



Discover Technology.

AC
Product
Catalogue

2017



Smart Wi-Fi Technology

Control your room temperature easily from wherever you are...
Enjoy ideal conditions and great energy savings.

Easy to Operate

Increase or reduce the temperature of your air conditioner, just with a touch of your Smartphone or Tablet screen. Slide upwards or downwards to select the desired temperature.



Multiple Choices

By choosing the desired mode, the screen will change color automatically, depending on the selected function.



Sleeping Curve

Enjoy ideal conditions in your room, by adjusting the desired temperature for every sleeping hour.



Check Diagnosis

With the 97 checking points, the Invmate II application ensures that you will never miss a thing! With this ultimate diagnostic tool, you can locate any malfunction quickly and effectively.



Weekly Planner

Activate the Weekly Planner and forget about the on/off button on your air conditioner. Use this innovative feature of Invmate II to schedule your daily needs and enjoy optimal climate conditions at your home or/and your office.



Healthy Air

The air cleaner system of Inventor air conditioners offers a clean and healthy environment at home, for you and your family.



Plasma Ionizer

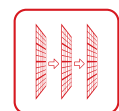
Effective absorption, of almost 90% of bacteria. Removes odors and creates air nutrition improvement with more negative oxygen ions.



Ionizer

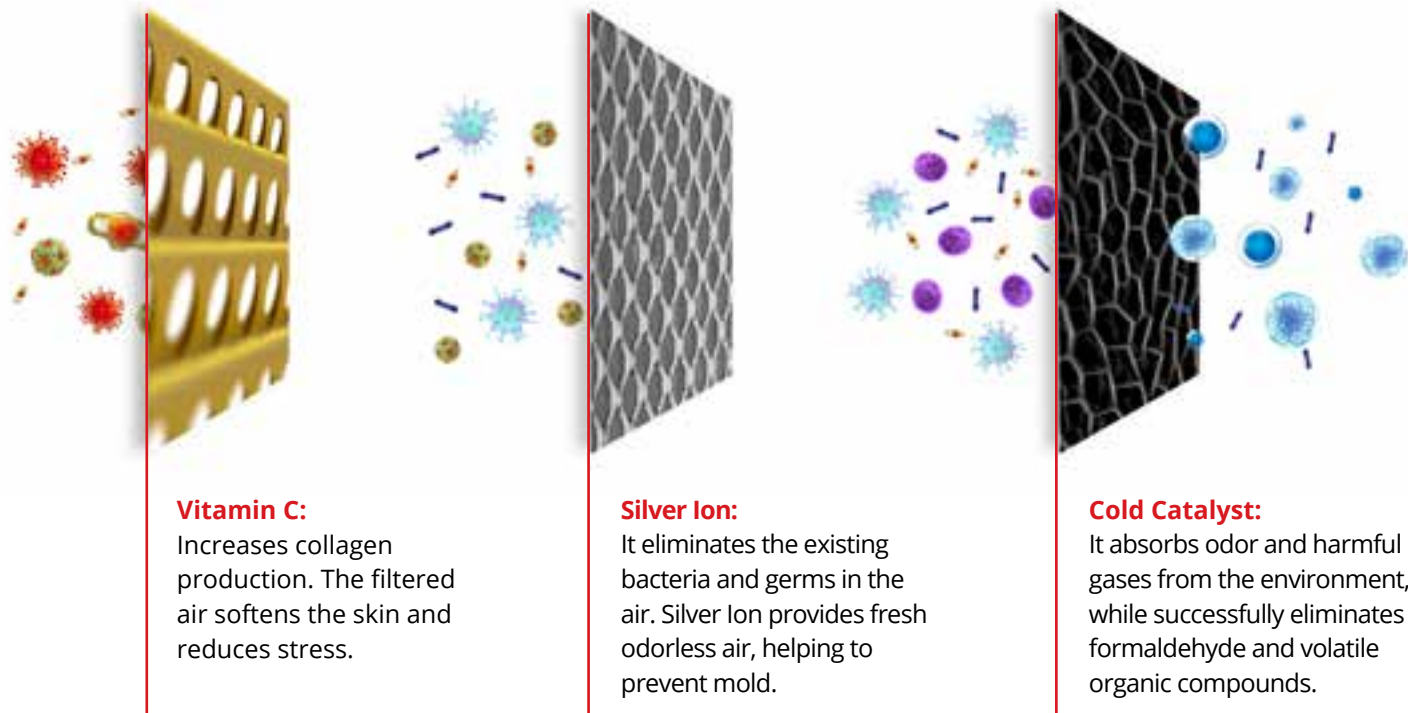
The Ionizer produces ions. When these ions collide they release an enormous energy which destroys odors, dust and smoke while leaving your environment clean and fresh.





Triple Action Filter

The Triple Action Filter with Vitamin C, Silver Ion and Cold Catalyst protects your skin and improves the air.



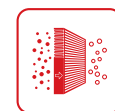
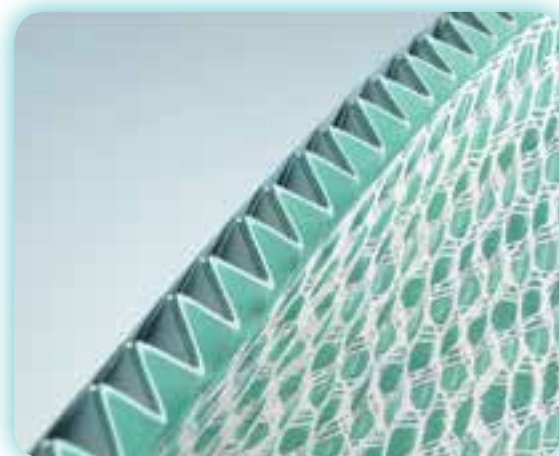
High Density Air Dust Filter

The exquisite filter absorbs up to 40% of dust, protects the indoor unit more efficiently and guarantees even cleaner and healthier air in your room.



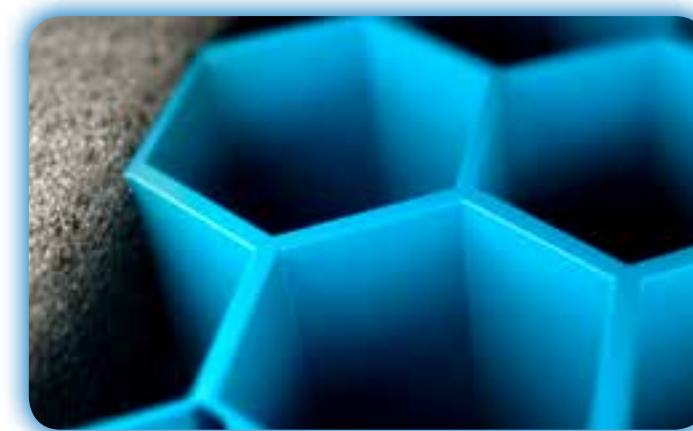
Sterilization HEPA filter

Removes even the smallest amount of dust from the air. It eliminates germs while reduces the chance of allergies and diseases, providing pure healthy air.



Ionizer Filter

The ions released in the air, give you a fresh and clean atmosphere, by capturing dust and smoke, offering wellness and high quality room conditions.



Filter Check

Checking if the filter is clean is not necessary anymore with Filter Check (filter control function). The CL indicator will light up on the screen when the filter needs to be cleaned. Enjoy pure, fresh dustless air!



Powerful Self-Cleaning

With a touch of a button on the remote control, your air conditioner cleans itself! The process only takes 17 minutes. When it is finished, the unit is ready to be used again, free of bacteria and fungi, providing fresh and healthy air.





4 Way Air Flow

The renewed design creates uniform air distribution in all dimensions. The vent swings not only move horizontally but vertically as well, dispersing the air smoothly even in the most difficult spots.



Comfort

The innovative design and the advanced features of Inventor air conditioners, offer excellent heating and cooling conditions.



Follow Me

A smart sensor is located on the remote control. When the Follow Me function is activated the set temperature synchronizes with the smart sensor. Your set temperature will follow you wherever you and the remote go, offering extra comfort and energy savings.



Mute Mode

Want to turn off the AC beep and display? By pressing the mute operation Inventor AC helps to give you a quiet and comfortable night.



Ultra-Silence Mode

Activate the Ultra Silence Mode and enjoy an absolute feeling of pure silence in your room.



Temperature Sensor Offset

The temperature detected by the indoor unit temperature probe will often be different from the actual ground temperature, due to the indoor units being installed at different heights. Thanks to this feature, the temperature differences can be minimized.



Central Control

Choose among the wide variety of controllers, based on your needs. Up to 64 air conditioners can be controlled just from one single controller (front desk, touch pad wired controller, Wi-Fi and many others).

Turn the air conditioner on and off, set the desired room temperature and select the function you need. Ideal for hotel units, offices etc.



Energy Saving

The highest energy class and the upgraded features of Inventor air conditioners, ensure low power consumption and maximum energy savings.



A+++ Energy class

The technological superiority of Inventor air conditioners guarantees excellent performance at the lowest operating cost. Benefit from the highest energy class A+++ in all climate conditions and save energy. Create the best atmosphere in your place.





Wi-Fi Standard

The Aria, Nemesis & Passion Pro II air conditioner series include a USB stick, in order for you, to enjoy all the benefits of remote management.

With the smart Wi-Fi mode, you can create an excellent environment, from wherever you are. Download for free the Invmate II application (from Google Play or App Store) and save energy by setting the air conditioner remotely from your Smartphone or Tablet.



Weekly Planner

The Invmate II application provides the Weekly Planner in order to set the desired conditions in your place, according to your everyday needs. Control your air conditioner easily and promptly, ensuring excellent atmosphere whenever you want.



Sleep Mode

With the Sleep Mode, the air conditioner adjusts the room temperature for perfect sleeping conditions and high energy savings.



Heating 8°C

Prevent potential weather damages in places that are not heated and pose risks during the winter. Enable the 8°C function and the air conditioner only heats the room as much as needed, while maintains a stable room temperature at 8°C. Protect your assets and enjoy low energy consumption that maximizes your energy savings throughout the year.



Reliability

The high quality levels of production and raw materials, guarantee the perfect and long term operation of Inventor air conditioners, even in the most demanding conditions.

5 Years Warranty



Inventor air conditioner products are accompanied by a 5 year warranty.

