



Residential Air Conditioners

Welcome to the World of **inventor** Air Conditioners

Created by the largest Air Conditioner manufacturers globally
 Inventor units enjoy a sound reputation of exceptional
 quality and outstanding performance!



Our Mission!

inventor aims at offering the Air Conditioning professional and end-user, top quality products at competitive prices. We offer products and services flexible to meet the specific needs of our individual client "Your Conditions". Our wide range product mix is continuously updated; new products are introduced annually after closely monitoring the global Air Conditioning market, as well as the social and environmental trends.

Our client is the center of our company! We offer:

- Innovative top quality products at the most competitive prices
- 5 years warranty of excellent performance
- Unique after sales services
- Products according to specific local demands

47 years of experience, countless satisfied customers in more than 50 countries in the world!

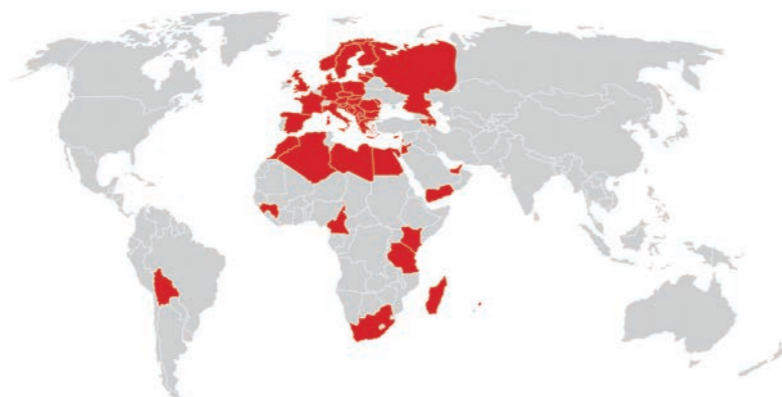
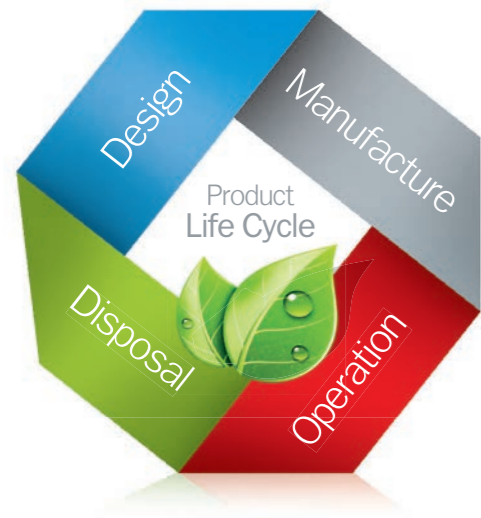


Table of Contents

Eco Design	page 4
New energy label	page 4
DC Inverter & DC10 Inverter	page 5
Various Technologies	page 5
Remote Control Functions	page 6
Display	page 7
Healthy Filters & Cold Plasma	page 7
Wall Mounted Units	
Avra Series 	page 9
Enjoy Series 	page 11
Bon Series 	page 13
Cosmo Series 	page 15
Floor Standing Units	
V1MF 	page 17
R1F & RF	page 17
Appliances	
Refrigerator - Mini Bar 	page 18
Dehumidifier	page 18
Humidifier Air Purifier	page 19
Air Purifier	page 19

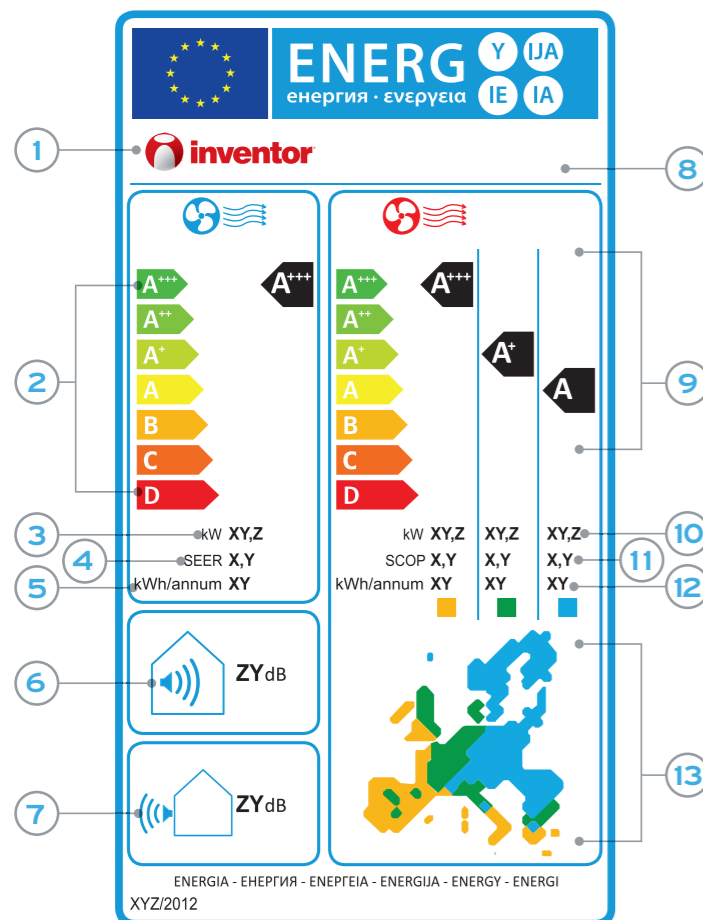


Eco Design

Inventor Air Conditioners are designed with special consideration on the environmental impacts during their whole lifecycle.

