m³/h	≤740 m³/h	
Dehumidifying capacity			1.2 L/h	1.8 L/h	
Sound pressure level	Indoor unit		≤47.0 dB(A)	≤46.0 dB(A)	
	Outdoor unit		≤57.0 dB(A)	≤60.0 dB(A)	
Outer Diameter of Liquid Pipe	Indoor unit		≤58 dB	≤59 dB	
	Outdoor unit		≤62 dB	≤65 dB	
Outer Diameter of Liquid Pipe			1/4"	1/4"	
Outer Diameter of Gas Pipe			3/8"	1/2"	
Connection wire			4x1.5 mm²	VJ:3x2.5 mm²; UJ:3x1.5 mm²; Veza:2x0.75 mm²	
Power supply			~220~240V/1/50Hz; Indoor unit	~220~240V/1/50Hz; Indoor i Outdoor unit	
Max. length of pipe			25 m	30 m	
Max elevation			10 m	20 m	
Standard length			5 m	5 m	
Additional refrigerant			11 g/m	11 g/m	
Wall bracket distance(outdoor)			549 mm	560 mm	
Working range			-15°C≤T≤50°C	-15°C≤T≤50°C	
Net dimensions	Indoor unit		700×600×210 mm	700×600×210 mm	
	Outdoor unit		810×310×558 mm	845×320×700 mm	
Net weight	Indoor unit		15.0 kg	15.0 kg	
	Outdoor unit		35.1 kg	46.0 kg	



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ACP-12CT35AECI



ACP-18CT50AECI

Wired
Controller



- ✓ Additional Wired Controller
- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Cold Catalyst Filter
- ✓ 1W standby
- ✓ Valve Protection Cover
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ 12 Fan Speed



Memory
function



Sleep
Mode



24h
Timer



Self
Cleaning



12
Fan
Speed



Refrigerant
Leakage Detect



Auto
Swing



Wired
Controller



Cold Catalyst
Filter



Dust
Filter



Chasis Heating
Belt



Compressor
Heating Belt



1W
Standby



Valve
Protection
Cover



Heating
operating
temperature
range -15°C



Cooling
operating
temperature
range -15°C

Model		ACP-18CF50AECI	ACP-24CF70AECI	ACP-36CF105AECI	ACP-48CF140AECI	ACP-55CF160AECI
Capacity	Cooling	5280(900~7390) W	7030(1020~991) W	10550(2080~12980) W	14070(4100~16410) W	15830(4980~18990) W
	Heating	5570(1000~8210) W	7030(1020~991) W	11140(2950~13700) W	16410(4190~18460) W	18170(5510~21510) W
Refrigerant		R410A	R410A	R410A	R410A	R410A
Energy efficiency class	Cooling	A++	A++	A++	A++	A+
	Heating	A+	A+	A+	A+	A+
Energy Efficiency	SEER	6.1	6.1	6.1	6.1	5.6
	SCOP	4.0	4.0	4.0	4.0	4.0
Design load for heating	(P design)	5300 W	7000 W	10500 W	14000 W	16000 W
Input power	Cooling	1630 W	2190 W	3275 W	5390 W	6700 W
	Heating	1485 W	1840 W	2920 W	4425 W	5860 W
Airflow		≤900 m³/h	≤1180 m³/h	≤2257 m³/h	≤2100m³/h	≤2250m³/h
Dehumidifying capacity		1.8 L/h	2.4 L/h	3.6 L/h	4.8 L/h	5.5 L/h
Sound pressure level	Indoor unit	≤44.0 dB(A)	≤53.0 dB(A)	≤56.0 dB(A)	≤56.0 dB(A)	≤55.0 dB(A)
	Outdoor unit	≤53.0 dB(A)	≤63.0 dB(A)	≤65.0 dB(A)	≤66.0 dB(A)	≤61.0 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤56.0 dB	≤64 dB	≤65 dB	≤68 dB	≤70 dB
	Outdoor unit	≤64 dB	≤69 dB	≤70 dB	≤75 dB	≤74 dB
Outer Diameter of Liquid Pipe		1/4"	3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe		1/2"	5/8"	5/8"	5/8"	5/8"
Connection wire	Power supply OU	3*2.5 mm ²	3*2.5 mm ²	5*2.5 mm ²	5*2.5 mm ²	5*2.5 mm ²
	Power supply IU	3*1.0 mm ²	3*1.0 mm ²	3*1.0 mm ²	3*1.0 mm ²	3*1.0 mm ²
	Veza	2*0.75 mm ²	2*0.75 mm ²	2*0.75 mm ²	2*0.75 mm ²	2*0.75 mm ²
Power supply		~220-240V/1/50Hz; Indoor i Outdoor unit		~220-240V/1/50Hz; Indoor unit; ~380~420V; 50Hz;3ph; Outdoor unit		
Max. length of pipe		30 m	50 m	65 m	65 m	65 m
Max elevation		20 m	25 m	30 m	30 m	30 m
Standard length		5 m	5 m	5 m	5 m	5 m
Additional refrigerant		11 g/m	30 g/m	30 g/m	30 g/m	30 g/m
Wall bracket distance(outdoor)		549 mm	560 mm	640 mm	634 mm	634 mm
Working 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
Net dimensions	Indoor unit	1068×675×235 mm	1068×675×235 mm	1650×675×235 mm	1650×675×235 mm	1650×675×235 mm
	Outdoor unit	810×310×558 mm	845×310×558 mm	945×359×810 mm	938×392×1369 mm	938×392×1369 mm
Net weight	Indoor unit	25.8 kg	25.0 kg	38.0 kg	38.2 kg	40.0 kg
	Outdoor unit	36.7 kg	48.0 kg	69.3 kg	97.1 kg	107.0 kg