High quality production standards and raw materials, guarantee excellent operation of Inventor products for many years, even in most demanding operating conditions.

This competitive advantage of Inventor air conditioners is our commitment to consumers, for the quality and fidelity of our products.





Robust Outdoor Design

The redesigned outdoor units are sturdier and easier for maintenance achieving higher heating performance, even at low outdoor temperatures. The upside-down electrical box keeps the electrical parts dust free and increases the life cycle of the air conditioner.



Green Fin

High anti-corrosion hydrophilic aluminum foil coating (Organic resin). The coating can withstand the salty air, the rain and any other corrosive elements. Not only protects the outdoor unit but also improves the performance of the unit.



Excellent Heating Performance at -25°C

With the special design of the outdoor unit, which includes Chassis Heating Belt & Compressor Heating Belt, excellent heating performance is achieved, extended to -25°C and -15°C and increasing the heating capacity by 47%.



Low Ambient Cooling

The outdoor unit's special design produces an efficient and effective cooling operation even at -15°C.



R32 - New ECO Refrigerant

Being the pioneer in air conditioning, Inventor introduces the new R32 refrigerant in the air conditioner series, so as to give you higher comfort levels and at the same time protect the environment. The new R32 ecological refrigerant, with 68% lower global warming potential, does not adversely affect the ozone layer, while contributes in reducing global warming and maintenance costs.



Energy Saving

Inventor, always focusing on consumer needs, provides innovative high-performance air conditioning systems for great environmental protection and low operating costs.



Wide Operating Voltage Range

The wide operating voltage range, 170 – 265V, allows the outdoor unit to operate even in areas with unstable power supply, without overstraining the compressor and without causing damage to the electronic parts of the unit.



Comprehensive
air conditioning
solution for Hotels

Central control for higher & lower temperature

Hotel Menu allows the administrator to set maximum and minimum temperature options.

For Cooling, temperature can be set in the range of 17°C to 24°C.

For Heating, temperature can be set in the range of 25°C to 30°C. For instance, the administrator can set as minimum allowed cooling temperature, 24°C.

That means that even if a hotel's customer chooses a lower temperature than the allowed one, the air conditioner unit will continue its function at 24°C.

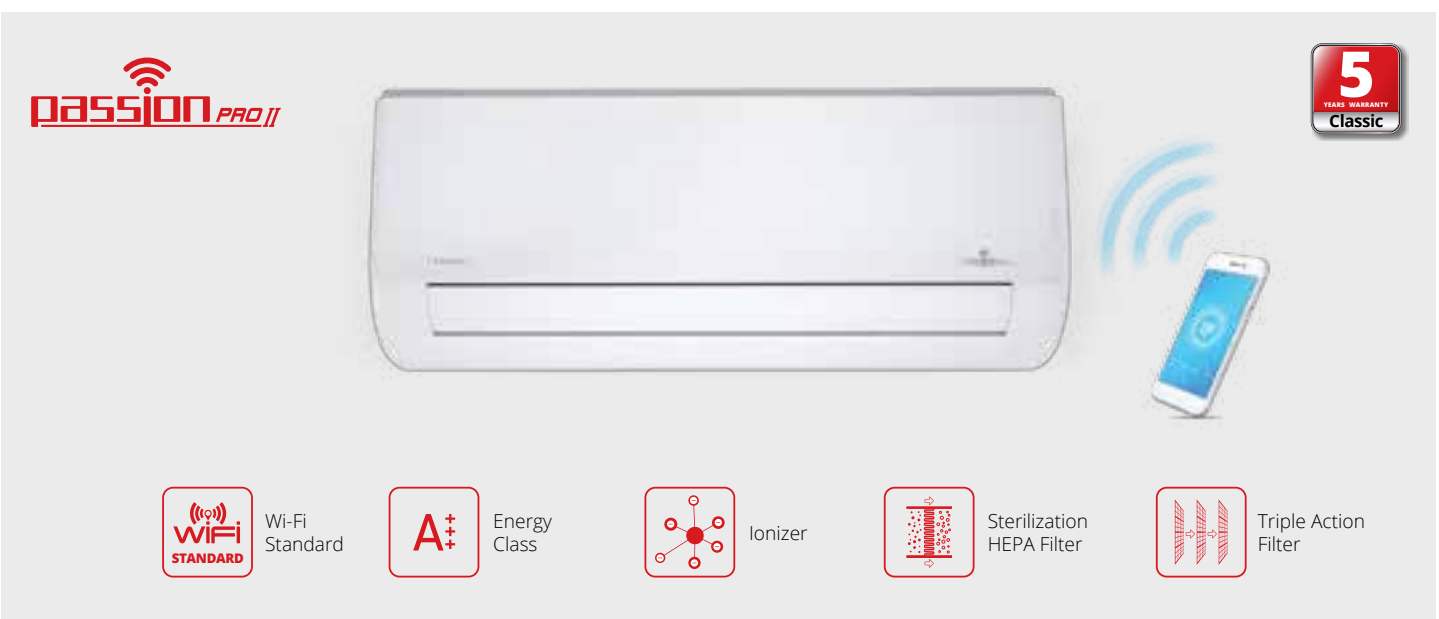
Hotel Menu prevents customers from adjusting the air conditioner units to extreme heating or cooling temperatures, as the allowed air conditioner's lower and higher temperature is locked.



















The Hotel Menu service of domestic air conditioners, which is available at **Omnia Plus, Passion Pro II & Aria** series, will save energy up to 70% while greatly contributes to the optimal operation of your air conditioners for a longer period of time.

www.inventor.ac/en



Air Conditioner Series supported by Hotel Menu



	Nemesis	Aria	passion PRO II	OMNiA plus	Life PRO
Energy Class Cooling	A+++	A++	A++	A++	A++
Energy Class Heating	A+++	A+++	A+++	A+++	A+++
 Wi-Fi Standard	●	●	●		
 Wi-Fi Ready				●	
 Triple Action Filter	●	●	●	●	
 Sterilization HEPA Filter	●		●	●	
 Ionizer Filter		●			
 High Density Air Dust Filter		●	●	●	
 Plasma Ionizer	●				●
 Ionizer			●	●	
 Excellent Heating Performance at -25°C	●				
 8°C Heating	●	●	●		●
 4 Way Air Flow	●	●	●		
 Follow Me	●	●	●	●	●
 Powerful Self-Cleaning	●	●	●	●	
 Ultra Silence Mode	●	●	●		
 Green Fin		●	●		
 Central Control			●		
 Low Ambient Cooling	●	●	●	●	●
 Sleep Mode	●	●	●	●	●

	Nemesis	Aria	passion PRO II	OMNiA plus	Life PRO
 Temperature Sensor Offset	●	●	●	●	
 Anti-Cold Air Function	●	●	●	●	●
 12 Grades Indoor Fan Speeds	●	●	●	●	
 5 Grades Outdoor Fan Speeds	●	●	●	●	
 Turbo Mode	●	●	●	●	●
 Blow Xfan					●
 Mute Mode		●	●	●	
 All DC Inverter	●	●	●	●	●
 Auto Swing Louver	●	●	●	●	●
 Louver Position Memory	●	●	●	●	●
 2 Way Draining	●	●	●	●	●
 R32 - New ECO Refrigerant		●			●
 Auto Restart	●	●	●	●	●
 24-Hours Timer	●	●	●	●	●
 Emergency Using	●	●	●	●	●
 Filter Check		●			
 Refrigerant Leakage Detect	●	●	●	●	●
 Auto Error Diagnosis	●	●	●	●	●
 1W Standby	●	●	●	●	
 Hotel Menu		●	●	●	

Excellent Heating Performance at -25°C

Increase the efficiency of your air
conditioner up to 47%, thanks to the
special design of the outdoor unit.



Nemesis





20dB







Energy Class



Plasma Ionizer



Triple Action Filter



Sterilization HEPA Filter

09/12K Btu/h



4 Way Air Flow



All DC Inverter



Powerful Self-Cleaning



Ultra Silence Mode



Low Ambient Cooling



8°C Heating



Turbo Mode



24-Hours Timer



Sleep Mode



Temperature Sensor Offset

MODEL			N1MVI-09WiFiR/ N1MVO-09	N1MVI-12WiFiR/ N1MVO-12		
Cooling Capacity (Btu/h)			9.000 (3.825-11.700)	12.000 (3.767-15.600)		
Cooling Capacity (kWatt)			2.64 (1.12-3.43)	3.52 (1.10-4.57)		
Heating Capacity (Btu/h)			14.000 (2.569-20.000)	14.000 (2.569-20.000)		
Heating Capacity (kWatt)			4.1 (0.75-5.86)	4.1 (0.75-5.86)		
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5		
		Energy Class	A+++	A+++		
		SEER	9.2	8.5		
		Annual Power Consumption (kWh/year)	99	144		
	Heating (Middle Zone)	Pdesign (kW)	2.6	2.7		
		Energy Class	A+++	A+++		
		SCOP	5.1	5.1		
		Annual Power Consumption (kWh/year)	714	741		
	Heating (Warm Zone)	Pdesign (kW)	3.2	3.2		
		Energy Class	A+++	A+++		
		SCOP	6.4	6.4		
		Annual Power Consumption (kWh/year)	700	700		
Voltage / Frequency / Phase (V/Hz/Ph)			220-240/50/1	220-240/50/1		
Current Input (A)	Cooling		2.44 (0.32-5.73)	3.64 (0.36-7.65)		
	Heating		4.19 (0.45-8.41)	4.19 (0.45-8.41)		
Power Input (W)	Cooling		561 (73-1.319)	837 (82-1.759)		
	Heating		963 (104-1.934)	963 (104-1.934)		
Air Flow Volume (m³/h) (High/Medium/Low)			589/467/347	613/494/376		
Sound Power Level (dB(A))	Indoor unit (Silent/Low/Medium/High)		20/26/33/39	21/28/35/40		
	Outdoor unit		56.5	57		
Sound Power Level (dB(A))	Indoor unit		58	57		
	Outdoor unit		60	61		
Compressor Type			ROTARY	ROTARY		
Liquid line Gas line			1/4" 3/8"	1/4" 3/8"		
Power Supply Wire Outdoor (No x mm²) / Fuses (A)			3x1.5/10	3x1.5/10		
Signal Wires (No x mm²)			5x1.5	5x1.5		
Dimensions WxDxH (mm)	Indoor unit		990x218x315	990x218x315		
	Outdoor unit		810x310x558	810x310x558		
Net Weight (kg)	Indoor / Outdoor		12.4/39.7	12.4/39.7		
Refrigerant			R410A/1.500g	R410A/1.500g		
Outdoor Operation Temperature Range (°C)	Cooling		-15~50	-15~50		
	Heating		-25~30	-25~30		

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Nemesis inventor



Wi-Fi STANDARD

Wi-Fi Standard

The series of Nemesis air conditioners include a USB stick, in order for you, to enjoy all the benefits of remote management. Control your climate easily from wherever you are, with your Smartphone or Tablet.