The overall objective of Eco-design products is to reduce **greenhouse gas** emissions at low cost, through reduced **energy demand**. Eco-design products are not only environment friendly, but also offer considerable savings through reduced energy demand during operation. In addition, Inventor units are designed and produced taking into account other environmental considerations including: **materials use; water use; polluting emissions; waste issues and recyclability.**

New Energy Label



- Brand Name
- Energy classification in cooling mode, A+++ the most efficient
- Design Load Cooling (kW)
- SEER : Seasonal Efficiency Ratio (for cooling mode), is the cooling season energy efficiency performance, expressed as the ratio between the reference seasonal cooling demand in kWh/a and the seasonal electricity consumption for cooling in kWh/a
- Annual power consumption in cooling mode
- Sound Power Level (dB) indoor unit
- Sound Power Level (dB) outdoor unit
- Indoor's and outdoor's units model name
- Energy classification in Heating mode*
- Design Load Heating (kW)*
- SCOP : Seasonal Coefficient of Performance (for Heating mode) is the heating season efficiency performance, expressed as the ratio between the reference seasonal heating energy demand in kWh/a and the seasonal electricity consumption for heating, which may vary according the climate profile chosen in kWh/a*
- Annual power consumption in heating mode*
- European map divided into 3 climate zones

- Warm zone
- Average zone
- Cold zone

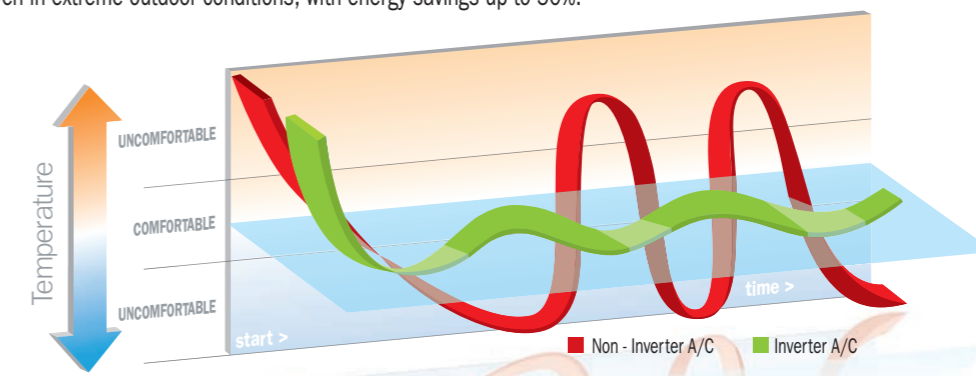
* Only average climate zone data are obligatory to be written

DC Inverter Technology

Save Energy and enjoy maximum comfort levels with Inventor's DC INVERTER technology.



As a multiple-part kit, "DC Inverter" regulates voltage, current and frequency on the compressor and the outdoor unit's motor, succeeding wide capacity range and stable operation. Combined with the sensors placed both in the indoor and outdoor units, "DC Inverter" offers ultimate comfort levels and superior performance, even in extreme outdoor conditions, with energy savings up to 50%.



- ✓ Save Energy
- ✓ Soft start up
- ✓ Wide capacity range
- ✓ Operation at maximum capacity in order to reach the desired temperature in the shortest time
- ✓ Constant and silent operation at low capacity when desired temperature is reached for a relaxing environment

DC10 Inverter



Inventor's top level DC10 inverter technology introduces the quiet, high-performance compressor, with reduced vibrations, less noise and maximum energy saving.

Subjected in more than 1500 tests in the toughest climate conditions the DC10 compressor and motors can operate steadily both in intense cold and extreme heat. DC10 Inverter, offers a wider capacity range, avoids often start-ups and reaches the desired temperature faster. Comfort is DC10 inverter!

Various Technologies



Intelligent defrost
Stable room temperature and energy saving. Defrost is performed only when necessary and lasts as long as it is needed.



Self diagnosis
Auto error diagnosis makes maintenance easier



1w stand by
Power consumption from 0,5-1W in Stand-by mode





Low voltage start up
Wide voltage start up 170-265V allows units to operate in unstable power supply areas reducing unit breakdowns



Auto restart
Unit restores previous functions after a power loss.