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Wired Controller

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ACP-18CF50AECI



ACP-24CF70AECI



ACP-36CF105AECI



ACP-48CF140AECI
ACP-55CF160AECI

Drain Pump



- ✓ Additional Wired Controller
- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Cold Catalyst Filter
- ✓ 1W standby
- ✓ Valve Protection Cover
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Built-in Drain Pump



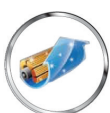
Memory function



Sleep Mode



24h Timer



Self Cleaning



12 Fan Speed



Refrigerant Leakage Detect



Auto Swing



Wired Controller



Built-in Drain Pump



Cold Catalyst Filter



Dust Filter



Chasis Heating Belt



Compressor Heating Belt



1W Standby



Valve Protection Cover



Heating operating temperature range -15°C



Cooling operating temperature range -15°C

Model		ACP-12CC35AECI	ACP-18CC50AECI	ACP-24CC70AECI	ACP-36CC105AECI	ACP-42CC120AECI	ACP-48CC140AECI	ACP-55CC160AECI
Capacity	Cooling	3520(900~4600) W	5280(900~7390) W	7030(1200~991) W	10550(2080~12980) W	12300(3520~14010) W	13770(3990~16350) W	16120(4980~19280) W
	Heating	4100(950~5570) W	5570(1000~8210) W	7030(1200~991) W	11140(2950~13700) W	12900(3520~16200) W	15530(4190~18460) W	18170(5510~21510) W
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Energy efficiency class	Cooling	A++	A++	A++	A++	A+	A+	A+
	Heating	A+	A+	A+	A+	A+	A+	A+
Energy Efficiency	SEER	6.1	6.1	6.1	6.1	5.6	5.6	5.6
	SCOP	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Design load for heating	(P design)	3500 W	5300 W	7000 W	10500 W	12310 W	14000 W	16000 W
Input power	Cooling	900 W	1630 W	2190 W	3286 W	4380 W	5620 W	7290 W
	Heating	955 W	1500 W	1840 W	3000 W	3475 W	4300 W	5860 W
Airflow		≤650 m³/h	≤660 m³/h	≤1450 m³/h	≤1900 m³/h	≤1850 m³/h	≤1850 m³/h	≤1900 m³/h
Dehumidifying capacity		1.2 L/h	1.8 L/h	2.4 L/h	3.6 L/h	4.2 L/h	4.8 L/h	5.5 L/h
Sound pressure level	Indoor unit	≤42.0 dB(A)	≤46.0 dB(A)	≤46.0 dB(A)	≤56.0 dB(A)	≤52.0 dB(A)	≤55.0 dB(A)	≤52.0 dB(A)
	Outdoor unit	≤57.0 dB(A)	≤53.0 dB(A)	≤63.0 dB(A)	≤65.0 dB(A)	≤65.0 dB(A)	≤66.0 dB(A)	≤61.0 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤58 dB	≤59 dB	≤62 dB	≤65 dB	≤64 dB	≤67 dB	≤69 dB
	Outdoor unit	≤62 dB	≤64 dB	≤69 dB	≤70 dB	≤75 dB	≤75 dB	≤74 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe		3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Connection wire	Power supply OU	4*1.5 mm ² (opcija)	3*2.5 mm ²	3*2.5 mm ²	5*2.5 mm ²	5*2.5 mm ²	5*2.5 mm ²	5*2.5 mm ²
	Power supply IU	4*1.5 mm ²	3*1.0 mm ²	3*1.0 mm ²	3*1.0 mm ²	3*1.0 mm ²	3*1.0 mm ²	3*1.0 mm ²
	Veza	-	2*0.75 mm ²	2*0.75 mm ²	2*0.75 mm ²	2*0.75 mm ²	2*0.75 mm ²	2*0.75 mm ²
Power supply		~220-240V/1/50Hz; Indoor i Outdoor unit			~220-240V/1/50Hz; Indoor unit; ~380~420V; 50Hz;3ph; Outdoor unit			
Max. length of pipe		25 m	30 m	50 m	65 m	65 m	65 m	65 m
Max elevation		10 m	20 m	25 m	30 m	30 m	30 m	30 m
Standard length		5 m	5 m	5 m	5 m	5 m	5 m	5 m
Additional refrigerant		11 g/m	11 g/m	30 g/m	30 g/m	30 g/m	30 g/m	30 g/m
Wall bracket distance(outdoor)		549 mm	549 mm	560 mm	640 mm	640 mm	634 mm	634 mm
Working 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	-15°C≤T≤50°C
Net dimensions	Indoor unit	570×570×260 mm	570×570×260 mm	840×840×245 mm	840×840×245 mm	840×840×287 mm	840×840×287 mm	840×840×287 mm
	Panel	647×647×50 mm	647×647×50 mm	950×950×55 mm	950×950×55 mm	950×950×55 mm	950×950×55 mm	950×950×55 mm
	Outdoor unit	810×310×558 mm	810×310×558	845×320×700 mm	945×395×810 mm	945×395×810 mm	938×392×1369 mm	938×392×1369 mm
Net weight	Indoor unit	16.0 kg	16.5 kg	24.0 kg	25.0 kg	25.0 kg	28.0 kg	31.0 kg
	Panel	2.5 kg	2.5 kg	5.0 kg	5.0 kg	5.0 kg	5.0 kg	5.0 kg
	Outdoor unit	35.1 kg	36.7 kg	48.0 kg	69.3 kg	69.3 kg	97.1 kg	107.0 kg



