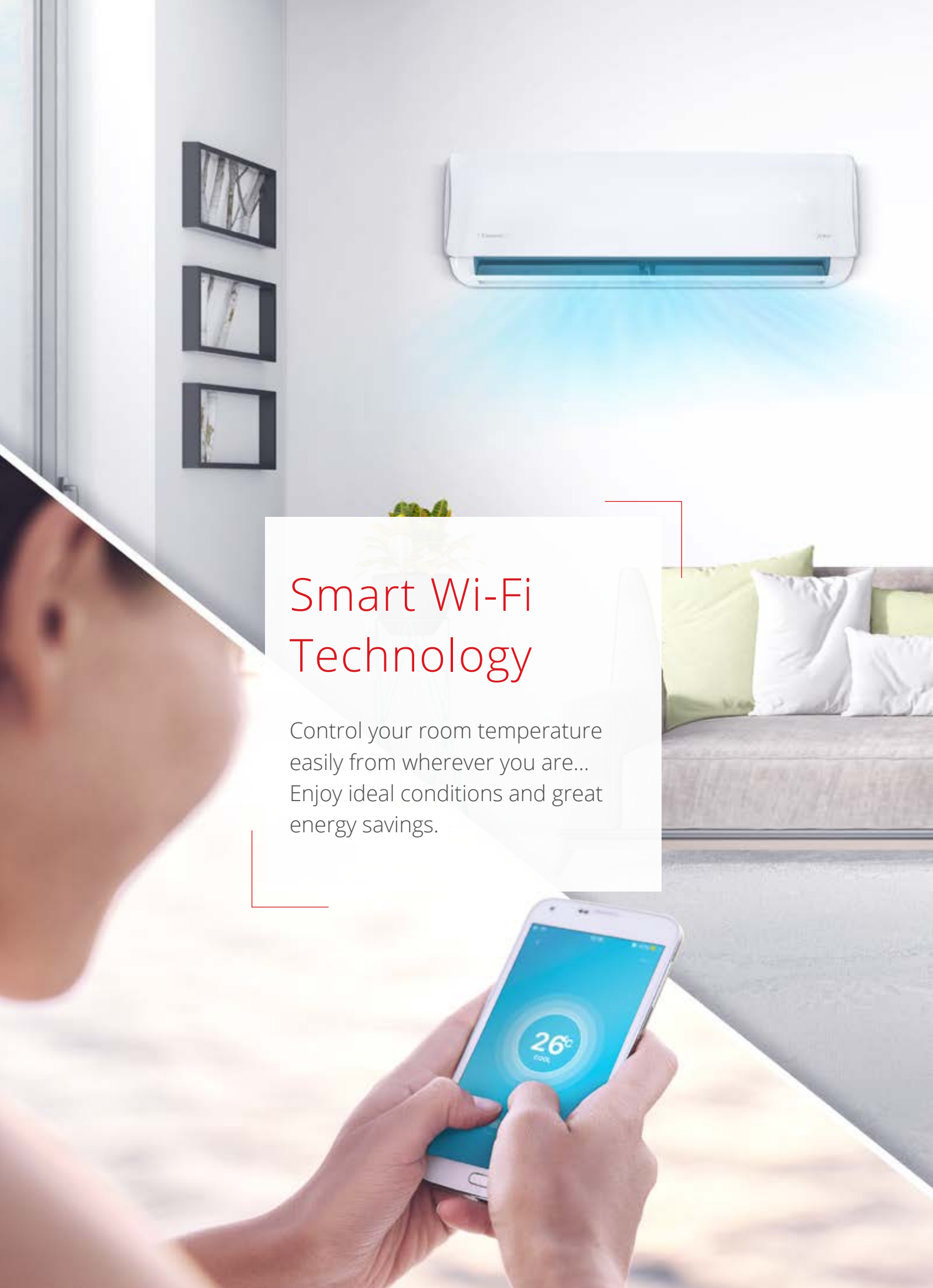




Discover Technology.

