



inventor[®]

We invent. You live.

20 CATALOGUE 25



Air-to-Water
Heat Pumps



Residential
Air Conditioners



Commercial
Air Conditioners

We invent you live

For over 50 years, Inventor A.G. S.A. has been a cornerstone of innovation and quality in the Greek market, setting new standards in air treatment and electrical appliances. Distinguished for delivering premium products and exceptional service, Inventor has grown into a trusted global brand. With a strong presence in over 75 countries and a robust sales network, Inventor ensures seamless operations across markets. Dealers enjoy unparalleled marketing support and dedicated after-sales care, making Inventor the go-to partner for success in both B2B and B2C sectors. Our philosophy is rooted in simplifying everyday life by delivering exceptional comfort and seamless convenience for all.

In 2021 **Inventor** becomes part of the world's largest global refrigeration wholesaler, **Beijer Ref Group**.

WE DO MORE

In today's fast-paced world, our homes must be sanctuaries where we recharge and find peace. That's where Inventor comes in. With advanced technology for ultimate comfort, Inventor air conditioners effortlessly create the perfect environment for relaxation and calm.



FOR YOUR HOME

With Inventor air conditioners, enjoy effortless comfort and convenience in your home. Experience the perfect temperature all year round with zero hassle, letting you relax and live worry-free.



FOR YOUR BUSINESS

Inventor air conditioners provide businesses with limitless comfort and efficiency. With easy installation and operation, they create the perfect environment for employees and customers—no extra effort required.



FOR THE ENVIRONMENT

Save energy and protect the planet with Inventor's eco-friendly technology. A series of efficient systems deliver exceptional performance while minimizing your carbon footprint.



Eurovent certification for Inventor air conditioners!

Inventor air conditioners have been certified with the "Eurovent Certified Performance" quality mark, verifying Inventor's commitment to providing hightech and high-performance products. Inventor air conditioners are certified by Eurovent for the accuracy of their high performance, technical features, low energy consumption and low noise levels. This certification is of utmost importance since it guarantees high product quality for both partners and end consumers.



Inventor Acquires ESG Certification!



Sustainable temperature control for all! Inventor is proud to obtain the ESG certificate, manifesting the company's commitment to Environmental, Social, and Governance principles.

Inventor proudly adheres to ISO 9001, ISO 14001, ISO 45001, and ISO 27001 standards, ensuring quality excellence, environmental responsibility, occupational safety, and information security.

Heat Pumps



UPGRADE YOUR HEATING EXPERIENCE!

Inventor heat pumps simplify your life by offering the perfect balance of energy savings and easy operation. They provide heating, cooling, and domestic hot water with maximum convenience, even in extreme temperatures. With features like A+++ energy efficiency, rapid hot water production, quiet operation, and Wi-Fi control, Inventor heat pumps deliver comfort with minimal effort, letting you enjoy more and manage less. Upgrade your home's energy efficiency effortlessly with Inventor.




- 
ENERGY SAVING SOLUTION
 A+++ Energy Class, Smart Grid, Weather Temperature Setting
- 
HIGH EFFICIENCY & FLEXIBILITY
 Operation even in extreme temperatures (up to -25°C), Compressor and Chassis Heating Belt, Fast Domestic Hot Water Function
- 
TOTAL CONTROL
 Wi-Fi Standard, Modbus RTU, Weekly Scheduling and Timer
- 
EASY INSTALLATION
 Single Fan Design, Built-in Hydraulic Components, Underfloor drying operation

Monoblock Type								
	6kW	8kW	10kW	12kW	14kW	16kW	22kW	30kW
220-240/50/1		•	•	•	•	•		
220-240/50/1*	•	•	•	•	•	•		
380-415/50/3				•	•	•	•	•
380-415/50/3**				•	•	•		

Split Type							
	4kW	6kW	8kW	10kW	12kW	14kW	16kW
220-240/50/1							
220-240/50/1*	•	•	•	•	•	•	•
380-415/50/3							
380-415/50/3**					•	•	•

* integrated electrical heater 3kW | ** integrated electrical heater 9kW
 The wiring specifications for air conditioners and air-to-water heat pumps should always comply with the local regulations and requirements.

 European Keymark certification from the CEN and CENELEC organizations, ensuring that the products have been tested and comply with European quality standards.



A wide range of solutions for every space!

Model			ATS04S/HU060S3	ATS06S/HU060S3	ATS08S/HU100S3	ATS10S/HU100S3	ATS12S/HU160S3	ATS14S/HU160S3	ATS16S/HU160S3	ATS12T/HU160T9	ATS14T/HU160T9	ATS16T/HU160T9	
Heating at Ambient Temperature 7°C	Water temperature 35°C	Capacity	kW	4.25	6.20	8.30	10.0	12.1	14.5	16.0	12.1	14.5	16.0
		Rated input	kW	0.82	1.24	1.60	2.00	2.44	3.09	3.56	2.44	3.09	3.56
		COP			5.20	5.00	5.20	5.00	4.95	4.70	4.50	4.95	4.70
	Water temperature 55°C	Capacity	kW	4.40	6.00	7.50	9.50	12.0	13.8	16.0	12.0	13.8	16.0
		Rated input	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
		COP			2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00
Cooling at Ambient Temperature 35°C	Water temperature 18°C	Capacity	kW	4.50	6.55	8.40	10.00	12.00	13.50	14.90	12.00	13.50	14.90
		Rated input	kW	0.81	1.34	1.66	2.08	3.00	3.75	4.38	3.00	3.75	4.38
		EER			5.55	4.90	5.05	4.80	4.00	3.60	3.40	4.00	3.60
Cooling at Ambient Temperature 35°C	Water temperature 7°C	Capacity	kW	4.70	7.00	7.40	8.20	11.6	12.7	14.0	11.6	12.7	14.0
		Rated input	kW	1.36	2.33	2.19	2.48	4.22	4.98	5.71	4.22	4.98	5.71
		EER			3.45	3.00	3.38	3.30	2.75	2.55	2.45	2.75	2.55
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ns (%)		191	195	205	204	189	185	182	189	185	182
		class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Water outlet at 55°C	ns (%)		129	138	131	136	135	135	133	135	135	133
		class		A++	A++	A++	A++	A++	A++	A++	A++	A++	A++
SCOP (Average)	Water outlet at 35°C		4.85	4.95	5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62	
	Water outlet at 55°C		3.31	3.52	3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41	
SEER	Water outlet at 7°C		4.99	5.34	5.83	5.98	4.89	4.86	4.69	4.86	4.83	4.67	
	Water outlet at 18°C		7.77	8.21	8.95	8.78	7.1	6.9	6.75	7.04	6.85	6.71	
Power supply	V/Ph/Hz		220-240/50/1				220-240/50/1				380-415/50/3		
Auxiliary Electric Heater	kW/Ph		3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	9 / 3	9 / 3	9 / 3	
MOP/MCA	A		18/12	18/14	19/16	19/17	30/25	30/26	30/27	14/10	14/11	14/12	
Compressor	Type		Twin rotary Mitsubishi				Twin rotary Mitsubishi						
Refrigerant	Type / Charged volume (up to 15m)	kg	R32/1.50		R32/1.65		R32/1.84						
Water side heat exchanger			Plate Type						Plate Type				
Pipe size	Liquid Gas Water (inner dimension)		1/4" 5/8" R1"		3/8" 5/8" R1"		3/8" 5/8" R1"						
Indoor Fuse	No. x A		2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	4x20 (bipolar fuse kinetic)	4x20 (bipolar fuse kinetic)	4x20 (bipolar fuse kinetic)	
Outdoor Fuse	No. x A		2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x20 (bipolar fuse kinetic)	2x25 (bipolar fuse kinetic)	2x32 (bipolar fuse kinetic)	2x32 (bipolar fuse kinetic)	4x20 (quadpolar fuse kinetic)	4x20 (quadpolar fuse kinetic)	4x20 (quadpolar fuse kinetic)	
Signal Wires	No. x mm ² / No. x A		3x1.0 shielded				3x1.0 shielded						
Sound (power/pressure/pressure silent 2)	Outdoor	dB(A)	56/44/39	58/45/40	59/46/41	60/49/41	64/50/43	65/51/43	68/54/43	64/50/43	65/51/43	68/55/43	
	Indoor		38/28		42/30		43/32						
Unit dimension (W×H×D)	Outdoor	mm	1008x712x426				1118x865x523						
	Indoor		420x790x270				420x790x270						
Net weight ODU/IDU	kg		60/43		78.5/43		100/45	96/39	96/39	112/45	116/45		
Outdoor air temperature range	Cooling	°C	-5~43						-5~43				
	Heating	°C	-25~35						-25~35				
	DHW	°C	-25~43						-25~43				
Water outlet temperature range	Cooling	°C	5~25		5~30		5~30						
	Heating	°C	25~65		12~65		12~65						
	DHW (tank)	°C	30~60		10~60		10~60						

According to EU standards and legislations EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

Matrix Split Type Heat Pumps - Integrated

With integrated water tank



All-in-One design for comfort, flexibility & guaranteed performance!

Model				ATS04S		ATS06S		ATS08S		ATS10S		ATS12S	ATS14S	ATS16S	ATS12T	ATS14T	ATS16T			
Hydro unit				HU100WT190S3	HU100WT240S3*	HU100WT190S3	HU100WT240S3*	HU100WT190S3	HU100WT240S3*	HU100WT190S3	HU100WT240S3*	HU160WT240S3	HU160WT240S3	HU160WT240S3	HU160WT240T9	HU160WT240T9	HU160WT240T9			
Heating at Ambient Temperature 7°C	Water temperature 35°C	Capacity	kW	4.25	4.25	6.20	6.20	8.30	8.30	10.00	10.00	12.10	14.50	16.00	12.10	14.50	16.00			
		Rated input	kW	0.82	0.82	1.24	1.24	1.60	1.60	2.00	2.00	2.44	3.09	3.56	2.44	3.09	3.56			
		COP		5.20	5.20	5.00	5.00	5.20	5.20	5.00	5.00	4.95	4.70	4.50	4.95	4.70	4.50			
	Water temperature 55°C	Capacity	kW	4.40	4.40	6.00	6.00	7.50	7.50	9.50	9.50	11.90	13.80	16.00	11.90	13.80	16.00			
		Rated input	kW	1.49	1.49	2.03	2.03	2.36	2.36	3.06	3.06	3.87	4.60	5.52	3.87	4.60	5.52			
		COP		2.95	2.95	2.95	2.95	3.18	3.18	3.10	3.10	3.05	2.95	2.85	3.05	2.95	2.85			
Cooling at Ambient Temperature 35°C	Water temperature 18°C	Capacity	kW	4.50	4.50	6.55	6.55	8.40	8.40	10.00	10.00	12.00	13.50	14.20	12.00	13.50	14.20			
		Rated input	kW	0.81	0.81	1.34	1.34	1.66	1.66	2.08	2.08	3.00	3.74	3.94	3.00	3.74	3.94			
		EER		5.55	5.55	4.90	4.90	5.05	5.05	4.80	4.80	4.00	3.61	3.61	4.00	3.61	3.61			
	Water temperature 7°C	Capacity	kW	4.70	4.70	7.00	7.00	7.40	7.40	8.20	8.20	11.60	12.70	14.00	11.60	12.70	14.00			
		Rated input	kW	1.36	1.36	2.33	2.33	2.19	2.19	2.48	2.48	4.22	4.98	5.71	4.22	4.98	5.71			
		EER		3.45	3.45	3.00	3.00	3.38	3.38	3.30	3.30	2.75	2.55	2.45	2.75	2.55	2.45			
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ns (%)		191	191	195	195	205.60	205.60	204.80	204.80	189.40	185.70	181.70	189.30	185.60	181.60			
		class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++			
	Water outlet at 55°C	ns (%)		129.5	129.5	137.9	137.9	131.50	131.50	136.60	136.60	135.10	135.60	133.30	135.10	135.60	133.20			
		class		A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++			
SCOP (Average)	Water outlet at 35°C		4.85	4.85	4.95	4.95	5.22	5.22	5.20	5.20	4.81	4.81	4.72	4.72	4.62	4.62				
	Water outlet at 55°C		3.31	3.31	3.52	3.52	3.36	3.36	3.49	3.49	3.45	3.45	3.47	3.47	3.41	3.41				
SEER	Water outlet at 7°C		4.98	4.98	5.31	5.31	5.83	5.83	5.96	5.96	4.93	4.81	4.60	4.83	4.79	4.58				
	Water outlet at 18°C		7.77	7.77	8.25	8.25	8.95	8.95	8.80	8.80	7.14	6.86	6.67	7.00	6.81	6.63				
Power supply	V/Hz/Ph	220-240/50/1						220-240/50/1						380-415/50/3						
Auxiliary Electric Heater	kW/Ph	3 / 1						3 / 1						9 / 3						
MOP/MCA	A	18/12		18/14		19/16		19/17		30/25	30/26	30/27	14/10	14/11	14/12					
Compressor	Type	Twin rotary Mitsubishi																		
Refrigerant	Type / Charged volume (up to 15m)	R32/1.50				R32/1.65				R32/1.65				R32/1.84						
Water side heat exchanger		Plate Type																		
Water side connection (inner dimension)	inch	1/4" 5/8" R1"				3/8" 5/8" R1"				3/8" 5/8" R1"										
Indoor Fuse	No. x A	2x20 (bipolar fuse kinetic)						2x20 (bipolar fuse kinetic)						4x16 (quadpolar fuse kinetic)						
Outdoor Fuse	No. x A	2x20 (bipolar fuse kinetic)						2x20 (bipolar fuse kinetic)		2x25 (bipolar fuse kinetic)		2x32 (bipolar fuse kinetic)		4x16 (quadpolar fuse kinetic)						
Power Supply Wire	No. x mm ² / No. x A	3x1.0 shielded						3x1.0 shielded												
Sound (power/pressure/pressure silent 2)	Outdoor	56/44/39		58/45/40		59/46/41		60/49/41		64/50/43	65/51/43	68/54/43	64/50/43	65/51/43	68/55/43					
	Indoor	38/22		38/24		40/22		40/22		42/24	44/25	44/24	42/24	44/25	44/24					
Unit dimension (W×H×D)	Outdoor	1.008x712x426						1.118x865x523						1.118x865x523						
	Indoor	600x1683x600	600x1943x600	600x1683x600	600x1943x600	600x1683x600	600x1943x600	600x1683x600	600x1943x600	600x1683x600	600x1943x600	600x1943x600		600x1943x600						
Net weight Outdoor/Indoor	kg	58/140	58/157	58/140	58/157	75/140	75/157	75/140	75/157	75/140	75/157	97/159		112/159						
DHW Water tank	Liters	L	190	240	190	240	190	240	190	240	240		240							
	Maximun Water Temp (Disinfection mode)	°C	70						70						70		70			
	Maximun Water Pressure	bar	10						10						10		10			
	Material		Stainless steel						Stainless steel											
Outdoor air temperature range	Cooling	°C	-5~43						-5~43											
	Heating	°C	-25~35						-25~35											
	DHW	°C	-25~43						-25~43											
Water outlet temperature range	Cooling	°C	5~25						5~25											
	Heating	°C	25~65						25~65											
	DHW (tank)	°C	30~60						30~60											

According to EU standards and legislations
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

*Available for FOB orders only
Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

Matrix Monoblock Type Heat Pumps
With integrated electric heater



High performance, energy saving & ideal conditions!