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Wired Controller

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ACP-12CC35AECI
ACP-18CC50AECI



ACP-24CC70AECI



ACP-36CC105AECI
ACP-42CC120AECI



ACP-48CC140AECI
ACP-55CC160AECI

Great Airflow



- ✓ Additional Wired Controller
- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Cold Catalyst Filter
- ✓ 1W standby
- ✓ Valve Protection Cover
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Built-in Drain Pump



Model		ACP-24DT70AECI	ACP-36DT105AECI	ACP-42DT120AECI	ACP-48DT140AECI	ACP-55DT160AECI
Capacity	Cooling	7030(1020-9910) W	10550(2080~12980) W	12300(3520~14010) W	14070(3990~16120) W	16120(4690~17580) W
	Heating	7030(1020-9910) W	11140(2950~13700) W	12900(3520~16200) W	16120(4190~18760) W	18170(4980~19930) W
Refrigerant		R410A	R410A	R410A	R410A	R410A
Energy efficiency class	Cooling	A++	A++	A+	A++	A+
	Heating	A+	A+	A+	A+	A+
Energy Efficiency	SEER	6.1	6.1	5.6	6.1	5.6
	SCOP	4.0	4.0	4.0	4.0	4.0
Design load for heating	(P design)	7000 W	10500 W	12310 W	14000 W	16000 W
Input power	Cooling	2190 W	3280 W	4380 W	5190 W	6700 W
	Heating	1880 W	2920 W	3475 W	4345 W	5290 W
Protokzraka		≤1480 m³/h	≤2020 m³/h	≤2200 m³/h	≤2600m³/h	≤2600m³/h
Dehumidifying capacity		2.4 L/h	3.6 L/h	4.2 L/h	4.8 L/h	5.5 L/h
Sound pressure level	Indoor unit	≤46.0 dB(A)	≤46.0 dB(A)	≤49.0 dB(A)	≤55.0 dB(A)	≤50.0 dB(A)
	Outdoor unit	≤63.0 dB(A)	≤65.0 dB(A)	≤65.0 dB(A)	≤66.0 dB(A)	≤61.0 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤60 dB	≤64 dB	≤68 dB	≤68 dB	≤69 dB
	Outdoor unit	≤69 dB	≤70 dB	≤75 dB	≤75 dB	≤74 dB
Outer Diameter of Liquid Pipe		3/8"	3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe		5/8"	5/8"	5/8"	5/8"	5/8"
Connection wire	Power supply OU	3*2.5 mm²	3*2.5 mm²	5*2.5 mm²	5*2.5 mm²	5*2.5 mm²
	Power supply IU	3*1.5 mm²	3*1.5 mm²	3*1.5 mm²	3*1.5 mm²	3*1.5 mm²
	Veza	2*0.75 mm²	2*0.75 mm²	2*0.75 mm²	2*0.75 mm²	2*0.75 mm²
Power supply		~220-240V/1/50Hz; u.&OU		~220-240V/1/50Hz; Indoor unit; ~380~420V; 50Hz;3ph; Outdoor unit		
Max. length of pipe		50 m	65 m	65 m	65 m	65 m
Max elevation		25 m	30 m	30 m	30 m	30 m
Standard length		5 m	5 m	5 m	5 m	5 m
Additional refrigerant		30 g/m	30 g/m	30 g/m	30 g/m	30 g/m
Wall bracket distance(outdoor)		560 mm	640 mm	640 mm	634 mm	634 mm
Working 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
Net dimensions	Indoor unit	920×635×270 mm	1200×865×300 mm	1200×865×300 mm	1200×865×300 mm	1200×865×300 mm
	Outdoor unit	845×320×700 mm	945×395×810 mm	945×395×810 mm	938×392×1369 mm	938×392×1369 mm
Net weight	Indoor unit	28.0 kg	45.0 kg	45.0 kg	43.2 kg	45.0 kg
	Outdoor unit	48.0 kg	69.3 kg	69.3 kg	97.1 kg	107.0 kg



