



Residential
Air Conditioners



Commercial
Air Conditioners



Air-to-Water
Heat Pumps

Discover Technology

Inventor A.G. S.A. celebrates over five decades of thriving operations in the Greek market, marking a legacy of success. With a strong footprint in air treatment and electric appliances, Inventor has built a reputation for delivering premium-quality products complemented by unique service. Inventor's product portfolio extends its reach to more than 69 countries, facilitated by a well-structured sales network. Dealers benefit from specialized marketing support and dedicated after-sales assistance, ensuring a seamless experience for both B2B and B2C levels.



For ideal conditions at home!

Inventor air conditioners create the perfect environment at your space thanks to upgraded features, while the wide range of dehumidifiers and air purifiers guarantee a healthy atmosphere for you and your loved ones.



For the high demands of each professional

Inventor's commercial air conditioners deliver high-performance, energy-efficient solutions especially designed for businesses. Inventor products are ideal for hotel units, as they are equipped with features such as the Hotel Menu function, a customized engineering mode that allows the centralized control of many devices, offering energy efficiency solutions (i.e., adjusting the set temperature range, remote on/off etc.).



For sustainable energy saving solutions

Inventor designed the Matrix series of air-to-water heat pumps, focusing to environmental sustainability. The Matrix series offer the perfect solution for all heating, cooling, and domestic hot water needs. With its high energy efficiency, the Matrix series not only enhances the comfort of your home but also elevates the energy efficiency rating of your household, leading to significant energy savings.

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 high-tech 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 assures both partners and end consumers of the quality of its products.



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

Sustainable temperature control for all!

Inventor is proud to obtain the ESG certificate, manifesting the company's commitment to Environmental, Social, and Governance principles.



Heat Pumps

Tomorrow's technology in heating!

Inventor heat pumps are the ideal energy saving solution, as they are developed to meet the new trends and demands in heating, cooling and domestic hot water (DHW). Combining both, comfort and energy efficiency, they cover the needs of your household while operating efficiently, even in extreme outdoor temperatures!



Heating



Cooling



Domestic Hot Water

Matrix	Monoblock Type								Split Type							
	6kW	8kW	10kW	12kW	14kW	16kW	22kW	30kW	4kW	6kW	8kW	10kW	12kW	14kW	16kW	
220-240/50/1		•	•	•	•	•										
220-240/50/1*	•	•	•	•	•	•			•	•	•	•	•	•	•	•
380-415/50/3				•	•	•	•	•								
380-415/50/3**				•	•	•							•	•	•	

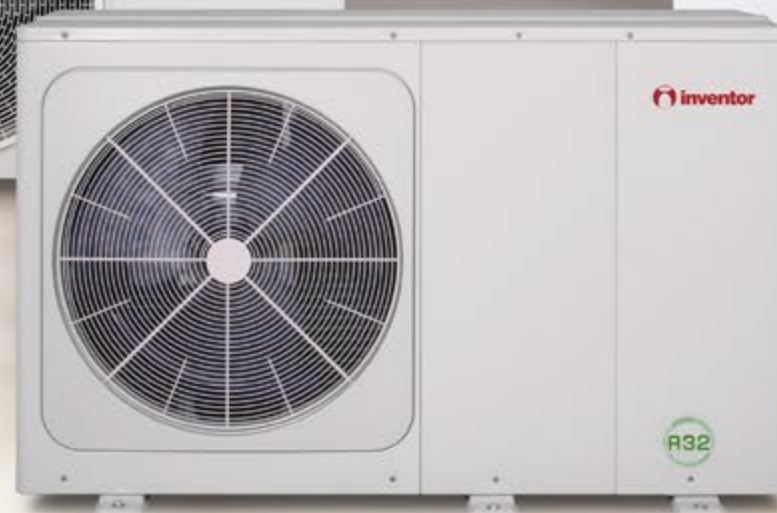
* integrated electrical heater 3kW
 ** integrated electrical heater 9kW

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.

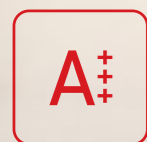
Heat Pumps



Inventor always strives to bring tomorrow's technology to your home. The Matrix heat pumps ensure maximum energy savings and comfort, thanks to features such as the energy class A+++, rapid hot water production, two stages of silent operation, and Wi-Fi functionality. Inventor heat pumps are the ideal solution for your space, upgrading your home energy efficiency.

Energy Saving Solution

Meet Inventor heat pumps' high-end features that reduce power consumption, saving energy and money.



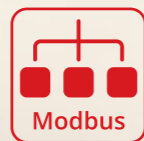
A+++
Energy Class



Compressor
and Chassis
Heating Belt



Smart Grid



Modbus RTU



Wi-Fi Standard



Weekly Planner

Absolute Control & Flexibility

Inventor heat pumps feature all the functions necessary for exceptional comfort, adapting to your needs in a quick and easy manner.



Flexible
Installation



Built-in Water
Tank



Ready-to-use
system for guar-
anteed results

Easy Installation

Inventor heat pumps include everything the installer needs for easy installation without stress and hassle.