Free download the Invmate II application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.





5 YEARS WARRANTY Classic

Follow Me

A smart sensor is located on the remote control. When the Follow Me function is activated the set temperature synchronizes with the smart sensor. Your set temperature will follow you wherever you and the remote go, offering extra comfort and energy savings.



-25°C

Excellent Heating Performance at -25°C

With the special design of the outdoor unit, which includes Chassis Heating Belt & Compressor Heating Belt, excellent heating performance is achieved, extended to -25°C and -15°C and increasing the heating capacity by 47%.

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Aria

Wi-Fi Standard

The smart Wi-Fi operation for remote management is now available from the very first time you turn on the air conditioner. Create the ideal conditions in your room, no matter where you are, through your Smartphone or your Tablet.







A+

Energy Class

Ionizer Filter

Triple Action Filter

High Density Air Dust Filter

Mute Mode

8°C Heating

4 Way Air Flow

Follow Me

Powerful Self-Cleaning

Ultra Silence Mode

Low Ambient Cooling

Filter Check

All DC Inverter

Hotel Menu

MODEL			AR1MVI32-09WiFi/ AR1MVO32-09	AR1MVI32-12WiFi/ AR1MVO32-12	AR1MVI32-18WiFi/ AR1MVO32-18	AR2MVI32-24WiFi/ AR2MVO32-24
Cooling Capacity (Btu/h)			9.200 (3.500-10.900)	12.000 (2.800-14.200)	18.000 (5.900-21.200)	25.000 (8.800-28.800)
Cooling Capacity (kWatt)			2.7 (1.03-3.20)	3.51 (0.82-4.16)	5.27 (1.72-6.21)	7.33 (2.57-8.44)
Heating Capacity (Btu/h)			10.000 (3.000-12.500)	13.000 (2.900-16.300)	19.000 (3.600-23.800)	26.000 (5.200-32.200)
Heating Capacity (kWatt)			2.93 (0.87-3.66)	3.81 (0.84-4.78)	5.56 (1.05-6.98)	7.62 (1.52-9.44)
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.2	7.3
		Energy Class	A++	A++	A++	A++
		SEER	7.6	7.5	6.7	6.9
		Annual Power Consumption (kWh/year)	124	163	272	370
	Heating (Middle Zone)	Pdesign (kW)	2.6	2.8	4.1	5.1
		Energy Class	A+	A+	A+	A+
		SCOP	4.0	4.2	4.0	4.0
		Annual Power Consumption (kWh/year)	910	933	1.435	1.785
	Heating (Warm Zone)	Pdesign (kW)	3.1	3.3	4.5	6.3
		Energy Class	A+++	A+++	A+++	A+++
Voltage / Frequency / Phase (V/Hz/Ph)			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	3.25 (0.3-5.3)	4.74 (0.2-6.9)	6.68 (0.5-10.4)	10.44 (1.0-14.1)	
	Heating	3.44 (0.6-5.7)	4.47 (0.6-7.4)	6.35 (0.8-10.8)	9.46 (1.4-14.4)	
Power Input (W)	Cooling	749 (70-1.230)	1.089 (50-1.600)	1.538 (120-2.390)	2.402 (230-3.350)	
	Heating	715 (140-1.310)	1.050 (130-1.710)	1.461 (190-2.490)	2.177 (230-3.370)	
Air Flow Volume (m³/h) (High/Medium/Low)			521/429/259	539/478/294	750/505/420	1.050/750/560
Sound Power Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	21/22/29.5/37	21/22/30/38	21/27/33/42	26/30/40/46	
	Outdoor unit	55	55	57	59	
Sound Power Level (dB(A))	Indoor unit	53	55	57	60	
	Outdoor unit	59	60	62	65	
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY
Liquid line Gas line			1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"
Power Supply Wire Outdoor (No x mm²) / Fuses (A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
Signal Wires (No x mm²)			5x1.5	5x1.5	5x1.5	5x1.5
Dimensions WxDxH (mm)	Indoor unit	722x187x290	802x189x297	965x215x319	1.080x226x335	
	Outdoor unit	770x300x555	770x300x555	800x333x554	845x320x700	
Net Weight (kg)	Indoor / Outdoor	7.4/26.4	8.2/26.5	9.0/37.0	12.0/48.0	
Refrigerant			R32/700g	R32/800g	R32/1.250g	R32/1.600g
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-15~30	-15~30	-15~30	-15~30	

5 YEARS WARRANTY Classic

WiFi STANDARD

Wi-Fi Standard

The series of Aria air conditioners include a USB stick, in order for you, to enjoy all the benefits of remote management. Control your climate easily from wherever you are, with your Smartphone or Tablet.
Free download the Invmate II application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.







R32 - New ECO Refrigerant

Being the pioneer in air conditioning, Inventor introduces the new R32 refrigerant in the air conditioner series, so as to give you higher comfort levels and at the same time protect the environment. The new R32 ecological refrigerant, with 68% lower global warming potential, does not adversely affect the ozone layer, while contributes in reducing global warming and maintenance costs.



Green Fin

High anti - corrosion hydrophilic aluminum foil coating (Organic resin). The coating can withstand the salty air, the rain and any other corrosive elements. Not only protects the outdoor unit but also improves the performance of the unit.





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passion PRO II



Central Control

Set up to 64 air conditioners from one and only controller! Turn the air conditioner on and off and adjust the room temperature by selecting the desired function.





A⁺

Energy Class



Plasma Ionizer




Sterilization HEPA Filter




Triple Action Filter


09/12/18/24K Btu/h




Central Control




8°C Heating




4 Way Air Flow




Follow Me




Powerful Self-Cleaning




Ultra Silence Mode




Green Fin



Low Ambient Cooling



All DC Inverter



Easy Installation

MODEL			P7MVI-09WiFi/ P7MVO-09	P7MVI-12WiFi/ P7MVO-12	P7MVI-18WiFi/ P7MVO-18	P7MVI-24WiFi/ P7MVO-24
Cooling Capacity (Btu/h)			9.000 (4.000-11.300)	12.000 (4.300-15.200)	18.000 (6.500-20.900)	24.000 (9.100-26.900)
Cooling Capacity (kWatt)			2.64 (1.17-3.31)	3.52 (1.26-4.45)	5.28 (1.90-6.13)	7.03 (2.66-7.88)
Heating Capacity (Btu/h)			10.000 (2.800-12.700)	13.000 (3.640-16.600)	19.000 (4.870-23.000)	26.000 (7.100-31.200)
Heating Capacity (kWatt)			2.93 (0.82-3.72)	3.81 (1.07-4.87)	5.57 (1.43-6.74)	7.62 (2.08-9.14)
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.3	7.0
		Energy Class	A++	A++	A++	A++
		SEER	6.8	6.7	6.8	6.4
		Annual Power Consumption (kWh/year)	134	183	273	383
	Heating (Middle Zone)	Pdesign (kW)	2.4	2.6	4.4	5.6
		Energy Class	A+	A+	A+	A+
		SCOP	4.1	4.2	4.2	4.0
		Annual Power Consumption (kWh/year)	820	820	1,467	1,960
	Heating (Warm Zone)	Pdesign (kW)	3.0	3.0	4.7	7.2
		Energy Class	A+++	A+++	A+++	A+++
Voltage / Frequency / Phase (V/Hz/Ph)			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	3.5 (0.4-5.5)	5.0 (0.5-7.5)	7.1 (0.7-10.2)	10.0 (1.0-13.2)	
	Heating	3.5 (0.6-5.7)	4.6 (0.7-7.6)	6.5 (1.0-10.5)	10.0 (1.3-14.2)	
Power Input (W)	Cooling	816 (100-1,270)	1,153 (110-1,720)	1,633 (150-2,350)	2,306 (230-3,030)	
	Heating	811 (140-1,330)	1,055 (170-1,740)	1,500 (230-2,400)	2,302 (310-3,270)	
Air Flow Volume (m³/h) (High/Medium/Low)			472/360/254	563/497/224	870/730/500	1,176/921/446
Sound Power Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	21/26/34/39	23/31/38/41	24/32/41/44	27/33/43/46	
	Outdoor unit	55	56	58	61	
Sound Power Level (dB(A))	Indoor unit	53	52	59	61	
	Outdoor unit	58	59	64	65	
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY
Liquid line Gas line			1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"
Power Supply Wire Outdoor (No x mm²) / Fuses (A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
Signal Wires (No x mm²)			5x1.5	5x1.5	5x1.5	5x1.5
Dimensions WxDxH (mm)	Indoor unit	717x193x302	805x193x302	964x222x325	1,106x232x342	
	Outdoor unit	770x300x555	800x333x554	800x333x554	845x363x702	
Net Weight (kg)	Indoor / Outdoor	7.0/26.6	7.7/29.1	10.1/37.8	13.2/48.4	
Refrigerant			R410A/800g	R410A/950g	R410A/1,480g	R410A/2,000g
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-15~30	-15~30	-15~30	-15~30	



5 YEARS WARRANTY Classic



Wi-Fi STANDARD

Wi-Fi Standard

The series of Passion Pro II air conditioners include a USB stick, in order for you, to enjoy all the benefits of remote management. Control your climate easily from wherever you are, with your Smartphone or Tablet. Free download the Invmate II application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.



HM

Hotel Menu

With the Hotel Menu, cooling and heating operation can be set under certain operating limits. The air conditioner is locked preventing extreme temperatures and drastically contributes to save up to 70% of the operating costs.





