



Connect to comfort.

kaden°
your perfect climate

kadenair.com.au

Kaden KM Multi Air Conditioner

Optimal home comfort doesn't have to come at the expense of space. The Kaden Multi offers the perfect solution for residential or light commercial environments. A single outdoor unit can easily be connected to up to 6 indoor units including ducted air conditioners, cassettes and wall mounted air conditioners – allowing for perfect climate control throughout different rooms.



Product quality guarantee

Kaden Multi Air Conditioners offer a 7-year warranty.
See page 25 for further details.





Kaden Multi. Do more with less.

Connect up to six indoor units to one single outdoor unit.



Select your own unique combination of wall mounted, cassette and ducted air conditioners.



Up to 80m of pipe length between outdoor and indoor units and 25m per indoor unit.



Durable and designed for Australian conditions

Compatibility Guide

Model		Number of indoor units that can be connected	Min connection capacity kW	Max connection capacity kW
KM18		1-2	3.5	7.0
KM24		1-3	5.0	10.2
KM28		1-4	5.0	11.3
KM46		1-5	7.0	17.6

Compatibility Guide

Model		Number of indoor units that can be connected	Min connection capacity kW	Max connection capacity kW
KM48		1-5	7.0	20.0
KM60		1-6	8.0	23.0

Outdoor & Indoor Unit Combinations

Model	Wall Mounted KSI			Ducted KMD		Cassette KMC
Capacities (kW)	2.0/2.6/3.5/5.0	7.0	7.6	2.6/3.5/5.0	7.0	2.6/3.5/5.0
KM18	✓	✗	✗	✓	✗	✓
KM24	✓	✗	✗	✓	✗	✓
KM28	✓	✓	✓	✓	✓	✓
KM46	✓	✓	✓	✓	✓	✓
KM48	✓	✓	✓	✓	✓	✓
KM60	✓	✓	✓	✓	✓	✓

Kaden Multi Outdoor Unit

One unit to control them all

The Kaden KM multi outdoor unit is the control centre behind this impressive system. It incorporates the latest smarts including Inverter Quattro technology to deliver the precise amount of refrigerant and energy to each indoor unit achieving efficient and effective climate control. Designed for ease of installation, the KM outdoor unit features a low-profile single fan design and up to an 80m system pipe run range, making it the ideal choice of homes, apartments and light commercial applications.

Key features:



Designed for easy installation and servicing



Uses low GWP R32 refrigerant



Compact design



Up to 80m of pipe length provided



Gold fin protection

An anti-corrosive gold nano-coating that improves durability and improves heat transfer.

Inverter Quattro Technology

Precise control of refrigerant delivers savings up to 30% on energy consumption.

Flexible installation options

The outdoor unit can be conveniently positioned to connect up to 6 indoor units.

