

Discover Technology



Residential
Air Conditioners



Commercial
Air Conditioners



Air-to-Water
Heat Pumps

Inventor®

Discover Technology

Inventor A.G. S.A. counts more than 50 successful years of dynamic presence in the Greek market. Inventor has managed to establish itself in the field of air treatment and electric appliances, with high quality products and excellent service. The products under Inventor brand name, are distributed to more than 69 countries all over the world, via a well-organized sales network, offering full marketing support to dealers and a devoted after sales center in a B2B and B2C level.



For ideal conditions
at home!

Inventor air conditioners create the perfect environment at your place thanks to upgraded features, while the company's dehumidifiers and air purifiers ensure a healthy atmosphere for you and your loved ones.



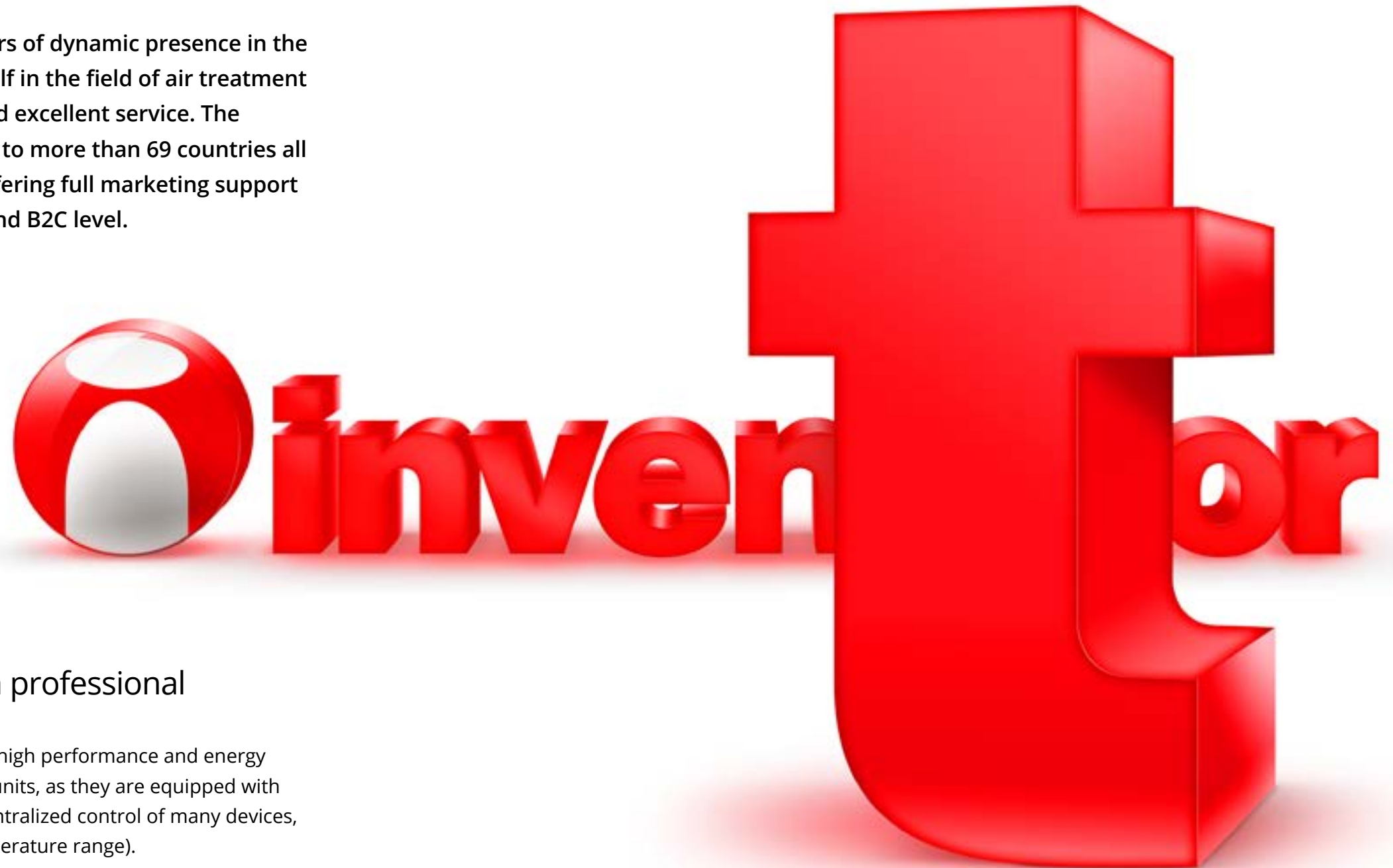
For the high demands of each professional

Inventor commercial air conditioners provide businesses with high performance and energy saving solutions. The brand offers products suitable for hotel units, as they are equipped with features such as the Hotel Menu function, which allows the centralized control of many devices, offering energy efficiency solutions (i.e., adjusting the set temperature range).



For sustainable energy saving solutions

Inventor has launched Matrix air-to-water heat pumps with consideration to the environment. Matrix series is the ideal solution for heating, cooling, and domestic hot water while the high energy savings will upgrade the energy class of your household.



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

Air-to-Water Heat Pumps **Matrix**

Tomorrow's technology in heating

Matrix Air-to-Water heat pumps by Inventor 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 such as:

- Floor heating and cooling
- Space heating with radiators
- Cooling and Heating with fan coils
- Domestic hot water



Keymark certification of CEN and CENELEC European Committees that demonstrates compliance with European Standards.