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ACP-24DT70AECI



ACP-36DT105AECI
ACP-42DT120AECI



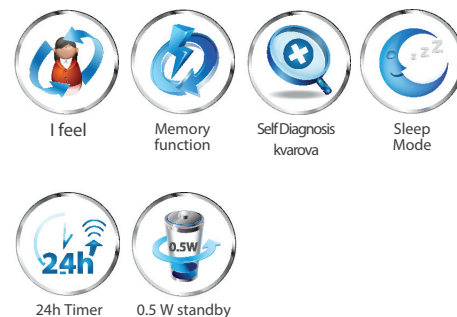
ACP-48DT140AECI
ACP-55DT160AECI

Mobility

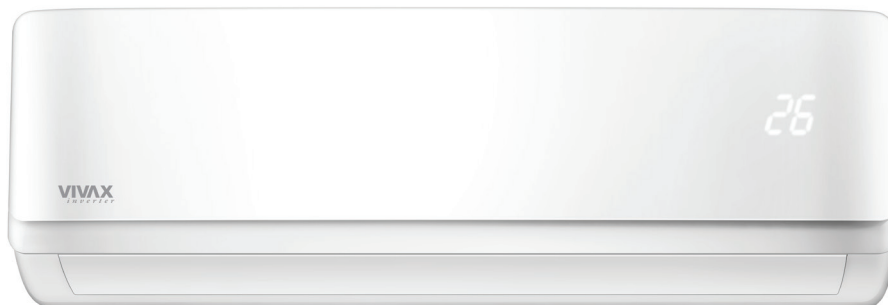


- ✓ 0,5W standby
- ✓ Memory function (auto-restart)
- ✓ Anti Cool Air design
- ✓ Dehumidifying
- ✓ 24h Timer
- ✓ Sleep mode
- ✓ LED display
- ✓ Self Diagnosis

Model		ACP-09PT25AEH	ACP-12PT35AEH
Capacity	Cooling	2600 W	3500 W
	Heating	2500 W	2900 W
Refrigerant		R410A	R410A
Energy efficiency class	Cooling	A	A
	Heating	A+	A+
Energy Efficiency	EER	2.6	2.6
	COP	2.6	2.6
Input power	Cooling	1010 W	1350 W
	Heating	955 W	1130 W
Airflow		≤370 m³/h	≤370 m³/h
Dehumidifying capacity		1.0 L/h	1.2 L/h
Sound pressure level	Indoor unit	≤51.0 dB(A)	≤51.0 dB(A)
Sound power level	Indoor unit	≤64 dB	≤65 dB
Net dimensions	Indoor unit	467×397×765 mm	467×397×765 mm
Net weight	Indoor unit	30.5 kg	34.0 kg



Multi Split System



- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Valve Protection Cover
- ✓ 1W standby
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Dust Filter
- ✓ Cold Catalyst Filter
- ✓ Self Cleaning

Model		ACP-07CIFM21AECl	ACP-09CIFM25AECl	ACP-12CIFM35AECl	ACP-18CIFM50AECl
Capacity	Cooling	2220 W	2640 W	3520 W	5280 W
	Heating	2340 W	2930 W	3810 W	5570 W
Refrigerant		R410A	R410A	R410A	R410A
Airflow		≤440 m³/h	≤440 m³/h	≤525 m³/h	≤705 m³/h
Dehumidifying capacity		0.8 L/h	1.0 L/h	1.2 L/h	1.8 L/h
Sound pressure level	Indoor unit	≤37.0 dB(A)	≤42.0 dB(A)	≤39.0 dB(A)	≤43.0 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤52 dB	≤54 dB	≤54 dB	≤60 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"	1/4"	1/4"
Outer Diameter of Gas Pipe		3/8"	3/8"	3/8"	1/2"
Connection wire		4x0.75 mm²	4x0.75 mm²	4x0.75 mm²	4x0.75 mm²
Power supply		~220-240V/1/50Hz; Outdoor unit			
Working range		-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C
Net dimensions	Indoor unit	722×187×290 mm	722×187×290 mm	802×189×297 mm	965×215×319 mm
Net weight	Indoor unit	7.5 kg	7.2 kg	8.1 kg	10.4 kg

iSleep Function



- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Valve Protection Cover
- ✓ 1W standby
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Dust Filter
- ✓ Cold Catalyst Filter
- ✓ Self Cleaning