Easy Clean

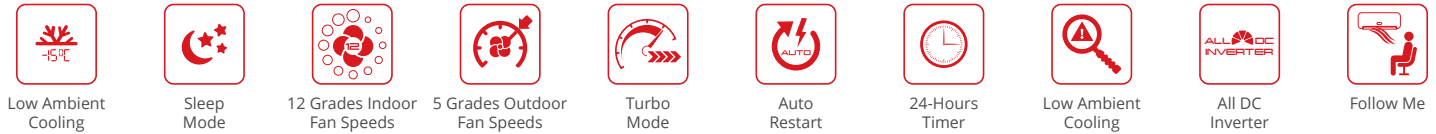
50% saving on cleaning time, with easy removable filters, that can be pulled out from the top, without opening the air conditioner's panel.

OMNiA plus

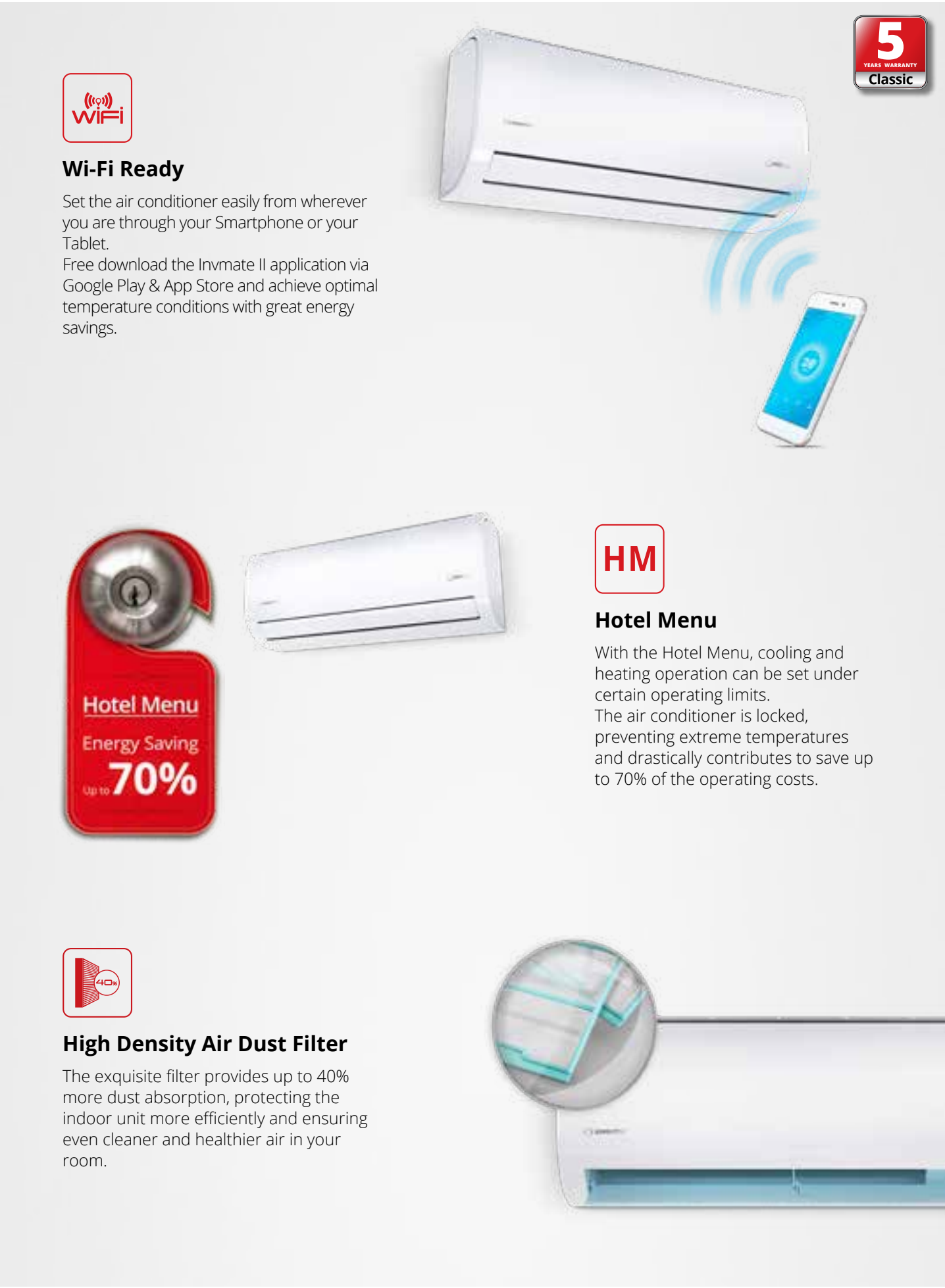
Energy Class A+++

Ensure optimum performance & great energy savings, thanks to the highest energy class A+++.





MODEL			O2MVI-09WiFiR/ O2MVO-09	O2MVI-12WiFiR/ O2MVO-12	O2MVI-18WiFiR/ O2MVO-18	O2MVI-24WiFiR/ O2MVO-24
Cooling Capacity (Btu/h)			9.000 (3.500-11.000)	12.000 (3.700-14.000)	18.000 (6.200-20.900)	24.000 (9.100-26.900)
Cooling Capacity (kWatt)			2.64 (1.02-3.22)	3.52 (1.08-4.10)	5.28 (1.81-6.13)	7.03 (2.66-7.88)
Heating Capacity (Btu/h)			10.000 (2.800-11.500)	13.000 (3.000-14.400)	19.000 (4.700-23.000)	25.000 (5.500-30.000)
Heating Capacity (kWatt)			2.93 (0.82-3.37)	3.81 (0.87-4.22)	5.57 (1.37-6.74)	7.33 (1.61-8.79)
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.3	7.0
		Energy Class	A++	A++	A++	A++
		SEER	6.2	6.1	6.4	6.1
		Annual Power Consumption (kWh/year)	147	201	290	402
	Heating (Middle Zone)	Pdesign (kW)	2.2	2.3	4.2	5.4
		Energy Class	A+	A+	A+	A+
		SCOP	4.0	4.0	4.0	4.0
		Annual Power Consumption (kWh/year)	770	805	1.470	1.890
	Heating (Warm Zone)	Pdesign (kW)	2.8	2.9	4.4	6.3
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.1	5.1
		Annual Power Consumption (kWh/year)	769	796	1.208	1.729
Voltage / Frequency / Phase (V/Hz/Ph)			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	3.8 (0.4-5.4)	5.5 (0.4-6.9)	7.1 (0.6-10.3)	11.7 (1.0-13.2)	
	Heating	3.9 (0.5-5.2)	5.0 (0.6-6.6)	6.7 (0.9-10.5)	11.1 (1.1-13.7)	
Power Input (W)	Cooling	879 (100-1.240)	1.256 (100-1.580)	1.633 (140-2.360)	2.684 (240-3.030)	
	Heating	887 (120-1.200)	1.154 (130-1.510)	1.542 (200-2.410)	2.549 (260-3.140)	
Air Flow Volume (m³/h) (High/Medium/Low)			420/320/270	570/470/370	840/680/540	980/800/640
Sound Power Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	22.5/27/34/40	23/28/36/41	25/35/40/47	27/34/39/45	
	Outdoor unit	55.5	56	56	60	
Sound Power Level (dB(A))	Indoor unit	52	53	56	59	
	Outdoor unit	60	59	63	65	
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY
Liquid line Gas line			1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"
Power Supply Wire Outdoor (No x mm²) / Fuses (A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
Signal Wires (No x mm²)			5x1.5	5x1.5	5x1.5	5x1.5
Dimensions WxDxH (mm)	Indoor unit	715x194x285	805x194x285	957x213x302	1.040x220x327	
	Outdoor unit	770x300x555	770x300x555	800x333x554	845x363x702	
Net Weight (kg)	Indoor / Outdoor	6.8/25.2	7.2/25.5	9.5/37.8	11.9/48.4	
Refrigerant			R410A/800g	R410A/800g	R410A/1.480g	R410A/1.850g
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-15~30	-15~30	-15~30	-15~30	

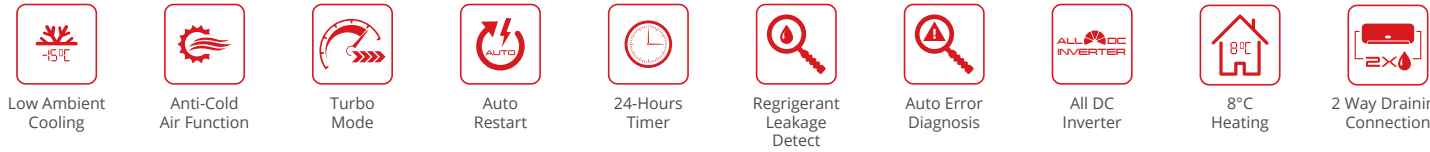


R32 - New ECO Refrigerant

Protect the environment and drastically reduce the maintenance costs, with the new ecological refrigerant R32.