Model			ATMH06S3	ATMH08S3	ATMH10S3	ATMH12S3	ATMH14S3	ATMH16S3	ATMH12T9	ATMH14T9	ATMH16T9	
Heating at Ambient Temperature 7°C	Water temperature 35°C	Capacity	kW	6.35	8.40	10.0	12.1	14.5	15.9	12.1	14.5	15.9
		Rated input	kW	1.28	1.63	2.02	2.44	3.15	3.53	2.44	3.15	3.53
		COP			4.95	5.15	4.95	4.95	4.60	4.50	4.95	4.60
	Water temperature 55°C	Capacity	kW	6.00	7.50	9.50	11.9	13.8	16.0	11.9	13.8	16.0
		Rated input	kW	2.03	2.36	3.06	3.90	4.68	5.61	3.90	4.68	5.61
		COP			2.95	3.18	3.10	3.05	2.95	2.85	3.05	2.95
Cooling at Ambient Temperature 35°C	Water temperature 18°C	Capacity	kW	6.50	8.30	9.90	12.00	13.50	14.90	12.00	13.50	14.90
		Rated input	kW	1.35	1.64	2.18	3.04	3.75	4.38	3.04	3.75	4.38
		EER			4.80	5.05	4.55	3.95	3.60	3.40	3.95	3.60
Cooling at Ambient Temperature 35°C	Water temperature 7°C	Capacity	kW	7.00	7.45	8.20	11.5	12.4	14.0	11.5	12.4	14.0
		Rated input	kW	2.33	2.22	2.52	4.18	4.96	5.60	4.18	4.96	5.60
		EER			3.00	3.35	3.25	2.75	2.50	2.50	2.75	2.50
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ns (%)		195	205	204	189	185	181.7	189	185	181.6
		class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Water outlet at 55°C	ns (%)		138	131	136	135	135	133.3	135	135	133
		class		A++	A++	A++	A++	A++	A++	A++	A++	A++
SCOP (Average)	Water outlet at 35°C		4.95	5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62	
	Water outlet at 55°C		3.52	3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41	
SEER	Water outlet at 7°C		5.34	5.83	5.98	4.89	4.86	4.69	4.86	4.83	4.67	
	Water outlet at 18°C		8.21	8.95	8.78	7.1	6.9	6.75	7.04	6.85	6.71	
Power supply	V/Ph/Hz	220-240/50/1					220-240/50/1			380-415/50/3		
Auxiliary Electric Heater	kW/Ph	3 / 1					3 / 1			9 / 3		
MOP/MCA	A	18/14	19/16	19/17	30/25	30/26	30/27	14/10	14/11	14/12		
Compressor	Type	Twin rotary Mitsubishi					Twin rotary Mitsubishi					
Refrigerant	Type / Charged volume	R32/1.40			R32/1.75		R32/1.75					
Water side heat exchanger		Plate Type					Plate Type					
Water side connection (inner dimension)	inch	R1"				R 1-1/4"						
Fuse	No. x A	2x32 (bipolar fuse kinetic)					2x50 (bipolar fuse kinetic)	2x32 (bipolar fuse kinetic)	4x25 (quadpolar fuse kinetic)			
sound (power/pressure/pressure silent 2)	dB(A)	58/47.5/40	59/48.5/41	60/50.5/41	65/53/43	65/53.5/43	69/57.5/43	65/53.5/43	65/54/43	69/58/43		
Unit dimension (W×H×D)	mm	1295x718x429	1385×865×526			1385×865×526						
Net weight	kg	91	110		134	134			149			
Outdoor air temperature range	Cooling	°C	-5~43					-5~43				
	Heating	°C	-25~35					-25~35				
	DHW	°C	-25~43					-25~43				
Water outlet temperature range	Cooling	°C	5~30					5~30				
	Heating	°C	12~65					12~65				
	DHW (tank)	°C	10~60					10~60				

According to EU standards and legislations
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

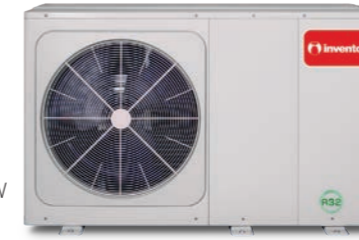
Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

Matrix Monoblock Type Heat Pumps
Without integrated electric heater



High Technology, maximum efficiency and money saving!

8-16kW



22-30kW



Model			ATM08S	ATM10S	ATM12S	ATM14S	ATM16S	ATM12T	ATM14T*	ATM16T	ATM22T	ATM30T		
Heating at Ambient Temperature 7°C	Water temperature 35°C	Capacity	kW	8.40	10.0	12.1	14.5	15.9	12.1	14.5	15.9	22	30	
		Rated input	kW	1.63	2.02	2.44	3.15	3.53	2.44	3.15	3.53	5.00	7.70	
		COP		5.15	4.95	4.95	4.60	4.50	4.95	4.60	4.50	4.40	3.91	
	Water temperature 55°C	Capacity	kW	7.50	9.50	11.9	13.8	16.0	11.9	13.8	16.0	22	30	
		Rated input	kW	2.36	3.06	3.90	4.68	5.61	3.90	4.68	5.61	8.30	13.04	
		COP		3.18	3.10	3.05	2.95	2.85	3.05	2.95	2.85	2.65	2.30	
Cooling at Ambient Temperature 35°C	Water temperature 18°C	Capacity	kW	8.30	9.90	12.00	13.50	14.90	12.00	13.50	14.90	21	30	
		Rated input	kW	1.64	2.18	3.04	3.75	4.38	3.04	3.75	4.38	7.12	11.57	
		EER		5.05	4.55	3.95	3.60	3.40	3.95	3.60	3.40	2.95	2.55	
Cooling at Ambient Temperature 35°C	Water temperature 7°C	Capacity	kW	7.45	8.20	11.5	12.4	14.0	11.5	12.4	14.0	23	31	
		Rated input	kW	2.22	2.52	4.18	4.96	5.60	4.18	4.96	5.60	5.00	7.75	
		EER		3.35	3.25	2.75	2.50	2.50	2.75	2.50	2.50	4.60	4.00	
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ns (%)		205	204	189	185	181.7	189	185	181.6	178.1	164.5	
		class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A++	
	Water outlet at 55°C	ns (%)		131	136	135	135	133.3	135	135	133	125.8	122.5	
		class		A++	A++	A++	A++	A++	A++	A++	A++	A++	A+	
SCOP (Average)	Water outlet at 35°C		5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62	4.53	4.19		
	Water outlet at 55°C		3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41	3.22	3.14		
SEER	Water outlet at 7°C		5.83	5.98	4.89	4.86	4.69	4.86	4.83	4.67	4.70	4.49		
	Water outlet at 18°C		8.95	8.78	7.1	6.9	6.75	7.04	6.85	6.71	5.67	5.71		
Power supply	V/Ph/Hz	220-240/50/1					220-240/50/1			380-415/50/3				
Auxiliary Electric Heater	kW/Ph	-												
MOP/MCA	A	19/16	19/17	30/25	30/26	30/27	14/10	14/11	14/12	21/24.5	28/28.5			
Compressor	Type	Twin rotary Mitsubishi					Twin rotary Mitsubishi							
Refrigerant	Type / Charged volume	kg	R32/1.40		R32/1.75		R32/1.75			R32/5.00				
Water side heat exchanger		Plate Type					Plate Type							
Water side connection (inner dimension)	inch	R 1-1/4"					R 1-1/4"							
Fuse	No. x A	2x20 (bipolar fuse kinetic)		2x25 (bipolar fuse kinetic)	2x32 (bipolar fuse kinetic)	2x25 (bipolar fuse kinetic)	4x20 (quadpolar fuse kinetic)			4x25 (quadpolar fuse kinetic)	4x32 (quadpolar fuse kinetic)			
sound (power/pressure/pressure silent 2)	dB(A)	59/48.5/41	60/50.5/41	65/53/43	65/53.5/43	69/57.5/43	65/53.5/43	65/54/43	69/58/43	73/59.8/54	77/63.5/57			
Unit dimension (W×H×D)	mm	1385×865×526			1385×865×526		1385×865×526			1129×1558×440				
Net weight	kg	105		129	129	129	144			177				
Outdoor air temperature range	Cooling	°C	-5~43					-5~43					-5~46	
	Heating	°C	-25~35					-25~35					-25~35	
	DHW	°C	-25~43					-25~43					-25~43	
Water outlet temperature range	Cooling	°C	5~30					5~30					5~25	
	Heating	°C	12~65					12~65					25~60	
	DHW (tank)	°C	10~60					10~60					30~60	

According to EU standards and legislations
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

*Available for FOB orders only
Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

X-Force Monoblock Type Heat Pumps
With integrated electric heater



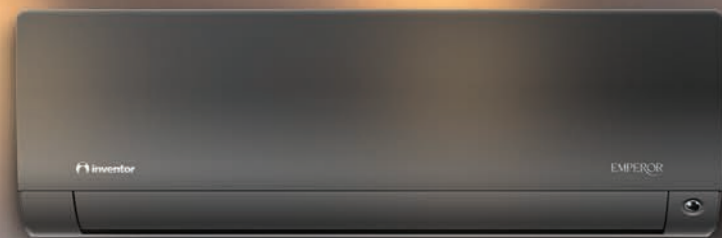
Advanced design, high performance, and complete customization to meet your needs!

Model Name			XFMH06S3*	XFMH08S3	XFMH10S3	XFMH12S3	XFMH14S3*	XFMH16S3	XFMH12T9	XFMH14T9	XFMH16T9	
Heating at Ambient Temperature 7°C	Water temperature 35°C	Capacity	kW	6,0	7,9	10,2	12,1	14,5	15,9	12	14	15,91
		Rated input	kW	1,17	1,76	2,04	2,57	2,99	3,46	2,57	2,99	3,46
		COP		5,13	4,50	5,01	4,70	4,84	4,60	4,70	4,84	4,65
	Water temperature 55°C	Capacity	kW	6,09	7,7	9,6	12,3	13,8	15,8	12	14	15,8
		Rated input	kW	2,13	2,98	3,22	4,44	4,42	6,12	4,44	4,52	6,12
		COP		2,86	2,58	2,98	2,77	3,12	2,58	2,77	3,12	2,58
Cooling at Ambient Temperature 35°C	Water temperature 18°C	Capacity	kW	6,18	8,20	10,10	11,90	14,14	15,72	12	14	15,72
		Rated input	kW	1,26	1,75	2,42	2,72	3,10	4,03	2,72	3,10	4,03
		EER		4,91	4,65	4,14	4,36	4,56	3,90	4,36	4,56	3,9
Cooling at Ambient Temperature 35°C	Water temperature 7°C	Capacity	kW	6,27	7,6	8,8	11,6	14,3	15,9	12	14	16
		Rated input	kW	1,99	2,55	2,97	4,14	5,11	6,12	4,14	5,11	6,12
		EER		3,14	2,97	2,96	2,80	2,80	2,61	2,80	2,80	2,61
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ns (%)	199	183	206	189	181	183	188	184	192	
		class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	
	Water outlet at 55°C	ns (%)	138	131	139	138	137	148	141	142	143	
		class	A++	A++	A++	A++	A++	A++	A++	A++	A++	
SCOP (Average)	Water outlet at 35°C		5,05	4,62	4,86	4,65	4,56	4,65	4,77	4,67	4,87	
	Water outlet at 55°C		3,52	3,32	3,51	3,37	3,45	3,57	3,65	3,62	3,6	
SEER	Water outlet at 7°C		5,27	5,17	4,66	5,02	4,76	4,63	5,45	5,59	5,38	
	Water outlet at 18°C		8,77	8,31	8,23	8,15	6,72	6,51	8,29	8,33	8,26	
Power supply		V/Ph/Hz	220-240 / 1 / 50				220-240 / 1 / 50			380-415 / 3~ / 50		
Auxiliary Electric Heater		kW/Ph	3kw/ 1Ph				3kw/ 1Ph			9kw/ 3Ph		
MOP/MCA		A	38 / 27	38 / 29	38 / 32	48 / 39	48 / 40	48 / 40	30 / 24	30 / 25	30 / 26	
Compressor		Type	Twin rotary DC inverter				Twin rotary DC inverter					
Refrigerant		Type / Charged volume	kg	R32/ 1.03	R32/ 1.3	R32/ 1.5	R32/ 1.75	R32/ 2.1		R32/ 1.75	R32/ 2.1	
Water side heat exchanger		Plate heat exchanger				Plate heat exchanger						
Water side connection		inch	R 1				R 1					
Fuse		No. x A	2X32 (bipolar fuse kinetic)			2X50 (bipolar fuse kinetic)	2X50 (bipolar fuse kinetic)		4X25 (quadpolar fuse kinetic)		4X32 (quadpolar fuse kinetic)	
Sound (power/pressure/power silent mode)		dB(A)	58 / 48 / 46	59 / 49 / 46	60 / 50 / 47	64 / 54 / 48	65 / 55/ 51	68 / 58 / 54	64 / 54 / 48	65 / 55/ 51	68 / 58/ 54	
Unit dimension (W×H×D)-Net		mm	1125×370×710	1125×370×710	1135×396×803	1135×396×803	1203×436×860	1203×436×860	1135×370×803	1203×435×860	1203×435×860	
Unit dimension (W×H×D)-Parking		mm	1195×440×865	1195×440×865	1260×488×982	1260×488×982	1285*495*1040	1285*495*1040	1260×488×982	1285*495*1040	1285*495*1040	
Net/gross weight(kg)		kg	78/93	80/97	93/108	97/115	117/136	117/136	109/126	131/150	131/150	
Outdoor air temperature range	Cooling	°C	-5 to 43				-5 to 43					
	Heating	°C	-25 to 35				-25 to 35					
	DHW	°C	-25 to 43				-25 to 43					
Water outlet temperature range	Cooling	°C	7 to 30				7 to 30					
	Heating	°C	12 to 65				12 to 65					
	DHW (tank)	°C	10 to 60				10 to 60					

According to EU standards and legislations
EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207/02.