Model		ACP-09CTIFM25AECI	ACP-12CTIFM35AECI	ACP-18CTIFM50AECI
Capacity	Cooling	2640 W	3520 W	5280 W
	Heating	2930 W	3520 W	5280 W
Refrigerant		R410A	R410A	R410A
Airflow		≤710 m³/h	≤710 m³/h	≤820 m³/h
Dehumidifying capacity		1.0 L/h	1.2 L/h	1.8 L/h
Sound pressure level	Indoor unit	≤45.0 dB(A)	≤46.0 dB(A)	≤48.0 dB(A)
Outer Diameter of Liquid Pipe	Indoor unit	≤56 dB	≤57 dB	≤59 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"	1/4"
Outer Diameter of Gas Pipe		3/8"	3/8"	1/2"
Connection wire		4x1.0 mm²	4x1.0 mm²	4x1.0 mm²
Power supply		~220-240V/1/50Hz; Outdoor unit		
Working range		-15°C≤T≤50°C	-15°C≤T≤50°C	-15°C≤T≤50°C
Net dimensions	Indoor unit	700×600×210 mm	700×600×210 mm	700×600×210 mm
Net weight	Indoor unit	13.5 kg	15.0 kg	15.0 kg

Heating on -20°C



- ✓ Additional Wired Controller
- ✓ High Efficiency
- ✓ Self Diagnosis
- ✓ Cold Catalyst Filter
- ✓ 1W standby
- ✓ Valve Protection Cover
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C
- ✓ Condenser and Compressor's Heaters
- ✓ Built-in Drain Pump

Model		ACP-12CCIFM35AECI	ACP-18CCIFM25AECI		
Capacity	Cooling	3520 W	5280 W		
	Heating	4100 W	5280 W		
Refrigerant		R410A	R410A		
Airflow		≤650 m³/h	≤800 m³/h		
Dehumidifying capacity		1.2 L/h	1.8 L/h		
Sound pressure level	Indoor unit	≤41.0 dB(A)	≤48.0 dB(A)		
Outer Diameter of Liquid Pipe	Indoor unit	≤58 dB	≤59 dB		
Outer Diameter of Liquid Pipe		1/4"	1/4"		
Outer Diameter of Gas Pipe		3/8"	1/2"		
Connection wire		4x1.00 mm²	4x1.00 mm²		
Power supply		~220-240V/1/50Hz; Outdoor unit			
Working range		-15°C≤T≤50°C	-15°C≤T≤50°C		
Net dimensions	Indoor unit	570×570×260 mm	570×570×260 mm		
Net weight	Indoor unit	16.0 kg	18.0 kg		
	Panel	2.5 kg	2.5 kg		



inverter
technology
VIVAX



ACP-18COFM50AECI



ACP-27COFM79AECI
ACP-28COFM82AECI



ACP-36COFM105AECI
ACP-41COFM123AECI

- ✓ Memory function (auto-restart)
- ✓ Self Diagnosis
- ✓ Valve Protection Cover
- ✓ Grijač kondenzatora i kompresora
- ✓ Heating operating temperature range -15°C
- ✓ Cooling operating temperature range -15°C



