



Super *i*VERTER Lunaire SERIES



Enjoy up to 60% Energy Savings with 5-Star Rating



R32 Refrigerant

Has zero ozone depletion potential (ODP) and low global warming potential (GWP)



Multi Filter Protection

Equipped with multiple air filter (High Density, Cold Catalyst, and Active Carbon Filter) for improved indoor air quality



Gold Fins

Coated with anti-corrosive and hydrophilic material for better cooling efficiency and durability



Super Ionizer

Emits negatively charged ions to help trap airborne contaminants



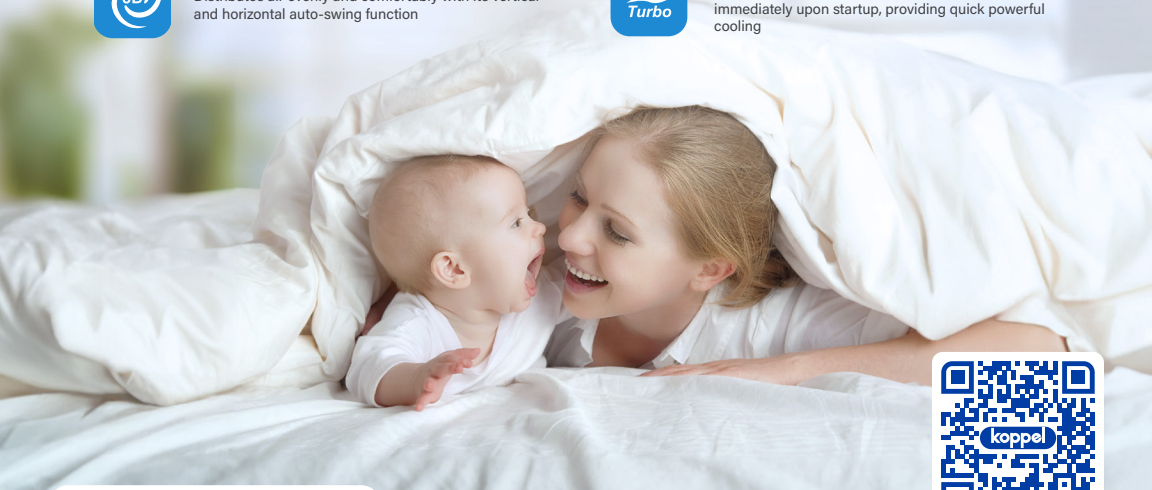
3D Airflow

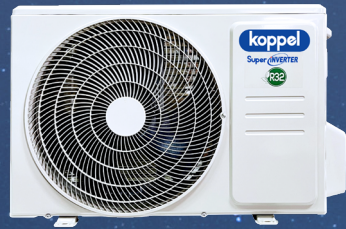
Distributes air evenly and comfortably with its vertical and horizontal auto-swing function



Turbo Mode

Enables the compressor to achieve maximum frequency immediately upon startup, providing quick powerful cooling





FEATURES

- R32 Refrigerant
- Multi Filter Protection
 - High Density Filter
 - Active Carbon Filter
 - Cold Catalyst Filter
- Super Ionizer
- 3D Airflow
- Gold Fins
- Turbo Mode (Boost)
- Self Clean
- ECO Mode
- Low Voltage Operation
- Auto Restart Function
- Follow Me
- Quiet Design
- 24 Hour Timer
- Sleep Mode
- Self Diagnosis
- Two-way Drainage
- Lock Function
- Auto Mode
- Shortcut Function
- Air Filter Cleaning Reminder
- Air Filter Replacement Reminder
- Louver Position Memory Function

TECHNICAL SPECIFICATIONS

Model	Indoor Unit Outdoor Unit	KV09WM-ARF31D KV09OD-ARF31D	KV12WM-ARF31D KV12OD-ARF31D	KV18WM-ARF31D KV18OD-ARF31D	KV24WM-ARF31D KV24OD-ARF31D	KV27WM-ARF31D KV27OD-ARF31D
Cooling Capacity (Min-Max)	HP	1.0	1.5	2.0	2.5	3.0
	BTU/Hr	9,000	12,000	18,000	22,000	26,000
		9,495	12,660	18,990	23,210	27,430
Power Supply	V/Hz/Ph	230/60/1	230/60/1	230/60/1	230/60/1	230/60/1
Rated Power	W	810	1,095	1,890	2,170	2,475
Rated Current	A	5.20	7.15	8.04	9.50	11.50
EER	BTU/W-Hr	11.11	10.96	9.52	10.14	10.51
	kJ/W-Hr	11.72	11.56	10.05	10.70	11.08
CSPF		5.15	5.18	5.00	4.47	4.82
Star Rating		★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Refrigerant		R32	R32	R32	R32	R32
Ambient Temperature (Min-Max)	°C	17-32	17-32	17-32	17-32	17-32
Operation Temperature (Min-Max)	°C	17-30	17-30	17-30	17-30	17-30
Applicable Area (Unloaded Space)	SQM	12-18	16-23	24-35	30-43	33-48
Airflow Volume (Hi/Med/Low)	CMH	486/390/280	580/450/310	800/660/500	960/750/600	920/730/550
Noise Level (Hi/Med/Low)	dB(A)	39/33/27	40.5/34/26.5	44.5/38.5/31	47/41/37	46.5/40.5/33.5
Indoor						
Unit Dimension (WxDxH)	mm	715×194×285	805×194×285	957×213×302	1,040×220×327	1,040×220×327
Packaging Dimension (WxDxH)	mm	780×270×365	870×270×365	1,035×295×385	1,120×405×315	1,120×405×315
Unit Weight (Net/Gross)	Kg	7.2/9.3	7.7/9.8	10.4/13.2	13.0/16.5	13.1/16.4
Outdoor						
Unit Dimension (WxDxH)	mm	720×270×495	720×270×495	765×303×555	805×330×554	890×342×673
Packaging Dimension (WxDxH)	mm	835×300×540	835×300×540	887×337×610	915×370×615	995×398×740
Unit Weight (Net/Gross)	Kg	18.8/20.7	19.9/21.8	24.4/26.7	29/31.5	39.4/42.4
Piping Connections						
Liquid Pipe Size (Diameter)	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Gas Pipe Size (Diameter)	mm (in)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	15.9 (5/8)
Max. Refrigerant Pipe Length	m	25	25	30	30	50
Max. Difference in Level	m	10	10	20	20	25

NOTES:

(1) Testing Conditions: Indoor air inlet temperature: 27°C DB / 19 °C WB; Outdoor air inlet temperature: 35°C DB / 24°C WB.

(2) Specifications are subject to change without prior notice for continuous product improvement.

(3) Koppel is a registered trademark of Koppel, Inc.

Authorized Dealer & Contact Information:

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