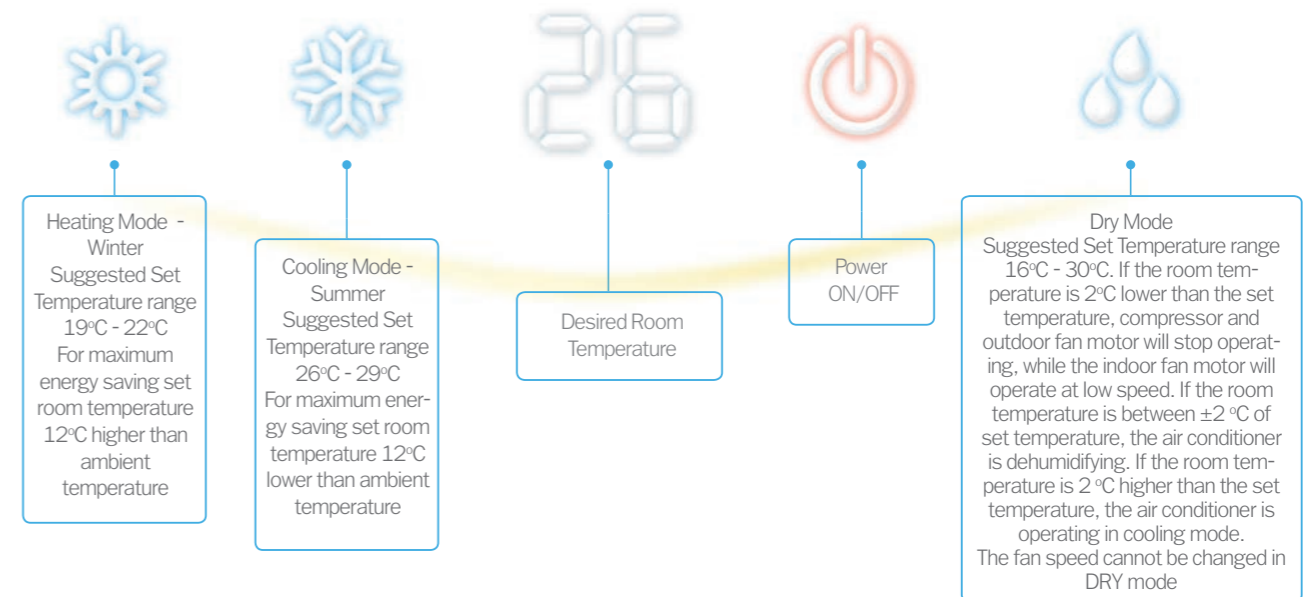
Remote Control Functions



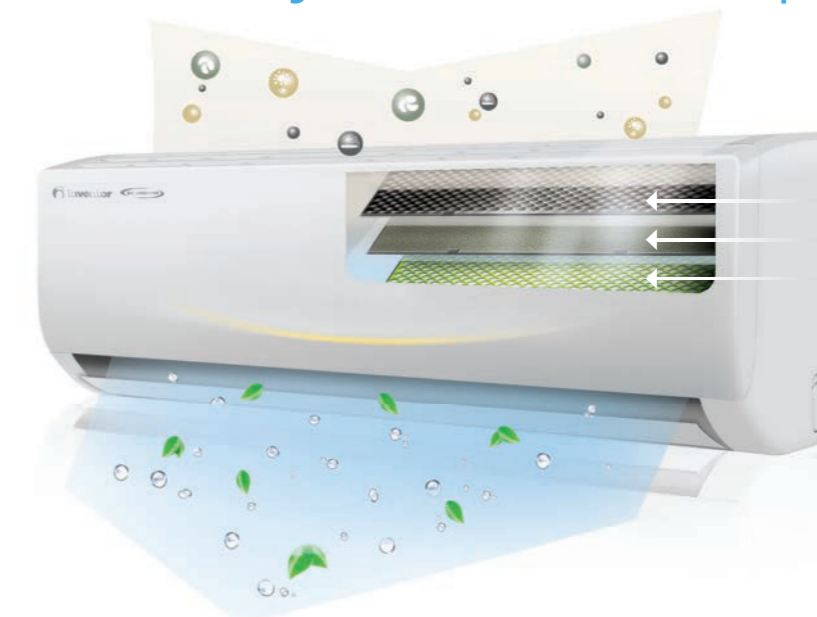
- 1 ON/OFF**
Turns the unit ON&OFF
- 2 -/+**
Increases/decreases the desired indoor room temperature
- 3 MODE**
Choose: AUTO (Adjusts the function according to the outdoor conditions)
COOL, DRY, FAN, HEAT
- 4 SWING**
Set up swing angle for greater air circulation
- 5   Health / Air Function**
Turns On/Off the Cold Plasma Ionizer
- 6 TEMP**
Shows Set Temperature (Desired) / Room Temperature / Outdoor temperature
- 7 CLOCK**
Set clock
- 8 TURBO**
TURBO function to reach the desired indoor temperature quickly
- 9 FAN**
Select Fan Speed: AUTO, LOW, MEDIUM, HIGH
- 10 IFEEL**
The indoor temperature sensor is located on the remote control, in order for the unit to operate according to your body needs
- 11 SLEEP**
Sleep mode saves energy by gradually warming (summer) or cooling (winter) the Indoor temperature, to match your body metabolism helping you sleep comfortably
- 12 TIMER ON**
Set timer on, saves energy by switching on your unit the time you need it
- 13 TIMER OFF**
Set timer off, to switch off the unit after a certain time period
- 14 BLOW / X-FAN**
The indoor fan of the unit operates for another 10 minutes in order to prevent the formation of unhealthy mold and keep the unit clean
- 15 LIGHT**
Switch display on & off



LED Display



Healthy Filters & Cold Plasma for Healthy Indoor Atmosphere



- Silver Ion Filter
- Active Carbon Filter
- Biological Antibacterial Filter

Silver Ion Filter
Silver Ion filter is able to eliminate 99% of bacteria by suppressing proliferation of mold and bacteria, preventing the causes of unpleasant odors.

Active Carbon Filter
Active carbon is an extremely absorbent element which has a dual function, physical and chemical elimination of pollutants. Due to its technological evolution, active carbon is able to absorb fast harmful gases from the environment such as petrol, formaldehyde and ammonia. The active carbon filter offers a clean, odorless and healthy environment.

Biological Antibacterial Filter
The Biological Antibacterial Filter has the ability to disinfect the air from bacteria by 95% and at the same time to collect small particles like dust and pollen from the environment. When air passes through the filter, dust and bacteria are adhered on its surface containing bio-bactericide. It stops drastically the reproduction and growth of bacteria and as a result, it completely eliminates them. It is safe and environmental friendly.