Split Type Heat Pumps



4-16kW

Model			ATS04S/HU060S3	ATS06S/HU060S3	ATS08S/HU100S3	ATS10S/HU100S3	ATS12S/HU160S3	ATS14S/HU160S3	ATS16S/HU160S3	ATS12T/HU160T9	ATS14T/HU160T9	ATS16T/HU160T9		
Space Heating (Average Climate)	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	4.50	
	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	2.90	
Space Cooling	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	3.40	
	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	2.45	
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ηs (%)		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	ηs (%)		129	138	131	136	135	135	133	135	135	133	
		class		A++	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/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				Twin rotary Mitsubishi							
Refrigerant	Type / Charged volume	kg	R32/1.50			R32/1.65			R32/1.84					
Water side heat exchanger			Plate type						Plate type					
Water side connection	Liquid Gas Water (inner dimension)	inch	1/4" 5/8" R1"			3/8" 5/8" R1"			3/8" 5/8" R1"					
Indoor Fuses	A		2x20 [bipolar fuse (type K)]				2x20 [bipolar fuse (type K)]				4x20 [quadripolar fuse (type K)]			
Outdoor Fuses	A		2x20 [bipolar fuse (type K)]				2x25 [bipolar fuse (type K)]	2x32 [bipolar fuse (type K)]			4x20 [quadripolar fuse (type K)]			
Power Supply Wire	No. x mm ² / No. x A		3x1.0 shielded						3x1.0 shielded					
Sound (power/pressure/pressure silent 2)	Cooling	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		
	Heating		38/28			42/30			43/32					
Unit dimension (W×H×D)	Cooling	mm	1.008x712x426			1.118x865x523			1.118x865x523					
	Heating		420x790x270						420x790x270					
Net weight ODU/IDU	kg		58/37			75/37			97/39			112/45		
Outdoor air temperature range	Cooling	°C	-5~43						-5~43					
	Heating	°C	-25~35						-25~35					
	ZNX	°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					
	ZNX (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.



Split Type Heat Pumps - Integrated

With integrated water tank



Outdoor Unit Model			ATS04S		ATS06S		ATS08S		ATS10S		ATS12S	ATS14S	ATS16S	ATS12T	ATS14T	ATS16T	
Indoor Unit			HU100WT190S3	HU100WT240S3	HU100WT190S3	HU100WT240S3	HU100WT190S3	HU100WT240S3	HU100WT190S3	HU100WT240S3	HU160WT240S3	HU160WT240S3	HU160WT240S3	HU160WT240T9	HU160WT240T9	HU160WT240T9	
Space Heating (Average Climate)	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
Space Cooling	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	ηs (%)	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	ηs (%)	129.50	129.50	137.90	137.90	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/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		18/12	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			R32/1.65			R32/1.84					
Water side heat exchanger			Plate type						Plate type								
Pipe size	Liquid Gas Water (inner dimension)	inch	1/4" 5/8" R1"			3/8" 5/8" R1"			3/8" 5/8" R1"								
Indoor Fuses	A		2x20 [bipolar fuse (type K)]						2x20 [bipolar fuse (type K)]						4x16 [quadripolar fuse (type K)]		
Outdoor Fuses	A		2x20 [bipolar fuse (type K)]						2x20 [bipolar fuse (type K)]		2x25 [bipolar fuse (type K)]		2x32 [bipolar fuse (type K)]		4x16 [quadripolar fuse (type K)]		
Signal Wires	No. x mm² / 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	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	42/24	44/25	44/24		
Unit dimension (W×H×D)	Outdoor	mm	1.008x712x426			1.118x865x523			1.118x865x523								
	Indoor		600x1.683x600	600x1.943x600	600x1.683x600	600x1.943x600	600x1.683x600	600x1.943x600	600x1.683x600	600x1.943x600	600x1.943x600						
Net weight ODU/IDU	kg	58/140	58/157	58/140	58/157	75/140	75/157	75/140	75/157	97/159	112/159						
Hot container Water	Capacity	L	190	240	190	240	190	240	190	240	240			240			
	Maximum Water Temperature (Decontamination operation)	°C	70						70								
	Maximum Water Pressure	bar	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.

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

Monoblock Type Heat Pumps

With integrated electric heater



6-16kW

Model				ATMH06S3	ATMH08S3	ATMH10S3	ATMH12S3	ATMH14S3	ATMH16S3	ATMH12T9	ATMH14T9	ATMH16T9		
Space Heating (Average Climate)	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	4.50		
	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	2.85		
Space Cooling	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	3.40		
	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	2.50		
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ηs (%)		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	ηs (%)		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/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	18/14	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"						R 1-1/4"					
Fuses	A	2x32 [bipolar fuse (type K)]			2x50 [bipolar fuse (type K)]			2x50 [bipolar fuse (type K)]			4x25 [quadripolar fuse (type K)]			
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	1.295x718x429	1.385x865x526						1.385x865x526					
Net weight	kg	91	110			134			149					
Outdoor air temperature range	Cooling	°C	-5~43						-5~43					
	Heating	°C	-25~35						-25~35					
	ZNX	°C	-25~43						-25~43					
Water outlet temperature range	Cooling	°C	5~30						5~30					
	Heating	°C	12~65						12~65					
	ZNX (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.