*Available for FOB orders only
Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

Wall Mounted Air Conditioners



TECHNOLOGY FOR EASY LIVING!

Inventor air conditioners combine advanced technology with exceptional reliability, to deliver excellence in both summer heat and winter cold. Featuring smart functions and eco-friendly, energy-saving solutions, they ensure optimal comfort with minimal impact on the environment. The refined, high-standard design is enhanced with Wi-Fi connectivity, giving you absolute control at your fingertips. Experience superior air quality and perfectly balanced temperatures, tailored to your needs. With Inventor's innovative technology, creating your ideal environment has never been easier—unlock the comfort of a better life today!



MAXIMIZING COMFORT WITH ENERGY-EFFICIENT AIR CONDITIONING!

Experience the perfect balance of comfort and sustainability with our energy-efficient air conditioners. Designed to provide optimal cooling and heating while minimizing energy consumption, our systems not only keep your space at the ideal temperature, but also help you save on energy costs. Make the smart choice for both your wallet and the planet!



TECHNOLOGY IN THE PALM OF YOUR HAND WITH INVENTOR CONTROL!

Take full control of your air conditioner anytime, anywhere with the Inventor Control app. Effortlessly manage your unit using voice commands or smart scenarios tailored to your daily routine. Enjoy ultimate comfort without even leaving your couch, saving time and energy while making your life simpler and more efficient.

Get connected in just 4 simple steps!

Download the app



iOS



Android



Inventor Control APP is compatible with Google Assistant*, Amazon Alexa** and Siri Shortcuts.

* Google is a trademark of Google LLC. Google Assistant is not available in certain languages and countries.

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Aria



Sterilization
HEPA Filter



Triple Action
Filter



Follow Me



8°C Heating



Model		AR5VI-09WFI/ AR5VO-09	AR5VI-12WFI/ AR5VO-12	AR5VI-18WFI/ AR5VO-18	AR5VI-24WFI/ AR5VO-24	
Cooling Capacity (Btu/h)		9.000 (3.500-11.000)	12.000 (2.800-14.200)	18.000 (11.570-20.130)	24.000 (7.200-28.000)	
Cooling Capacity (kWatt)		2.64 (1.03-3.22)	3.52 (0.82-4.16)	5.28 (3.39-5.90)	7.03 (2.11-8.21)	
Heating Capacity (Btu/h)		10.000 (2.800-11.500)	13.000 (2.900-16.300)	19.000 (10.580-19.960)	25.000 (5.300-28.000)	
Heating Capacity (kWatt)		2.93 (0.82-3.37)	3.81 (0.85-4.78)	5.57 (3.10-5.85)	7.33 (1.55-8.21)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.3	7.0
		Energy Class	A++	A++	A++	A++
		SEER	6.9	7.0	7.0	6.5
		Annual Power Consumption (kWh/year)	137	175	265	377
	Heating (Middle Zone)	Pdesign (kW)	2.7	2.9	4.1	4.9
		Energy Class	A+	A+	A+	A+
		SCOP	4.0	4.1	4.1	4.0
		Annual Power Consumption (kWh/year)	946	992	1.401	1.717
	Heating (Warm Zone)	Pdesign (kW)	2.5	2.5	4.5	5.3
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.3	5.4	5.1	5.1
		Annual Power Consumption (kWh/year)	661	649	1.308	1.545
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	3.22 (0.35-4.78)	4.96 (0.40-6.90)	6.70 (2.40-9.00)	10.90 (1.80-13.90)	
	Heating	3.40 (0.32-4.32)	4.68 (0.70-7.40)	6.50 (3.40-8.70)	9.30 (1.30-13.50)	
Power Input (kW)	Cooling	0.74 (0.08-1.10)	1.09 (0.10-1.60)	1.55 (0.56-2.05)	2.51 (0.42-3.20)	
	Heating	0.78 (0.07-0.99)	1.05 (0.16-1.71)	1.50 (0.78-2.00)	2.13 (0.30-3.10)	
Air Flow Volume (High/Medium/Low) (m³/h)		416/309/230	584/477/395	730/500/420	1020/830/640	
Noise Level [dB(A)]	Indoor unit (Silent/Low/Medium/High)	23/26/32/39	23/26/32/39	23/28/33.5/43	25/30.5/41.0/47	
	Outdoor unit	56	56	55.5	60.5	
Sound Power Level [dB(A)]	Indoor unit	56	55	57	64	
	Outdoor unit	63	63	65	67	
Dehumidifying Volume	L/h	1.2	1.6	2.0	2.8	
	L/day	28.8	38.4	48.0	67.2	
Compressor		ROTARY	ROTARY	ROTARY	ROTARY	
Liquid line Gas line		1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"	
Fuses (A)		10	10	16	16	
Signal Wires (Noxmm²)		5x1.5	5x1.5	5x1.5	5x2.5	
Dimensions (MxBxY) (mm)	Indoor unit	722x187x290	802x189x297	965x215x319	1.080x226x335	
	Outdoor unit	720x270x495	720x270x495	805x330x554	890x342x673	
Net Weight (kg)		7.3/23.2	8.6/23.2	10.9/33.5	13.7/43.9	
Refrigerant/Charge (g)		R32/550	R32/550	R32/1.100	R32/1.450	
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-15~24	-15~24	-15~24	-15~24	

Supreme comfort and maximum protection!



IONIZER

The Ionizer ensures the removal of malicious floating particles, such as germs, bacteria, viruses, smoke, dust, odors etc. in a natural and effective way, and offers supreme air purity that inspires a sense of freshness and relieves you of the disturbing consequences of a poor-quality indoors atmosphere.



HM HOTEL MENU

Inventor air conditioners present the innovative air-conditioning unit management function «HOTEL MENU». It includes a set of features specifically designed to help optimized and more economical operation of air conditioners in professional spaces. An ideal solution for hotel units!



4D 4 WAY AIR FLOW

Ensure even distribution of air in all directions and cover even the most difficult parts of the room. The design of the series of air conditioners allows both horizontal and vertical movement of the blinds. Enjoy absolute comfort in every part of your home.

neo



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Wi-Fi Standard



Ultraviolet Technology Type C & Ionizer



ECO Mode



Model		N2UVI-09WFI/ N2UVO-09	N2UVI-12WFI/ N2UVO-12	N2UVI-18WFI/ N2UVO-18	N2UVI-24WFI/ N2UVO-24	
Cooling Capacity (Btu/h)		9.000 (3.100-11.600)	12.000 (3.800-14.200)	18.000 (6.600-21.400)	24.000 (10.300-30.000)	
Cooling Capacity (kWatt)		2.64 (0.91-3.40)	3.52 (1.11-4.16)	5.28 (1.82-6.15)	7.03 (2.08-7.91)	
Heating Capacity (Btu/h)		10.000 (2.800-11.500)	13.000 (3.700-14.400)	19.000 (4.400-23.900)	25.000 (5.200-32.300)	
Heating Capacity (kWatt)		2.93 (0.82-3.37)	3.81 (1.08-4.22)	5.57 (1.29-6.74)	7.33 (1.61-7.91)	
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	7.0	6.4
		Annual Power Consumption (kWh/year)	146	201	265	383
	Heating (Middle Zone)	Pdesign (kW)	2.3	2.5	4.2	4.9
		Energy Class	A	A+	A+	A+
		SCOP	3.8	4.0	4.0	4.0
		Annual Power Consumption (kWh/year)	846	876	1.470	1.715
	Heating (Warm Zone)	Pdesign (kW)	2.1	2.4	4.5	5.3
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.1	5.1
		Annual Power Consumption (kWh/year)	577	659	1.235	1.455
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	3.47 (0.4-5.4)	5.38 (0.5-6.9)	6.70 (0.7-9.8)	10.50 (1.4-15.0)	
	Heating	3.53 (0.5-5.2)	4.42 (0.4-6.9)	7.10 (0.95-10.2)	9.30 (1.3-13.7)	
Power Input (W)	Cooling	0.80 (0.10-1.24)	1.24 (0.13-1.58)	1.55 (0.15-2.25)	2.42 (0.34-3.45)	
	Heating	0.81 (0.12-1.20)	1.02 (0.10-1.68)	1.63 (0.22-2.35)	2.13 (0.30-3.15)	
Air Flow Volume (High/Medium/Low) (m³/h)		451/325/255	575/493/454	800/600/500	1.090/770/610	
Noise Level [dB(A)]	Indoor unit (Silent/Low/Medium/High)	20/25.5/29/37	21/25/29/37.5	20/31/37/41	21/34.5/37/46	
	Outdoor unit	55.5	55.5	56	62	
Sound Power Level [dB(A)]	Indoor unit	54	56	56	62	
	Outdoor unit	62	64	65	67	
Dehumidifying Volume	(L/h)	1.2	1.6	2.0	2.8	
	(L/day)	28.8	38.4	48.0	67.2	
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"	
Fuses (A)		10	10	16	16	
Signal Wires (Noxmm²)		5x1.5	5x1.5	5x1.5	5x2.5	
Dimensions (WxDxH) (mm)	Indoor unit	726x210x291	805x208x295	969x241x320	1.083x244x336	
	Outdoor unit	720x270x495	720x270x495	874x330x554	955x342x673	
Net Weight (kg)		7.8/23.2	8.4/23.2	11.2/33.5	13.6/43.9	
Refrigerant/Charge (g)		R32/550	R32/550	R32/1.000	R32 /1.450	
Outdoor Operation Temperature Range (°C)	Cooling	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	
	Heating	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	

High performance and ideal atmosphere!



IA PLUS (INVERTER ALGORITHM PLUS)

The advanced iA Plus algorithm upgrades compressor's operation to the ideal Hz levels, resulting to perfect, low noise operation, in every condition, any given moment. This high-end technology feature not only maximizes energy efficiency, but also ensures that your appliance will sustain its flowless operation for many years to come.



BREEZE AWAY

The Breeze Away function allows you to set the airflow away from you. During Cooling, Fan and Dehumidification modes, the angle of the swing louver will be automatically set at 35° while the fan speed will be adjusted accordingly, so that you can enjoy the right temperature in your place without the unpleasant sensation of the airflow directly pointing at you.



GEAR MODE

With the GEAR function you achieve great energy savings, limiting the maximum consumption of the unit. You can adjust the performance in two levels, at 75% of maximum efficiency and at 50%. Enjoy the right temperature in your space, while reducing operating costs.



Breeze Away



Ultraviolet Type C & Ionizer Technology



Ultra Silence Mode 19dB(A)



ECO Mode



Μοντέλο		NECUVI-09WFI/NECUVO-09	NECUVI-12WFI/NECUVO-12	
Cooling Capacity (Btu/h)		9.000 (3.500-11.000)	12.000 (4.700-14.700)	
Cooling Capacity (kWatt)		2.64 (1.03-3.22)	3.52 (1.38-4.31)	
Heating Capacity (Btu/h)		10.000 (2.800-11.500)	13.584 (3.640-14.950)	
Heating Capacity (kWatt)		2.93 (0.82-3.37)	3.98 (1.07-4.38)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5
		Energy Class	A+++	A+++
		SEER	8.8	8.5
		Annual Power Consumption (kWh/year)	103	144
	Heating (Middle Zone)	Pdesign (kW)	2.4	2.6
		Energy Class	A++	A++
		SCOP	4.6	4.6
		Annual Power Consumption (kWh/year)	730	791
	Heating (Warm Zone)	Pdesign (kW)	2.7	3.1
		Energy Class	A+++	A+++
		SCOP	6.0	6.0
		Annual Power Consumption (kWh/year)	630	723
Voltage/Frequency/Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1	
Current Input (A)	Cooling	2.73 (0.35-4.78)	4.37 (0.6-7.2)	
	Heating	2.83 (0.32-4.32)	4.24 (0.7-6.78)	
Power Input (W)	Cooling	0.63 (0.08-1.10)	0.99 (0.13-1.65)	
	Heating	0.65 (0.07-0.99)	1.02 (0.16-1.56)	
Air Flow Volume (High/Medium/Low) (m³/h)		510/360/300	520/370/310	
Noise Level [dB(A)]	Indoor unit (Silent/Low/Medium/High)	19/22/31/37	21/22/33/39	
	Outdoor unit	54	54.5	
Sound Power Level [dB(A)]	Indoor unit	54	55	
	Outdoor unit	58	61	
Dehumidifying Volume	(L/h)	1.2	1.6	
	(L/day)	28.8	38.4	
Compressor Type		ROTARY	ROTARY	
Liquid line Gas line		1/4" 3/8"	1/4" 3/8"	
Fuses (A)		10	10	
Signal Wires (Noxmm²)		5x1.5	5x1.5	
Dimensions (WxDxH) (mm)	Indoor unit	802x200x295	802x200x295	
	Outdoor unit	765x303x555	765x303x555	
Net Weight (kg)	Indoor/Outdoor	8.7/26.4	8.7/26.4	
Refrigerant/Charge (g)		R32/620	R32/620	
Outdoor Operation Temperature Range (°C)	Cooling	-15-50	-15-50	
	Heating	-20-24	-20-24	

All-year-round maximum energy savings!



A+++ ENERGY CLASS IN COOLING & HEATING

The technological superiority of the series guarantees excellent performance with the lowest operating costs. Take advantage of the highest energy class A+++ of Inventor air conditioners and create your dream atmosphere while saving money and reducing your energy footprint.

IA PLUS (INVERTER ALGORITHM PLUS)

The advanced iA Plus algorithm upgrades compressor's operation to the ideal Hz levels, resulting to perfect, low noise operation, in every condition, any given moment. This high-end technology feature not only maximizes energy efficiency, but also ensures that your appliance will sustain its flowless operation for many years to come.

WI-FI STANDARD WITH VOICE COMMANDS

Inventor's Wi-Fi Standard air conditioner series includes a USB stick, allowing you to enjoy all the benefits of remote management. Through the smart Wi-Fi function, you create the desired environment from wherever you are. Download the application and save energy by adjusting your air conditioner via your smartphone or tablet.