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.

A friendly-to-the-environment solution



Energy saving with 66%-80% of the heat from a renewable source



Flexible & easy Installation



High efficiency even at low outdoor ambient temperatures



House Energy Efficiency Upgrade



Direct phone support from qualified technicians





Split Type Heat Pumps



4-16kW

Model Name				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++
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)		inch	1/4" 5/8" R1"		3/8" 5/8" R1"			3/8" 5/8" R1"				
Power Supply Wire Indoor			No. x mm² / No. x A	3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)		3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)	5x4.0 / 4x20 (bipolar fuse kinetic)	5x4.0 / 4x20 (bipolar fuse kinetic)	5x4.0 / 4x20 (bipolar fuse kinetic)
Power Supply Wire Outdoor			No. x mm² / No. x A	3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)	3x4.0 / 2x20 (bipolar fuse kinetic)		3x6.0 / 2x25 (bipolar fuse kinetic)	3x10.0 / 2x32 (bipolar fuse kinetic)	3x10.0 / 2x32 (bipolar fuse kinetic)	5x2.5 / 4x20 (quadpolar fuse kinetic)	5x2.5 / 4x20 (quadpolar fuse kinetic)	5x2.5 / 4x20 (quadpolar fuse kinetic)
Signal Wires			No. x mm² / No. x A	3x1.0 shielded	3x1.0 shielded	3x1.0 shielded	3x1.0 shielded		3x1.0 shielded	3x1.0 shielded	3x1.0 shielded	3x1.0 shielded	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	43/32	43/32	43/32	43/32	43/32
Unit dimension (W×H×D)		Outdoor	mm	1.008x712x426		1.118x865x523			1.118x865x523					
		Indoor		420x790x270							420x790x270			
Net weight ODU/IDU			kg	58/37		77/37			96/39			112/45		
Outdoor air temperature range		Cooling	°C	-5~43		-5~43						-5~43		
		Heating	°C	-25~35		-25~35						-25~35		
		DHW	°C	-25~43		-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.



Integrated Split Type Heat Pumps (All in One)



Model name				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	4.5	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	11.9	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	ηs (%)	191	191	195	195	205.60	205.60	204.80	204.80	189.4	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		Tipo		Twin rotary Mitsubishi						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						Plate type								
Water side connection (inner dimension)			inch	1/4" 5/8" R1"				3/8" 5/8" R1"		3/8" 5/8" R1"								
Power Supply Wire Indoor			No. x mm² / No. x A	3x4.0 / 2x20 (bipolar fuse kinetic)						3x4.0 / 2x20 (bipolar fuse kinetic)						5x2.5 / 4x16 (quadpolar fuse kinetic)		
Power Supply Wire Outdoor			No. x mm² / No. x A	3x4.0 / 2x20 (bipolar fuse kinetic)						3x4.0 / 2x20 (bipolar fuse kinetic)		3x6.0 / 2x25 (bipolar fuse kinetic)	3x10.0 / 2x32 (bipolar fuse kinetic)		5x2.5 / 4x16 (quadpolar fuse kinetic)			
Power Supply Wire			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	
	Indoor			38/22		38/24		40/22		40/22		42/24	44/25	44/24	42/24	44/25	44/24	
Unit dimension (WxHxD)		Outdoor	mm	1008x712x426				1118x865x523		1118x865x523		1118x865x523		1118x865x523				
		Indoor			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	97/159		112/159				
Domestic Hot Water Tank	Volume		L	190	240	190	240	190	240	190	240	240		240				
	Max Water Temperature (during Disinfection)		°C	70				70		70		70		70				
	Max Water Pressure		bar	10				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.



Monoblock Type Heat Pumps

With integrated electric heater



6-16kW

Model Name				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/PhHz	220-240/50/1	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	380-415/50/3
Auxiliary Electric Heater			kW/Ph	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	9 / 3	9 / 3	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	kg	R32/1.40	R32/1.40	R32/1.40	R32/1.75	R32/1.75	R32/1.75	R32/1.75	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"				
Power Supply Wire			No. x mm² / No. x A	3x10.0 / 2x32 (bipolar fuse kinetic)	3x10.0 / 2x32 (bipolar fuse kinetic)	3x10.0 / 2x32 (bipolar fuse kinetic)	3x16.0 / 2x50 (bipolar fuse kinetic)	3x16.0 / 2x50 (bipolar fuse kinetic)	3x16.0 / 2x50 (bipolar fuse kinetic)	5x6.0 / 4x25 (quadpolar fuse kinetic)	5x6.0 / 4x25 (quadpolar fuse kinetic)	5x6.0 / 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	1.295x718x429	1.385x865x526			1.385x865x526				
Net weight			kg	91	110		134	134		149		
Outdoor air temperature range	Cooling	°C	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43	-5~43
	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
	DHW	°C	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43
Water outlet temperature range	Cooling	°C	5~30	5~30	5~30	5~30	5~30	5~30	5~30	5~30	5~30	5~30
	Heating	°C	12~65	12~65	12~65	12~65	12~65	12~65	12~65	12~65	12~65	12~65
	DHW (tank)	°C	10~60	10~60	10~60	10~60	10~60	10~60	10~60	10~60	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.