Monoblock Type Heat Pumps

Without integrated electric heater



Model				ATM08S	ATM10S	ATM12S	ATM14S	ATM16S	ATM12T	ATM14T	ATM16T	ATM22T	ATM30T			
Space Heating (Average Climate)	Water temperature 35°C	Capacity	kW	8.40	10.0	12.1	14.5	15.9	12.1	14.5	15.9	22.0	30.1			
		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	22.0	30.0			
		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		
Space Cooling	Water temperature 18°C	Capacity	kW	8.30	9.90	12.00	13.50	14.90	12.00	13.50	14.90	23.00	31.00			
		Rated input	kW	1.64	2.18	3.04	3.75	4.38	3.04	3.75	4.38	5.00	7.75			
		EER			5.05	4.55	3.95	3.60	3.40	3.95	3.60	3.40	4.60	4.00		
	Water temperature 7°C	Capacity	kW	7.45	8.20	11.5	12.4	14.0	11.5	12.4	14.0	21.00	29.50			
		Rated input	kW	2.22	2.52	4.18	4.96	5.60	4.18	4.96	5.60	7.12	11.57			
		EER			3.35	3.25	2.75	2.50	2.50	2.75	2.50	2.50	2.95	2.55		
Seasonal space heating energy efficiency class (Average)	Water outlet at 35°C	ηs (%)	205	204	189	185	181.7	189	185	185	181.6	178.1	164.5			
	Water outlet at 55°C	ηs (%)	131	136	135	135	133.3	135	135	135	133	125.8	122.5			
SCOP (Average)	Water outlet at 35°C	class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A++			
	Water outlet at 55°C	class	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A+			
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/Hz/Ph	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"														
Fuses	A		2x20 [bipolar fuse (type K)]		2x25 [bipolar fuse (type K)]		2x32 [bipolar fuse (type K)]		2x32 [bipolar fuse (type K)]		4x16 [quadripolar fuse (type K)]		4x25 [quadripolar fuse (type K)]	4x32 [quadripolar fuse (type K)]		
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	1.385x865x526														
Net weight	kg	105			129			129			144			177		
Outdoor air temperature range	Cooling	°C	-5~43						-5~43						-5~46	
	Heating	°C	-25~35						-25~35						-25~35	
	ZNX	°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	
	ZNX (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.

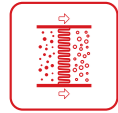
Wiring specifications for air-to-water heat pumps must always comply with local regulations and requirements.

Wall Mounted Air Conditioners

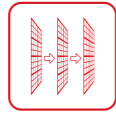
Technology for easy living!

Inventor air conditioners are specially designed for high performance all year round, meticulously crafted for excellence in both summer and winter extremes. Their cutting-edge technology offers smart functions, indisputable reliability, and eco-friendly energy-saving solutions. The high standard design is enriched by smart Wi-Fi technology, for absolute control. Enjoy superior air quality and perfect temperature. Inventor's advanced technology makes possible for you to create your ideal conditions for a better life!





Sterilization HEPA Filter



Triple Action Filter



8°C Heating



Follow Me



Wi-Fi Standard

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	1.020/830/640	
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 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	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	



Ionizer

Enjoy clean and healthy air as the ionizer ensures the removal of malicious floating particles, such as germs, bacteria, viruses, smoke, dust, odours etc., and offers exceptionally high-quality atmosphere with a sense of freshness.



Hotel Menu

Save up to 70% energy with Hotel Menu, a customized engineering mode that includes a set of specially designed functions that contribute to a more efficient and economical operation of the air conditioners installed in hotel units.



4 Way Air Flow

Secure effective air distribution, even at the most difficult to reach parts of the room, thanks to the automatic movement of the swing louvers, both horizontally and vertically.





Hotel Menu



Wi-Fi Standard



56°C Sterilization*



Central Control**



Remote On/Off**

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	1470	1715
	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	1235	1455
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 (kW)	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	1090/770/610	
Noise Level [dB(A)]	Indoor Unit (Silent/Low/Medium/High)	20/25.5/29/37	21/25/29/37.5	20/21/37/41	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	R32/1.100	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	

* It applies only to 18k and 24k Btu. **The purchase of connection kit is required.



Ultraviolet Technology Type C & Ionizer

Ensure a germ-free and clean environment with Ultraviolet Type C technology and Ionizer. The UV-C technology eliminates microorganisms with a 265-275nm wave, while the ionizer naturally removes harmful particles like germs, bacteria, pollen, viruses, and odours, providing a consistently fresh atmosphere.



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.



Follow Me

The Follow Me function allows you to set the desired temperature exactly where you are. A smart sensor is located on the remote control and 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. Ideal for the long cold days, isn't it?





Breeze Away



Technology Ultraviolet Type C & Ionizer



Ultra Silent Mode 19dB(A)



Follow Me



Heating Performance Under -20°C

Model		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 (kW)	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	



A+++ Energy Class in Cooling & Heating Mode

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

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.