LEON



Hotel Menu



Breeze Away



Wi-Fi Standard



ECO Mode



Model		LHUVI-09WFI/ LHUVO-09	LHUVI-12WFI/ LHUVO-12	LHUVI-18WFI/ LHUVO-18	LHUVI-24WFI/ LHUVO-24	
Cooling Capacity (Btu/h)		9.300 (4.500-13.000)	12.000 (4.500-13.500)	18.000 (6.800-20.900)	24.000 (7.200-28.000)	
Cooling Capacity (kWatt)		2.64 (1.32-3.81)	3.52 (1.32-3.96)	5.28 (1.99-6.13)	7.03 (2.11-11.14)	
Heating Capacity (Btu/h)		10.700 (3.000-15.000)	13.500 (3.000-15.500)	19.000 (4.600-23.100)	25.000 (5.300-28.000)	
Heating Capacity (kWatt)		3.14 (0.88-4.40)	3.96 (0.88-4.54)	5.57 (1.35-6.77)	7.33 (1.55-8.21)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.3	7.0
		Energy Class	A+++	A+++	A+++	A+++
		SEER	9.3	8.5	8.5	8.5
		Annual Power Consumption (kWh/year)	102	144	220	288
	Heating (Middle Zone)	Pdesign (kW)	2.5	2.6	4.3	5.0
		Energy Class	A++	A++	A+	A+
		SCOP	4.6	4.6	4.3	4.2
		Annual Power Consumption (kWh/year)	761	791	1.400	1.666
	Heating (Warm Zone)	Pdesign (kW)	2.5	2.9	4.3	5.5
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.6	6.0	5.4	5.3
		Annual Power Consumption (kWh/year)	631	677	1.118	1.453
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	2.70 (0.6-5.4)	3.90 (0.6-5.6)	5.73 (2.8-7.9)	7.70 (1.8-13.9)	
	Heating	3.05 (0.6-6.2)	4.40 (0.6-6.4)	6.52 (4.3-7.5)	8.60 (1.3-13.5)	
Power Input (W)	Cooling	0.62 (0.13-1.20)	0.92 (0.13-1.25)	1.32 (0.59-1.79)	1.76 (0.42-3.20)	
	Heating	0.68 (0.12-1.40)	0.99 (0.12-1.45)	1.50 (0.94-1.70)	1.98 (0.30-3.10)	
Air Flow Volume (High/Medium/Low) (m³/h)		530/360/280	560/380/290	685/580/400	1092/724/379	
Noise Level [dB(A)]	Indoor unit (Silent/Low/Medium/High)	20.5/21.5/32/40	21/22/33/41	22/23/35/41	21/33/40/44.5	
	Outdoor unit	55	55	56	58.5	
Sound Power Level [dB(A)]	Indoor unit	56	56	59	65	
	Outdoor unit	59	61	65	68	
Dehumidifying Volume	L/h	1.0	1.2	1.8	2.7	
	L/day	24.0	28.8	43.2	64.8	
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"	
Fuses (A)		10	10	16	16	
Signal Wires (Noxmm²)		5x1.5	5x1.5	5x1.5	5x2.5	
Dimensions (WxDxH) (mm)	Indoor unit	850x230x295	850x230x295	1050x250x319	1180x280x360	
	Outdoor unit	765x303x555	765x303x555	890x342x673	890x342x673	
Net Weight (kg)		10.2/26.4	10.2/26.4	12.3/38.8	20.0/45.6	
Refrigerant/Charge (g)		R32/620g	R32/620g	R32/1.000g	R32/1.500g	
Outdoor Operation Temperature Range (°C)	Cooling	-20 ~ 50	-20 ~ 50	-20 ~ 50	-20 ~ 50	
	Heating	-25 ~ 24	-25 ~ 24	-20 ~ 24	-20 ~ 24	

The ultimate power in air conditioning!



A+++ ENERGY CLASS IN COOLING & HEATING

The technological superiority of the series guarantees excellent performances with the lowest operating costs. Benefit from the A+++ energy class of Inventor air conditioners to create an optimal atmosphere, tailored to your exact needs. At the same time save money while also reassuring a sustainable energy footprint by choosing an air conditioner with lower energy consumption.

CHASSIS AND COMPRESSOR HEATING BELT

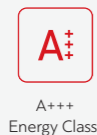
The chassis heating belt located on the bottom of the outdoor unit prevents ice formation and guarantees the proper operation of your air conditioner, even at low temperatures, or under the most difficult weather conditions. This advanced feature is specially designed for installations at northern regions, where the temperature often falls below 0°C, to maintain the high-performance of your air-conditioner, guaranteeing comfortable and warm atmosphere during winter and cost savings at the same time.

LOW TEMPERATURE HEATING MODE (-25°C)

The air conditioner's special design achieves effective heating, even when extremely low temperatures prevail.

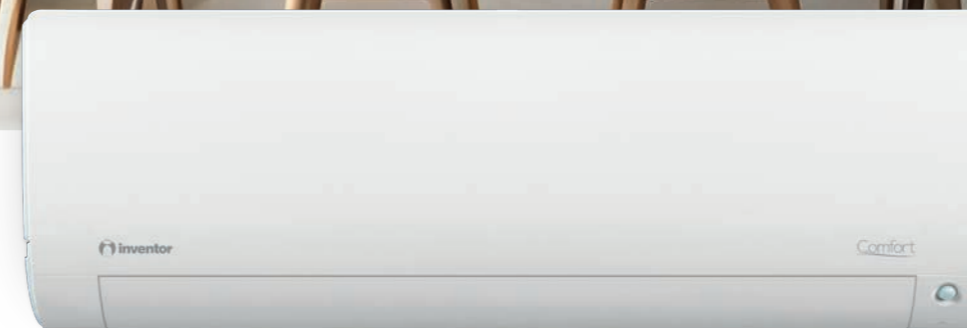
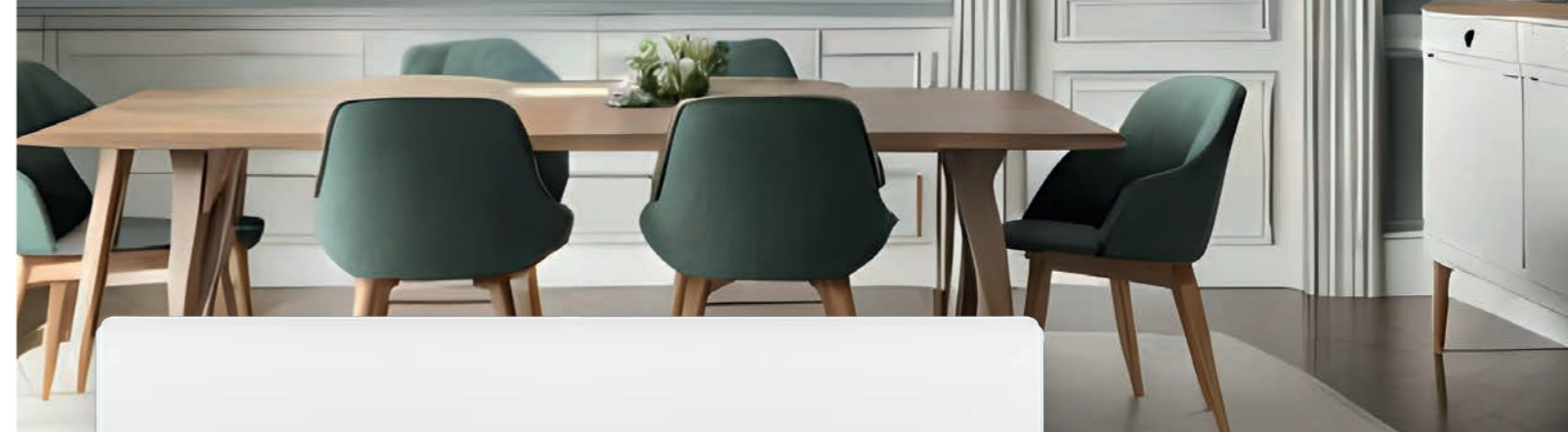
**About 9.000btu and 12.000btu models.*

Comfort



Model		MFVI-09WFI/ MFVO-09	MFVI-12WFI/ MFVO-12	MFVI32-18WFI/ MFVO32-18	MFVI32-24WFI/ MFVO32-24	
Cooling Capacity (Btu/h)		8.870 (2.730-10.920)	11.940 (3.410-13.650)	17.740 (4.770-20.470)	23.890 (7.510-25.600)	
Cooling Capacity (kWatt)		2.6 (0.8-3.2)	3.5 (1.0-4.0)	5.2 (1.4-6.0)	7.0 (2.2-7.5)	
Heating Capacity (Btu/h)		10.920 (2.730-14.330)	14.330 (3.410-17.740)	20.470 (4.770-23.540)	27.300 (8.190-29.000)	
Heating Capacity (kWatt)		3.2 (0.8-4.2)	4.0 (1.0-5.2)	6.0 (1.4-6.9)	8.0 (2.4-8.5)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.2	7.0
		Energy Class	A+++	A+++	A++	A++
		SEER	8.5	8.5	7.2	7.1
		Annual Power Consumption (kWh/year)	107	144	253	345
	Heating (Middle Zone)	Pdesign (kW)	2.4	2.8	4.6	5.6
		Energy Class	A++	A++	A++	A+
		SCOP	4.6	4.6	4.6	4.0
		Annual Power Consumption (kWh/year)	731	854	1.401	1.959
	Heating (Warm Zone)	Pdesign (kW)	2.3	2.8	4.8	5.2
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.6	5.4
		Annual Power Consumption (kWh/year)	631	768	1.190	1.357
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	2.9 (0.9-5.5)	3.9 (1.4-6.7)	6.2 (1.8-8.9)	9.6 (3.2-11.2)	
	Heating	3.6 (1.3-6.8)	5.0 (2.3-7.2)	6.7 (2.3-10.9)	9.6 (3.2-13)	
Power Input (W)	Cooling	0.60 (0.2-1.2)	0.88 (0.3-1.5)	1.40 (0.5-2.0)	2.17 (0.7-2.5)	
	Heating	0.80 (0.3-1.5)	1.10 (0.5-1.6)	1.50 (0.5-2.4)	2.16 (0.7-2.9)	
Air Flow Volume (High/Medium/Low) (m³/h)		700/600/500/370/280	730/650/550/440/300	1.050/900/750/650/550	1.250/1.100/950/850/700	
Noise Level [dB(A)]	Indoor unit (Silent/Low/Medium/High)	16/25/32/38	17/26/33/39	28/37/41/45	33/37/43/47	
	Outdoor unit	47	48	51	57	
Sound Power Level [dB(A)]	Indoor unit	53	55	57	60	
	Outdoor unit	59	61	63	70	
Dehumidifying Volume	(L/h)	1.2	1.6	2.0	2.8	
	(L/day)	28.8	38.4	48.0	67.2	
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"	
Fuses (A)		10	10	16	16	
Signal Wires (Noxmm²)		4x1.5	4x1.5	4x1.5	4x1.5	
Dimensions (WxDxH) (mm)	Indoor unit	856x197x300	856x197x300	999x225x323	1.115x235x343	
	Outdoor unit	800x275x553	800x275x553	820x338x614	890x353x697	
Net Weight (kg)		9.5/27.6	9.5/30.0	12.0/37.8	15.2/49.0	
Refrigerant/Charge (g)		R32 / 630	R32 / 780	R32 / 950	R32 / 1.300	
Outdoor Operation Temperature Range (°C)	Cooling	-20 ~ 43	-20 ~ 43	-20 ~ 43	-20 ~ 43	
	Heating	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

Ideal temperature of high air quality in your place!



MOTION SENSOR

Create ideal conditions in your space while saving energy, with the innovative technology of the Motion Sensor. Adjust the airflow direction of your air conditioner towards you or away from you and enjoy excellent comfort conditions. In addition, save money, thanks to the Motion Sensor's ability to reduce or enhance performance whenever it detects your presence or absence from the room.



ULTRA SILENCE MODE 16dB(A)

Activate the silent operation of your air conditioner and enjoy the feeling of absolute silence. Thanks to the special design and the advanced technology of the air conditioner, you enjoy a low noise level of 16dB(A).



ULTRAVIOLET TYPE C TECHNOLOGY & IONIZER

Ultraviolet Type C Technology neutralizes viruses and bacteria, as the ultraviolet light «breaks» the molecular bonds of microorganisms that may be present inside the air conditioner, offering a perfectly healthy atmosphere in your space. The Ionizer ensures the removal of harmful suspended particles, such as germs, bacteria, viruses, pollen, smoke, dust, odors, etc. in a natural & effective way. This way it creates high purity air that offers a pleasant feeling of freshness and relieves you of the annoying effect of poor indoor air quality.

EMPEROR

16
dB(A)

Ultra Silence Mode
16dB(A)

WiFi
STANDARD

Wi-Fi
Standard

Follow Me

Follow Me

UVC

UVC & Ionizer



Model		EMPVI-09WFI/ EMPVO-09	EMPVI-12WFI/ EMPVO-12	EMPVI-18WFI/ EMPVO-18	EMPVI-24WFI/ EMPVO-24	
Cooling Capacity (Btu/h)		8.870 (2.730-10.920)	11.940 (3.410-13.650)	17.740 (4.770-20.470)	24.225 (7.165-27.295)	
Cooling Capacity (kWatt)		2.6 (0.8-3.2)	3.5 (1.0-4.0)	5.2 (1.4-6.0)	7.1 (2.1-8.0)	
Heating Capacity (Btu/h)		10.920 (2.730-14.330)	14.330 (3.410-17.740)	20.470 (4.605-23.200)	25.250 (5.120-29.000)	
Heating Capacity (kWatt)		3.2 (0.8-4.2)	4.0 (1.0-5.2)	6.0 (1.4-6.8)	7.4 (1.5-8.5)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.2	7.1
		Energy Class	A+++	A+++	A+++	A+++
		SEER	8.5	8.5	8.5	8.5
		Annual Power Consumption (kWh/year)	107	144	214	292
	Heating (Middle Zone)	Pdesign (kW)	2.4	2.8	4.6	5.6
		Energy Class	A++	A++	A++	A++
		SCOP	4.6	4.6	4.6	4.6
		Annual Power Consumption (kWh/year)	731	854	1.400	1.704
	Heating (Warm Zone)	Pdesign (kW)	2.3	2.8	4.8	5.8
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.1	5.1
		Annual Power Consumption (kWh/year)	631	768	1.318	1.592
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	2.9 (0.9-5.5)	3.9 (1.4-6.7)	6.2 (2.3-9.1)	9.6 (3.2-11.2)	
	Heating	3.6 (1.3-6.8)	5.0 (2.3-7.2)	6.82 (2.3-10.7)	9.6 (3.2-13)	
Power Input (kW)	Cooling	0.60 (0.2-1.2)	0.88 (0.3-1.5)	1.44 (0.2-2.2)	2.03 (0.3-2.9)	
	Heating	0.80 (0.3-1.5)	1.10 (0.5-1.6)	1.50 (0.5-2.7)	1.99 (0.6-3.2)	
Air Flow Volume (Turbo/High/Medium/Low/Silent) (m³/h)		700/600/500/370/280	730/650/550/440/300	900/760/610/510/410	1.250/1.100/950/850/700	
Noise Level [dB(A)]	Indoor unit (Silent/Low/Medium/High)	16/25/32/38	17/26/33/39	28/35/40/44	29/37/45/47	
	Outdoor unit	47	48	54	58	
Sound Power Level [dB(A)]	Indoor unit	53	55	60	65	
	Outdoor unit	59	61	65	70	
Dehumidifying Volume	L/h	1.2	1.6	2.3	3.0	
	L/day	28.8	38.4	55.2	72.0	
Compressor		ROTARY	ROTARY	ROTARY	ROTARY	
Liquid line Gas line		1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"	
Fuses (A)		10	10	16	16	
Signal Wires (Noxmm²)		4x1.5	4x1.5	4x1.5	4x1.5	
Dimensions (MxBxY) (mm)	Indoor unit	856x197x300	856x197x300	999x225x323	1.115x235x343	
	Outdoor unit	800x275x553	800x275x553	820x306x642	890x340x705	
Καθαρό Βάρος (kg)		9.5/27.6	9.5/30.0	12.0/37.8	15.2/43.0	
Refrigerant/Charge (g)		R32 / 630	R32 / 780	R32 / 1.100	R32 / 1.350	
Outdoor Operation Temperature Range (°C)	Cooling	-20 ~ 43	-20 ~ 43	-20 ~ 43	-20 ~ 43	
	Heating	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	

Impressively elegant,
incomparably strong!

inventor



A+++ ENERGY CLASS IN COOLING & HEATING

The series' technological excellence ensures outstanding performance with minimal operating costs. Make the most of Inventor air conditioners' top-tier A+++ energy efficiency to create your ideal atmosphere effortlessly. At the same time, save money and reduce your environmental impact by selecting an air conditioner designed for lower energy consumption.