Monoblock Type Heat Pumps

Without integrated electric heater



Model Name				ATM08S	ATM10S	ATM12S	ATM14S		ATM16S	ATM12T	ATM14T	ATM16T	ATM22T	ATM30T	
Space Heating (Average Climate)	Water tem- perature 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 tem- perature 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 tem- perature 18°C	Capacity	kW	8.30	9.90	12.00	13.50		14.90	12.00	13.50	14.90	21.0	31.0	
		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	
	Water tem- perature 7°C	Capacity	kW	7.45	8.20	11.5	12.4		14.0	11.5	12.4	14.0	23.0	29.5	
		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	ηs (%)	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	ηs (%)	131	136	135			133.3	135	135	133	125.8	122.5	
			class	A++	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/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		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"					
Power Supply Wire			No. x mm² / No. x A	3x4.0 / 2x20 (bipolar fuse kinetic)		3x6.0 / 2x25 (bipolar fuse kinetic)	3x10.0 / 2x32 (bipolar fuse kinetic)		3x10.0 / 2x32 (bipolar fuse kinetic)	5x2.5 / 4x20 (quadpolar fuse kinetic)			5x6 / 4x25 (quadpolar fuse kinetic)	5x10 / 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	1.385x865x526						1.385x865x526			1.129x1.558x440		
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		
		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.

Wall Mounted Air Conditioners

Technology for easy living!

Inventor air conditioners are specially designed for high performance even in extreme conditions both in summer and winter. The high end innovative technology offers smart functions, reliability and high energy class with respect to the environment.

Enjoy now more than ever the high air quality and ideal temperature that Inventor creates only for you!



Healthy Atmosphere

Upgrade the air quality with Inventor’s advanced features such as Ultraviolet Technology Type C, the Independent Air Purifier Function, and the 56°C Sterilization. Enjoy your daily activities without worrying about germs and bacteria.



56°C Sterilization



Air Conditioner & Purifier 2 in 1



Ultraviolet Technology Type C & Ionizer

High Performance

The high-end design of Inventor air conditioners ensures excellent performance. With the embedded Chassis Heating Belt, the high compressor performance and the Golden Fin they ensure maximum performance, even during extreme weather conditions.



Energy Class in Cooling Mode



Chassis Heating Belt (Outdoor Unit)



Golden Fin

Energy Saving Solutions

Inventor wall mounted air conditioners incorporate a variety of innovative technologies such as Wi-Fi, Hotel Menu, ECO Mode, Motion Sensor and Eco Senso, which transform your air conditioners to smart devices, focusing on energy savings. Enjoy ideal conditions at your place with products that adapt to your everyday life.



Wi-Fi Standard



Hotel Menu - Central Control



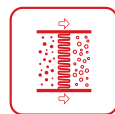
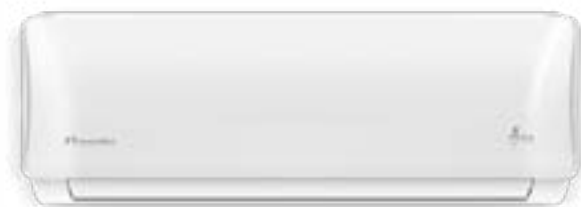
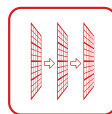
ECO Mode



Motion Sensor



Eco Senso

Sterilization
HEPA FilterTriple
Action Filter8°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)	135	180	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	4.0	4.0
		Annual Power Consumption (kWh/year)	945	991	1.435	1.730
	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	63	
	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"
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
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)	Indoor / Outdoor	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, odors etc., and offers exceptional high-quality atmosphere with a sense of freshness.

Hotel
Menu

Save up to 70% energy with the especially designed set of functions of the Hotel Menu that contributes to the better and more economical operation of the air conditioners installed in hotel units. Adjust the set temperature range or use the connection kit to connect your air conditioners with door and window switches or with a centralized controller.

4 Way
Air Flow

Secure an 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.



LEGEND

Legendary features for legendary performance!





Chassis Heating Belt



Heating Performance at -25°C*



Eco Senso



Hotel Menu



Wi-Fi Standard

Model			LDVI-09WFI/ LDVO-09	LDVI-12WFI/ LDVO-12	LDVI-18WFI/ LDVO-18	LDVI-24WFI/ LDVO-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	9.5	8.5	8.5	8.5
		Annual Power Consumption (kWh/year)	99	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)	625	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	2.66 (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	0.60 (0.13-1.20)	0.88 (0.13-1.25)	1.32(0.59-1.79)	1.76 (0.42-3.20)	
	Heating	0.69 (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 (Turbo/High/Medium/Low/Silent) (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)	20.5/21.5/32/37	21/22/33/40	22/23/35/41	21/33/40/44.5	
	Outdoor Unit	57	57.5	56	58.5	
Sound Power Level [dB(A)]	Indoor Unit	58	59	59	65	
	Outdoor Unit	64	65	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"
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
Signal Wires (Noxmm²)			5x1.5	5x1.5	5x1.5	5x2.5
Dimensions (WxDxH) (mm)	Indoor Unit	795x225x295	795x225x295	965x239x319	1.140x275x370	
	Outdoor Unit	805x330x554	805x330x554	890x342x673	890x342x673	
Net Weight (kg)	Indoor / Outdoor	10.2/26.4	10.2/26.4	12.3/38.8	20.0/45.6	
Refrigerant / Charge (g)			R32/620	R32/620	R32/1.100	R32/1.500
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-25~24	-25~24	-20-24	-20-24	

It refers only to 9.000 and 12.000 btu models.