Chasis Heating Belt



Heating Performance at -25°C*



Wi-Fi Standard



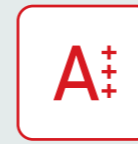
Follow Me



Hotel Menu

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 (kW)	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	1.092/724/379	
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	1.050x250x319	1.180x280x360	
	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	

*It applies only to 9k and 12k Btu.



A+++ Energy Class in Cooling & Heating Mode

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.



Ultraviolet Technology Type C & Ionizer

Ensure a germ-free and clean environment with Ultraviolet Type C technology and Ionizer. The UV-C technology eliminates microorganisms with a 265-275nm wave, while the Ionizer naturally removes harmful particles like germs, bacteria, pollen, viruses, and odours, providing a consistently fresh atmosphere.



ECO Mode

Save energy with the ECO function that automatically adjusts the air conditioner temperature to 24°C, while setting the fan speed to auto. Combine this function with GEAR mode to achieve the most cost-saving performance of the compressor.





Wi-Fi Standard



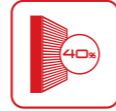
Innovative Design



Silent Mode



Heating Performance at -20°C



High Density Air Dust Filter

Model		DR2VI-09WFI/ DR2VO-09	DR2VI-12WFI/ DR2VO-12	DR2VI32-18WFI/ DR2VO32-18	DR2VI32-24WFI/ DR2VO32-24	
Cooling Capacity (Btu/h)		9.000 (2.730-12.620)	12.000 (3.410-13.650)	18.000 (4.430-19.790)	24.000 (7.500-29.000)	
Cooling Capacity (kWatt)		2.6 (0.8-3.2)	3.5 (1.0-4.0)	5.0 (1.30-5.80)	7.0 (2.2-8.5)	
Heating Capacity (Btu/h)		11.000 (2.730-14.330)	14.500 (3.410-17.740)	18.150 (4.770-20.470)	28.000 (8.190-34.120)	
Heating Capacity (kWatt)		3.2 (0.8-4.2)	4.2 (1.0-5.2)	5.2 (1.4-6.0)	8.1 (2.40-10.0)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5	5.0	7.0
		Energy Class	A+++	A+++	A++	A++
		SEER	8.5	8.5	6.1	7.1
		Annual Power Consumption (kWh/year)	107	144	287	350
	Heating (Middle Zone)	Pdesign (kW)	2.4	2.8	4.6	5.6
		Energy Class	A++	A++	A+	A+
		SCOP	4.6	4.6	4.0	4.0
		Annual Power Consumption (kWh/year)	731	854	1.610	1.963
	Heating (Warm Zone)	Pdesign (kW)	2.3	2.8	4.6	5.6
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.1	5.1	5.1	5.1
		Annual Power Consumption (kWh/year)	631	768	1.263	1.537
Voltage / Frequency / Phase (V/Hz/Ph)		230/50/1	230/50/1	230/50/1	230/50/1	
Current Input (A)	Cooling	2.9 (0.9-6.7)	3.9 (1.4-6.7)	6.5 (1.8-8.9)	9.6 (3.2-13)	
	Heating	3.6 (1.3-7.2)	5.0 (1.3-7.2)	6.3 (2.3-11.3)	9.7 (3.2-13)	
Power Input (kW)	Cooling	0.65 (0.2-1.5)	0.87 (0.3-1.5)	1.46 (0.40-2.00)	2.16 (0.70-2.90)	
	Heating	0.8 (0.3-1.6)	1.1 (0.5-1.6)	1.40 (0.52-2.50)	2.18 (0.70-2.90)	
Air Flow Volume (High/Medium/Low) (m³/h)		650/600/500/450	700/650/550/500	1.000/900/800/600	1.300/1.200/1.000/850	
Noise Level [dB(A)]	Indoor Unit (Silent/Low/Medium/High)	20/25/30/35	22/29/33/38	30/35/40/44	30/37/43/47	
	Outdoor Unit	47	48	53	52	
Sound Power Level [dB(A)]	Indoor Unit	54	56	59	60	
	Outdoor Unit	59	61	65	65	
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"	1/4" 1/2"	
Fuses (A)		10	10	16	16	
Signal Wires (Noxmm²)		4x1.5	4x1.5	4x1.5	4x1.5	
Dimensions (WxDxH) (mm)	Indoor Unit	887x211x281	887x211x281	1.030x233x322	1.115x248x336	
	Outdoor Unit	800x280x550	800x280x550	800x280x550	890x353x697	
Net Weight (kg)		10.0/29.0	10.0/31.5	13.0/32.7	16.0/51.0	
Refrigerant / Charge (g)		R32/650	R32/940	R32/900	R32/1.200	
Outdoor Operation Temperature Range (°C)	Cooling	-20-43	-20-43	-20-43	-20-43	
	Heating	-20-24	-20-24	-20-24	-20-24	



A+++ Energy Class in Cooling & Heating Mode

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.



Aqua Ionizer

Create a healthy environment of pure, fresh air, using the Aqua Ionizer. This advanced feature purifies air through positive and negative ions, which neutralize harmful airborne particles, naturally and effectively.