Cold Plasma
Cold Plasma is one of the most advanced air-cleaning technologies in the world. The Cold Plasma Ionizer disinfects and diminishes bad smells in the room up to 95%. Furthermore it gathers dust, pollen and other small particles that are responsible for allergies. At the same time, it generates negative ions, in order to create a safe, healthy and relaxing environment.

2013 CATALOGUE

Advanced DC Inverter technology
Energy saving and higher comfort levels

Silver Ion Filter
Eliminates 99% of bacteria by suppressing their proliferation, protects from mold creation

Blow/X-fan function
Protects the inner parts of the unit from mold and eliminates odors in cooling mode

Low voltage Start up
For minimum power consumption

Automatic voltage adaptation
For greater unit stability and durability (150V-260V)

Lower power consumption and higher efficiency
Due to the New Defrost function

Steady operation
In extreme outdoor conditions without efficiency loss

Hot Start operation
The indoor coil sensor controls the indoor fan and prevents cold air from entering the room during start up in heating mode

Auto mode
For ideal indoor environment

Led display



Perfect indoor atmosphere control!


MONTELO		A2VI-09 / A2V0-09	A2VI-12 / A2V0-12	A2VI-18 / A2V0-18	A2VI-24 / A2V0-24	
Cooling Capacity (Btu/h)		8.871 (1.700-10.920)	11.942 (3.240-13.650)	17.998 (4.300-22.500)	22.007 (5.000-24.000)	
Heating Capacity (Btu/h)		9.383 (2.730-12.000)	12.454 (3.000-14.680)	17.998 (3.800-23.200)	22.007 (5.000-27.000)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.3	6.4
		Energy Class	A++	A++	A+	A+
		SEER	6.4	6.4	5.6	5.8
	Heating (Warm Zone)	Pdesign (kW)	2.8	3.4	5.7	6.4
		Energy Class	A++	A++	A+	A+
		SCOP	4.0	4.6	4.2	4.0
	Heating (Middle Zone)	Pdesign (kW)	2.7	3.5	5.3	6.4
		Energy Class	A+	A	A	A
		SCOP	4.0	3.8	3.8	3.8
	Annual Power Consumption (kWh/annum)		852	1.035	1.900	2.240
	Voltage/ Frequency / Phase (V/Hz/Ph)		230/50/1	230/50/1	230/50/1	230/50/1
	Current Input Cooling/Heating (A)		3.50 / 3.50	5.00 / 5.00	7.19 / 7.10	8.5 / 8.5
Power Input (W)	Cooling	720 (170-1.100)	1.100 (180-1.200)	1.620 (400-2.800)	1.940 (450-3.050)	
	Heating	720 (180-1.200)	1.100 (190-1.300)	1.600 (350-2.500)	1.910 (400-2.700)	
Air flow (m³/h)		300 - 650	300 - 650	300 - 850	350 - 1.000	
Noise level dB(A)	Indoor unit High/Low	33 / 41	36 / 42	33 / 43	37 / 45	
	Outdoor unit	50	55	56	58	
Sound Power Level dB(A)	Indoor unit	58	58	57	63	
	Outdoor unit	63	63	65	70	
Compressor Type		Rotary	Rotary	Rotary	Rotary	
Liquid line / Gas line		1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"	
Dimensions WxHxD (mm)	Indoor unit	845x275x180	845x275x180	945x298x208	1.018x315x223	
	Outdoor unit	776x540x320	848x540x320	955x700x396	980x790x427	
Net weight Indoor/Outdoor (kg)		10 / 32	10 / 35	13 / 46	15.5 / 62.5	
Refrigerant		R410A/900g	R410A/1.150g	R410A/1.300g	R410A/2.000g	




With the indoor temperature sensor on the remote control (I FEEL), Cold Plasma ionizer and healthy filters, Avra Series create the perfect indoor environment. A high performance A++ DC Inverter unit for maximum economy in Heating and Cooling




Also available with red panel




Green product life cycle. Highest Environmental Performance!




Save up to 50% in energy consumption!




Economical and environment friendly operation



Effective air sterilization and odor removal



For superior indoor air quality



Precise temperature control for maximum comfort

2013 CATALOGUE

Top level DC10 Inverter technology
Offers a wider capacity range, avoids often start-ups and reaches the desired temperature faster. A high performance compressor, almost silent with reduced vibrations, for maximum energy saving and greater comfort levels

Biological Antibacterial Filter
Eliminates 95% of bacteria

Active Carbon Filter
Protects from harmful odors

Blow/X-fan function
Protects the inner parts of the unit from mold and eliminates odors in cooling mode

Low voltage Start up
For minimum power consumption

Automatic voltage adaptation
For greater unit stability and durability (150V-260V)

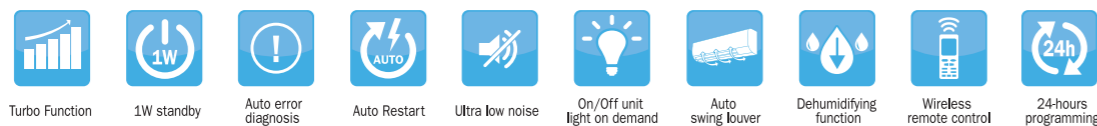
Lower power consumption and higher efficiency
Due to the New Defrost function

Steady operation
In extreme outdoor conditions without efficiency loss

Hot Start operation
The indoor coil sensor controls the indoor fan and prevents cold air from entering the room during start up in heating mode