Life PRO





MODEL			L4VI32-09 / L4VO32-09	L4VI32-12/ L4VO32-12	L4VI32-16/ L4VO32-16	L4VI32-18/ L4VO32-18	L4VI32-24/ L4VO32-24
Cooling Capacity (Btu/h)			8.500 (1.700-11.500)	10.918 (2.047-12.965)	15.695 (2.218-17.742)	17.500 (4.094-21.154)	22.000 (6.800-28.000)
Cooling Capacity (kWatt)			2.49 (0.49-3.37)	3.20 (0.59-3.80)	4.60 (0.65-5.20)	5.13 (1.19-6.20)	6.45 (1.99-8.21)
Heating Capacity (Btu/h)			9.554 (1.700-12.000)	11.942 (2.047-12.966)	17.742 (2.388-18.425)	18.015 (4.094-22.519)	22.000 (6.800-29.000)
Heating Capacity (kWatt)			2.80 (0.49-3.52)	3.50 (0.59-3.80)	5.20 (0.69-5.40)	5.28 (1.19-6.60)	6.44 (1.99-8.50)
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.5	3.2	4.6	5.1	6.4
		Energy Class	A++	A++	A++	A++	A++
		SEER	6.1	6.1	6.1	6.1	6.3
		Annual Power Consumption (kWh/year)	143	184	264	293	356
	Heating (Middle Zone)	Pdesign (kW)	2.6	3.2	3.6	4.2	6.3
		Energy Class	A+	A+	A+	A+	A+
		SCOP	4.0	4.0	4.0	4.0	4.0
		Annual Power Consumption (kWh/year)	910	1.120	1.260	1.470	2.205
	Heating (Warm Zone)	Pdesign (kW)	2.8	3.4	3.6	4.3	6.4
		Energy Class	A+++	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.1	5.1	5.1
		Annual Power Consumption (kWh/year)	769	933	988	1.180	1.757
Voltage / Frequency / Phase (V/Hz/Ph)			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	3.9 (0.7-6.2)	4.4 (0.5-6.2)	6.3 (1.4-8.0)	7.0 (0.9-10.8)	8.4 (2.5-13.0)	
	Heating	3.4 (0.8-6.7)	4.3 (0.5-6.7)	6.2 (1.4-8.0)	6.3 (2.0-12.0)	8.0 (2.5-13.5)	
Power Input (W)	Cooling	805 (160-1.400)	997 (120-1.400)	1.430 (150-1.700)	1.580 (350-2.100)	1.950 (400-3.000)	
	Heating	755 (200-1.500)	970 (120-1.500)	1.400 (160-1.600)	1.420 (350-2.300)	1.735 (450-3.100)	
Air Flow Volume (m³/h) (High/Medium/Low)			560/490/430/330	560/480/410/290	850/720/610/520	850/720/610/520	1.250/1.050/950/850
Sound Power Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	28/32/36/39	28/34/37/42	34/39/44/48	34/39/44/49	39/41/44/49	
	Outdoor unit	52	52	54	56	58	
Sound Power Level (dB(A))	Indoor unit	55	55	58	59	63	
	Outdoor unit	61	62	63	64	68	
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Liquid line Gas line			1/4" 3/8"	1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	1/4" 5/8"
Power Supply Wire Outdoor (No x mm²) / Fuses (A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16	3x2.5/16
Signal Wires (No x mm²)			4x1.5	4x1.5	4x1.5	4x1.5	4x1.5
Dimensions WxDxH (mm)	Indoor unit	790x200x275	790x200x275	970x224x300	970x224x300	1.078x246x325	
	Outdoor unit	776x320x540	848x320x596	842x320x596	899x378x596	955x396x700	
Net Weight (kg)	Indoor / Outdoor	9.0/29.5	9.0/31	13.5/34	13.5/39	16.5/52.5	
Refrigerant			R32/600g	R32/590g	R32/770g	R32/900g	R32/1.700g
Outdoor Operation Temperature Range (°C)	Cooling	-15~43	-15~43	-15~43	-15~43	-15~43	
	Heating	-15~24	-15~24	-15~24	-15~24	-15~24	



Portable Air Conditioners





Quick Installation

Cool portable air conditioner includes 4 additional accessories for its installation: the flexible duct and three joints. One joint shall be attached to the one side of the duct in order to attach it to the unit. The other two joints shall be connected to the other end of the duct, and then placed on the window.



Low Noise Level

Low noise level at 50 dB(A) for ideal conditions in your room.



MODEL	COOL
Cooling Capacity (Btu/h)	8.000
Cooling Capacity (kWatt)	2.34
Energy Class (Cooling)	A
EER	2.60
Voltage / Frequency / Phase (V/Hz/Ph)	230/50/1
Current Input - Cooling (A)	4.60
Power Input - Cooling (W)	900
Air Flow Volume (m³/h) (High/Medium/Low)	330/300/250
Dehumidifying Volume (L/h)	0.75
Noise Level (dB(A)) (Low/Medium/High)	50/52/54
Sound Power Level (dB(A))	65
Compressor Type	ROTARY
Dimensions WxDxH (mm)	300x345x790
Net Weight (kg)	24.00
Refrigerant	R410A/460g



24-Hours
Timer



Sleep Mode



Automatic
Operation



Auto Restart



Auto Error
Diagnosis



Lock



EPiC



Sleep Mode

With the Sleep Mode, the air conditioner adjusts the room temperature for perfect sleeping conditions and great energy savings.



Advanced Design

The advanced design of the unit enhances the water diffusion in the compressor, achieving an increase in overall efficiency and providing ideal cooling levels.



MODEL	EPIC
Cooling Capacity (Btu/h)	9.000
Cooling Capacity (kWatt)	2.64
Energy Class (Cooling)	A
EER	2.60
Voltage / Frequency / Phase (V/Hz/Ph)	230/50/1
Current Input - Cooling (A)	4.60
Power Input - Cooling (W)	1.015
Air Flow Volume (m³/h) (High/Medium/Low)	280/240
Dehumidifying Volume (L/h)	1.0
Noise Level (dB(A)) (Low/Medium/High)	51/53
Sound Power Level (dB(A))	65
Compressor Type	ROTARY
Dimensions WxDxH (mm)	345x355x703
Net Weight (kg)	23.8
Refrigerant	R410A/350g



24-Hours
Timer



Auto Restart



Self Evaporating
System



Omni-Directional
Caster



Auto Error
Diagnosis



Window Kit



Magic



A/A+ Energy Class

Effective performance that guarantees low power consumption.



Cooling & Heating

Excellent performance in cooling and heating mode. Ideal solution for rooms where permanent air conditioning installation is not allowed.



MODEL		MAGIC
Cooling Capacity (Btu/h)		11,942
Cooling Capacity (kWatt)		3.5
Heating Capacity (Btu/h)		9,895
Heating Capacity (kWatt)		2.9
Energy Class (Cooling/Heating)		A/A+
EER		2.6
COP		2.6
Voltage / Frequency / Phase (V/Hz/Ph)		230/50/1
Current Input (A)	Cooling	5.9
	Heating	5.0
Power Input (W)	Cooling	1,350
	Heating	1,130
Air Flow Volume (m³/h) (High/Medium/Low)		425/365/340
Dehumidifying Volume (L/h)		1.2
Noise Level (dB(A)) (Low/Medium/High)		52.4/52.7/53.7
Sound Power Level (dB(A))		65
Compressor Type		ROTARY
Dimensions WxDxH (mm)		466x397x765
Net Weight (kg)		34
Refrigerant		R410A/420g



24-Hours
Timer



Auto Swing



Self Evaporating
System



Sleep Mode

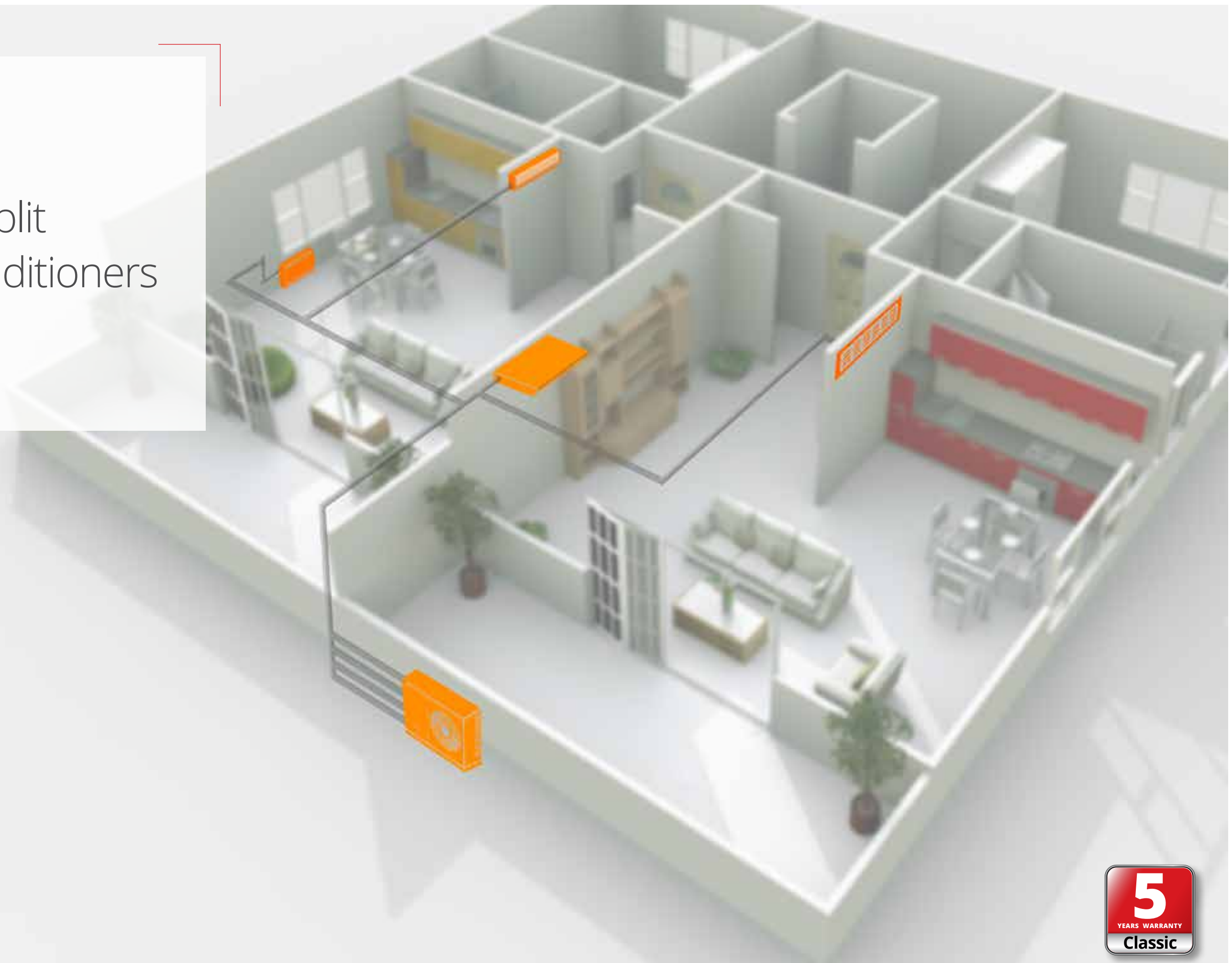


Auto Error
Diagnosis




Window Kit

Multi Split Air Conditioners




A⁺


Energy Class




All DC Inverter




Auto Error Diagnosis



Mute Mode



Central Control Management (Optional)