A⁺⁺

Energy Class
in Cooling Mode

The high energy class A+++ of Legend series, in both cooling and heating zone, offers excellent performance through out the year with the lowest energy consumption.

UVC

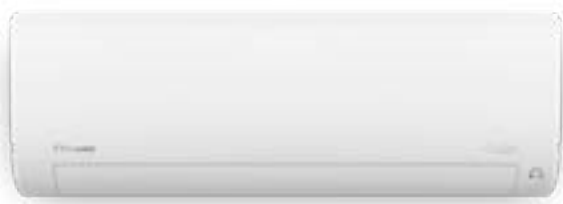
Ultraviolet
Technology
Type C & Ionizer

The Ultraviolet Type C technology ensures high air quality and healthy air free from germs and bacteria. The UV-C LED emits ultraviolet light at a wavelength from 265 to 275nm, and eradicate the harmful microorganisms inside the AC unit. At the same time the ionizer improves the air quality by removing airborne particles so you can enjoy fresh air when you spend time at home.

Follow Me

Thanks to the smart sensor in the remote controller the room temperature will follow you wherever you are. Relax and enjoy absolute comfort.





Wi-Fi
Standard



Chasis
Heating Belt*



56°C
Sterilization



4 Way
Air Flow



Ultra Silence
Mode 16dB(A)

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	7.0
		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 (kW)	Cooling	0.60 (0.2-1.2)	0.88 (0.3-1.5)	1.40 (0.50-2.00)	2.17 (0.70-2.50)	
	Heating	0.80 (0.3-1.5)	1.10 (0.5-1.6)	1.50 (0.52-2.35)	2.16 (0.70-2.90)	
Air Flow Volume (Turbo/High/Medium/Low/Silent) (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	60	
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"
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
Signal Wires (Noxmm²)			4x1.5	4x1.5	4x1.5	4x1.5
Dimensions (WxDxH) (mm)	Indoor Unit	856x197x300	856x197x300	999/225/323	1.115/235/343	
	Outdoor Unit	800x275x553	800x275x553	820/338/614	890/353/697	
Net Weight (kg)	Indoor / Outdoor	9.5/27.6	9.5/30.0	12.0/37.8	15.2/45.0	
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	

* It refers only to 9.000, 12.000 & 18.000 btu models.



Energy Class
in Cooling Mode

Benefit from the high energy class A+++ in Cooling Mode and create the perfect conditions. Achieve energy saving and improve the energy footprint by choosing an air conditioner with lower energy consumption.



Ultraviolet
Technology
Type C & Ionizer

The Ultraviolet Type C technology ensures a clean atmosphere without bacteria and germs, thanks to the UV-C LED that emits ultraviolet light from 265 to 275nm wavelength. Thus, it can effectively remove 99.998% the virus SARS-CoV-2 (responsible for Covid-19)*. In addition, the Ionizer contributes to the high air quality, as it removes airborne particles while offering a sense of fresh air.

* According to the tests performed at Texcell's laboratories, it deactivates 99.998% of the virus SARS-CoV-2 (Covid-19) of the coronavirus group after 1 hour of operation in a 45L space.



Motion
Sensor

Achieve ideal living conditions while saving energy with the advanced technology of the Motion Sensor. The air conditioner uses the built-in sensor to detect your position and directs the air towards or away from you, according to your preference. Moreover, it adjusts its performance when you are not in the room, using less energy power.





Wi-Fi
Standard



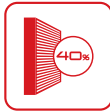
Innovative
Design



Silent Mode



Low Ambient
Cooling



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)	2.6	3.0	4.6	5.6
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.5	5.5	5.1	5.1
		Annual Power Consumption (kWh/year)	662	756	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	58	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"
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
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)	Indoor / Outdoor		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



Energy Class
in Cooling
Mode

Secure lower energy consumption and enjoy top performance thanks to A+++ energy class, while achieving a more efficient energy footprint.



Aqua Ionizer

Create a healthy environment, with pure and fresh air, using the Aqua Ionizer. This advanced feature purifies air through positive and negative ions, which neutralize harmful airborne particles, naturally and effectively. Enjoy the feeling of fresh air while the improved air quality maintains your skin's hydration.



4 Way Air Flow

Enjoy perfect air flow and ideal temperatures even at the most difficult to reach parts of the room 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.