Memory function



Self Diagnosis



Valve Protection Cover



Chasis Heating Belt



Compressor Heating Belt



Heating operating temperature range -15°C



Cooling operating temperature range -15°C

Model		ACP-18COFM50AECI	ACP-27COFM79AECI	ACP-28COFM82AECI	ACP-36COFM105AECI	ACP-41COFM123AECI
Capacity	Cooling	5270(2050~7850) W	7910(2050~9490) W	8210(1460~10020) W	10550(2050~12950) W	12310(2050~14770) W
	Heating	6150(2340~7380) W	8790(2340~10550) W	9090(1460~10990) W	12310(2050~14770) W	12310(2050~15060) W
Refrigerant		R410A	R410A	R410A	R410A	R410A
Energy efficiency class	Cooling	A+	A+	A+	A	B
	Heating	A	A	A	A	B
Energy Efficiency	EER					3.02
	COP					3.5
	SEER	5.8	5.8	5.6	5.1	
	SCOP	3.8	3.8	3.8	3.8	
Design load for heating	(P design)	5500 W	7900 W	8200W	10500 W	
Maximum number of indoor units		2	3	4	5	5
Input power	Cooling	1560 W	2655 W	2790 W	3920 W	4080 W
	Heating	1390 W	2630 W	2580 W	4000 W	3520 W
Sound pressure level	Outdoor unit	≤61.0 dB(A)	≤61.0 dB(A)	≤62.0 dB(A)	≤64.0 dB(A)	≤66.0 dB(A)
Sound power level	Outdoor unit	≤63.0 dB	≤67 dB	≤68 dB	≤68 dB	≤72 dB
Outer Diameter of Liquid Pipe		1/4"	1/4"	1/4"	1/4"	4x1/4" ili 3/8"
Outer Diameter of Gas Pipe		3/8"	3/8"	3/8"	3/8"	1x1/4" ili 1/2"
Power supply		3*2.5 mm ²	3*2.5 mm ²	3*2.5 mm ²	3*2.5 mm ²	3*4.0mm ²
		~220-240V/1/50Hz; Outdoor unit				
Max. length of pipe		30 m	45 m	60 m	75 m	75 m
Max elevation (OU above IU/OU below IU)		10 m/15m	10 m/15m	10 m/15m	10 m/15m	10 m/15m
Standard length		10 m	15 m	15 m	20 m	25 m
Additional refrigerant		15 x (dužina instalacije do svake UJ - 10) g/m	15 x (dužina instalacije do svake UJ - 15) g/m	15 x (dužina instalacije do svake UJ - 15) g/m	15 x (dužina instalacije do svake UJ - 20) g/m	15 x (dužina instalacije do svake UJ - 25) g/m
Wall bracket distance(outdoor)		560 mm	590 mm	590 mm	624 mm	624 mm
Working 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
Net dimensions	Outdoor unit	845×320×700 mm	900×315×860 mm	900×315×860 mm	990×345×965 mm	990×345×965 mm
Net weight	Outdoor unit	48.0 kg	62.0 kg	65.0 kg	80.0 kg	83.5 kg

MULTI SPLIT SYSTEM - Combination

Unit	Cooling [kW]					Heating [kW]				
	A	B	C	D	Ukupno	A	B	C	D	Ukupno

ACP-18COFM50AECI

2 indoor unit	22+22	2.10	2.10	-	-	4.21(765-46)	2.40	2.40	-	-	4.82(202-58)
	22+26	2.15	2.55	-	-	4.71(797-80)	2.17	2.83	-	-	5.02(14-25)
	22+36	1.98	3.30	-	-	5.28(224-40)	2.14	3.43	-	-	5.57(234-67)
	22+53	1.78	4.50	-	-	6.32(404-55)	1.77	4.68	-	-	6.45(217-70)
	26+26	2.64	2.64	-	-	5.28(224-40)	2.78	2.78	-	-	5.57(234-67)
	26+36	2.38	3.32	-	-	5.72(296-50)	2.62	3.23	-	-	5.85(246-85)
	26+53	1.98	4.32	-	-	6.32(404-55)	2.09	4.56	-	-	6.65(279-70)
3 indoor unit	22+36	1.90	3.00	-	-	4.92(262-50)	3.08	3.08	-	-	6.15(256-65)

ACP-27COFM79AECI

2 indoor unit	22+22	2.20	2.20	-	-	4.21(765-46)	2.20	2.20	-	-	4.80(202-58)
	22+26	2.08	2.67	-	-	4.75(204-18)	2.34	3.01	-	-	5.35(225-67)
	22+36	1.92	3.28	-	-	5.22(186-76)	2.32	3.82	-	-	6.05(247-30)
	22+53	1.70	4.50	-	-	6.22(404-55)	2.08	5.34	-	-	7.42(312-83)
	26+26	2.60	2.60	-	-	5.22(186-76)	3.00	3.00	-	-	6.00(252-25)
	26+36	2.57	3.43	-	-	6.02(52-75)	2.76	3.69	-	-	6.45(271-74)
	26+53	2.50	5.00	-	-	7.53(158-25)	2.68	5.35	-	-	8.03(374-80)
3 indoor unit	22+36	1.92	3.23	-	-	6.45(271-74)	3.48	3.48	-	-	6.95(292-97)
	26+53	1.98	4.62	-	-	7.73(223-63)	3.27	4.91	-	-	8.13(344-40)