4 Way Air Flow

Enjoy perfect air flow and ideal temperatures even at the most difficult to reach parts of the room – like under the stairs or in high-ceiling spaces – with the automatic movement of the swing louvers. The air outlet louvers automatically move horizontally and vertically ensuring that the air is evenly distributed towards all directions.



Commercial Air Conditioners

Technology for business excellence

Benefit from Inventor's expertise in professional solutions and upgrade the energy efficiency of your business while creating the ideal environment for your colleagues.



Multi-split Air Conditioners

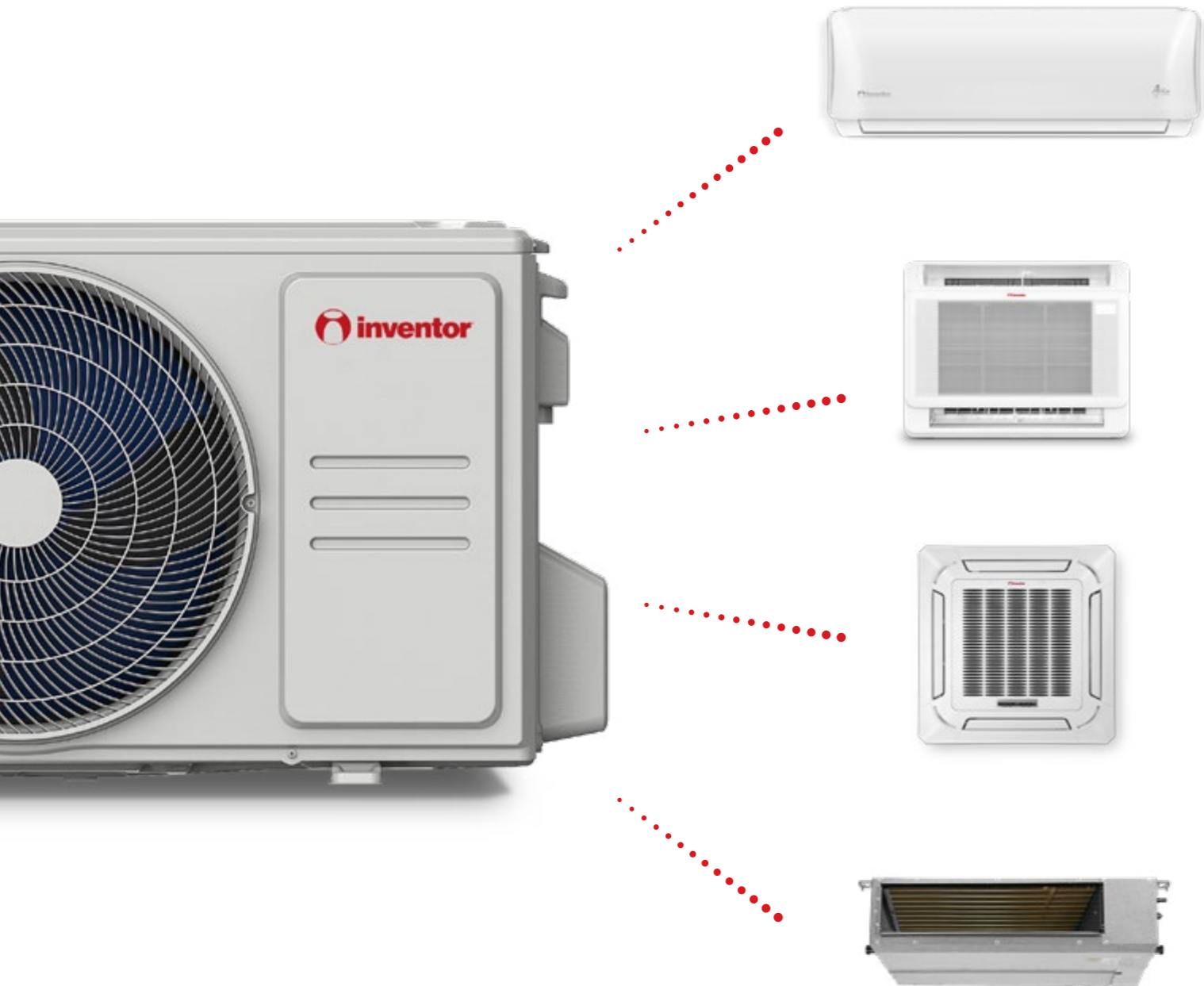
The multi-split air conditioners have a wide variety of indoor units and thus, offer a variety of combinations. The possibility of connecting up to 5 indoor units with one outdoor unit offers flexible installation and provides solutions for spaces with construction difficulties. In addition, thanks to the high energy class, the Inventor multi-split air conditioners ensure excellent performance and energy saving.

LCAC

The wide range of Inventor's Light Commercial air conditioners ensures perfect adaptation to every need. The special design of the units makes it possible to meet the needs of the most demanding installations, even with limited space. They are ideal for both small and large commercial premises, as they offer excellent performance with simultaneous energy saving, as their control is simple and easy through a centralized controller.