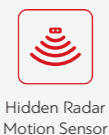
3x eco TRIPLE ECO MODE

Discover Triple Eco Mode for maximum energy savings and ideal comfort! Select one of the three different efficiency levels to set your air conditioner, for both cooling and heating. Enjoy the perfect temperature while reducing operating costs, according to your needs every time.

MOTION SENSOR

Ensure maximum energy savings and the most ideal conditions in your place, thanks to the pioneering technology of the Motion Sensor. Create the atmosphere you desire, adjusting the air flow of your air conditioner so that it is directed to or against your position and enjoy impeccable conditions of comfort. Functional cost reduction and money savings are accomplished thanks to the ability of the Motion Sensor to lower or to enforce its performance, every time your presence or absence from the place is detected.

THORA



Hidden Radar Motion Sensor



Wi-Fi Standard



56°C Sterilization



Breeze Away



Model		THRVI-09WFI/THRVO-09	THRVI-12WFI/THRVO-12	THRVI-18WFI/THRVO-18	
Cooling Capacity (Btu/h)		9.000 (3.519-16.432)	12.000 (3.519-16.432)	17.000 (6.600-18.700)	
Cooling Capacity (kWatt)		2.6 (1.03-4.82)	3.5 (1.03-4.82)	5.0 (1.93-5.48)	
Heating Capacity (Btu/h)		13.000 (2.569-24.566)	13.000 (2.569-24.566)	19.000 (4.400-24.700)	
Heating Capacity (kWatt)		3.8 (0.75-7.20)	3.8 (0.75-7.20)	5.6 (1.28-7.24)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.0
		Energy Class	A+++	A+++	A+++
		SEER	9.0	9.2	8.5
		Annual Power Consumption (kWh/year)	105	133	206
	Heating (Middle Zone)	Pdesign (kW)	2.9	2.9	4.2
		Energy Class	A+++	A+++	A++
		SCOP	5.1	5.1	4.6
		Annual Power Consumption (kWh/year)	796	796	1.278
	Heating (Warm Zone)	Pdesign (kW)	3.0	3.0	4.6
		Energy Class	A+++	A+++	A+++
		SCOP	6.5	6.5	5.1
		Annual Power Consumption (kWh/year)	648	648	1.273
Voltage / Frequency / Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1	220-240/50/1	
Current Input (A)	Cooling	2.3 (0.4-8.5)	3.3 (0.4-8.5)	5.5 (0.7-8.7)	
	Heating	3.4 (0.4-11.4)	3.4 (0.4-11.4)	5.7 (0.8-11.5)	
Power Input (kW)	Cooling	0.54 (0.1-1.9)	0.75 (0.1-1.9)	1.26 (0.1-2.0)	
	Heating	0.77 (0.5-2.6)	0.77 (0.5-2.6)	1.35 (0.2-2.7)	
Air Flow Volume (High/Medium/Low) (m³/h)		548/489/383	548/489/383	710/500/400	
Noise Level [dB(A)]	Indoor Unit (Silent/Low/Medium/High)	20/22/35/42.5	20/22/35/42.5	21/23/36.5/43	
	Outdoor Unit	56	56	59	
Sound Power Level [dB(A)]	Indoor Unit	59	59	59	
	Outdoor Unit	61	61	65	
Compressor Type		TWIN ROTARY	TWIN ROTARY	ROTARY	
Liquid line Gas line		1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	
Fuses (A)		10	10	16	
Signal Wires (Noxmm ²)		5x1.5	5x1.5	5x1.5	
Dimensions (WxDxH) (mm)	Indoor Unit	895x248x298	895x248x298	895x248x298	
	Outdoor Unit	805x330x554	805x330x554	890x342x673	
Net Weight (kg)		12.6/35.2	12.6/35.2	12.6/43.5	
Refrigerant / Charge (g)		R32 / 1.100	R32 / 1.100	R32 / 1.180	
Outdoor Operation Temperature Range (°C)	Cooling	-15 ~ 50	-15 ~ 50	-15 ~ 50	
	Heating	-35 ~ 30	-35 ~ 30	-35 ~ 30	

Divine performance for superior atmosphere in extreme conditions!



NORDIC WALL MOUNTED AIR CONDITIONERS

Inventor Nordic air conditioners create the perfect atmosphere in your home, even in the harshest climates. With Excellent Heating Performance at -35°C, they are the ideal choice for Northern and Scandinavian regions. Eco-friendly and supported by a 5-year warranty, the Nordic series combines reliability, premium design, clean air, and ultimate comfort for year-round satisfaction.



A+++ ENERGY CLASS IN COOLING & HEATING IN ALL MODELS

The advanced technology of the series delivers exceptional performance while keeping operating costs to a minimum. With Inventor air conditioners rated at the highest energy class A+++ , you can effortlessly create the perfect environment you've always envisioned. At the same time, enjoy significant savings and contribute to a greener future with reduced energy consumption.



EXCELLENT HEATING PERFORMANCE AT -35°C

The Excellent Heating Performance at -35°C feature makes Thora series ideal for Northern and Scandinavian regions. The unit is designed to provide heating even under extreme outdoor temperatures, ensuring smooth operation and comfort.



CRANKCASE AND COMPRESSOR HEATING BELT

The Crankcase and Compressor Heating Belt is an electric resistance placed at the base of the outdoor unit and around the compressor. It activates automatically when the temperature drops below zero, preventing ice buildup on the unit. By reducing the need for defrosting, it saves energy and money, while ensuring stable heating performance.

Commercial Air Conditioners



TECHNOLOGY FOR BUSINESS EXCELLENCE

Inventor's commercial air conditioners offer the ultimate solution for creating a comfortable and efficient environment in professional spaces. Combining cutting-edge technology, energy-saving performance, Wi-Fi control, and whisper-quiet operation, they ensure ideal conditions for both employees and customers. Tailored to the unique demands of modern businesses, they deliver superior comfort and cost-effective performance in every setting.

MULTI-SPLIT AIR CONDITIONERS

Inventor's multi-split air conditioners offer flexible solutions with a wide range of indoor units, providing numerous combination options. With the capability to connect up to 5 indoor units to a single outdoor unit, they ensure flexible installation, even in spaces with structural challenges. Their high energy efficiency ensures outstanding performance while saving energy, making them the perfect choice for modern spaces.

LCAC

The wide range of Inventor's Light Commercial air conditioners is designed to adapt perfectly to any requirement. With a compact design that fits even in limited spaces, these units deliver excellent performance and energy efficiency. Ideal for both small and large commercial spaces, they combine high functionality with easy operation, thanks to a centralized control system, offering reliable solutions for demanding installations.

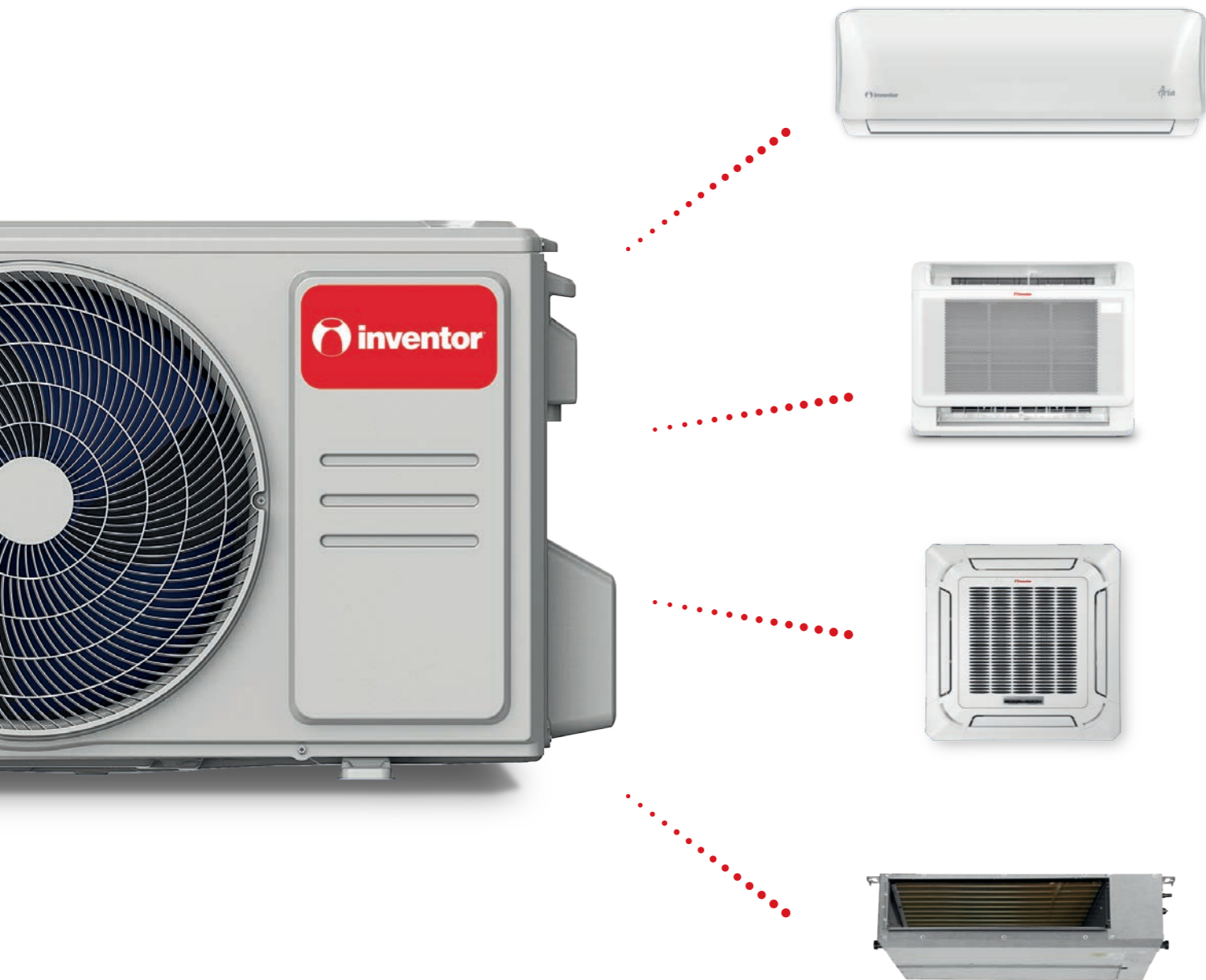


Multi-Split Air Conditioners

Connect up to 5 indoor units with one outdoor unit according to your needs and enjoy the excellent atmosphere in every space.

5 Up to 5 Indoor units per connection

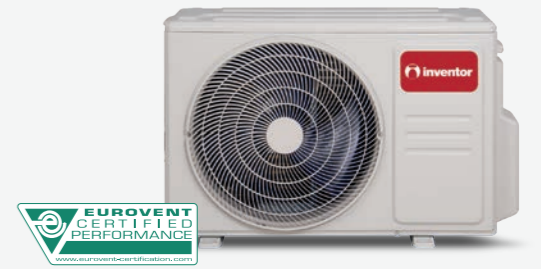
Wide Range of Combinations



Outdoor Units

Power, credibility & flexible installation!

- Electronic Expansion Valve per Circuit
- Golden Fin
- Excellent Heating Performance Under -15°C
- Wide Operation Range
- Flexible Installation
- Robust Outdoor Design

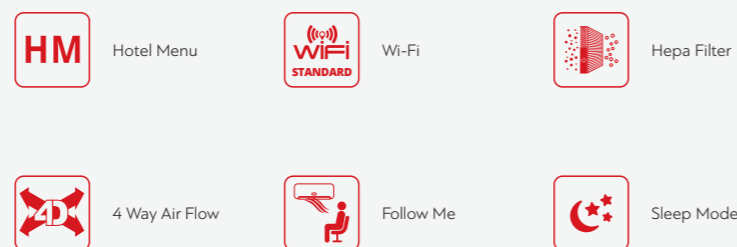


Model	U6RSL(2)-18	U6RSL(3)-27	U5MRSL32(4)-36	U6RSL(5)-42		
Cooling Capacity (Btu/h)	18.000 (7.600-19.000)	27.000 (10.200-29.000)	36.000 (7.000-36.000)	42.000 (10.800-42.000)		
Cooling Capacity (kWatt)	5.28 (2.23-5.57)	7.91 (2.99-8.50)	10.55 (2.05-10.55)	12.31 (3.16-12.31)		
Heating Capacity (Btu/h)	19.000 (7.980-19.200)	28.000 (7.500-29.000)	36.000 (8.000-38.000)	42.000 (11.500-42.000)		
Heating Capacity (kWatt)	5.57 (2.34-5.63)	8.20 (2.21-8.50)	10.55 (2.34-11.13)	12.31 (3.37-12.31)		
Seasonal Efficiency (In accordance to EN14825)*	Cooling	Pdesign (kW)	5.3	7.9	10.6	12.3
		Energy Class	A++	A++	A++	A+
		SEER	6.1	6.1	6.1	5.8
	Heating (Middle Zone)	Pdesign (kW)	4.3	5.3	8.4	9.5
		Energy Class	A+	A+	A+	A+
		SCOP	4.0	4.0	4.0	3.8
Heating (Warm Zone)	Pdesign (kW)	5.0	5.8	8.8	10.1	
	Energy Class	A+++	A+++	A+++	A+++	
	SCOP	5.1	5.1	5.1	5.1	
Voltage/Frequency/Phase (V/Hz/Ph)	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1		
Indoor Number of Units (Min - Max)	1-2	1-3	1-4	1-5		
Noise Level [dB(A)]	56	58	63	62		
Sound Power Level [dB(A)]	65	68	68	70		
Dimensions (MxBxY) (mm)	805x330x554	890x342x673	946x410x810	946x410x810		
Net Weight (kg)	35.0	48.0	68.8	74.1		
Compressor Type	ROTARY	ROTARY	ROTARY	ROTARY		
Liquid Line Gas Line	2x(1/4" 3/8")	3x(1/4" 3/8")	3x(1/4" 3/8")+1x(1/4" 1/2")	4x(1/4" 3/8")+1x(1/4" 1/2")		
Fuses (A)	1x16	1x20	1x25	1x25		
Refrigerant/Charge (g)	R32/1.250	R32/1.850	R32/2.100	R32/2.900		
Maximum Pipe Length (m)	Total	40	60	80		
	For one Indoor Unit	25	30	35		
Max. Height Difference Between Indoor and Outdoor Unit (m)	15	15	15	15		
Max. Height Difference Between Indoor Units (m)	10	10	10	10		
Operation Temperature Range (°C) Cooling/Heating	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24		

*The data of "Pdesing", "Energy Class" and "SEER/SCOP" in Cooling, Heating (Middle Zone) & Heating (Warm Zone), refer to the outdoor units combination with Cassette type indoor units.