Auto mode
For ideal indoor environment

LED Display

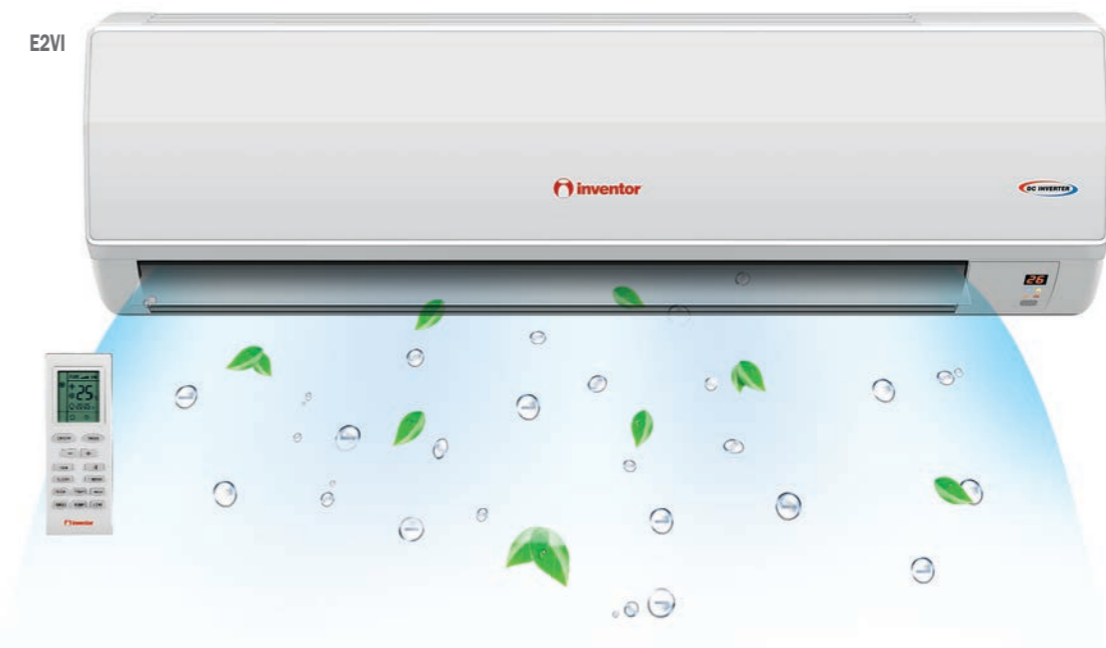


Clean air and silent operation!

MONTELO		E2VI-09 / E2V0-09	E2VI-12 / E2V0-12	E2VI-18 / E2V0-18	E2VI-24 / E2V0-24	
Cooling Capacity (Btu/h)		8.871 (1.535-11.021)	11.942 (2.047-13.512)	17.998 (4.094-21.496)	22.007 (8.632-22.349)	
Heating Capacity (Btu/h)		10.236 (1.535-13.989)	12.966 (2.047-17.503)	19.005 (3.753-21.837)	23.884 (8.632-25.931)	
Seasonal Efficiency (in accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.3	6.4
		Energy Class	A+	A	A	A
		SEER	5.6	5.1	5.4	5.1
	Heating (Warm Zone)	Annual Power Consumption (kWh/annum)	163	240	345	439
		Pdesign (kW)	2.8	3.5	5.3	6.2
		Energy Class	A+	A+	A++	A++
	Heating (Middle Zone)	SCOP	4.4	4.2	4.6	4.6
		Annual Power Consumption (kWh/annum)	891	1.149	1.611	1.852
		Pdesign (kW)	2.6	2.7	4.8	5.8
	Energy Class	Energy Class	A	A	A	A
		SCOP	3.8	3.8	3.8	3.8
	Annual Power Consumption (kWh/annum)		958	995	1.768	2.137
Voltage/ Frequency / Phase (V/Hz/Ph)		230/50/1	230/50/1	230/50/1	230/50/1	
Current Input Cooling/Heating (A)		3.8 / 4.0	5.1 / 4.9	7.1 / 7.8	9.7 / 9.8	
Power Input (W)	Cooling	870 (200-1.420)	1.150 (220-1.450)	1.600 (380-2.650)	2.180 (600-2.200)	
	Heating	900 (200-1.550)	1.100 (220-1.650)	1.750 (350-2.650)	2.220 (600-2.800)	
Air flow (m³/h)		280-600	300-680	460-800	550-1.000	
Noise level dB(A)	Indoor unit High/Low	24 / 38	25 / 39	35 / 44	39 / 47	
	Outdoor unit	51	53	55	58	
Sound Power Level dB(A)	Indoor unit	55	56	60	63	
	Outdoor unit	62	62	65	68	
Compressor Type		Rotary	Rotary	Rotary	Rotary	
Liquid line / Gas line		1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"	
Dimensions WxHxD (mm)	Indoor unit	770x283x201	770x283x201	865x305x215	1.007x315x219	
	Outdoor unit	848x540x320	848x540x320	955x700x396	980x427x790	
Net weight Indoor/Outdoor (kg)		8 / 28	9 / 30	12 / 46	14.5 / 55.5	
Refrigerant		R410A/700g	R410A/1.000g	R410A/1.300g	R410A/1.800g	



Eco Design mini split unit with silent DC 10 Inverter compressor, Healthy filters and Cold Plasma Ionizer for effective physical and chemical absorption of pollutants



Green product life cycle. Highest Environmental Performance!