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

Multi Split Air Conditioners

Outdoor Units

Power, credibility & flexible installation!



Electronic Expansion Valve per Circuit



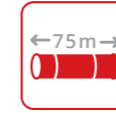
Golden Fin



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 (WxDxH) (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		2 x (1/4" 3/8")	3 x (1/4" 3/8")	3 x (1/4" 3/8") + 1 x (1/4" 1/2")	4 x (1/4" 3/8") + 1 x (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	80	
	For one Indoor Unit	25	30	35	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 "Pdesign", "Energy Class" and "SEER/SCOP" in Cooling, Heating (Middle Zone) & Heating (Warm Zone), refers to the combination of outdoor units with Cassette type indoor units.

Wall Mounted

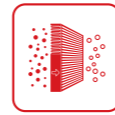
Ideal conditions for comfort and energy saving!



Hotel Menu



Wi-Fi



HEPA Filter



4 Way Air Flow



Follow Me



Sleep Mode

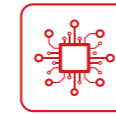
Model	AR5VI-09Wi-Fi	AR5VI-12Wi-Fi	AR5VI-18Wi-Fi	AR5VI-24Wi-Fi
Cooling Capacity (Btu/h)	9.000	12.000	18.000	24.000
Cooling Capacity (kWatt)	2.64	3.52	5.28	7.03
Heating Capacity (Btu/h)	10.000	13.000	19.000	25.000
Heating Capacity (kWatt)	2.93	3.81	5.57	7.33
Voltage/Frequency/Phase (V/Hz/Ph)	220-240/50/1	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	1.080x226x335
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!



Wi-Fi Ready



Building Management System



Remote On/Off (optional)



360° Air Outlet



Built-in Drain Pump



Fresh Air Intake

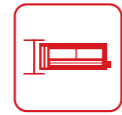


The wired weekly planner controller is optional.

Model	LV6CI-12Wi-Fi	LV6CI-18Wi-Fi
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



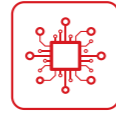
Adjustable Static Pressure & Air Flow Volume



Weekly Planner Controller



Wi-Fi Ready



Building Management System



Built-in Drain Pump

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
	Heating	1.1
Power Input (kW)	Cooling	0.19
	Heating	0.19
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
	Heating	4.4
Power Input (kW)	Cooling	1.00
	Heating	0.98
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

The ultimate air-conditioning solution, tailored for any environment. Our cutting-edge technology ensures optimal comfort and energy efficiency, providing a versatile cooling and heating solution for diverse spaces.

Ducted air conditioners for easy installation and absolute adjustment in your daily needs



Cassettes with ergonomic design for every workplace



Floor Standing for high performance even at low temperatures



Consoles for flexible use, ideal for small offices and businesses



Floor Ceiling units for excellent performance, ideal for hotel use

Perfect Adjustment to your needs

Cost saving solutions for the enterprise of tomorrow

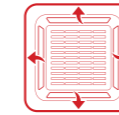
Light Commercial Air Conditioners

Cassettes

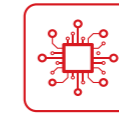
Ergonomic design & high performance!



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	

*Available to 24-60k Btu.

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 (High/Medium/Low) (m³/h)		512/480/370	560/480/400	
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	21/27/34/37	24/32/38/41	
	Outdoor unit	54	55	
Sound Power Level [dB(A)]	Indoor/Outdoor Unit	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 Unit	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)		R32/110	R32/1.150	
Operation Temperature Range (°C) Cooling/ Heating		-15-50/-15-24	-15-50/-15-24	

Floor Ceiling

Advanced functions for ideal conditions!



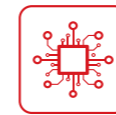
Central Control Management (Optional)



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) (m³/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!



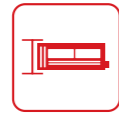
Adjustable Static Pressure & Air Flow Volume



Weekly Planner Controller



Building Management System



Super Slim Design



Wi-Fi Ready



Built-in Drain Pump

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) (m³/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



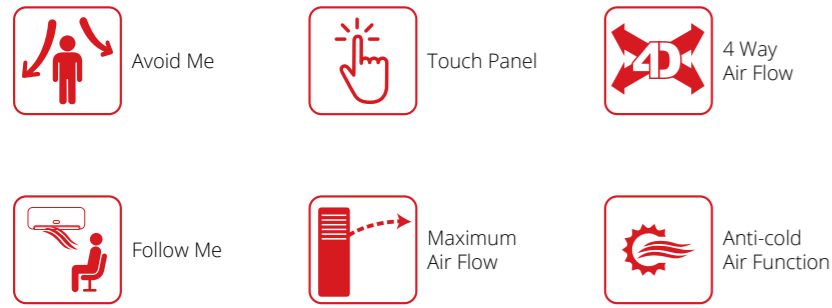
Turbo Mode



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 (kW)	Cooling	3.3	
	Heating	4.0	
Air Flow Volume [m³/h]	Indoor Unit (High/Medium/Low)	1350/1.000/900	
	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	
Outdoor Fuses (A)	1x25		
Indoor Fuses (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		