Model			K2VI32-09WFI / K2VO32-09	K2VI32-12WFI / K2VO32-12
Cooling Capacity (Btu/h)			8.870 (3.410-13.650)	11.940 (3.410-13.650)
Cooling Capacity (kWatt)			2.6 (1.0-4.0)	3.5 (1.0-4.0)
Heating Capacity (Btu/h)			10.920 (3.750-18.420)	14.330 (4.430-19.790)
Heating Capacity (kWatt)			3.2 (1.1-5.4)	4.2 (1.3-5.8)
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.6	3.5
		Energy Class	A+++	A+++
		SEER	8.75	8.75
		Annual Power Consumption (kWh/year)	104	140
	Heating (Middle Zone)	Pdesign (kW)	2.6	2.65
		Energy Class	A+++	A+++
		SCOP	5.1	5.1
		Annual Power Consumption (kWh/year)	714	727
	Heating (Warm Zone)	Pdesign (kW)	2.8	2.8
		Energy Class	A+++	A+++
		SCOP	6.2	6.2
		Annual Power Consumption (kWh/year)	632	632
Voltage / Frequency / Phase (V/Hz/Ph)			230/50/1	230/50/1
Current Input (A)			8.0	8.0
Power Input (kW)	Cooling	0.57 (0.30-1.50)	0.79 (0.30-1.35)	
	Heating	0.66 (0.30-1.85)	0.89 (0.30-1.85)	
Air Flow Volume (m³/h)			550	600
Noise Level [dB(A)]	Indoor Unit (Silent/Low/Medium/High)	15/29/32/36	16/30/33/37	
	Outdoor Unit	48	49	
Sound Power Level [dB(A)]	Indoor Unit	56	57	
	Outdoor Unit	61	62	
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"
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5/10	3x1.5/10
Signal Wires (Noxmm²)			4x1.5	4x1.5
Dimensions (WxDxH) (mm)	Indoor Unit	923x215x320	923x215x320	
	Outdoor Unit	800x275x553	800x275x553	
Net Weight (kg)	Indoor / Outdoor	12.0/29.8	12.0/29.8	
Refrigerant / Charge (g)			R32/740	R32/740
Outdoor Operation Temperature Range (°C)	Cooling	-20~43	-20~43	
	Heating	-20~24	-20~24	



Air Conditioner & Purifier - 2 in 1

Protect yourself and your loved ones by providing a clean and healthy environment with the IFD Electrostatic Sterilization Filter. The IFD Filter creates an intense dielectric field, which ionizes and sterilizes the air. The high precision PM2.5 air quality sensor detects airborne particles as little as 2.5µm. The colored indication light on the display will show you the status of the air quality* in colors green for great, orange for good and red for poor.

* Air purification up to 200m³/h CADR.



56°C Sterilization

Now you can relax in your home, knowing that the 56°C Sterilization** function guarantees fresh and clean air. The high temperature of 56°C, sterilizes the air conditioner internally, it neutralizes viruses and bacteria such as H1N1 and Escherichia coli (sterilization rate 99.1%), while removing the accumulated dust and mold from the inner parts of the device.

** The 56°C Sterilization function can only be activated using the Inventor Control Wi-Fi application.



Low noise level 15dB(A)

Activate the silent operation and enjoy the feeling of absolute silence. Because of the specialized design and technologies, you can achieve low noise levels, even at 15dB(A).





Technology for professional performance

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 allow for a variety of combinations. The possibility of connecting up to 5 indoor units with one outdoor unit offers flexible installation and provides a solution for spaces with construction difficulty. In addition, thanks to the high energy class, they ensure excellent performance and energy saving.

Flexibility



Wide Range of Combinations



Up to 5 Indoor units per connection

Energy Saving



Hotel Menu



Wi-Fi Ready

Great Performance



Electronic Expansion Valve per Circuit



Golden Fin



Energy Class

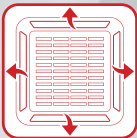
LCAC

The wide range of Light Commercial air conditioners of Inventor ensures perfect adaptation to every need. The special design of the units makes it possible to meet even the most demanding installations, even in 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.

Perfect Adjustment



360° Air Outlet



Independent Louver Swing



Static Pressure Settings

Cost Saving Solutions



Central Control Management



Hotel Menu



Wi-Fi Ready

Outdoor Units

Power, credibility & flexible installation!



Electronic Expansion Valve per Circuit



Wide Range of Combinations



Golden Fin



Excellent Heating Performance Under -15°C



Wide Operation Range



Flexible Installation

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")
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x2.5 / 1x16	3x2.5 / 1x20	3x4.0 / 1x25	3x4.0 / 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-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	0.28
	Heating	0.09	0.11	0.15	0.28
Power Input (kW)	Cooling	0.02	0.02	0.04	0.06
	Heating	0.02	0.02	0.04	0.06
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



Hotel Menu



Remote On/Off (optional)



360° Air Outlet



Built-in Drain Pump



Fresh Air Intake

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	0.44
	Heating	0.18	0.44
Power Input (kW)	Cooling	0.04	0.05
	Heating	0.04	0.05
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	647x647x50
	Indoor	570x570x260	570x570x260
Net Weight (kg)	Panel	2.5	2.5
	Indoor	16.3	16.0
Liquid Line Gas Line		1/4" 3/8"	1/4" 1/2"

Consoles

Excellent performance, ultimate comfort and energy saving!



Double Air Outlet



Weekly Planner Controller (Optional)



Wi-Fi Ready



Follow Me



ECO function



Hotel Menu

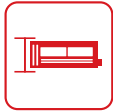


The wired weekly planner controller is optional.

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"

Ducted

Unique flexibility & absolute adjustment to your needs!



Super Slim Design



Adjustable Static Pressure & Air Flow Volume



Weekly Planner Controller



Wi-Fi Ready



Golden Fin



Built-in Drain Pump

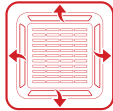
Model		LV6DI-12WiFiR	LV6DI-18WiFiR
Cooling Capacity (Btu/h)		12.000	18.000
Cooling Capacity (kWatt)		3.52	5.28
Heating Capacity (Btu/h)		13.000	19.000
Heating Capacity (kWatt)		3.81	5.57
Voltage/Frequency/Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1
Current Input (A)	Cooling	1.1	1.3
	Heating	1.1	1.3
Power 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"

Cassettes

Ergonomic design & high performance!