AC
Catalogue
2017



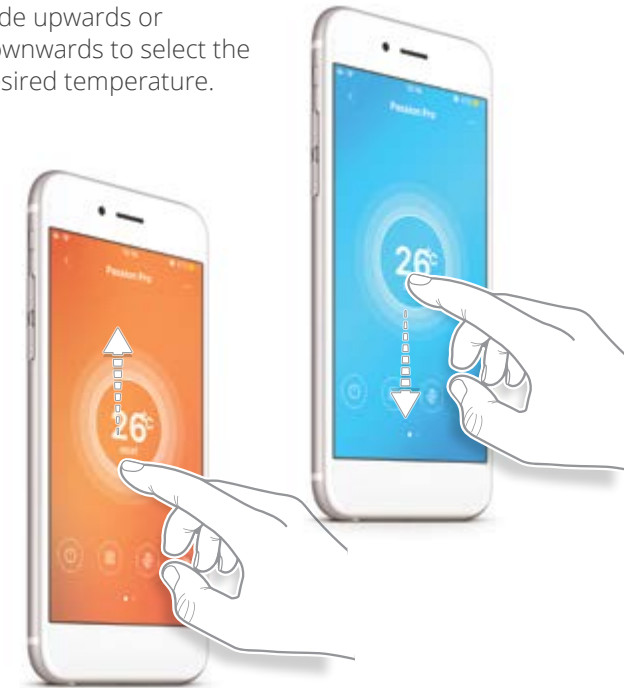


Smart Wi-Fi Technology

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.



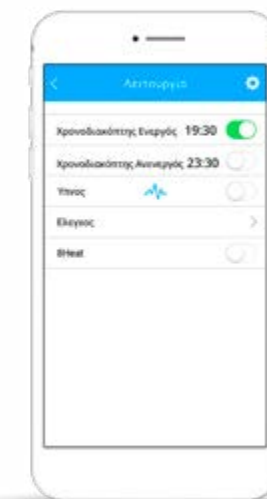
Check Diagnosis

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.



Clean Air

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

- Plasma Ionizer
- Ionizer
- Triple Action Filter
- High Density Air Dust Filter
- Sterilization HEPA Filter
- Ionizer Filter
- Filter Check
- Powerful Self-Cleaning
- Electrostatic Filter
- Photocatalyst Filter



Comfort

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

- 4 Way Air Flow
- Follow Me
- Mute Mode
- Ultra-Silence Mode
- Central Control
- Temperature Sensor Offset



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.

- Robust Outdoor Design
- Green Fin
- Excellent Heating Performance at -22°C
- Low Ambient Cooling
- R32 - New ECO Refrigerant
- Energy Saving
- Wide Operating Voltage Range



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
- Wi-Fi Standard
- Weekly Planner
- Sleep Mode
- 8°C Heating
- Anti-Cold Air Function



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** 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



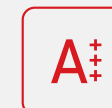
Air Conditioner Series supported by Hotel Menu