Lower power consumption, higher performance, great comfort levels silently



Economical and environment friendly operation



Effective air sterilization and odor removal



For superior indoor air quality

2013 CATALOGUE

Top level DC10 Inverter technology

Offers a wider capacity range, avoids often start-ups and reaches the desired temperature faster. A high performance compressor, almost silent with reduced vibrations, for maximum energy saving and greater comfort levels

Blow/X-fan function

Protects the inner parts of the unit from mold and eliminates odors in cooling mode

Low voltage Start up

For minimum power consumption

Automatic voltage adaptation

For greater unit stability and durability (150V-260V)

Lower power consumption and higher efficiency

Due to the New Defrost function

Steady operation

In extreme outdoor conditions without efficiency loss

Hot Start operation

The indoor coil sensor controls the indoor fan and prevents cold air from entering the room during start up in heating mode

Auto mode

For ideal indoor environment

LED Display



Turbo Function



1W standby



Auto error diagnosis



Auto Restart



Ultra low noise



On/Off unit light on demand



Auto swing louver



Dehumidifying function



Wireless remote control



24-hours programming

Lower power consumption and superior performance!

MONTELO		B2VI-09 / B2V0-09	B2VI-12 / B2V0-12	B2VI-18 / B2V0-18	B2VI-24 / B2V0-24	
Cooling Capacity (Btu/h)		9.212 (1.877-10.918)	11.942 (1.740-13.307)	17.998 (4.299-22.519)	22.007 (8.632-22.349)	
Heating Capacity (Btu/h)		9.554 (2.730-12.283)	13.648 (3.003-15.013)	19.790 (3.821-23.202)	23.884 (8.632-25.931)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.2	6.4
		Energy Class	A+	A++	A+	A
		SEER	5.6	6.1	5.6	5.1
	Heating (Middle Zone)	Annual Power Consumption (kWh/annum)	168	201	325	439
		Pdesign (kW)	2.8	3.2	4.5	5.8
		Energy Class	A	A+	A	A
SCOP		3.8	4.0	3.8	3.8	
Annual Power Consumption (kWh/annum)		1.032	1.120	1.658	2.137	
Voltage/ Frequency / Phase (V/Hz/Ph)		230/50/1	230/50/1	230/50/1	230/50/1	
Current Input Cooling/Heating (A)		3.8 / 3.92	5.2 / 5.3	7.2 / 7.8	9.7 / 9.8	
Power Input (W)	Cooling	870 (250-1.360)	1.170 (230-1.400)	1.625 (380-2.650)	2.180 (600-2.200)	
	Heating	900 (200-1.400)	1.200 (250-1.450)	1.760 (350-2.650)	2.220 (600-2.800)	
Air flow (m ³ /h)		300 - 600	300 - 580	550 - 850	550 - 1.000	
Noise level dB(A)	Indoor unit High/Low	28 / 39	36 / 40	35 / 43	39 / 47	
	Outdoor unit	51	53	56	58	
Sound Power Level dB(A)	Indoor unit	54	54	58	63	
	Outdoor unit	63	63	63	68	
Compressor Type		Rotary	Rotary	Rotary	Rotary	
Liquid line / Gas line		1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"	
Dimensions WxHxD (mm)	Indoor unit	845x275x180	845x275x180	940x298x200	1.007x315x219	
	Outdoor unit	776x540x320	776x540x320	955x396x700	980x427x790	
Net weight Indoor/Outdoor (kg)		9 / 28	9 / 29	13 / 45	14 / 60	
Refrigerant		R410A / 700g	R410A / 850g	R410A / 1.350g	R410A / 1.800g	



Eco design A++ Mat Panel Air Conditioning unit for maximum performance in Heating and Cooling
The advanced DC 10 Inverter controls the speed of the compressor even in low frequencies to allow continuously regulated temperature



Green product life cycle. Highest Environmental Performance!



Lower power consumption, higher performance, great comfort levels silently



Economical and environment friendly operation



2013 CATALOGUE

Top level DC10 Inverter technology

Offers a wider capacity range, avoids often start-ups and reaches the desired temperature faster. A high performance compressor, almost silent with reduced vibrations, for maximum energy saving and greater comfort levels

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Protects the inner parts of the unit from mold and eliminates odors in cooling mode

Low voltage Start up

For minimum power consumption

Automatic voltage adaptation

For greater unit stability and durability (150V-260V)

Lower power consumption and higher efficiency

Due to the New Defrost function

Steady operation

In extreme outdoor conditions without efficiency loss

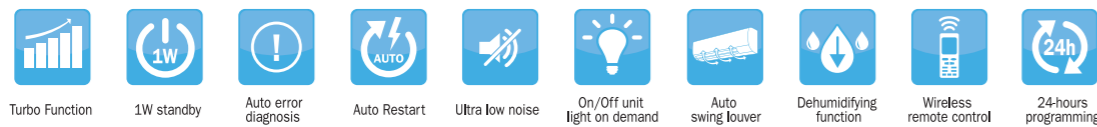
Hot Start operation

The indoor coil sensor controls the indoor fan and prevents cold air from entering the room during start up in heating mode

Auto mode

For ideal indoor environment

LED Display



Perfect Indoor environment!
Maximum Economy!