Electronic Expansion Valve Per Circuit

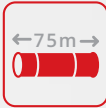
MODEL			U4MRSL(2)-14			U4MRSL(2)-18			U4MRSL(3)-21		
			DUCT	CASSETTES	CONSOLES	DUCT	CASSETTES	CONSOLES	DUCT	CASSETTES	CONSOLES
Cooling Capacity (Btu/h)			7.000-14.000	7.000-14.000	7.000-14.000	7.000-18.000	7.000-18.000	7.000-18.000	7.000-21.000	7.000-21.000	7.000-21.000
Cooling Capacity (kWatt)			2.05-4.10	2.05-4.10	2.05-4.10	2.05-5.28	2.05-5.28	2.05-5.28	2.05-6.15	2.05-6.15	2.05-6.15
Heating Capacity (Btu/h)			8.000-15.000	8.000-15.000	8.000-15.000	8.000-19.000	8.000-19.000	8.000-19.000	8.000-22.500	8.000-22.500	8.000-22.500
Heating Capacity (kWatt)			2.34-4.40	2.34-4.40	2.34-4.40	2.34-5.57	2.34-5.57	2.34-5.57	2.34-6.59	2.34-6.59	2.34-6.59
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	4.1	4.1	4.1	5.2	5.2	5.2	6.1	6.1	6.1
		Energy Class	A+	A++	A++	A++	A++	A++	A++	A++	A++
		SEER	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4
	Heating (Middle Zone)	Pdesign (kW)	3.7	3.4	3.4	4.8	4.9	4.9	5.6	5.4	5.7
		Energy Class	A	A+	A+	A	A+	A+	A	A+	A+
		SCOP	3.8	4.0	4.0	3.8	4.0	4.0	3.8	4.0	4.0
Voltage / Frequency / Phase (V/Hz/Ph)			230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Indoor Number of Units			1-2	1-2	1-2	1-2	1-2	1-2	1-3	1-3	1-3
Noise Level (dB(A))			54	54	54	56.5	56.5	56.5	57.5	57.5	57.5
Sound Power Level (dB(A))			60	65	65	65	65	65	65	65	65
Dimensions WxDxH (mm)			800x333x554	800x333x554	800x333x554	800x333x554	800x333x554	800x333x554	845x363x702	845x363x702	845x363x702
Net Weight (kg)			30.5	30.5	30.5	36.0	36.0	36.0	47.0	47.0	47.0
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Liquid Line Gas Line			2x (1/4" 3/8")	2x (1/4" 3/8")	2x (1/4" 3/8")	2x (1/4" 3/8")	2x (1/4" 3/8")	2x (1/4" 3/8")	3 x (1/4" 3/8")	3 x (1/4" 3/8")	3 x (1/4" 3/8")
Power Supply Wire Outdoor (No x mm²) / Fuses (A)			3x2.5/16	3x2.5/16	3x2.5/16	3x2.5/16	3x2.5/16	3x2.5/16	3x2.5/16	3x2.5/16	3x2.5/16
Refrigerant			R410A/1.250g	R410A/1.250g	R410A/1.250g	R410A/1.700g	R410A/1.700g	R410A/1.700g	R410A/2.100g	R410A/2.100g	R410A/2.100g
Maximum Pipe Length (m)		Total	30	30	30	30	30	30	45	45	45
		For one Indoor Unit	20	20	20	20	20	20	25	25	25
Max. Height Difference Between Indoor and Outdoor Unit (m)		Outdoor Unit Higher than Indoor Unit	10	10	10	10	10	10	10	10	10
		Outdoor Unit Lower than Indoor Unit	15	15	15	15	15	15	15	15	15
Max. Height Difference Between Indoor Units (m)			10	10	10	10	10	10	10	10	10
Operation Temperature Range (°C)		Cooling	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
		Heating	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24

MODEL			U4MRSL(3)-27			U4MRSL(4)-28			U4MRSL(4)-36			U4MRSL(5)-42		
			DUCT	CASSETTES	CONSOLES	DUCT	CASSETTES	CONSOLES	DUCT	CASSETTES	CONSOLES	DUCT	CASSETTES	CONSOLES
Cooling Capacity (Btu/h)			7.000-27.000	7.000-27.000	7.000-27.000	7.000-28.000	7.000-28.000	7.000-28.000	7.000-36.000	7.000-36.000	7.000-36.000	7.000-42.000	7.000-42.000	7.000-42.000
Cooling Capacity (kWatt)			2.05-7.91	2.05-7.91	2.05-7.91	2.05-8.21	2.05-8.21	2.05-8.21	2.05-10.55	2.05-10.55	2.05-10.55	2.05-12.31	2.05-12.31	2.05-12.31
Heating Capacity (Btu/h)			8.000-28.000	8.000-28.000	8.000-28.000	8.000-30.000	8.000-30.000	8.000-30.000	8.000-38.000	8.000-38.000	8.000-38.000	8.000-42.000	8.000-42.000	8.000-42.000
Heating Capacity (kWatt)			2.34-8.21	2.34-8.21	2.34-8.21	2.34-8.79	2.34-8.79	2.34-8.79	2.34-11.14	2.34-11.14	2.34-11.14	2.34-12.31	2.34-12.31	2.34-12.31
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	7.9	7.9	7.9	8.2	8.2	8.2	10.6	10.6	10.6	12.3	12.3	12.3
		Energy Class	A++	A++	A++	A++	A++	A++	A++	A+	A++	A++	A+	A++
		SEER	6.1	6.1	6.6	6.1	6.1	6.1	6.9	5.9	7.6	6.4	5.6	7.7
	Heating (Middle Zone)	Pdesign (kW)	5.9	5.9	5.9	7.0	6.7	7.0	9.3	9.3	9.3	9.7	9.6	9.6
		Energy Class	A	A+	A+	A	A	A	A	A	A	A	A	A
		SCOP	3.8	4.0	4.0	3.8	4.0	3.8	3.8	3.8	3.8	3.5	3.8	3.8
Voltage / Frequency / Phase (V/Hz/Ph)			230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1
Indoor Number of Units			1-3	1-3	1-3	1-4	1-4	1-4	1-4	1-4	1-4	1-5	1-5	1-5
Noise Level (dB(A))			59.5	59.5	59.5	60	60	60	63.5	63.5	63.5	62	62	62
Sound Power Level (dB(A))			68	68	68	66	66	66	68	68	68	68	68	68
Dimensions WxDxH (mm)			845x363x702	845x363x702	845x363x702	946x410x810	946x410x810	946x410x810	946x410x810	946x410x810	946x410x810	946x410x810	946x410x810	946x410x810
Net Weight (kg)			52.7	52.7	52.7	67.6	70.0	70.0	70.0	70.0	70.0	76.0	76.0	76.0
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Liquid Line Gas Line			3 x (1/4") 3/8"	3 x (1/4") 3/8"	3 x (1/4") 3/8"	3x(1/4") 3/8" + 1x (1/4") 1/2"	3x(1/4") 3/8" + 1x (1/4") 1/2"	3x(1/4") 3/8" + 1x (1/4") 1/2"	3x(1/4") 3/8" + 1x (1/4") 1/2"	3x(1/4") 3/8" + 1x (1/4") 1/2"	3x(1/4") 3/8" + 1x (1/4") 1/2"	4x (1/4") 3/8" + 1x (1/4") 1/2"	4x (1/4") 3/8" + 1x (1/4") 1/2"	4x (1/4") 3/8" + 1x (1/4") 1/2"
Power Supply Wire Outdoor (No x mm²) / Fuses (A)			3x2.5/20	3x2.5/20	3x2.5/20	3x2.5/25	3x2.5/25	3x2.5/25	3x4.0/25	3x4.0/25	3x4.0/25	3x4.0/25	3x4.0/25	3x4.0/25
Refrigerant			R410A/2.100g	R410A/2.100g	R410A/2.100g	R410A/2.400g	R410A/2.400g	R410A/2.400g	R410A/3.000g	R410A/3.000g	R410A/3.000g	R410A/3.600g	R410A/3.600g	R410A/3.600g
Maximum Pipe Length (m)		Total	45	45	45	60	60	60	60	60	60	75	75	75
		For one Indoor Unit	25	25	25	30	30	30	30	30	30	30	30	30
Max. Height Difference Between Indoor and Outdoor Unit (m)		Outdoor Unit Higher than Indoor Unit	10	10	10	10	10	10	10	10	10	10	10	10
		Outdoor Unit Lower than Indoor Unit	15	15	15	15	15	15	15	15	15	15	15	15
Max. Height Difference Between Indoor Units (m)			10	10	10	10	10	10	10	10	10	10	10	10
Operation Temperature Range (°C)		Cooling	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
		Heating	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24



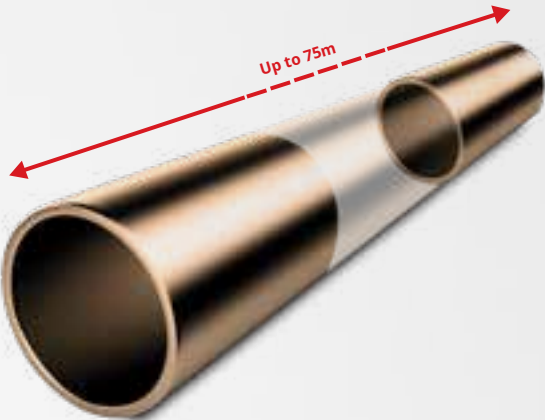
Green Fin

High anti- corrosion hydrophilic aluminum foil coating (Organic resin). The coating can withstand the salty air, the rain and any other corrosive elements. Not only protects the outdoor unit but also improves the performance of the unit.



Flexible Installation

Connect up to 5 indoor units of any type. Maximum total pipe length up to 75m.



Wide Operation Range

With up to 25 stages (F1-F25) of compressor frequency. The frequency range increases up to 70%, allowing the system to run smoothly. Offers accurate control for an ideal atmosphere with the greatest energy savings.



Low Ambient Cooling

The outdoor unit's special design produces an efficient and effective cooling operation even at -15°C.





Wide Angle Air Flow

The special design provides a wide and very comfortable airflow, for greater air circulation.



Quiet Operation

This feature refers to the reduced noise emissions in order to achieve a pleasant and comfortable operation of your air conditioner.



Double Air Outlet

Choose between the bottom or the top and bottom air outlet. Ideal solution that provides stable room temperature, even in the case of difficult installations.