Wall Mounted

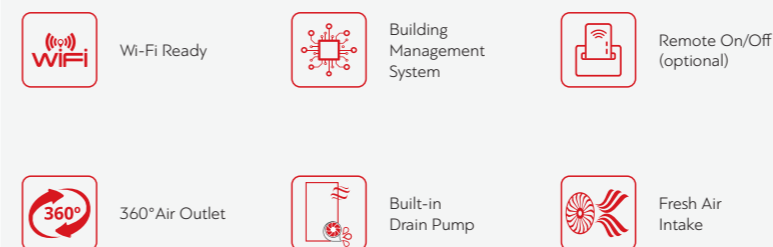
Ideal conditions for comfort and energy saving!



Model	AR5VI-09WiFi	AR5VI-12WiFi	AR5VI-18WiFi	AR5VI-24WiFi
Cooling Capacity (Btu/h)	9.000	12.000	18.000	24.000
Cooling Capacity (kWatt)	2.64	3.52	5.28	7.03
Heating Capacity (Btu/h)	10.000	13.000	19.000	25.000
Heating Capacity (kWatt)	2.93	3.81	5.57	7.33
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	0.09	0.11	0.15
	Heating	0.09	0.11	0.15
Power Input (kW)	Cooling	0.02	0.02	0.04
	Heating	0.02	0.02	0.04
Air Flow Volume (High/Medium/Low) (m3/h)	416/309/230	584/477/395	730/500/420	1.020/830/640
Noise Level (Silent/Low/Medium/High) [dB(A)]	20/23/31/39	22/25/35/42	24/28/33.5/43	27/30.5/41.5/47
Sound Power Level [dB(A)]	54	56	57	63
Dimensions (WxDxH) (mm)	722x187x290	802x189x297	965x215x319	1080x226x335
Net Weight (kg)	7.3	8.6	10.9	13.7
Liquid Line Gas Line	1/4" 3/8"	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"

Cassettes

Perfect temperature at your place!



The wired weekly planner controller is optional.

Model	LV6CI-12WiFiR	LV6CI-18WiFiR
Cooling Capacity (Btu/h)	12.000	18.000
Cooling Capacity (kWatt)	3.52	5.28
Heating Capacity (Btu/h)	14.000	18.500
Heating Capacity (kWatt)	4.10	5.42
Voltage/Frequency/Phase (V/Hz/Ph)	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	0.18
	Heating	0.18
Power Input (kW)	Cooling	0.04
	Heating	0.04
Air Flow Volume (High/Medium/Low) (m3/h)	620/510/420	720/620/500
Noise Level (Low/Medium/High) [dB(A)]	25.5/33/36/41	29/35.5/39.5/43
Sound Power Level [dB(A)]	57	59
Dimensions (WxDxH) (mm)	Panel	647x647x50
	Indoor	570x570x260
Net Weight (kg)	Panel	2.5
	Indoor	16.3
Liquid Line Gas Line	1/4" 3/8"	1/4" 1/2"

Ducted

Unique flexibility & absolute adjustment to your needs!



Super Slim Design



Adjustable Static Pressure & Air Flow Volume



Weekly Planner Controller



Wi-Fi Ready



Building Management System



Built-in Drain Pump

The wired weekly planner controller is standard.

Model		LV6DI-12WiFiR	LV6DI-18WiFiR
Cooling Capacity (Btu/h)		12.000	18.000
Cooling Capacity (kWatt)		3.52	5.28
Heating Capacity (Btu/h)		13.000	19.000
Heating Capacity (kWatt)		3.81	5.57
Voltage/Frequency/Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1
Current Input (A)	Cooling	1.1	1.3
	Heating	1.1	1.3
Power Input (kW)	Cooling	0.19	0.20
	Heating	0.19	0.20
Air Flow Volume (High/Medium/Low) (m3/h)		600/480/300	911/706/515
Static Pressure (Pa)		0-60	0-100
Noise Level (Low/Medium/High) [dB(A)]		23/29/30.5/34.5	26/34/38/41
Sound Power Level [dB(A)]		58	58
Dimensions (WxDxH) (mm)		700x506x200	880x674x210
Net Weight (kg)		17.8	24.4
Liquid Line Gas Line		1/4" 3/8"	1/4" 1/2"

Consoles

Excellent performance, ultimate comfort and energy saving!



Double Air Outlet



Central Control Management (optional)



Wi-Fi Ready



Follow Me



ECO function



Hotel Menu



The wired weekly planner controller is optional.

Model		LV6LI-12WiFiR	LV6LI-18WiFiR
Cooling Capacity (Btu/h)		12.000	17.000
Cooling Capacity (kWatt)		3.52	4.98
Heating Capacity (Btu/h)		13.000	18.000
Heating Capacity (kWatt)		3.81	5.28
Voltage/Frequency/Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1
Current Input (A)	Cooling	4.5	6.7
	Heating	4.4	6.4
Power Input (kW)	Cooling	1.00	1.50
	Heating	0.98	1.42
Air Flow Volume (High/Medium/Low) (m3/h)		512/480/370	560/480/400
Noise Level (Silent/Low/Medium/High) [dB(A)]		21/27/34/37	24/32/38/41
Sound Power Level [dB(A)]		54	55
Dimensions (WxDxH) (mm)		794x206x621	794x206x621
Net Weight (kg)		14.9	14.9
Liquid Line Gas Line		1/4" 3/8"	1/4" 1/2"

Light Commercial Air Conditioners



Inventor light commercial air conditioners combine cutting-edge technology with cost-effective performance, delivering optimal comfort and energy savings for any professional space. Explore solutions tailor-designed for modern business needs.

Perfect Control Management

Perfect Adjustment to your needs

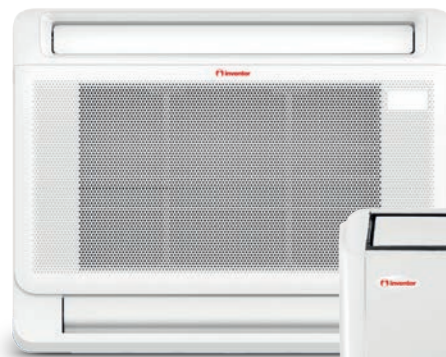
Cost saving solutions that do more for every enterprise



Ducted air conditioners for easy installation and perfect customization to your needs



Cassettes with ergonomic design for effortless integration into any workspace



Consoles for flexible use, ideal for small offices and businesses



Floor Ceiling units for excellent performance, ideal for hotel use



Floor Standing units for high performance even at low temperatures

Cassettes

Ergonomic design & high performance!



360° Air Outlet



Independent Louver Swing*



Building Management System



Wi-Fi Ready



Fresh Air Intake



Built-in Drain Pump



The wired weekly planner controller is optional.

Model	V7CRI-12WiFIR /U7RS-12	V7CRI-18WiFIR /U7RS-18	V7CI-24WiFIR /U7RS-24	V7CI-36WiFIR /U7RS-36	V7CI-42WiFIR /U7RS-42	V7CI-50WiFIR /U7RT-50	V7CI-60WiFIR /U7RT-60		
Cooling Capacity (Btu/h)	12.000 (2.897~14.020)	18.000 (9.900~19.064)	24.000 (11.263~27.000)	36.000 (9.200~39.000)	41.000 (10.000~42.000)	48.000 (12.000~54.000)	53.000 (14.000~57.000)		
Cooling Capacity (kWatt)	3.52 (0.85~4.11)	5.28 (2.90~5.59)	7.03 (3.30~7.91)	10.55 (2.70~11.43)	12.02 (2.93~12.31)	14.07 (3.52~15.83)	15.24 (4.10~16.71)		
Heating Capacity (Btu/h)	13.000 (1.604~14.705)	19.000 (8.100~20.800)	26.000 (9.577~30.500)	38.000 (9.500~42.000)	46.000 (11.500~48.000)	55.000 (14.000~59.000)	62.000 (15.000~68.000)		
Heating Capacity (kWatt)	3.81(0.47~4.31)	5.57 (2.37~6.10)	7.62 (2.81~8.94)	11.14 (2.78~12.30)	13.48 (3.37~14.07)	16.12 (4.10~17.29)	18.17 (4.40~19.93)		
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	3.5	5.3	7.0	10.5	12.1	14.0	15.3
		Energy Class	A++	A++	A++	A++	A++	A++	A++
		SEER	6.6	6.3	6.2	6.7	6.1	6.1	6.3
	Heating (Middle Zone)	Pdesign (kW)	2.7	4.2	6.0	8.5	9.5	11.0	11.9
		Energy Class	A+	A+	A+	A+	A+	A+	A+
		SCOP	4.1	4.0	4.0	4.0	4.0	4.0	4.0
	Heating (Warm Zone)	Pdesign (kW)	3.3	5.4	6.3	10.1	9.8	12.0	12.5
		Energy Class	A+++	A++	A+++	A+++	A+++	A++	A+++
		SCOP	5.1	4.8	5.1	5.1	5.1	5.0	5.1
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	380-415/50/3	380-415/50/3		
Current Input (A)	Cooling	4.45 (1.32-6.31)	7.20 (3.20-9.20)	10.20 (4.20-12.00)	17.50 (4.20-18.50)	18.80 (3.10-19.10)	8.10 (1.80-10.20)	8.60 (2.10-10.70)	
	Heating	4.73 (1.04-6.07)	6.80 (3.10-8.50)	8.50 (3.60-12.10)	13.50 (3.50-17.50)	16.30 (3.40-19.00)	8.00 (1.90-9.50)	9.60 (2.10-10.70)	
Power Input (kW)	Cooling	1.01 (0.17-1.43)	1.63 (0.72-2.09)	2.32 (0.78-2.75)	3.95 (0.90-4.20)	4.20 (0.68-4.35)	4.65 (0.80-5.90)	5.00 (0.98-6.20)	
	Heating	1.02 (0.12-1.38)	1.54 (0.70-1.93)	1.90 (0.61-2.70)	3.70 (0.75-4.25)	3.70 (0.75-4.25)	4.58 (0.90-5.50)	5.55 (1.20-6.70)	
Air Flow Volume (High/Medium/Low) (m3/h)	620/510/420	720/620/500	1.300/1.140/1.000	1.700/1.550/1.380	1.900/1.750/1.600	1.970/1.780/1.580	2.000/1.850/1.650		
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	25.5/33/36/41	29/35.5/39.5/43	27/39.5/42.5/45.5	39/44.5/47.5/50	38/46/48.5/51	37.5/46.5/48.5/51	40/48/50.5/53	
	Outdoor unit	53.6	56	60	63	63	63.5	64	
Sound Power Level [dB(A)]	Indoor/Outdoor Unit	57/62	59/65	59/69	64/70	66/72	66/74	66/75	
Fuses (A)		1x10	1x16	1x16	1x25	1x25	3x16	3x16	
Signal Wires (Noxmm2)		4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	
Dimensions (WxDxH) (mm)	Panel	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	
	Indoor Unit	570x570x260	570x570x260	830x830x205	830x830x245	830x830x287	830x830x287	830x830x287	
	Outdoor Unit	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	952x415x1.333	952x415x1.333	
Net Weight (kg)	Panel/Indoor/Outdoor Unit	2.5/16.3/26.6	2.5/16.0/32.5	6.0/21.6/43.9	6.0/27.2/66.9	6.0/29.3/71.0	6.0/29.3/103.7	6.0/29.3/107.0	
Liquid Line Gas Line		1/4" 3/8"	1/4" 1/2"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"	
Refrigerant/Charge (g)		R32/710	R32/1.150	R32/1.500	R32/2.400	R32/2.800	R32/2.900	R32/3.000	
Operation Temperature Range (°C) Cooling/Heating		-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	

Consoles

Excellent performance, energy saving and flexibility!



Double Air Outlet



Central Control Management (optional)



Wi-Fi Ready



Follow Me



ECO function



Hotel Menu

The wired weekly planner controller is optional.