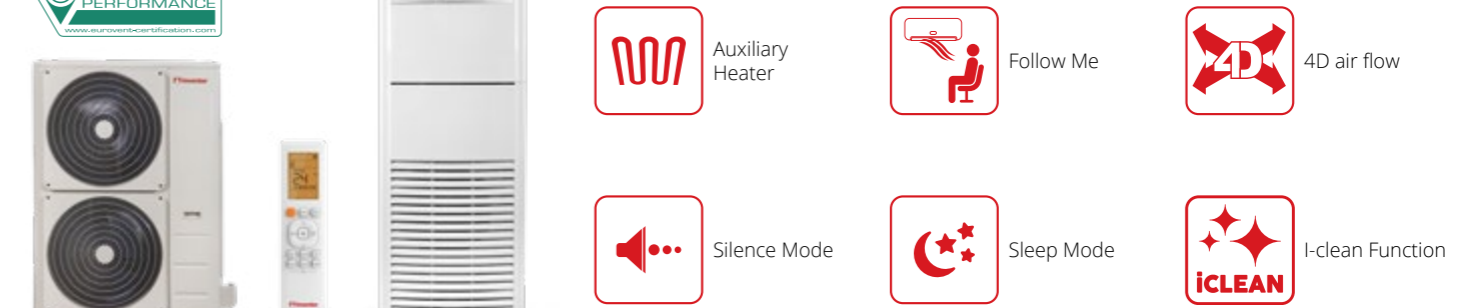
Floor Standing Even temperature distribution in your room!



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 (kW)	Cooling	4.95 (0.90-5.95)	
	Heating	5.10 (1.00-6.20)	
Air Flow Volume [m³/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)		4 x 1.5	
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 (kW)	Cooling	5.97 (1.49-7.73)	
	Heating	4.71 (1.18-6.09) +3.50	
Air Flow Volume [m³/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 0.2 Shield	
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	



Integrated Digital Management Service

Inventor commercial air conditioners can be integrated into your Building Management System (BMS), ensuring comprehensive control of your business. Create a unified ecosystem by incorporating air conditioning into the same central management system as ventilation, lighting, and security systems, guaranteeing their seamless alignment with your building's needs instantly, easily, and efficiently.

Advantages of BMS:

1. Full control of Inventor air conditioners connected to the system via the Modbus RTU communication protocol*.
2. Monitoring and adjustment of air conditioner operations remotely according to evolving needs.
3. Immediate fault detection and, consequently, swift issue resolution.
4. Automation of functions to reduce the likelihood of human error.
5. **Energy savings and, by extension, operational cost reduction for the enterprise.**

**Purchase of a gateway is required.*

Portables



Technology for flexible solutions

Discover the perfect cooling and heating solution for confined spaces using Inventor portable air conditioners. Tailormade for homes with limited room for permanent installations, these units offer flexible and efficient cooling without the need for a fixed setup. Achieve the ideal conditions effortlessly and economically, both in summer and winter, ensuring quick and convenient climate control year-round. Ideal for your vacation house, isn't it?

Portables



Model	CHILLY CHLCO-09WK	Magic M3GCO290-09	Magic M3GHP290-12	
Cooling Capacity (Btu/h)	9.000	9000	12.000	
Cooling Capacity (kWatt)	2.64	2.64	3.52	
Heating Capacity (Btu/h)	-	-	10.000	
Heating Capacity (kWatt)	-	-	2.93	
Energy Class (Cooling/Heating)	A/-	A	A/A+	
EER	2.6	2.7	2.6	
COP	-	-	2.8	
Voltage / Frequency / Phase (V/Hz/Ph)	220-240/50/1	220-240/50/1	220-240/50/1	
Current Input (A)	Cooling	4.35	4.3	5.9
	Heating	-	-	5
Power Input (kW)	Cooling	1.00	975	1.35
	Heating	-	-	1.05
Air Flow Volume (High/Medium/Low) (m³/h)	295-/195	398/366/352	420/370/355	
Dehumidifying Volume (L/day)	51	2.3	81	
Noise Level (Low/Medium/High) [dB(A)]	47.5/52.0	51.2/51.5/52.4	50.6/51.3/52	
Sound Power Level [dB(A)]	63	62	64	
Compressor Type	ROTARY	ROTARY	ROTARY	
Dimensions (WxDxH) (mm)	350x383x718	454x365x700	467x397x765	
Net Weight (kg)	24.7	29.5	33.2	
Refrigerant / Charge (g)	R290/170	R290/190	R290/220	

Dehumidifiers



Technology for healthy atmosphere

Inventor dehumidifiers are meticulously crafted to foster a health-conscious environment. By efficiently eliminating excess moisture, they focus on enhancing air quality, free from germs, dust, and bacteria. They also help prevent the growth of mold on various surfaces such as clothing, furniture, and walls. The advanced technologies applied guarantee an ideal level of humidity in the room to create a better atmosphere.