PASSION PRO II

5
YEARS WARRANTY
Classic



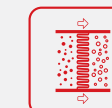
Wi-Fi Standard



Energy Class



Ionizer



Sterilization HEPA Filter



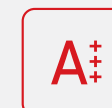
Triple Action Filter

OMNiA plus

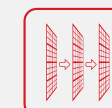
5
YEARS WARRANTY
Classic



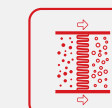
Wi-Fi Ready



Energy Class



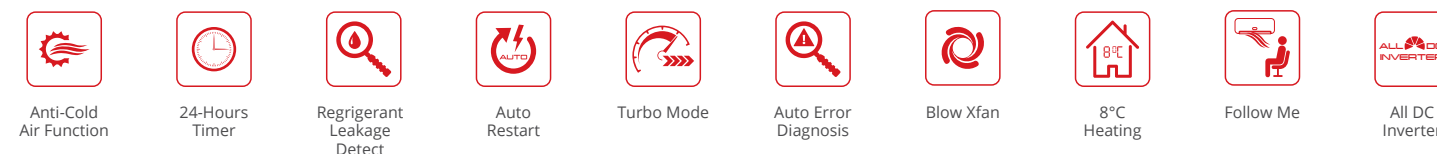
Triple Action Filter



Sterilization HEPA Filter



Ionizer



MODEL	N2VI32-09WiFi/ N2VO32-09	N2VI32-12WiFi/ N2VO32-12	N2VI32-18WiFi/ N2VO32-18	N2VI32-24WiFi/ N2VO32-24		
Cooling Capacity (Btu/h)	9.212 (3.071-12.966)	12.000 (3.400-13.000)	18.084 (4.299-22.519)	24.000 (3.700-30.900)		
Cooling Capacity (kWatt)	2.69 (0.90-3.80)	3.51 (0.99-3.81)	5.30 (1.25-6.60)	7.03 (1.08-9.05)		
Heating Capacity (Btu/h)	10.000 (2.388-15.013)	13.000 (4.100-15.010)	19.005 (3.821-23.202)	24.500 (5.800-34.600)		
Heating Capacity (kWatt)	2.93 (0.69-4.40)	3.81 (1.20-4.40)	5.57 (1.11-6.80)	7.18 (1.69-10.14)		
Seasonal Efficiency (in accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.30	6.40
		Energy Class	A+++	A+++	A++	A++
		SEER	8.50	8.50	7.60	7.00
		Annual Power Consumption (kWh/year)	111	144	244	350
	Heating (Middle Zone)	Pdesign (kW)	2.8	3.20	4.50	6.40
		Energy Class	A++	A+	A+	A+
		SCOP	4.60	4.40	4.10	4.00
		Annual Power Consumption (kWh/year)	852	1.018	1.537	2.240
	Heating (Warm Zone)	Pdesign (kW)	3.2	3.2	4.60	7.10
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.40	5.10	5.20	5.20
		Annual Power Consumption (kWh/year)	830	878	1.238	1.912
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	2.6 (0.7-6.4)	4.0(0.8-7.0)	6.9 (0.9-10.9)	9.15 (1.8-16.4)	
	Heating	2.9 (1.2-7.5)	4.5 (1.3-7.7)	6.3 (1.5-11.5)	8.44 (2.0-16.9)	
Power Input (W)	Cooling	585 (100-1.400)	950 (100-1.400)	1.550 (380-2.450)	2.000 (400-3.700)	
	Heating	650 (170-1.650)	975 (200-1.650)	1.428 (350-2.600)	1.845 (450-3.800)	
Air Flow Volume (m³/h) (Max./High/Medium/Low)	660/540/450/390	680/540/450/390	850/750/610/520	1.250/1.000/900/750		
Noise Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	24/33/37/41	25/34/37/43	34/39/43/49	36/40/44/49	
	Outdoor unit	52	53	57	60	
Sound Power Level (dB(A))	Indoor unit	56	58	58	65	
	Outdoor unit	60	62	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"		
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)	4x1.5	4x1.5	4x1.5	4x1.5		
Dimensions WxDxH (mm)	Indoor unit	865x210x290	865x210x290	996x225x301	1.101x249x327	
	Outdoor unit	848x320x596	848x320x596	955x396x700	955x396x700	
Net Weight (kg)	Indoor / Outdoor	10.5/33.5	11.0/33.5	13.5/45.0	16.5/53.0	
Refrigerant		R32/700gr	R32/750gr	R32/1.000gr	R32/1.700gr	
Outdoor Operation Temperature Range (°C)	Cooling	-15-43	-15-43	-15-43	-15-43	
	Heating	-22-24	-22-24	-22-24	-15-24	



Nemesis PRO



Wi-Fi Standard

The series of Nemesis Pro 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 Ewpe application via Google Play & App Store and achieve optimal temperature conditions with great energy savings.