Model		V7LI-12WiFIR/U7RS-12	V7LI-18WiFIR/U7RS-18	
Cooling Capacity (Btu/h)		12.000 (2.600-14.500)	17.000 (9.000-19.000)	
Cooling Capacity (kWatt)		3.52 (0.76-4.25)	4.98 (2.64-5.57)	
Heating Capacity (Btu/h)		13.000 (1.550-16.000)	18.000 (7.500-21.500)	
Heating Capacity (kWatt)		3.81 (0.45-4.69)	5.28 (2.20-6.30)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	3.5	5.0
		Energy Class	A++	A++
		SEER	7.3	6.7
	Heating (Middle Zone)	Pdesign (kW)	2.6	4.0
		Energy Class	A+	A+
		SCOP	4.0	4.0
	Heating (Warm Zone)	Pdesign (kW)	3.4	5.0
		Energy Class	A+++	A++
		SCOP	5.5	5.0
Voltage / Frequency / Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1	
Current Input (A)	Cooling	4.5 (1.40-5.90)	6.7 (2.95-8.70)	
	Heating	4.4 (1.25-5.95)	6.4 (2.75-8.50)	
Power Input (kW)	Cooling	1.00 (0.17-1.35)	1.50 (0.65-1.95)	
	Heating	0.98 (0.15-1.30)	1.42 (0.60-1.90)	
Air Flow Volume (m ³ /h)		512/480/370	560/480/400	
Noise Level [dB(A)]	Indoor unit n(Silence/Low/Medium/High)	21/27/34/37	24/32/38/41	
	Outdoor unit	54	55	
Sound Power Level [dB(A)]		Indoor / Outdoor	55/63	56/64
Fuses (A)		1x16	1x16	
Signal Wires (Noxmm2)		4x1.5	4x1.5	
Dimensions (WxDxH) (mm)	Indoor unit	794x206x621	794x206x621	
	Outdoor unit	765x303x555	805x330x554	
Net Weight (kg)		Indoor / Outdoor	14.9/26.6	14.9/32.5
Compressor Type		ROTARY	ROTARY	
Liquid Line Gas Line		1/4" 3/8"	1/4" 1/2"	
Refrigerant/Charge (g)		R32/710	R32/1.150	
Outdoor Operation Temperature Range (°C) Cooling/Heating		-15~-50/-15~-24	-15~-50/-15~-24	

Floor Ceiling

Advanced functions for ideal conditions!



Central Control Management (Optional)



Hotel Menu



Wi-Fi Ready



Building Management System



Follow Me



Golden Fin

The wired weekly planner controller is optional.

Model		V7KI-18WiFIR/U7RS-18	V7KI-24WiFIR/U7RS-24	V7KI-36WiFIR/U7RS-36	V7KI-50WiFIR/U7RT-50	V7KI-60WiFIR/U7RT-60	
Cooling Capacity (Btu/h)		18.000 (9.250-20.000)	24.000 (10.990-26.500)	36.000 (9.300-39.000)	48.000 (12.000-52.000)	54.000 (14.000-57.000)	
Cooling Capacity (kWatt)		5.28 (2.71-5.86)	7.03 (3.22-7.77)	10.55 (2.73-11.43)	14.07 (3.52-15.24)	15.83 (4.10-16.71)	
Heating Capacity (Btu/h)		19.000 (8.250-21.500)	26.000 (9.280-28.285)	40.000 (9.600-43.600)	55.000 (14.000-58.000)	62.000 (15.000-67.000)	
Heating Capacity (kWatt)		5.57 (2.42-6.30)	7.62 (2.72-8.29)	11.72 (2.78-12.78)	16.12 (4.10-17.00)	18.17 (4.40-19.64)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	5.4	7.2	10.5	14.0	15.5
		Energy Class	A++	A++	A++	A++	A++
		SEER	6.2	6.1	6.4	6.1	6.1
	Heating (Middle Zone)	Pdesign (kW)	4.0	5.5	8.6	11.2	11.9
		Energy Class	A+	A+	A+	A+	A+
		SCOP	4.0	4.0	4.1	4.0	4.0
	Heating (Warm Zone)	Pdesign (kW)	5.1	5.8	10.2	11.7	12.6
		Energy Class	A+++	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.1	5.1	5.1
Voltage/Frequency/Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1	220-240/50/1	380-415/50/3	380-415/50/3	
Current Input (A)	Cooling	6.00 (3.20-9.00)	10.54 (3.90-13.10)	17.0 (4.2~19.0)	8.8 (1.9~10.3)	9.7 (3.2~11.5)	
	Heating	6.60 (2.70-7.30)	9.50 (3.50-12.70)	15.0 (3.5~17.5)	8.9 (2.1~10.5)	10.5 (2.2~12)	
Power Input (kW)	Cooling	1.45 (0.67-2.03)	2.30 (0.75-2.93)	3.90 (0.90-4.25)	5.00 (0.90-5.95)	5.65 (1.10-6.65)	
	Heating	1.50 (0.54-1.64)	2.05 (0.65-2.85)	3.35 (0.80-3.95)	5.10 (1.00-6.05)	6.05 (1.05-7.10)	
Air Flow Volume (High/Medium/Low) (m ³ /h)		958/839/723	1.192/1.023/853	1.955/1.728/1.504	2.100/1.850/1.600	2.200/1.950/1.650	
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	24/36.5/41/43.5	32/43/46/49	37/44/48.5/50	36/45/50/53	38/46.5/50.5/54	
	Outdoor unit	59	60	63	63.5	64	
Sound Power Level [dB(A)]		Indoor/Outdoor Unit	59/65	55/67	65/70	67/74	67/73
Fuses (A)		1x16	1x16	1x25	3x16	3x16	
Signal Wires (Noxmm2)		4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	
Dimensions (WxDxH) (mm)	Indoor Unit	1.068x675x235	1.068x675x235	1.650x675x235	1.650x675x235	1.650x675x235	
	Outdoor Unit	805x330x554	890x342x673	946x410x810	952x415x1.333	952x415x1.333	
Net Weight (kg)		Indoor/Outdoor Unit	28.0/32.5	28.0/43.9	41.5/66.9	41.7/103.7	42.3/107.0
Liquid Line Gas Line		1/4" 1/2"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"	
Refrigerant/Charge (g)		R32/1.150	R32/1.500	R32/2.400	R32/2.900	R32/3.000	
Operation Temperature Range (°C) Cooling/Heating		-15~-50 / -15~-24	-15~-50 / -15~-24	-15~-50 / -15~-24	-15~-50 / -15~-24	-15~-50 / -15~-24	

Ducted

Incomparable power & absolute control!



Adjustable Static Pressure & Air Flow Volume



Weekly Planner Controller



Building Management System



Super Slim Design



Wi-Fi Ready



Built-in Drain Pump

The wired weekly planner controller is standard.

Model	V7DI-12WiFiR / U7RS-12	V7DI-18WiFiR / U7RS-18	V7DI-24WiFiR / U7RS-24	V7DI-36WiFiR / U7RS-36	V7DI-42WiFiR / U7RS-42	V7DI-50WiFiR / U7RT-50	V7DI-60WiFiR / U7RT-60		
Cooling Capacity (Btu/h)	12.000 (1.800-13.607)	18.000 (8.700-20.000)	24.000 (11.180-27.830)	36.000 (9.400-38.000)	41.000 (10.000-42.000)	48.000 (12.000-53.000)	52.000 (14.000-59.000)		
Cooling Capacity (kWatt)	3.52 (0.53-3.99)	5.28 (2.55-5.86)	7.03 (3.28-8.16)	10.55 (2.75-11.14)	12.02 (2.93-12.31)	14.07 (3.52-15.53)	15.24 (4.10-17.29)		
Heating Capacity (Btu/h)	13.000 (3.400-14.975)	19.000 (7.500-21.000)	26.000 (9.580-28.954)	40.000 (9.500-43.600)	46.000 (11.500-48.000)	55.000 (14.000-62.000)	62.000 (15.000-70.000)		
Heating Capacity (kWatt)	3.81 (1.00-4.39)	5.57 (2.20-6.15)	7.62 (2.81-8.49)	11.72 (2.78-12.78)	13.48 (3.37-14.07)	16.12 (4.10-18.17)	18.17 (4.40-20.52)		
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	3.5	5.4	7.1	10.5	12.1	15.3	
		Energy Class	A++	A++	A++	A++	A++	A++	A++
		SEER	6.3	6.5	6.2	6.2	6.1	6.1	6.1
	Heating (Middle Zone)	Pdesign (kW)	2.7	4.3	5.4	8.4	9.5	11.5	12.5
		Energy Class	A+	A+	A+	A+	A+	A+	A+
		SCOP	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	Heating (Warm Zone)	Pdesign (kW)	3.4	5.2	6.0	9.8	10.2	11.5	12.8
		Energy Class	A+++	A+++	A+++	A+++	A+++	A++	A+++
	SCOP	5.1	5.1	5.1	5.1	5.1	5.0	5.1	
	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	380-415/50/3	380-415/50/3	
	Current Input (A)	Cooling	4.75 (1.30-6.09)	7.10 (3.20-9.56)	10.20 (4.20-13.20)	17.50 (4.20-18.50)	18.80 (3.10-19.80)	8.40 (1.90-10.40)	9.60 (3.10-11.50)
		Heating	4.52 (1.48-6.15)	6.80 (3.30-7.70)	9.20 (3.80-11.60)	14.50 (3.50-17.50)	15.50 (3.40-18.30)	8.00 (2.00-9.80)	9.50 (2.00-11.50)
Power Input (kW)	Cooling	1.05 (0.16-1.37)	1.53 (0.71-2.15)	2.19 (0.75-2.96)	3.95 (0.90-4.15)	4.20 (0.68-4.50)	4.80 (0.88-6.00)	5.25 (1.03-6.65)	
	Heating	1.04 (0.30-1.39)	1.51 (0.74-1.76)	1.90 (0.64-2.58)	3.25 (0.80-3.95)	3.45 (0.75-4.10)	4.50 (0.95-5.70)	5.15 (0.95-6.60)	
Air Flow Volume (High/Medium/Low) (m ³ /h)	600/480/300	911/706/515	1.229/1.035/825	2.100/1.800/1.500	2.400/2.040/1.680	2.400/2.040/1.680	2.600/2.210/1.820		
Outdoor Static Pressure (Pa)	0-60	0-100	0-160	0-160	0-160	0-160	0-160		
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	23/29/30.5/34.5	26/34/38/41	27/37/40/42	42/46/48/49.5	43/48/49/51.5	42/47/49/50	43/47/49/52.5	
	Outdoor unit	53.6	56	60	63	63	63.5	64	
Sound Power Level [dB(A)]	Indoor/Outdoor Unit	58/62	58/65	62/68	61/70	67/75	66/74	66/74	
Fuses (A)	1x10	1x16	1x16	1x25	1x25	3x16	3x16		
Signal Wires (Noxmm2)	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5		
Dimensions (WxDxH) (mm)	Indoor Unit	700x450x200	880x674x210	1.100x774x249	1.360x774x249	1.200x874x300	1.200x874x300	1.200x874x300	
	Outdoor Unit	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	952x415x1.333	952x415x1.333	
Net Weight (kg)	Indoor/Outdoor Unit	17.8/26.6	24.4/32.5	32.3/43.9	40.5/66.9	47.6/71.0	47.6/103.7	47.4/107.0	
Liquid Line Gas Line	1/4" 3/8"	1/4" 1/2"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"	3/8" 5/8"		
Refrigerant/Charge (g)	R32/710	R32/1.150	R32/1.500	R32/2.400	R32/2.800	R32/2.900	R32/3.000		
Operation Temperature Range (°C) Cooling/Heating	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24		

Floor Standing

Voice-activated remote temperature control!



Wifi Standard



Follow Me



Aqua Ionizer



Quiet Operation



Turbo Mode



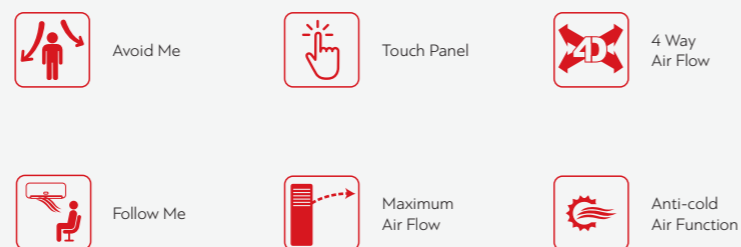
Wide Vertical Air Flow



Model	V7FSI-24/V7FSO-24		
Cooling Capacity (Btu/h)	24.570 (3.072 - 30.374)		
Cooling Capacity (kWatt)	7.2 (0.9 - 8.9)		
Heating Capacity (Btu/h)	27.302 (3.072 - 35.834)		
Heating Capacity (kWatt)	8.0 (0.9 - 10.5)		
EER	3.23		
COP	3.7		
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	7.2
		Energy Class	A++
		SEER	7.0
	Heating (Middle Zone)	Pdesign (kW)	5.5
		Energy Class	A+
		SCOP	4.0
	Heating (Warm Zone)	Pdesign (kW)	4.7
		Energy Class	A+
	SCOP	4.2	
	Voltage/Frequency/Phase (V/Hz/Ph)	220-240/50/1	
	Current Input (A)	Cooling	14.5
		Heating	17.5
Power Input (W)	Cooling	3.3	
	Heating	4.0	
Air Flow Volume (m ³ /h)	Indoor unit (High/Medium/Low)	1.350/1.000/900	
	Outdoor unit	3.600	
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	35/39/43	
	Outdoor unit	56	
Sound Power Level [dB(A)]	Indoor/Outdoor Unit	64/69	
Fuses Outdoor (A)	1x25		
Fuses Indoor (A)	-		
Signal Wires (Noxmm2)	4x1.5		
Dimensions (WxDxH) (mm)	Indoor Unit	408x435x1.810	
	Outdoor Unit	890x340x705	
Net Weight (kg)	Indoor/Outdoor Unit	26.5/43.5	
Liquid Line Gas Line	1/4" 1/2"		
Refrigerant/Charge (g)	R32/1.500		
Operation Temperature Range (°C) Cooling/Heating	-10~43/-10~24		

Floor Standing

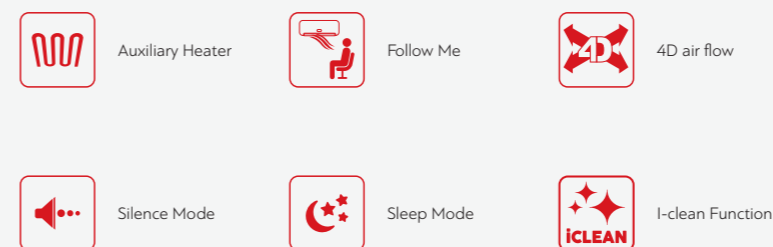
Even temperature distribution in your room!