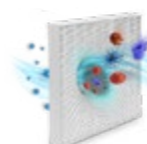
Dehumidifiers

STARDUST

Technology that excels, design that impresses!



HEPA H11
97,79%

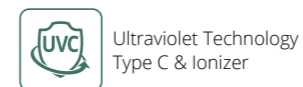


SD-20L-F

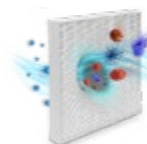
Model	SD-IONINV-20L
Dehumidifying Capacity (L/24 hours)	20
Power Consumption (W)	260
Noise Level [dB(A)]	35
Water Tank (L)	4.8

ATMOSPHERE XL

Dehumidifier & air purifier for a proven healthy atmosphere!



HEPA H11
97,79%



ATM-25L-F

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

Dehumidifiers

COMFORT

Advanced technologies for healthy atmosphere & energy saving!



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

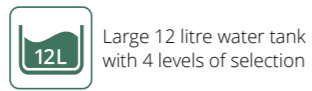
HEPA Filter H13 99.97%



CF-WUHI-F

COMBO

Smart, powerful dehumidifier tailored to your needs!



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

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

Dehumidifiers

COMFORT

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



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

WIFI POWER

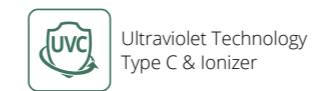
High-performance dehumidifier ideal for large spaces!



Model	PWR-WIFI-50L
Dehumidifying Capacity (L/24 hours)	50
Power Consumption (W)	550
Noise Level [dB(A)]	49/48
Water Tank (L)	6

Rise PRO

Desiccant dehumidifier suitable for areas with insufficient heating!



Model	RS-WUI-08L
Dehumidifying Capacity (L/24 hours)	8
Power Consumption (W)	30/330/650**
Noise Level [dB(A)]	38
Water Tank (L)	2.5

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

** Power Consumption 30W in fan mode / 330W in ECO mode / 650W in TURBO mode.

Air Purifiers



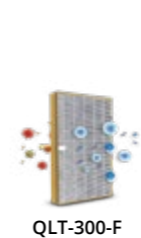
Technology for comfort & ideal conditions

Upgrade the air quality of your space by investing in an air purifier. Experience the effective enhancement of the air quality, as the purifier creates a fresh and healthy atmosphere. The numerous filtration stages, the low energy consumption, the HEPA filters and the various sensor indicators are some of the unique advantages of Inventor's air purifiers that stand out.

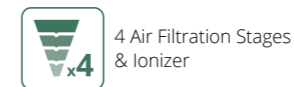


Air Purifiers

QUALITY 300 Pleasant & healthy environment!



HEPA 97,5%

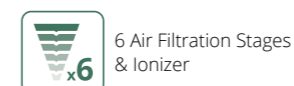


Model	QLT-300
Air Filtration Capacity	HEPA H11 97,5%
Power Consumption (W)	4/6/11/19/30
CADR (m³/h)	300
Noise Level [db(A)]	29/30/39/45/50
Room Coverage up to (m²/m³)	45/135
Filtration Stages	4
Fan Speeds	4

QUALITY 550 Upgraded air quality!



True HEPA H13 99,97%

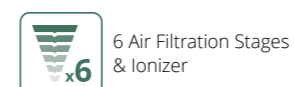


Model	QLT-550
Air Filtration Capacity	True HEPA H13 99,97%
Power Consumption (W)	4/6/10/23/35
CADR (m³/h)	550
Noise Level [db(A)]	26/31/38/49/54
Room Coverage up to (m²/m³)	85/255
Filtration Stages	6
Fan Speeds	5

QUALITY 700 Superior air quality, suitable for large spaces!



True HEPA H13 99,97%



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

Smart Applications

Inventor technology at your service!



Connect & get full control of your appliances!

The Inventor Control App offers you complete control over your Inventor appliances, from any location. The app provides you with numerous possibilities to adjust the operation of the devices based on your needs, by creating personalized scenarios. Use the weather forecast, your everyday schedule or the conditions that may arise during the day and let your devices operate automatically, only for you!

- **Central Control of Inventor Appliances**
The app serves as the centralized hub for managing all your Inventor appliances.
- **Automatic Notifications**
Receive real-time notifications to stay informed about the status and performance of your appliances.
- **Weekly Schedule**
The app allows you to automate device operations at specific times and on designated days.
- **Voice Command Function**
Experience hands-free control through the voice command feature.
- **Smart Scenarios**
Design specific scenarios to meet your individual preferences and needs.



The most useful app for every technician!

The Inventor My PARTNER app is designed for professionals requiring instant information. This application provides qualified technicians with 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.



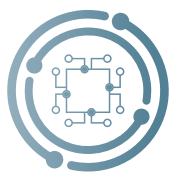
Inventor Control APP is compatible with Google Assistant*, Amazon Alexa** and Siri Shortcuts.

* Google is a trademark of Google LLC. Google Assistant is not available in certain languages and countries.
** Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.





Energy Saving
Solutions



High
Performance



Incomparable
Comfort

Inventor A.G. S.A.
Part of BEIER REF

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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.