3 indoor unit	22+22+22	2.15	2.15	2.15	-	6.45(271-74)	2.20	2.27	2.27	-	7.80(286-80)
	22+22+26	2.05	2.05	2.64	-	6.75(284-80)	2.16	2.16	2.78	-	7.10(298-90)
	22+22+36	1.90	1.90	3.25	-	7.05(298-90)	2.05	2.05	3.52	-	7.62(320-38)
	22+22+53	1.78	1.78	4.58	-	8.15(424-38)	1.83	1.83	4.70	-	8.35(351-80)
	22+26+26	1.91	2.54	2.54	-	7.05(298-90)	2.13	2.74	2.74	-	7.80(320-38)
	22+26+36	1.91	2.45	3.27	-	7.62(320-38)	2.01	2.58	3.44	-	8.03(374-80)
	22+26+53	1.71	2.20	4.39	-	8.30(439-38)	1.74	1.74	4.97	-	8.45(355-88)
3 indoor unit	22+36+36	1.80	2.31	3.85	-	7.95(344-38)	1.85	2.38	3.96	-	8.19(344-38)
	22+36+53	1.80	2.31	3.85	-	7.95(344-38)	1.85	2.38	3.96	-	8.19(344-38)
3 indoor unit	22+36+36	2.39	2.39	3.18	-	7.95(344-38)	2.46	2.46	3.28	-	8.30(351-80)
	22+36+36	2.20	2.20	3.66	-	8.05(338-35)	2.28	2.28	3.80	-	8.35(351-80)
3 indoor unit	22+36+36	2.74	2.74	2.74	-	8.21(333-88)	2.80	2.80	2.80	-	8.40(333-88)

Unit	A	B	C	D	Ukupno	A	B	C	D	Ukupno
	2.15	2.15	2.15	-	6.45(271-74)	2.20	2.27	2.27	-	7.80(286-80)

ACP-28COFM82AECI

2 indoor unit	22+22	2.28	2.28	-	-	4.56(192-56)	2.38	2.38	-	-	4.76(309-81)
	22+26	2.37	3.07	-	-	5.44(239-64)	2.63	3.41	-	-	6.04(337-37)
	22+36	2.15	3.75	-	-	5.92(267-74)	2.55	4.09	-	-	6.64(432-10)
	22+53	2.12	5.61	-	-	7.73(393-89)	2.29	6.07	-	-	8.36(543-99)
	26+26	3.02	3.02	-	-	6.04(234-37)	3.32	3.32	-	-	6.64(432-10)
	26+36	2.81	3.45	-	-	6.26(267-74)	3.08	3.78	-	-	6.80(468-37)
	26+53	2.59	5.29	-	-	7.88(331-11)	2.77	5.65	-	-	8.42(457-102)
3 indoor unit	22+36	3.65	3.65	-	-	7.30(307-81)	3.58	3.58	-	-	7.15(465-87)
	22+53	2.06	5.06	-	-	8.12(348-18)	3.15	5.12	-	-	8.36(543-99)
3 indoor unit	22+36	4.51	4.51	-	-	9.02(379-79)	4.41	4.41	-	-	8.82(375-10)

3 indoor unit	22+22+22	2.09	2.09	2.09	-	6.28(264-67)	2.28	2.28	2.28	-	6.85(454-36)
	22+22+26	2.10	2.10	2.88	-	7.30(307-81)	2.36	2.36	3.06	-	7.78(506-49)
	22+22+36	2.11	2.11	3.86	-	7.56(318-02)	2.32	2.32	3.72	-	8.36(543-99)
	22+22+53	1.86	1.86	4.93	-	8.65(383-44)	2.02	2.02	5.35	-	9.36(10-10)
	22+26+26	2.02	2.68	2.68	-	7.56(318-02)	2.32	2.68	2.68	-	8.36(543-99)
	22+26+36	2.02	2.63	3.23	-	7.88(331-11)	2.18	2.64	3.50	-	8.52(54-10)
	22+26+53	1.81	2.35	4.80	-	8.96(376-74)	1.98	2.57	5.24	-	8.78(36-10)
3 indoor unit	22+36+36	1.93	3.09	3.09	-	8.12(348-18)	2.11	3.38	3.38	-	8.86(76-10)
	22+36+53	1.72	2.75	4.55	-	9.02(379-79)	1.89	3.02	5.01	-	9.92(45-10)
3 indoor unit	22+36+36	2.63	2.63	2.63	-	7.88(331-11)	2.84	2.84	2.84	-	8.52(54-10)
	22+36+36	2.51	2.51	3.09	-	8.12(348-18)	2.74	2.74	3.38	-	8.86(76-10)
3 indoor unit	22+36+36	2.32	2.32	2.32	-	8.02(379-79)	2.46	2.46	2.46	-	8.92(45-10)
	22+36+36	2.50	2.50	3.08	-	8.65(383-44)	2.71	3.34	3.34	-	9.36(10-10)
3 indoor unit	22+36+36	2.13	2.62	4.34	-	8.96(376-74)	2.36	2.91	4.81	-	10.08(5-10)
	22+36+36	2.95	2.95	2.95	-	8.86(372-70)	3.25	3.25	3.25	-	9.76(34-10)