R32 - New ECO Refrigerant

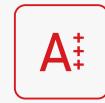
Being the pioneer in air conditioning, Inventor introduces the new R32 refrigerant in the air conditioner series, so as to give you higher comfort levels and at the same time protect the environment. The new R32 ecological refrigerant, with 68% lower global warming potential, does not adversely affect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



Excellent Heating Performance at -22°C

With the special design of the outdoor unit, which includes Chassis Heating Belt & Compressor Heating Belt, excellent heating performance is achieved, extended to -22°C and -15°C and increasing the heating capacity by 47%.

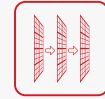




Energy Class



Ionizer



Triple Action Filter



Sterilization HEPA Filter



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



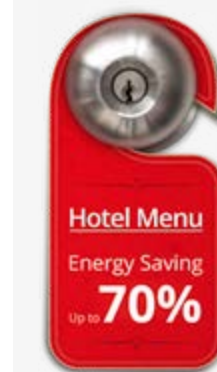
Easy Installation

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	
	Heating (Middle Zone)	Annual Power Consumption (kWh/year)	134	183	273	383	
		Pdesign (kW)	2.4	2.6	4.4	5.6	
		Energy Class	A+	A+	A+	A+	
	Heating (Warm Zone)	SCOP	4.1	4.2	4.2	4.0	
		Annual Power Consumption (kWh/year)	820	867	1.467	1.960	
		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		
Noise 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/1480g	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		



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.



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.





09/12/16/18/24K Btu/h



Energy Class



Blow Xfan



Plasma Ionizer



Smart Restart



Low Ambient Cooling



Anti-Cold Air Function



Turbo Mode



Auto Restart



24-Hours Timer



Refrigerant Leakage Detect



Auto Error Diagnosis



All DC Inverter



8°C Heating



2 Way Draining Connection

MODEL		L4VI32-09WiFi/ L4VO32-09	L4VI32-12WiFi/ L4VO32-12	L4VI32-16WiFi/ L4VO32-16	L4VI32-18WiFi/ L4VO32-18	L4VI32-24WiFi/ 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 (m ³ /h) (Max./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	
Noise 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 mm ²) / Fuses (A)		3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16	3x2.5/16	
Signal Wires (No x mm ²)		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	R32/1700g	
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	



Life PRO WiFi



Wi-Fi Ready

Set the air conditioner easily from wherever you are through your Smartphone or your Tablet. Free download the Ewpe 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.



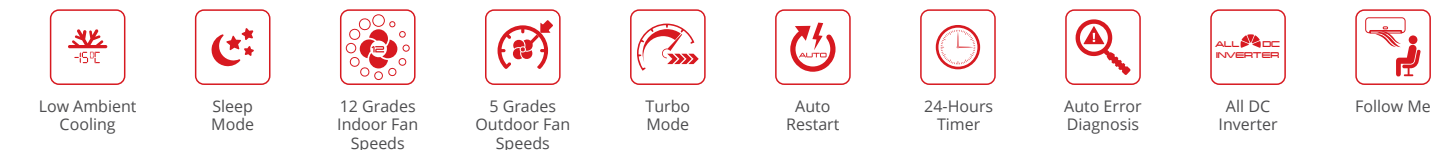
Follow Me

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.





09/12/18/24K Btu/h



MODEL		O2MVI-09WiFi/ O2MVO-09	O2MVI-12WiFi/ O2MVO-12	O2MVI-18WiFi/ O2MVO-18	O2MVI-24WiFi/ 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 (m ³ /h) (High/Medium/Low)		420/320/270	570/470/370	840/680/540	980/800/640	
Noise 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 mm ²) / Fuses (A)		3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16	
Signal Wires (No x mm ²)		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/1480g	R410A/1850g	
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-15~30	-15~30	-15~30	-15~30	



OMNiA plus



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.



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.



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.



AC Catalogue 2017



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