Product Specifications



KM18/KM24 OUTDOOR UNIT



KM28/KM46/KM48 OUTDOOR UNIT



KM60 OUTDOOR UNIT

			KM18	KM24	KM28	KM46	KM48	KM60
Power supply	PH-V-Hz		1/220-240/50					
Recommended Circuit Breaker		A	16	25	25	32	32	40
Rated Current		A	12	17.5	19	19	30	33
Max Combined System Current (IDU = ODU) Cooling/Heating			6.81/6.65	9.00/7.65	10.26/9.31	15.83/14.12	17/16	22.80/24
Capacity	Cooling (Range)	kw	5.25 (0.9-5.7)	7.3 (1.7-9.7)	8.5 (1.7-11.0)	12.0 (1.7-12.3)	13 (2.6-14.6)	17.5 (4.6-17.5)
	Heating (Range)	kw	5.3 (1.9-5.7)	7.3 (1.8-9.7)	8.7 (1.8-11.5)	12.0 (1.8-12.5)	13.5 (2.6-15.2)	19.5 (4.9-19)
Input	Cooling	W	1400	2000	2340	3550	3800	5000
	Heating	W	1300	1720	2100	3150	3300	5200
Star Rating: Hot / Average / Cold	Cooling		4/3.5/3.5	4.5/3.5/3.5	5.0/3.5/4.0	4.0/3.0/3.0	4/3.5/3.5	3.5/3/3.5
	Heating		3.5/3/2.5	3.0/2.5/2.5	3.5/2.5/2.0	2.5/2.0/1.5	3.5/3/2.5	3.5/2.5/2
EER			3.75	3.66	3.63	3.33	3.42	3.5
COP			4.08	4.24	4.14	3.86	4.09	3.75
Sound power level		dBA	59.4	65	68	72	69.4	71
Dimensions (H x W x D)		mm	554×805×330	673×890×342	810×946×410	810×946×410	975×980×415	1333×952×415
Net Weight		kg	34.6	48.1	66.2	75.9	91	110.6
Refrigerant Piping	Liquid Line	mm (inch)	Ø6.35mm (1/4") x 2	Ø6.35 (1/4") x 3	Ø6.35 (1/4") x 4	Ø6.35 (1/4") x 5	Ø6.35mm (1/4") x 5	Ø6.35mm (1/4") x 6
	Gas Line	mm (inch)	Ø9.52mm (3/8") x 2	Ø9.52 (3/8") x 3	Ø9.52 (3/8") x 3	Ø9.52 (3/8") x 3	Ø9.52mm (3/8") x 3	Ø9.52mm (3/8") x 4
					Ø12.7 (1/2") x 1	Ø12.7 (1/2") x 2	Ø12.7mm (1/2") x 2	Ø12.7mm (1/2") x 2
	Adaptors		9.52mm (3/8") - 12.7mm (1/2")	9.52mm (3/8") - 12.7mm (1/2")	9.52mm (3/8") to 6.35mm (1/4")	6.35mm (1/4") to 9.52mm (3/8")	6.35mm (1/4") to 9.52mm (3/8")	6.35mm (1/4") to 9.52mm (3/8")
					9.52mm (3/8") to 12.7mm (1/2")	9.52mm (3/8") to 12.7mm (1/2")	9.52mm (3/8") to 12.7mm (1/2")	9.52mm (3/8") to 12.7mm (1/2")
					12.7mm (1/2") to 9.52mm (3/8")	12.7mm (1/2") to 15.9mm (5/8")	12.7mm (1/2") to 15.9mm (5/8")	12.7mm (1/2") to 15.9mm (5/8")
					12.7mm (1/2") to 15.9mm (5/8")	12.7mm (1/2") to 9.52mm (3/8")	12.7mm (1/2") to 9.52mm (3/8")	12.7mm (1/2") to 9.52mm (3/8")
	Connection method		Flare Connection					
Refrigerant	Type		R32					
Refrigerant	Quantity	kg	1.25	1.85	2.4	2.95	4	4
	Pre charged to pipe length	m	20	30	40	50	50	60
	Additional refrigerant charge	g/m	12					
Pipe Length	Max total system	m	40	60	80	80	80	80
	Max length to each IDU	m	25	30	35	35	35	35
	Min Pipe length	m	3					
Max Height Difference		m	15					
Maximum capacity of indoor units allowable		kW	7.0	10.2	11.3	17.5	20	23
Operation Range	Cooling	°C	0 to 50					
	Heating	°C	-15 to 24					

Kaden KSI Wall Mounted Air Conditioner

Comfort all year round

Kaden KSI wall mounted air conditioners feature a compact, contemporary design that will fit discreetly into any home. The KSI comes compatible with Wi-Fi capabilities for effortless wireless control via the mobile app. The KSI series comes in a variety of sizes making them ideal for any environment; apartments, bedrooms, or even larger living spaces.

Key features:



Gold fin protection



High density filter



Wi-Fi included



3D Airflow



Multiple fan speeds



Sleep mode

Active clean

Your KSI automatically washes away contaminants by freezing and thawing the frost on the heat exchanger, preventing mould and excess moisture build-up.

Tri filters

Enjoy healthier air with a three-in-one filter that effectively breaks down harmful bacteria and odours.



Follow me

The follow me feature ensures you have your perfect climate no matter where you are. Press the follow me button and your KSI will direct airflow towards the remote.

ECO mode

Built for the energy-conscious, ECO mode reduces energy consumption by up to 60% compared to normal operation and lasts for 8 hours for a truly efficient system.

Clean air function

Engages and energizes the ion generator, releasing nano ions which cleanse, disinfect and purify the air.