4 indoor unit	22+22+22+22	2.05	2.05	2.05	2.05	8.21(333-88)	2.27	2.27	2.27	2.27	10.96(36-10)
	22+22+22+26	1.98	1.98	2.57	2.57	8.50(339-35)	2.17	2.17	2.82	2.82	11.36(54-10)
	22+22+22+36	1.94	1.94	3.10	3.10	8.80(359-35)	2.13	2.13	3.53	3.53	10.10(30-10)
	22+22+22+53	1.73	1.73	4.60	4.60	9.80(377-94)	1.85	1.85	4.81	4.81	10.47(33-10)
	22+26+26+26	1.91	1.91	2.49	2.49	6.80(267-74)	2.09	2.09	2.71	2.71	9.60(72-10)
	22+26+26+36	1.88	1.88	2.45	2.45	7.01(299-87)	2.04	2.04	2.65	2.65	9.96(99-10)
	22+26+26+53	1.81	1.81	2.89	2.89	8.80(359-35)	1.99	1.99	3.18	3.18	10.35(75-10)
4 indoor unit	22+36+36+36	1.86	1.86	2.37	2.37	6.68(279-94)	2.01	2.61	2.61	2.61	9.85(90-10)
	22+36+36+36	1.85	1.85	2.41	2.41	6.98(300-90)	2.01	2.61	2.61	2.61	9.85(90-10)
4 indoor unit	22+36+36+36	1.83	1.83	2.38	2.38	6.93(316-94)	1.93	2.51	3.08	3.08	10.07(42-10)
	22+36+36+36	1.83	1.83	2.38	2.38	6.93(316-94)	1.93	2.51	3.08	3.08	10.07(42-10)
4 indoor unit	22+36+36+36	2.34	2.34	2.34	2.34	8.34(346-07)	2.34	2.34	2.34	2.34	10.10(30-10)
	22+36+36+36	2.32	2.32	2.32	2.32	8.85(380-37)	2.47	2.47	3.05	3.05	10.47(33-10)



Unit	Cooling [kW]					Heating [kW]				
	A	B	C	D	Ukupno	A	B	C	D	Ukupno

ACP-36COFM105AECI

2 indoor unit	22+22	2.21	2.21	-	-	4.42(256-42)	2.38	2.38	-	-	4.76(139-58)
	22+26	2.32	3.02	-	-	5.34(310-12)	2.63	3.41	-	-	5.73(267-80)
	22+36	2.16	3.61	-	-	5.86(340-09)	2.44	3.90	-	-	6.34(298-70)
	22+53	2.07	5.51	-	-	8.21(476-93)	2.37	6.28	-	-	8.65(549-104)
	26+26	2.18	2.18	-	-	4.42(256-42)	2.38	2.38	-	-	4.76(139-58)
	26+36	2.93	2.93	-	-	5.86(340-09)	3.07	3.07	-	-	6.34(298-70)
	26+53	2.37	5.61	-	-	8.21(476-93)	2.37	6.28	-	-	8.65(549-104)
3 indoor unit	22+36	2.71	3.33	-	-	6.04(350-31)	3.61	3.61	-	-	7.22(433-88)
	22+53	2.26	5.40	-	-	8.65(549-104)	3.32	5.55	-	-	10.52(10-12)
3 indoor unit	22+36	5.26	5.26	-	-	10.52(10-12)	5.55	5.55	-	-	11.03(62-13)

3 indoor unit	22+22+22	2.07	2.07	-	6.22(361-75)	2.28	2.28	2.28	-	6.84(493-84)	
	22+22+26	2.08	2.08	2.71	-	6.87(388-81)	2.19	2.19	2.84	-	7.22(392-88)
	22+22+36	2.04	2.04	3.26	-	7.34(426-88)	2.40	2.40	3.84	-	8.65(520-104)
	22+22+53	1.79	1.79	4.74	-	11.28(54-13)	2.33	2.33	6.18	-	10.59(31-13)
	22+26+26	2.10	2.10	5.56	-	9.75(66-11)	2.40	2.40	5.68	-	8.65(520-104)
	22+26+36	2.04	2.04	3.26	-	7.34(426-88)	2.22	2.22	3.55	-	8.65(520-104)
	22+26+53	1.78	1.78	4.74	-	11.28(54-13)	2.22	2.22	5.94	-	10.59(31-13)
	22+36+36	2.12	2.12	3.39	-	8.65(520-104)	2.26	2.26	3.39	-	8.65(520-104)
	22+36+53	1.91	1.91	4.74	-	11.28(54-13)	2.26	2.26	5.94	-	10.59(31-13)
	22+53+53	1.74	1.74	4.74	-	11.28(54-13)	2.26	2.26	5.94	-	10.59(31-13)
	26+26+26	2.60	2.60	5.30	-	10.50(9-12)	2.11	2.11	5.30	-	11.04(40-13)
	26+26+36	2.39	2.39	3.29	-	9.86(52-11)	2.11	2.11	5.30	-	11.04(40-13)



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