MONTEAO		C2VI-09 / C2V0-09	C2VI-12 / C2V0-12	C2VI-18 / C2V0-18	C2VI-24 / C2V0-24	
Cooling Capacity (Btu/h)		9.212 (1.877-10.918)	11.942 (1.740-13.307)	17.998 (4.299-22.519)	22.007 (8.632-22.349)	
Heating Capacity (Btu/h)		9.554 (2.730-12.283)	13.648 (3.003-15.013)	19.790 (3.821-23.202)	23.884 (8.632-25.931)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.2	6.4
		Energy Class	A+	A++	A+	A
		SEER	5.6	6.1	5.6	5.1
		Annual Power Consumption (kWh/annum)	168	201	325	439
	Heating (Middle Zone)	Pdesign (kW)	2.8	3.2	4.5	5.8
		Energy Class	A	A+	A	A
		SCOP	3.8	4.0	3.8	3.8
		Annual Power Consumption (kWh/annum)	1.032	1.120	1.658	2.137
Voltage/ Frequency / Phase (V/Hz/Ph)		230/50/1	230/50/1	230/50/1	230/50/1	
Current Input Cooling/Heating (A)		3.8 / 3.92	5.2 / 5.3	7.2 / 7.8	9.7 / 9.8	
Power Input (W)	Cooling	870 (250-1.360)	1.170 (230-1.400)	1.625 (380-2.650)	2.180 (600-2.200)	
	Heating	900 (200-1.400)	1.200 (250-1.450)	1.760 (350-2.650)	2.220 (600-2.800)	
Air flow (m ³ /h)		300 - 600	300 - 580	550 - 850	550 - 1.000	
Noise level dB(A)	Indoor unit High/Low	28 / 39	36 / 40	35 / 43	39 / 47	
	Outdoor unit	51	53	56	58	
Sound Power Level dB(A)	Indoor unit	54	54	58	63	
	Outdoor unit	63	63	63	68	
Compressor Type		Rotary	Rotary	Rotary	Rotary	
Liquid line / Gas line		1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 5/8"	
Dimensions WxHxD (mm)	Indoor unit	845x275x180	845x275x180	940x298x200	1.007x315x219	
	Outdoor unit	776x540x320	776x540x320	955x396x700	980x427x790	
Net weight Indoor/Outdoor (kg)		9 / 28	9 / 29	13 / 45	14 / 60	
Refrigerant		R410A / 700g	R410A / 850g	R410A / 1.350g	R410A / 1.800g	



Innovative, energy class A++, DC 10 Inverter Unit for maximum comfort levels efficiently and economically. Excellent performance in extreme weather conditions with lower noise levels.



Green product life cycle. Highest Environmental Performance!



Lower power consumption, higher performance, great comfort levels silently



Economical and environment friendly operation



Extreme performance!

MODEL	V1MFI-50 / V1MFO-50	V1MFI-66 / V1MFO-66
Cooling Capacity (Btu/h)	48.000	54.000
Heating Capacity (Btu/h)	52.000+12.000	58.000+12.000
Voltage/ Frequency / Phase (V/Hz/Ph)	380/50/3	380/50/3
Rated Current Cooling / Heating (A)	7.5/7.24	8.18/8.14
Power Input Cooling / Heating (W)	4.350/4.200	4.741/4.742
EER/COP	3.2 / 3.6	3.21/3.61
Air flow (m³/h)	2.300	2.300
Speeds	2	2
Noise level Indoor (db(A)) (L/H)	55/59	56/59
Noise level Outdoor (db(A))	62	63
Power Supply Wire Outdoor (Noxmm²)	5x4	5x4
Fuses (A)	3x2.5	3x2.5
Power Supply Wire Indoor (Noxmm²)	5x2.5	5x2.5
Signal Wires	4x0.5	4x0.5
Dimensions WxHxD (mm) Indoor	610x1.925x390	610x1.925x390
Dimensions WxHxD (mm) Outdoor	940x1.245x360	940x1.245x360
Net Weight Indoor / Outdoor (kg)	62/99	63/104
Liquid / Gas line	3/8" / 5/8"	3/8" / 5/8"
Refrigerant	R410A/4.000g	R410A/4.200g



Advanced DC Inverter technology
Energy saving and higher comfort levels

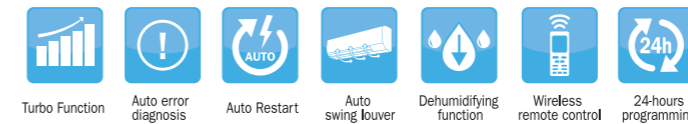
Plug-in electric heater
For higher efficiency in heating

Steady operation
In extreme outdoor conditions without efficiency loss

Hot Start operation
The indoor coil sensor controls the indoor fan and prevents cold air from entering the room during start up in heating mode

Auto mode function
For ideal indoor environment

High air flow
MITSUBISHI compressor
LCD display



V1MFI

Your professional partner!