Kaden KSI Wall Mounted Product Specifications



INDOOR UNIT

CONTROLLER

			KSI06	KSI09	KSI12	KSI18	KSI24	KSI28
Power supply	PH - V - Hz							
Rated Current		A	0.24	0.27	0.27	0.40	0.40	0.4
Capacity	Cooling	kW	2.0	2.6	3.6	5.0	7.0	7.6
	Heating	kW	2.3	2.7	4.0	5.2	7.5	8.5
Input	Cooling	W	0.43	0.59	0.82	1.30	1.95	2.22
	Heating	W	0.46	0.60	0.92	1.35	2.0	2.43
Sound pressure level (Low, Med, Hi, Turbo)	Indoor	dBA	25/30/32/38	25/30/32/38	24/30/33/39	28/34/38/44	29/33/39/45	30/34/39/45
Airflow (Low, Med, Hi, Turbo)		l/sec	74/95/127/152	83/100/138/175	86/105/147/183	138/166/222/263	229/250/302/381	229/250/302/381
Dimensions (H x W x D)	Indoor	mm	729×200×292	729×200×292	802×200×295	971×228×321	1082×234×337	1082×234×337
Net weight	Indoor	kg	8.0	8.5	8.5	11.1	13.3	13.3
Refrigerant piping	Liquid line	mm (inch)	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")
	Liquid line	mm (inch)	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø15.90 (5/8")	Ø15.90 (5/8")
	Connection method		Flare connection					
Operation Range	Cooling	°C	0 to 50					
	Heating	°C	-15 to 24					

Kaden KMD Multi Ducted Air Conditioner

Discreetly integrated design

Kaden KMD ducted air conditioners allow you to effortlessly control your climate at the push of a button. The range features a new low-profile design and flexible installation options, making the KMD series ideal for small roof cavities and bulkhead applications.

Key features:



Low profile
bulkhead design



Built-In
drain pump



Anti cold
function



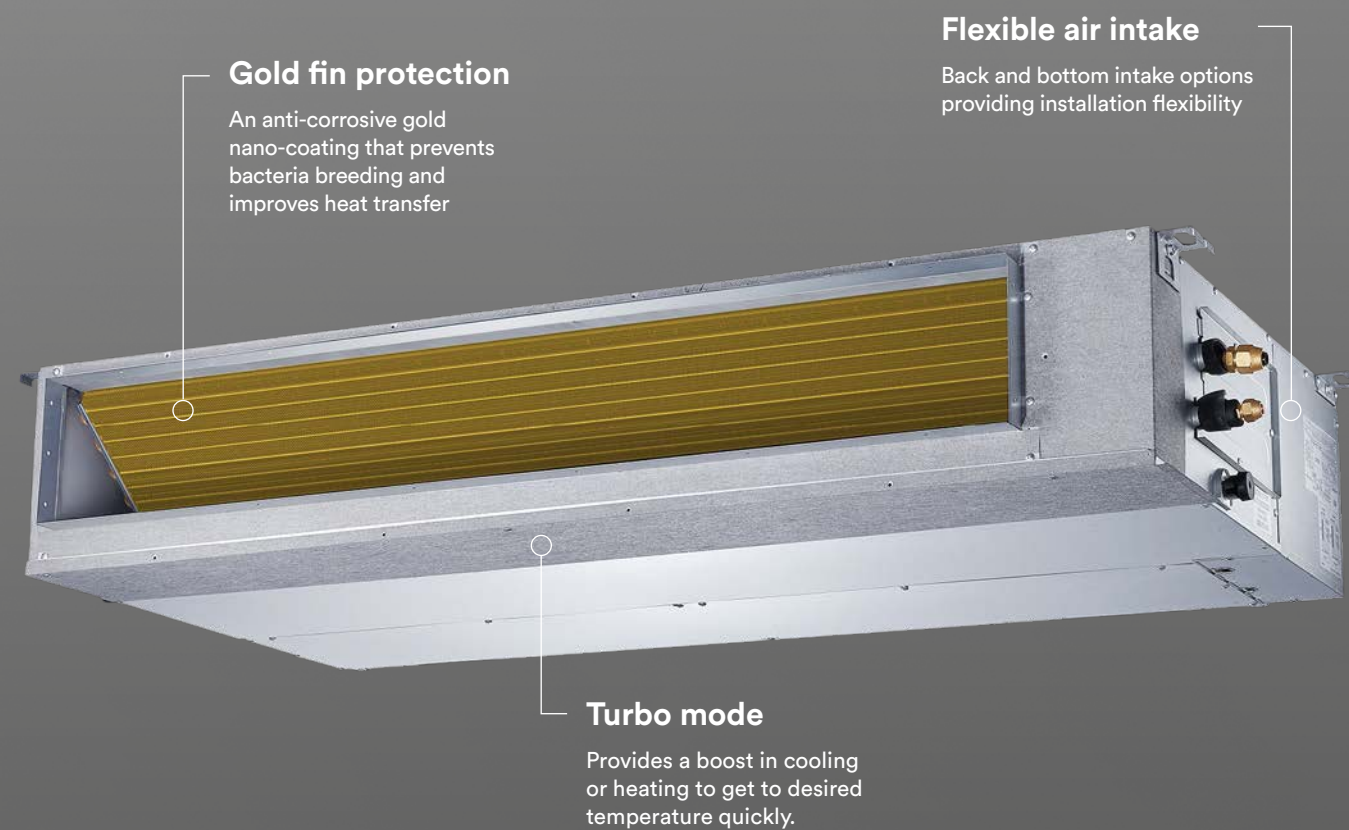
Optional fresh
air inlet



Weekly timer
function



Wi-Fi included



Gold fin protection

An anti-corrosive gold nano-coating that prevents bacteria breeding and improves heat transfer

Flexible air intake

Back and bottom intake options providing installation flexibility

Turbo mode

Provides a boost in cooling or heating to get to desired temperature quickly.