360° Air Outlet



Independent Louver Swing*



Hotel Menu



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	56/60	57/63	57/67	63/70	65/71	65/73	65/73	
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5 / 1x10	3x2.5 / 1x16	3x2.5 / 16	3x4.0 / 1x25	3x4.0 / 1x25	5x2.5 / 3x16	5x2.5 / 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)			R32/720	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.



Floor Ceiling

Advanced functions for ideal conditions!



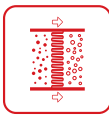
Central Control Management (Optional)



Hotel Menu



Wi-Fi Ready



HEPA Filter



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	6.2	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	4.0	4.0	4.0
	Heating (Warm Zone)	Pdesign (kW)	5.1	5.8	10.0	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		57/65	55/66	64/68	67/73	67/73
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x2.5 / 1x16	3x2.5 / 1x16	3x4.0 / 1x25	5x2.5 / 3x16	5x2.5 / 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



Consoles

Excellent performance, energy saving and flexibility!



Double Air Outlet



Weekly Planner Controller (Optional)



Wi-Fi Ready



Follow Me



ECO function



Hotel Menu

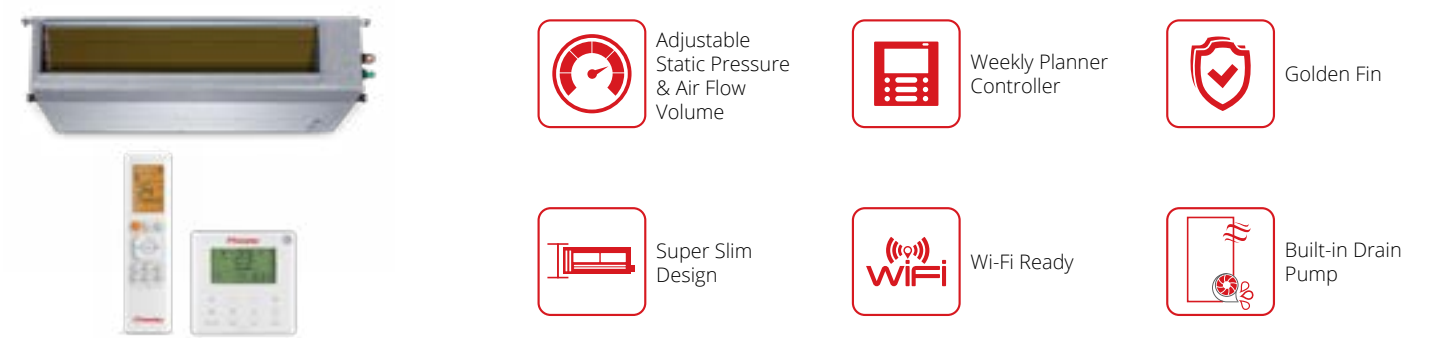


The wired weekly planner controller is optional.

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	54/62	55/63	
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x2.5 / 1x16	3x2.5 / 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)			R32/720	R32/1.150
Operation Temperature Range (°C) Cooling/ Heating			-15~50/-15~24	-15~50/-15~24



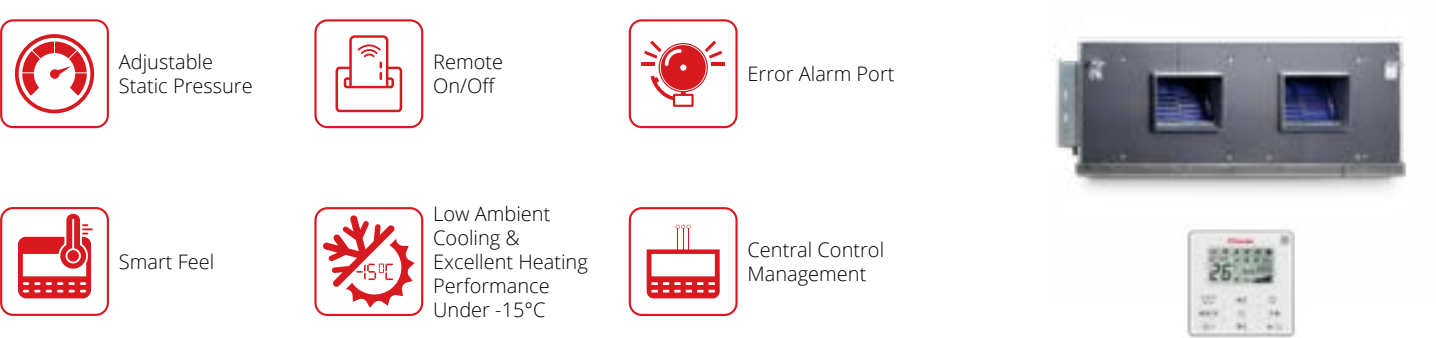
DuctedIncomparable power & absolute control!



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	14.0	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		57/61	58/65	61/67	61/70	67/74	66/73	66/74
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5 / 1x10	3x2.5 / 1x16	3x2.5 / 1x16	3x4.0 / 1x25	3x4.0 / 1x25	5x2.5 / 3x16	5x2.5 / 3x16
Signal Wires (Noxmmm²)			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)			R32/720	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



DuctedIncredible performance & maximum comfort!