Model		V6FI-60 / V6FO-60	
Cooling Capacity (Btu/h)		48.000 (12.000-53.500)	
Cooling Capacity (kWatt)		14.07 (3.52-15.68)	
Heating Capacity (Btu/h)		55.000 (14.000-61.000)	
Heating Capacity (kWatt)		16.12 (4.10-17.88)	
EER		2.84	
COP		3.16	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	14.0
		Energy Class	A++
		SEER	6.1
	Heating (Middle Zone)	Pdesign (kW)	10.8
		Energy Class	A+
		SCOP	3.7
	Heating (Warm Zone)	Pdesign (kW)	11.0
		Energy Class	A+++
		SCOP	5.1
Voltage/Frequency/Phase (V/Hz/Ph)		380-415/50/3	
Current Input (A)	Cooling	8.00 (1.90-10.30)	
	Heating	8.50 (1.90-10.50)	
Power Input (W)	Cooling	4.95 (0.90-5.95)	
	Heating	5.10 (1.00-6.20)	
Air Flow Volume (m ³ /h)	Indoor unit (High/Medium/Low)	2.413/2.222/2.027	
	Outdoor unit	7.500	
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	47/49/53	
	Outdoor unit	67	
Sound Power Level [dB(A)]	Indoor/Outdoor Unit	67/72	
Outdoor Fuses (A)		3x25	
Indoor Fuses (A)		-	
Signal Wires (Noxmm2)		3 x 1.0	
Dimensions (WxDxH) (mm)	Indoor Unit	629x456x1.935	
	Outdoor Unit	952x415x1.333	
Net Weight (kg)	Indoor/Outdoor Unit	58.4/106.7	
Liquid Line Gas Line		3/8" 5/8"	
Refrigerant/Charge (g)		R32/2.900	
Operation Temperature Range (°C) Cooling/Heating		-15~-50/-15~-24	

Floor Standing

High performance at low temperatures!



Model		V5MFI-66B / V5MFO-66	
Cooling Capacity (Btu/h)		55.000 (16.500-63.250)	
Cooling Capacity (kWatt)		16.12 (4.84-18.54)	
Heating Capacity (Btu/h)		58.000 (17.400-69.600) + 12.000	
Heating Capacity (kWatt)		17.0 (5.1-20.4) +3.52	
EER		2.70	
COP		3.61	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	14.7
		Energy Class	A++
		SEER	5.7
	Heating (Middle Zone)	Pdesign (kW)	11.6
		Energy Class	A+
		SCOP	4.0
	Heating (Warm Zone)	Pdesign (kW)	12.6
		Energy Class	A+++
		SCOP	5.1
Voltage/Frequency/Phase (V/Hz/Ph)		380-415/50/3	
Current Input (A)	Cooling	10.2 (2.6-13.2)	
	Heating	8.1 (2.0-10.5) +9.3	
Power Input (W)	Cooling	5.97 (1.49-7.73)	
	Heating	4.71 (1.18-6.09) +3.50	
Air Flow Volume (m ³ /h)	Indoor unit (High/Medium/Low)	2.285/1.927/1.479	
	Outdoor unit	7.200	
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	49/54/58	
	Outdoor unit	62.5	
Sound Power Level [dB(A)]	Indoor/Outdoor Unit	67/75	
Outdoor Fuses (A)		3x25	
Indoor Fuses (A)		3x16	
Signal Wires (Noxmm2)		3 x 1.0	
Dimensions (WxDxH) (mm)	Indoor Unit	610x390x1.925	
	Outdoor Unit	952x410x1.333	
Net Weight (kg)	Indoor/Outdoor Unit	60.8/112.8	
Liquid Line Gas Line		3/8" 5/8"	
Refrigerant/Charge (g)		R410A/4.300	
Operation Temperature Range (°C) Cooling/Heating		-15~-50/-15~-24	

Advanced solutions for complete control & management!

BUILDING MANAGEMENT SYSTEM (BMS) CONNECTIVITY

Connect with the Building Management System (BMS) effortlessly to gain full control over your building's operations. With ideal integration of Inventor air conditioning units, alongside ventilation, lighting, and security, you can monitor and adjust settings in real time to meet your specific needs. This smart system not only lowers operational costs, but also detects issues instantly, and minimizes human error with its automated functionalities, ensuring your building operations run efficiently at all times.

ADVANTAGES OF BMS

Full control of Inventor air conditioners

Gain complete access to all functionalities of Inventor air conditioning units connected via the Modbus RTU communication protocol.* This allows seamless integration with the building's management system, ensuring smooth operation and centralized control over cooling, heating, and air quality.

Remote monitoring and adjustments

Track and regulate air conditioner performance from anywhere using real-time data. Adapt cooling and heating settings to match occupancy levels, external weather conditions, and energy consumption goals, ensuring a comfortable and efficient indoor environment.

Immediate fault detection and resolution

The system identifies potential malfunctions and alerts operators instantly, allowing for quick action before issues escalate. This minimizes downtime, prevents costly repairs, and enhances the reliability of the HVAC system.

Automated operations for minimal human error

With pre-set schedules, sensor-based automation, and intelligent analytics, BMS reduces the reliance on manual interventions. This not only prevents misconfigurations but also optimizes system performance while reducing energy waste.

Enhanced energy efficiency and cost savings

By dynamically adjusting HVAC settings, the system minimizes unnecessary energy consumption. The resulting reduction in energy usage translates to lower operational costs, a reduced carbon footprint, and improved sustainability for the enterprise.

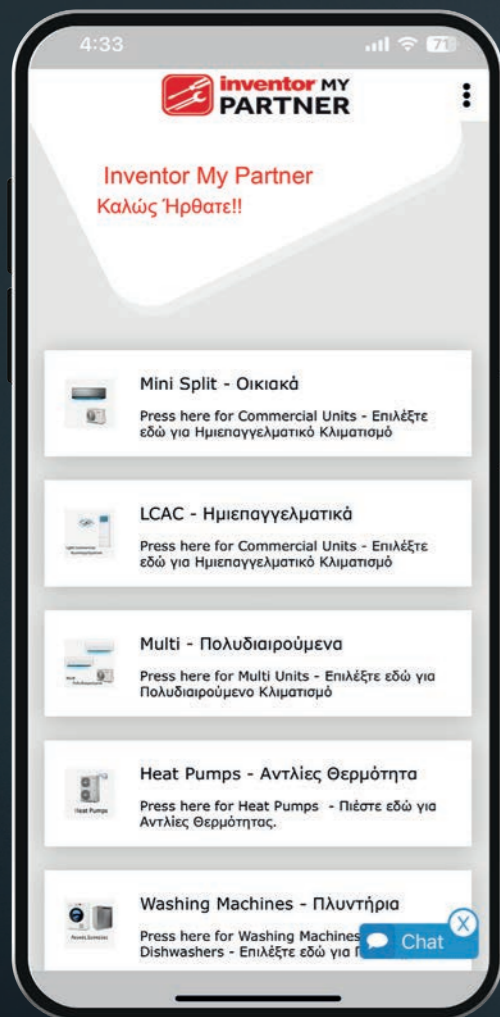
**Purchase of a gateway is required.*



inventor MY PARTNER

THE MOST USEFUL APP FOR EVERY TECHNICIAN!

The Inventor My PARTNER app is designed for professionals requiring instant information. This application provides to qualified technicians seamless and direct access to user manuals and essential technical data for installation, maintenance, or first level diagnose. It allows technicians to effortlessly search for compatible spare parts, ensuring a swift process with no waiting time.



Everything you need during installation or repair:

- | IDU/ODU dimensions, mounting feet distances
- | Power Supply wires/fuse and signal wires
- | Refrigerant type, charge, liquid/gas piping, elevation, length
- | Error Codes explanation

Troubleshooting Guides:

- | No need to look for service manuals anymore
- | Full step-by-step guide, on how to resolve each error

Part Compatibility Lists:

- | Easy spare-part SKU searchor
- | With any part of code
- | With description
- | With unit model name
- | Find all compatible units
- | Photos to facilitate and eliminate mistakes

In depth documentation:

- | IDU/ODU spare-part lists and exploded views
- | For multi systems, IDU/ODU combinations
- | WIFI modules compatibility lists

Portables

TECHNOLOGY FOR FLEXIBLE SOLUTIONS

Discover the perfect cooling and heating solution for small spaces with Inventor portable air conditioners. Designed for homes with limited room for permanent installations, these units offer flexible, efficient cooling and heating without the need for a fixed setup. With the included window kit, installation is quick and hassle-free. Enjoy ideal conditions year-round, effortlessly and economically, whether in summer or winter. Perfect for your vacation house or any space in need of easy climate control.



Magic



Vertical Installation



Horizontal Installation

Model		M3GCO290-09	M3GHP290-12
Cooling Capacity (Btu/h)		9.000	12.000
Cooling Capacity (kWatt)		2.64	3.52
Heating Capacity (Btu/h)		-	10.000
Heating Capacity (kWatt)		-	2.93
Energy Class (Cooling/Heating)		A	A/A+
EER		2.7	2.6
COP		-	2.8
Voltage / Frequency / Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1
Current Input (A)	Cooling	4.3	5.9
	Heating	-	5
Power Input (kW)	Cooling	975	1.35
	Heating	-	1.05
Air Flow Volume (High/Medium/Low) (m ³ /h)		398/366/352	420/370/355
Dehumidifying Volume (L/day)		2.3	81
Noise Level (Low/Medium/High) [dB(A)]		51.2/51.5/52.4	50.6/51.3/52
Sound Power Level [dB(A)]		62	64
Compressor Type		ROTARY	ROTARY
Dimensions (WxDxH) (mm)		454x365x700	467x397x765
Net Weight (kg)		29.5	33.2
Refrigerant / Charge (g)		R290/190	R290/220



Dehumidifiers

TECHNOLOGY FOR A HEALTHY ATMOSPHERE

Inventor dehumidifiers are designed to create a healthier environment by removing excess moisture, improving air quality, and eliminating germs, dust, and bacteria. Featuring innovative Advanced Technology, they «think» for you, automatically adjusting to the conditions in your home. They also prevent mold growth on surfaces like furniture, clothing, and walls, while maintaining the ideal humidity level for a more comfortable atmosphere.

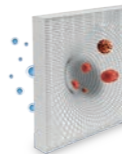


STARDUST



HEPA H11
97,79%

SD-20L-F



Technology that excels, design that impresses!



DC Inverter
Fan Motor



Dehumidifier
& Air Purifier



HEPA Filter
97.79%

Model	SD-IONINV-20L
Dehumidifying Capacity (L/24 hours)	20
Power Consumption (W)	260
Noise Level [dB(A)]	35
Water Tank (L)	4.8

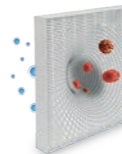
ATMOSPHERE XL

Dehumidifier & air purifier for a proven healthy atmosphere!



HEPA H11
97,79%

ATM-25L-F



Dehumidifier
& Air Purifier



Ultraviolet Type C
technology & Ionizer



HEPA Filter
97.79%

Model	AT-IONUV-25L
Dehumidifying Capacity (L/24 hours)	25
Power Consumption (W)	270
Noise Level [dB(A)]	39
Water Tank (L)	2.9

Rating conditions: Dehumidifying Capacity: 30°C - 80%RH / Power Consumption 26,7°C - 60%RH

COMFORT



Advanced technologies for healthy atmosphere & energy saving!



Smart Dehumidification



Auto Fan Mode



Autonomous Air Purifier Function

Model	CF-WUHI -16L	CF-WUHIB -16L	CF-WUHI -20L	CF-WUHIB -20L
Dehumidifying Capacity (L/24 hours)	16	16	20	20
Power Consumption (W)	279	279	285	285
Noise Level [dB(A)]	39	39	39	39
Water Tank (L)	3.8	3.8	3.8	3.8

COMFORT



Freshness, comfort, and energy saving that can make a difference!



Ionizer



Smart Dehumidification



Clothes Drying

Model	CF-ION-10L	CF-ION-12L
Dehumidifying Capacity (L/24 hours)	10	12
Power Consumption (W)	160	175
Noise Level [dB(A)]	35	36
Water Tank (L)	1.6	1.6

COMBO



Smart, powerful dehumidifier tailored to your needs!



Smart Design



Large 12 litre water tank with 4 levels of selection



Ultraviolet Type C technology & Ionizer

Model	CB-WUI-20L
Dehumidifying Capacity (L/24 hours)	20
Power Consumption (W)	280
Noise Level [dB(A)]	41
Water Tank (L)	12

SMART



Flexibility and comfort, to the maximum!



Clothes Drying Smart Sensor



Antibacterial Protection



4D Swing Louver

Model	SMR-25L
Dehumidifying Capacity (L/24 hours)	25
Power Consumption (W)	247
Noise Level [dB(A)]	39
Water Tank (L)	4.0

Rise PRO



Desiccant dehumidifier suitable for areas with insufficient heating!



ZeoGen Technology



Ultraviolet Type C technology & Ionizer



Humidity Light Indicator

Model	RS-WUI-08L
Dehumidifying Capacity (L/24 hours)	8
Power Consumption (W)	30/330/650*
Noise Level [dB(A)]	39
Water Tank (L)	2.5

Air Purifiers

TECHNOLOGY FOR COMFORT & IDEAL CONDITIONS

Transform the air quality in your space with an Inventor air purifier. Enjoy a fresher, healthier atmosphere as our advanced filtration system works efficiently to enhance air purity. With multiple filtration stages, low energy consumption, HEPA filters, and smart sensor indicators, Inventor's air purifiers provide exceptional performance and peace of mind, ensuring your environment is always clean and comfortable.



QUALITY 300



HEPA 97,5%

Pleasant & healthy environment!



HEPA Filter 97.5%



4 Air Filtration Stages & Ionizer



Sensors

Model	QLT-300
Air Filtration Capacity	HEPA H11 97,5%
Power Consumption (W)	4/6/11/19
CADR (m³/h)	300
Noise Level [db(A)]	29/30/39/45/50
Room Coverage up to (m²/m³)	45/135
Filtration Stages	4
Fan Speeds	4

QUALITY 550



True HEPA H13 99,97%

Upgraded air quality!



HEPA Filter H13 99.97%



6 Air Filtration Stages & Ionizer



Double Filtration System

Model	QLT-550
Air Filtration Capacity	True HEPA H13 - 99.97%
Power Consumption (W)	4/6/10/23/35
CADR (m³/h)	550
Noise Level [db(A)]	26/31/38/49/54
Room Coverage up to (m²/m³)	85/255
Filtration Stages	6
Fan Speeds	5

QUALITY 700



True HEPA H13 99,97%

Superior air quality, suitable for large spaces!



HEPA Filter 97.5%



6 Air Filtration Stages & Ionizer



Double Filtration System

Model	QLT-700
Air Filtration Capacity	True HEPA H13 - 99.97%
Power Consumption (W)	4/8/16/29/48
CADR (m³/h)	700
Noise Level [db(A)]	30/43/46/51/56
Room Coverage up to (m²/m³)	100/300
Filtration Stages	6
Fan Speeds	5





Inventor A.G. S.A.
Part of BEUER-REC

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The company bears no responsibility for any possible typos, in product specifications. The technical specifications are subject to change without notice.
For possible differentiations, you may contact the Inventor Customer Service Department at +30 211 300 3300, service@inventor.ac.

The wiring specifications for air conditioners and air-to-water heat pumps should always comply with the local regulations and requirements.