MODEL	R1FI-50 / R1FO-50	RFI-66 / RF0-66
Cooling Capacity (Btu/h)	48.000	60.000
Heating Capacity (Btu/h)	49.000+11.942	66.000+11.942
Voltage/ Frequency / Phase (V/Hz/Ph)	380/50/3	380/50/3
Rated Current Cooling / Heating (A)	10.6/8.8	12.1/12.0
Power Input Cooling / Heating (W)	5.100/5.000	7.006/6.240
EER/COP	2.40/2.60	2.51/3.10
Air flow (m³/h)	1.600	2.000
Speeds	4	3
Noise level Indoor (db(A)) (L/H)	41 / 50	50/58
Noise level Outdoor (db(A))	59	63
Power Supply Wire Outdoor (Noxmm²)	5x4	5x4
Fuses (A)	3x20	3X16
Power Supply Wire Indoor (Noxmm²)	-	5x2.5/5x16
Signal Wires	5x2.5 & 5x1.5 & 4x1	4x1/5x1.5
Dimensions WxHxD (mm) Indoor	540x1.825x380	540x1.750x380
Dimensions WxHxD (mm) Outdoor	840x950x412	950x1.250x412
Net Weight Indoor / Outdoor (kg)	53 / 112	60/115
Liquid / Gas line	1/2" / 3/4"	1/2" / 3/4"
Refrigerant	R410A/ 4.100g	R410A/5.000g



Lower power consumption and higher efficiency
Due to the New Defrost function

Plug-in electric heater
For higher efficiency in heating

Hot Start operation
The indoor coil sensor controls the indoor fan and prevents cold air from entering the room during start up in heating mode

Auto mode function
For ideal indoor environment

High air flow
LCD display
Full protection
From phase reverse, overload and high/low refrigerant pressure



R1FI



RFI

Refrigerator - Mini Bar

Energy class A+ Adjustable thermostat Mechanical control system
Compact Design Reversible door

MODEL	INV-06FSDMB4
Capacity (L)	42
Voltage/ Frequency / Phase (V/Hz/Ph)	230/50/1
Daily Power Consumption (EN153) (kWh/24h)	0.308
Power Consumption / Year (kWh/year)	112
Energy class	A+
Noise level High (dB (A))	43
Defrost	Manual
Control system	Mechanical
Adjustable thermostat	Yes
Reversible door	Yes
Dimensions WxHxD (mm)	439x510x470
Depth with open door (mm)	880
Net weight (kg)	13.5
Refrigerant	R600a/19g

Fresh Life!



Dehumidifier

Water Level indicator Defrost indication Dehumidifier Continuous Operation
Indicates when the water tank is full During the defrost cycle Ideal for spaces that need powerful dehumidification

MODEL	DE-GDNM10	DE-GDNM12	DE-GDNM16	DE-GDNM20
Voltage/Frequency/Phase (V/Hz/Ph)	230/50/1	230/50/1	230/50/1	230/50/1
Power Input (W)	190	210	286	315
Current Input (A)	0.83	1.0	1.2	1.4
Dehumidifying Capacity (L/D)	10	12	16	20
Water Tank Volume (L)	1.8/2.4	1.8/2.4	5.5/6.5	5.5/6.5
Air flow (m³/h)	130	130	180	180
Noise level (dB (A))	48	48	50	50
Dimensions WxHxD (mm)	325x452x290	325x452x290	320x575x380	320x575x380
Net weight (kg)	10	10	13.5	13.5
Refrigerant	R134a/140g	R134a/160g	R134a/160g	R134a/180g



Humidifier Air Purifier

Silver Ion Filter
Eliminates 99% of bacteria by suppressing proliferation of mold

Filter sponge
With powerful catalytic capacity prevents secondary pollution

HIMOP Technology
It can catalyze, decompose and absorb hazardous substances

Cold Plasma
Effective sterilization with more than 90% of bacteria eliminated, odor removal, air nutrition improvement with more negative oxygen ions

Active carbon filter
Eliminates ammonia, acetic acid and other harmful gasses from the air

HEPA high efficient filter
Efficiently filtrates 99% of floating particles of 0.3 micron and above (bacteria, dead mites, dust particles, etc.), refreshing quickly the indoor atmosphere

Negative ion
Releases negative ions, refreshing air naturally

Electrostatic de-dusting technology
Effectively absorbs dust from the air. Detachable, for easy cleaning to ensure air quality

Evaporative humidifying method
Keeps indoor humidity at ideal levels

MODEL	HAP-GCF220	HAP-GCC240	HAP-GCS260
Voltage/Frequency/Phase (V/Hz/Ph)	230/50/1	230/50/1	230/50/1
Rated Power (W)	55	58	58
Air flow (m³/h)	220	240	260
Humidifying volume (ml/h)	350	380	400
Net weight (kg)	11	11	11
Dimensions WxHxD (mm)	385x278x608	385x278x608	385x278x608
Applicable room area (m²)	14	18	18



Air Purifier

Silver Ion Filter
Eliminates 99% of bacteria by suppressing proliferation of mold and bacteria

HIMOP Technology
It can catalyze, decompose and absorb hazardous substances

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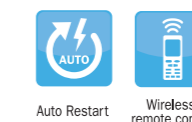
Cotton filter (3)

Host display screen

Replace LED indication
Indicates when the HIMOP + HEPA filter components need to be replaced

Clean LED indication
Indicates that the filter components need to be cleaned

MODEL	AP-GCF300
Voltage/Frequency/Phase (V/Hz/Ph)	230/50/1
Rated Power (W)	95
Rated Current (A)	0.42
Air flow SH/H/M/L (m³/h)	300/230/150/75
Noise level SH/H/M/L (dB (A))	53/48/38/28
Dimensions WxHxD (mm)	396x576x245
Net weight (kg)	10
Applicable room area (m²)	45





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Installations

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NOTES: Technical data may alter without prior notice. Please contact your dealer.

Cooling and Heating capacities refer to the following conditions:

COOLING: Room temperature: 27°C DB/19°C WB
Outdoor temperature: 35°C DB/24°C WB

HEATING: Room temperature: 20°C DB/15°C WB
Outdoor temperature: 7°C DB/6°C WB

inventor company is not responsible for any misprinted data.