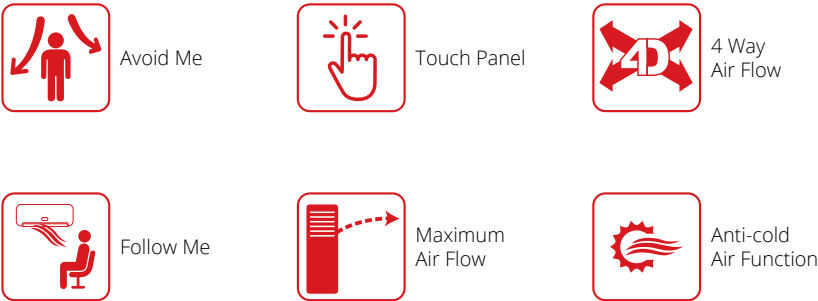
Model		V4MDI-100 / U4MRT-100
Cooling Capacity (Btu/h)		95.536 (28.661-105.090)
Cooling Capacity (kWatt)		28.0 (8.4-30.8)
Heating Capacity (Btu/h)		107.478 (32.243-118.226)
Heating Capacity (kWatt)		31.5 (9.45-34.65)
EER		3.11
COP		3.71
Voltage/Frequency/Phase (V/Hz/Ph)		380-415/50/3
Current Input (A)		16
Power Input (kW)	Cooling	9.00
	Heating	8.50
Air Flow Volume Indoor (m³/h)		3.000/4.800
Air Flow Volume Outdoor (min/max) (m³/h)		9.800
Outdoor Static Pressure (Pa)		0~150
Noise Level [dB(A)]	Indoor unit (Low/Medium/High)	49/52
	Outdoor unit	59
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)		5x4.0 / 3x20
Power Supply Wire Indoor / Fuses (Noxmm²)/(A)		3x2.5 / 1x20
Signal Wires (Noxmm²)		3x0.75
Dimensions (WxDxH) (mm)	Indoor Unit	1.470x775x512
	Outdoor Unit	1.120x528x1.558
Net Weight (kg)	Indoor/Outdoor Unit	83/148
Liquid Line Gas Line		3/8" 1"
Refrigerant/Charge (g)		R410A/7.200
Operation Temperature Range (°C) Cooling/ Heating		-15~48 / -15~24



Floor Standing



Even temperature distribution in your room!

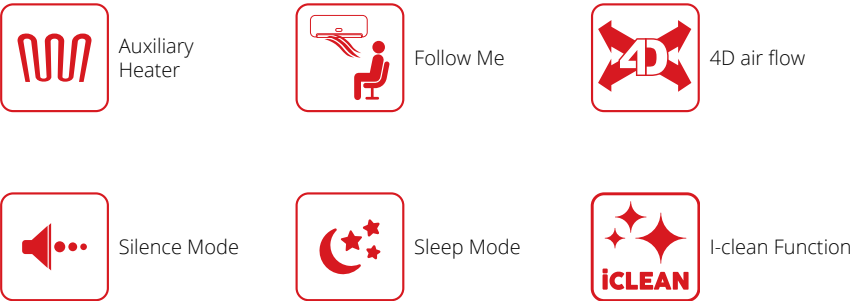
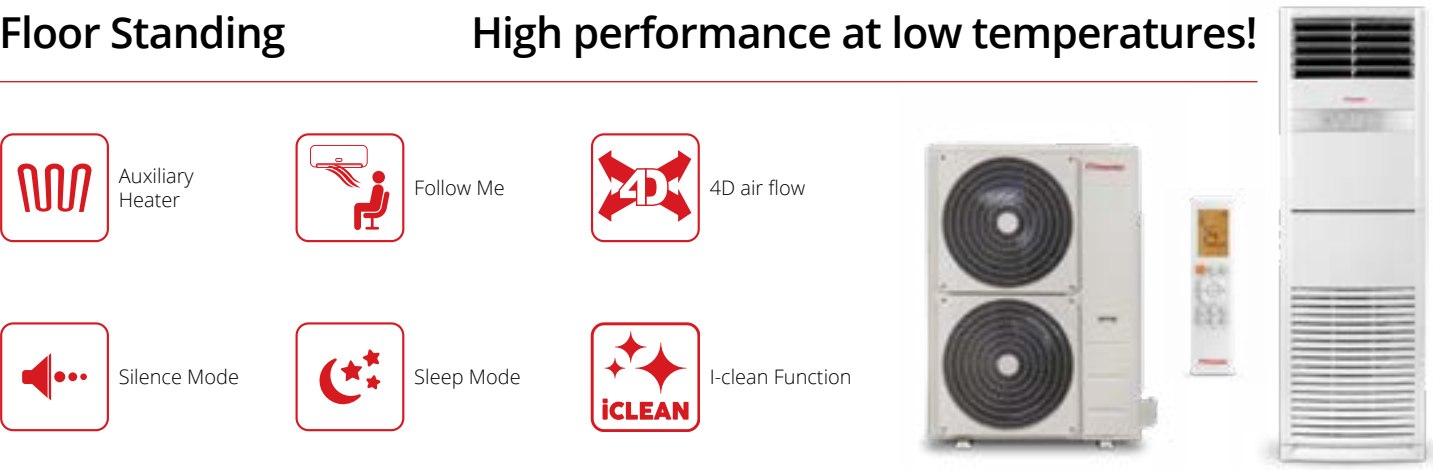