MODEL	LV4MLI-07	LV4MLI-09	LV4MLI-12	LV4MLI-18
Cooling Capacity (Btu/h)	7.000	9.000	12.000	18.000
Cooling Capacity (kWatt)	2.05	2.64	3.52	5.28
Heating Capacity (Btu/h)	8.000	10.000	13.000	18.000
Heating Capacity (kWatt)	2.34	2.93	3.81	5.28
Voltage / Frequency / Phase (V/Hz/Ph)	230/50/1	230/50/1	230/50/1	230/50/1
Current Input (A)	Cooling	0.13	0.13	0.17
	Heating	0.13	0.16	0.21
Power Input (W)	Cooling	30	30	40
	Heating	30	36	48
Air Flow Volume (m³/h) (High/Medium/Low)	710/680/580/450	710/680/580/450	550/470/360	820/740/650/520
Noise Level (dB(A)) (Low/Medium/High)	31/35/38	35/40/45	35/41/47	39/44/48
Sound Power Level (dB(A))	56	56	58	59
Dimensions WxDxH (mm)	700x210x600	700x210x600	700x210x600	700x210x600
Net Weight (kg)	13.5	13.5	14.8	15
Liquid Line Gas Line	1/4" 3/8"	1/4" 3/8"	1/4" 3/8"	1/4" 1/2"



Error Alarm Port



Front Desk Control (Optional)



Auto Error Diagnosis



Central Control Management (Optional)



Wired Control (Optional)



Wi-Fi Ready

Set the air conditioner easily from wherever you are through your Smartphone or your Tablet. Free download the Invmate II application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.



Ionizer

The Ionizer produces ions. When these ions collide they release an enormous energy which destroys odors, dust and smoke while leaving your environment clean and fresh.



4 Way Air Flow

The renewed design creates uniform air distribution in all dimensions. The vent swings not only move horizontally but vertically as well, dispersing the air smoothly even in the most difficult spots.

MODEL	AR1MVI-07WFR	AR1MVI-09WFR	AR1MVI-12WFR	AR1MVI-18WFR	AR1MVI-24WFR
Cooling Capacity (Btu/h)	8.000	9.000	12.000	18.000	24.000
Cooling Capacity (kWatt)	2.34	2.64	3.52	5.28	7.03
Heating Capacity (Btu/h)	9000	10.000	13.000	20.000	27.000
Heating Capacity (kWatt)	2.64	2.93	3.81	5.86	7.91
Voltage / Frequency / Phase (V/Hz/Ph)	230/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	0.11	0.11	0.11	0.15
	Heating	0.11	0.11	0.11	0.15
Power Input (W)	Cooling	24	24	24	34
	Heating	24	24	24	34
Air Flow Volume (m³/h) (High/Medium/Low)	400/300/230	420/310/240	520/460/270	750/500/420	1.060/830/610
Noise Level (dB(A)) (Low/Medium/High)	22/31/36	23/33/37	24/35/39	29/34/42	32/43/48
Sound Power Level (dB(A))	52	53	52	57	61
Dimensions WxDxH (mm)	722x187x290	722x187x290	802x189x297	965x215x319	1.080x226x335
Net Weight (kg)	7.4	7.4	8.2	10.7	13.0
Liquid Line Gas Line	1/4" 3/8"	1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"



Mute Mode



Sleep Mode



Turbo Mode



Regrigerant Leakage Detect

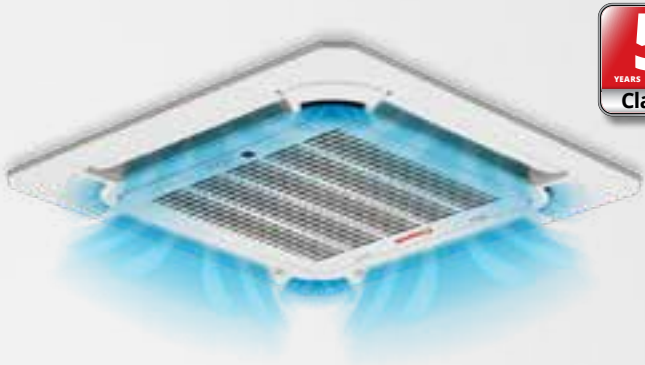


Auto Error Diagnosis



360° Air Outlet

Enjoy optimum comfort, anywhere in the room. 360 degree directional wind coming out from 8 instead of 4 air outlets, can deliver air evenly throughout every corner in any space. Supplying 360 degree, even airflow, reduces hot and cold spots in the space providing ultimate comfort.



External Air Duct Outlet

With the special design of the indoor unit, an extra duct can supply air to another room. Suitable for air conditioning extra small rooms.



Fresh Air Intake

Provided to handle the fresh air load for a clean and healthy environment.



MODEL		LV4MCI-07	LV4MCI-09	LV4MCI-12	LV4MCI-18
Cooling Capacity (Btu/h)		7.000	9.000	12.000	18.000
Cooling Capacity (kWatt)		2.05	2.64	3.52	5.28
Heating Capacity (Btu/h)		8.000	10.000	14.000	18.000
Heating Capacity (kWatt)		2.34	2.93	4.1	5.28
Voltage / Frequency / Phase (V/Hz/Ph)		230/50/1	230/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	0.18	0.18	0.18	0.44
	Heating	0.18	0.18	0.18	0.44
Power Input (w)	Cooling	40	40	40	102
	Heating	40	40	40	102
Air Flow Volume (m³/h) (High/Medium/Low)		580/500/450	580/500/450	650/530/450	800/650/500
Noise Level (dB(A)) (Low/Medium/High)		35/38/42	33/36/39	34/37/41	36/42/48
Sound Power Level (dB(A))		53	53	58	59
Dimensions WxDxH (mm)	Panel	647x50x647	647x50x647	647x50x647	647x50x647
	Indoor	570x260x570	570x260x570	570x260x570	570x260x570
Net Weight (kg)	Panel	2.5	2.5	2.5	2.5
	Indoor	14.5	14.5	16	18
Liquid Line Gas Line		1/4" 3/8"	1/4" 3/8"	1/4" 3/8"	1/4" 1/2"



Error Alarm Port



Front Desk Control (Optional)



Auto Error Diagnosis



Central Control Management (Optional)

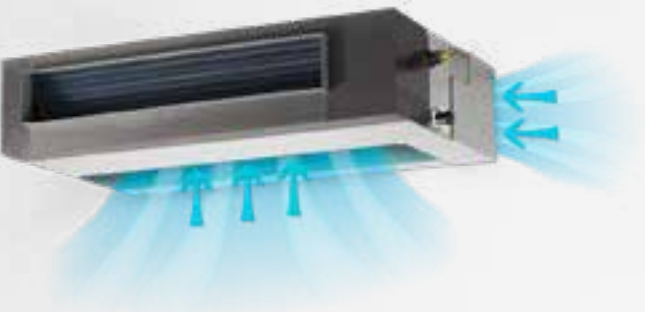


Wired Control (Optional)



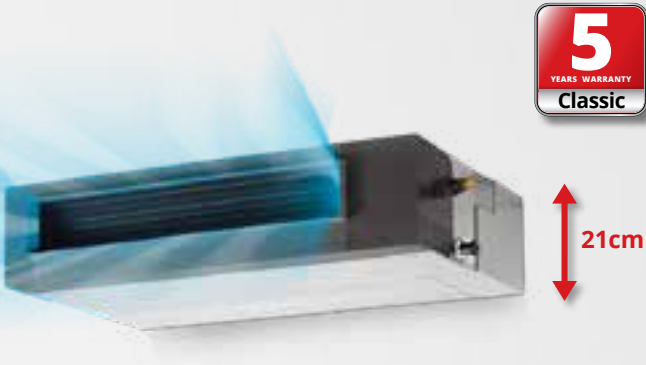
Super Slim Design

Smaller indoor unit's height compared to the conventional ones.



Two Air Inlet Styles

Choose between the bottom or the rear side for the air intake. Flexible air intake from the back or the bottom part of the unit, that can fit to all kinds of installation.



Built-in Drain Pump

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



MODEL		LV4MDI-07	LV4MDI-09	LV4MDI-12	LV4MDI-18
Cooling Capacity (Btu/h)		7.000	9.000	12.000	18.000
Cooling Capacity (kWatt)		2.05	2.64	3.52	5.28
Heating Capacity (Btu/h)		8.000	10.000	13.000	20.000
Heating Capacity (kWatt)		2.34	2.93	3.81	5.86
Voltage / Frequency / Phase (V/Hz/Ph)		230/50/1	230/50/1	230/50/1	230/50/1
Current Input (A)	Cooling	0.13	0.13	0.17	0.48
	Heating	0.13	0.13	0.17	0.48
Power Input (w)	Cooling	30	30	40	107
	Heating	30	30	40	107
Air Flow Volume (m³/h) (High/Medium/Low)		530/400/340	530/400/340	680/580/450	816/546
Noise Level (dB(A)) (Low/Medium/High)		31/32/35	28/31/35	35/38/42	40/42/46
Sound Power Level (dB(A))		55	55	59	59
Dimensions WxDxH (mm)		700x635x210	700x635x210	700x635x210	920x635x210
Net Weight (kg)		18.5	18.5	18.4	23.0
Liquid Line		1/4"	1/4"	1/4"	1/4"
Gas Line		3/8"	3/8"	3/8"	1/2"
Static Pressure (Pa)		0-45	0-45	0-45	0-60



Error Alarm Port



Front Desk Control (Optional)



Auto Error Diagnosis



Central Control Management (Optional)



Wired Control (Optional)

A-Z



A+ Energy Class

Efficient performance that guarantees lower energy consumption.



A++ Energy Class

The higher and more efficient performance rating maximizes your energy savings.



A+++ Energy Class

Excellent heating operation for maximum energy savings.



Advanced Technology

The advanced design of the unit enhances the water diffusion in the compressor, achieving an increase in overall efficiency and providing ideal cooling levels in the place.



360° Air Outlet

Enjoy optimum comfort, anywhere in the room. 360 degree directional wind coming out from 8 instead of 4 air outlets, can deliver air evenly throughout every corner in any space. Supplying 360 degree, even airflow, reduces hot and cold spots in the space providing ultimate comfort.



All DC Inverter

The fans of the indoor and outdoor units, as well as the compressor, have been upgraded to All DC Inverter technology. In this way , the compressor can change the capacity depending on the needs of the indoor atmosphere and create perfect conditions in the room.



Anti-Cold Air Function

Indoor fan speed is regulated automatically from the lowest grade to the setting grade, according to the evaporator temperature when the unit starts to operating under heating mode.



Auto Error Diagnosis

Once abnormal operation or parts failure happens, the unit will shut off automatically to protect the system. Meanwhile, it will indicate protection or error code for fast service.



Auto Restart

If the air conditioner breaks off unexpectedly due to the power failure, it will restart with the previous setting mode automatically when the power resume.



Auto Swing

This function refers to the automatic louvers' movement. The automatic operation enables you to manage the air distribution in the room.



Auto Swing Louver

Distributes cool/warm air to all over the area by moving horizontal flaps automatically.



Automatic Operation

After setting the desired temperature, the unit will automatically adjust its operation in order to keep stable the temperature you have set.



Blow Xfan Mode

It eliminates unwanted moisture in the indoor unit during cooling mode. After turning off the air conditioner, the indoor unit's fan will keep running for a while in order to dry the indoor unit.



Built-in Drain Pump

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



Central Control

Centralized (for up to 64 indoor units), front desk, touch pad wired controller, Wi-Fi and many others.



Central Control Management (Optional)

The centralized multi-functional device can control up to 64 indoor units within a maximum connection length of 1200m.



Cooling & Heating

Excellent performance in cooling and heating mode. Ideal solution for rooms where permanent air conditioning installation is not allowed.



Double Air Outlet

Choose between the bottom or the top and bottom air outlet. Ideal solution that provides stable room temperature even in the case of difficult installations.



Easy Clean

50% saving on cleaning time, with easy removable filters, that can be pulled out from the top without opening the air conditioner's panel.



Easy Installation

Save 20% time on installation, due to strong installation plate and cupboard of Passion Pro II. Big space for piping/ wiring connection & improved wiring terminal.



Electronic Expansion Valve Per Circuit

The independent electronic valve of each indoor unit, offers better operating control and efficiency.



Emergency Using

When temperature sensor error happens, the air conditioner displays error code and stops immediately, while AC displays error and continues running in a proper status, to avoid the case that AC is in urgent need.



Energy Saving

Inventor, always focusing on consumer needs, provides innovative high-performance air conditioning systems, for great environmental protection and low operating costs.



Error Alarm Port

An indicator of an error code will display if an error occurs.



Excellent Heating Performance at -25°C

With the special design of the outdoor unit, which includes Chassis Heating Belt & Compressor Heating Belt, excellent heating performance is achieved, extended to -25°C and -15°C and increasing the heating capacity by 47%.



External Air Duct Outlet

With the special design of the indoor unit, an extra duct can supply air to another room. Suitable for air conditioning extra small rooms.



Filter Check

Checking if the filter is clean is not necessary anymore with Filter Check (filter control function). The CL indicator will light up on the screen when the filter needs to be cleaned.



Flexible Installation

Connect up to 5 indoor units of any type. Maximum total pipe length up to 75m.



Follow Me

A smart sensor is located on the remote control. When the Follow Me function is activated the set temperature synchronizes with the smart sensor. Your set temperature will follow you wherever you and the remote go, offering extra comfort and energy savings.



Fresh Air Intake

Provided to handle the fresh air load for a clean and healthy environment



Front Desk Control (Optional)

With a smart control board, air conditioners can be turned on/off via long distance control signals.



12 Grades Indoor Fan Speeds

Up to 12 grades indoor fan speeds, ensure more accurate control and brings more comfortable air flow.



5 Grades Outdoor Fan Speeds

Achieve stable operation and maximum energy savings.



Green Fin

High anti- corrosion hydrophilic aluminum foil coating (Organic resin). The coating can withstand the salty air, the rain and any other corrosive elements. Not only protects the outdoor unit but also improves the performance of the unit.



8°C Heating

Prevent potential weather damages in places that are not heated and pose risks during the winter. Enable the 8°C function and the air conditioner heats the room as much as needed, while maintains a stable room temperature at 8°C.



High Density Air Dust Filter

The exquisite filter provides up to 40% more dust absorption, protecting the indoor unit more efficiently and ensuring even cleaner and healthier air in your room.



Hotel Menu

With the Hotel Menu, cooling and heating operation can be set under certain operating limits. The air conditioner is locked, preventing extreme temperatures and drastically contributes to save up to 70% of the operating costs.



Ionizer Filter

The ions released in the air, give you a fresh and clean atmosphere, by capturing dust and smoke, offering wellness and high quality room conditions.



Lock

Engage the lock function to prevent anyone from changing the settings or children playing with the unit.



Louver Position Memory

Horizontal louver will automatically move to the same position as you set last time when the unit was operating.



Low Ambient Cooling

The outdoor unit's special design produces an efficient and effective cooling operation even at -15°C.



Low Noise Level (Portable Air Conditioners)

Low noise level at 50 dB(A) for ideal conditions in your room.



Mute Mode

Want to turn off the AC beep and display? By pressing the mute operation Inventor AC helps to give you a quiet and comfortable night.



Omni-Directional Caster

The integrated swivel casters make the portable air conditioner easier to move.



Plasma Ionizer

Effective absorption, of almost 90% of bacteria. Removes odors and creates air nutrition improvement with more negative oxygen ions.



Powerful Self-Cleaning

With a touch of a button on the remote control your air conditioner cleans itself! The process only takes 17 minutes. When it is finished, the unit is ready to be used again, free of bacteria and fungi, providing fresh and clean air.



Quick Installation

Cool portable air conditioner includes 4 additional accessories for its installation: the flexible duct and three joints. One joint shall be attached to the one side of the duct in order to attach it to the unit. The other two joints shall be connected to the other end of the duct, and then placed on the window.



Quiet Operation

This feature refers to the reduced noise emissions in order to achieve a pleasant and comfortable operation of your air conditioner.



R32 - New ECO Refrigerant

Being the pioneer in air conditioning, Inventor introduces the new R32 refrigerant in the air conditioner series, so as to give you higher comfort levels and at the same time protect the environment. The new R32 ecological refrigerant, with 68% lower global warming potential, does not adversely affect the ozone layer, while contributes in reducing global warming and maintenance costs.



Regrigerant Leakage Detect

Indoor unit will show error code "EC" and will stop automatically when refrigerant leakage is detected.



Robust Outdoor Design

The redesigned outdoor units are sturdier and easier for maintenance. The up-side-down electrical box keeps the electrical parts dust free (up to 70% dust reduction) and the heating performance is increased even in lower outdoor temperatures.



Self Evaporating System

Innovative system that automatically removes condensed moisture from the unit without manual draining or setting up a hose for continuous drainage.



Sleep Mode

With the Sleep Mode, the air conditioner adjusts the room temperature for perfect sleeping conditions and great energy savings.



Smart Restart

If there are many units installed in the same room, the units start randomly and not all at the same time, to avoid overloading the network.

A-Z



1W StandBy

Power consumption from 1.0W in StandBy mode for higher energy savings.



Sterilization HEPA filter

Removes even the smallest amount of dust from the air. It eliminates germs while reduces the chance of allergies and diseases, providing healthy pure air.



Super Slim Design

Smaller indoor unit's height compared to the conventional ones.



Ionizer

The Ionizer produces ions. When these ions collide they release an enormous energy which destroys odors, dust and smoke while leaving your environment clean and fresh.



Temperature Sensor Offset

The temperature detected by the indoor unit temperature probe will often be different from the actual ground temperature, due to the indoor units being installed at different heights.



24-Hours Timer

Set the unit to start and stop automatically in a 24 hours period.



Triple Action Filter

The Triple Action Filter with Vitamin C, Silver Ion and Cold Catalyst protects your skin and improves the air.

Vitamin C: Increases collagen production. The filtered air softens the skin and reduces stress.

Silver Ion: It eliminates the existing bacteria and germs in the air. Silver Ion provides fresh odorless air while helping to prevent mold.

Cold Catalyst: It absorbs odor and harmful gases from the environment, while successfully eliminates formaldehyde and volatile organic compounds.



Turbo Mode

Under Turbo Mode you can achieve faster cooling in the space.



Two Air Inlet Styles

Choose between the bottom or the rear side for the air intake. Flexible air intake from the back or the bottom part of the unit, that can fit to all kinds of installation.



Ultra Silence Mode

Activate the Ultra Silence Mode and enjoy an absolute feeling of pure silence in your room.



4 Way Air Flow

The renewed design creates uniform air distribution in all dimensions. The vent swings not only move horizontally but vertically as well, dispersing the air smoothly even in the most difficult spots.



2 Way Draining Connection

The drainage hose can be connected in both left and right side of the console for easy installation.



Weekly Planner

The Invmate II application provides the Weekly Planner in order to set the desired conditions in your place, according to your everyday needs. Control your air conditioner easily and promptly, ensuring excellent atmosphere whenever you want.



Wide Angle Air Flow

The special design provides a wide and very comfortable airflow, for greater air circulation.



Wide Operating Voltage Range

The wide operating voltage range, 170 – 265V, allows the outdoor unit to operate even in areas with unstable power supply, without overstraining the compressor and without causing damage to the electronic parts of the unit.



Wide Operation Range

With up to 25 stages (F1-F25) of compressor frequency. The frequency range increases up to 70%, allowing the system to run smoothly. Offers accurate control for an ideal atmosphere with greatest energy savings.



Wi-Fi Ready

Set the air conditioner easily from wherever you are through your Smartphone or your Tablet. Free download the Invmate II application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.



Wi-Fi Standard

The series of Aria, Nemesis & Passion Pro II air conditioners include USB stick, in order for you, to enjoy all the benefits of remote management. Control your climate easily from wherever you are, with your Smartphone or Tablet. Free download the Invmate II application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.



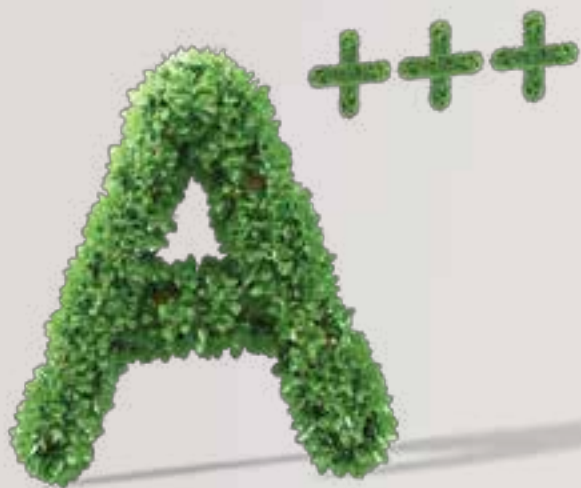
Wired Control (Optional)

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

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AC Product Catalogue 2017



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