Model			V6FI-60 / V6FO-60
Cooling Capacity (Btu/h)			48.000 (12.000-53.500)
Cooling Capacity (kWatt)			14.07 (3.52-15.68)
Heating Capacity (Btu/h)			55.000 (14.000-61.000)
Heating Capacity (kWatt)			16.12 (4.10-17.88)
EER			2.84
COP			3.16
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	14.1
		Energy Class	A++
		SEER	6.1
	Heating (Middle Zone)	Pdesign (kW)	11.1
		Energy Class	A+
		SCOP	4.0
	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	67/73	
Power Supply Wire Outdoor / Fuses (Noxmm²) / (A)			5x2.5 / 3x20
Power Supply Wire Indoor / Fuses (Noxmm²) / (A)			4x2.5 / 1x10
Signal Wires (Noxmm²)			–
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)	15.5
		Energy Class	A++
		SEER	6.1
	Heating (Middle Zone)	Pdesign (kW)	12.2
		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	67/74	
Power Supply Wire Outdoor / Fuses (Noxmm²) / (A)			5x2.5 / 3x16
Power Supply Wire Indoor / Fuses (Noxmm²) / (A)			5x2.5 / 3x16
Signal Wires (Noxmm²)			3 x 1.0 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



Portables

Technology for flexible solutions

Inventor portable air conditioners are the ideal solution for houses with limited spaces that require flexible solutions without permanent installation.



Cooling & Heating



Energy Class



Remote Controller



Window Kit *



*The Window Kit only applies to the Magic model.

Portables



Model		CHILLY CLCO290-09*	Magic 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		2.6	2.6
COP		-	2.8
Voltage / Frequency / Phase (V/Hz/Ph)		220-240/50/1	220-240/50/1
Current Input (A)	Cooling	4.35	5.9
	Heating	-	5
Power Input (kW)	Cooling	1.00	1.35
	Heating	-	1.05
Air Flow Volume (High/Medium/Low) (m³/h)		295/-/195	420/370/355
Dehumidifying Volume (L/day)		51	81
Noise Level (Low/Medium/High) [dB(A)]		46.9/-/51.9	50.6/51.3/52
Sound Power Level [dB(A)]		63	64
Compressor Type		ROTARY	ROTARY
Dimensions (WxDxH) (mm)		345x380x723	467x397x765
Net Weight (kg)		25.3	33.2
Refrigerant / Charge (g)		R290/170	R290/220

*The window kit is not included in the packaging.

Dehumidifiers



Technology for healthy atmosphere

The dehumidifiers Inventor are specially designed to provide a healthy environment by eliminating effectively the excessive moisture and allow your heating devices to perform properly, improving the temperature at your house and optimizing the energy demand for heating during the winter period. In addition, advanced technologies focusing on the need for clean air, ensure high air quality free from germs and bacteria.

Home Without Humidity



Smart Dehumidification



Clothes Drying



12-liter Water Tank with 4 Levels of Choice

Clean Atmosphere



Autonomous Air Purifier Function



Ultraviolet Type C Technology



Ionizer

Advanced Features



PM2.5 Air Quality Sensor & Indicator



Wi-Fi



Zeo Gen Technology

Dehumidifiers



Technology for healthy atmosphere

ATMOSPHERE XL Dehumidifier & air purifier for a proven healthy atmosphere!

ATM-25L-F

UVC

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

COMFORT Advanced technologies for healthy atmosphere & energy saving!

CF-WUHI-F

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

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

RISE PRO Desiccant dehumidifier suitable for areas with insufficient heating!

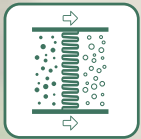
Model	RS-WUI-08L
Dehumidifying Capacity (L/24 hours)	8
Power Consumption (W)	30/330/650**
Noise Level [dB(A)]	38
Water Tank (L)	2.5

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

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

Technology for comfort & ideal conditions

Air purifier is a necessary device for every modern home! Inventor has invested in this category with models that own advanced features and functions. Live every moment without worrying about allergies and viruses while creating a clean atmosphere for you and the people you love.



HEPA Filter



Air Quality Indicator



Double Filtration System



Auto Function



6 Air Filtration Stages & Ionizer



Sensors



Air Purifiers

QUALITY 300 Pleasant & healthy environment!



QLT-300-F
HEPA 97,5%



HEPA Filter
97.5%



4 Air Filtration Stages & Ionizer



Air Quality Indicator

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!



QLT-500-F
True HEPA H13 99,97%



6 Air Filtration Stages & Ionizer



2x Double Filtration System



Sensors

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!



QLT-700-F
True HEPA H13 99,97%



6 Air Filtration Stages & Ionizer



Suitable for Large Places



Auto Function

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 many possibilities to adjust the operation of the devices based on your personal needs, by applying personalized scenarios. Use the weather forecast, your everyday schedule or the conditions that may arise during the day and let your devices to operate automatically, only for you!

Absolute control

Central control of Inventor appliances

Automatic Notifications

Sharing devices

Voice Assistance

Smart Scenarios

Weekly Schedule

Customized operation according to weather forecast

Saving Energy & Money



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



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



The most useful app for every technician!

The Inventor My PARTNER application is addressed to the professional who needs to obtain information immediately. Through the application, the qualified technician has easy and direct access to user's manuals and technical data needed for the installation or during maintenance, and is able to search for a compatible spare part, effortlessly and with zero waiting time.

"One Stop" Information Centre

All Residential & Commercial AC Models

Specifications & Photos

Exploded Views

Troubleshooting Manuals

Easy to Use

Easy Search

Spare Parts Compatibility Search

Automatic Notifications





Discover Technology



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.