Kaden KMD Multi
Ducted Air Conditioner
Product Specifications



INDOOR UNIT



CONTROLLER

			KMD09	KMD12	KMD18	KMD24
Power supply	PH - V - Hz		1/220-240/50			
Rated current		A	1.10	1.10	1.30	1.30
Capacity	Cooling	Kw	2.6	3.5	5.0	7.0
	Heating	Kw	2.9	3.8	5.5	7.6
Input	Cooling	W	180	185	200	200
	Heating	W	180	185	200	200
Sound pressure level (Low, Med, Hi)	Indoor	dBA	27/34/40	30/32/34	35/39/42	41/46/49
Airflow (Low, Med, Hi)		l/sec	64/94/139	83/133/167	143/196/253	229/287/341
Static pressure	Range	Pa	0-40	0-60	0-100	0-160
Dimensions (H x W x D)	Indoor	mm	200×700×450	200×700×506	210×880×674	249×1100×774
Net weight	Indoor	kg	18.0	18.0	24.4	32.3
Drain pipe connection		mm	OD25			
Refrigerant piping	Liquid line	mm (inch)	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø9.52 (3/8")
	Gas line	mm (inch)	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø15.90 (5/8")
	Connection method		Flare connection			
Supply air connection		mm	152 × 537	152 × 537	136 × 706	175 × 926
Return air connection		mm	186 × 599	186 × 599	190 × 782	228 × 1001
Operation Range	Cooling	°C	0 to 50			
	Heating	°C	-15 to 24			

Kaden KMC Cassette Air Conditioner

The Versatile Choice

Kaden KMC cassette air conditioners offer the ideal heating and cooling solution for home or small office spaces. Featuring a compact design and the latest air conditioning technology, Kaden cassettes provide whisper quiet operation in any environment.

Key features:



Gold fin protection



Anti-cold function



Weekly timer function



Wi-Fi included



Built-in drain pump



Designed for easy install and servicing



Optional fresh air inlet

Allowing clean fresh air to be drawn into the space.

Slim design

Smaller more compact design means less space required in the roof cavity.

360° airflow

The advanced grille design optimises airflow for fast, even movement of air. This ensures consistent, balanced room temperature with no cold or hot spots.

KMC Cassette
Air Conditioner
Specifications



INDOOR UNIT



CONTROLLER



OPTIONAL
CONTROLLER

			KMC09	KMC12	KMC18
Power supply		PH - V - Hz	1/220-240/50		
Rated Current		A	0.18	0.18	0.44
Capacity	Cooling	Kw	2.6	3.5	5.3
	Heating	Kw	2.9	4.1	5.4
Input	Cooling	W	40	40	102
	Heating	W	40	40	102
Sound pressure level (Low, Med, Hi)	Indoor	dBA	29/33/38	34/37/41	41/42/44
Airflow (Low, Med, Hi)		l/sec	235/138/161	115/140/171	139/156/189
Dimensions (H x W x D)	Indoor	mm	260×570×570		
	Panel	mm	50×647×647		
Net weight	Indoor	kg	14.5	16.2	16.2
	Panel	kg	2.5		
Drain pipe connection		mm	OD25		
Refrigerant piping	Liquid line	mm (inch)	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")
	Gas line	mm (inch)	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")
	Connection method		Flare connection		
Operation Range	Cooling	°C	0 to 50		
	Heating	°C	-15 to 24		

Indoor Unit Feature Comparison

Features	KSI Wall Mounted AC	KMD Ducted AC	KMC Cassette AC
Multiple indoor fan speeds	✓	✓	✓
Follow me mode	✓	✓	✓
Turbo mode	✓	✓	✓
Louvre position memory function	✓	✗	✓
Timer	✓	✓	✓
3D air flow	✓	✗	✗
Auto swing	✓	✗	✓
Anti cold function	✓	✓	✓
Two directional airflow	✓	✗	✓
Independent dehumidification	✓	✓	✓
Auto defrosting	✓	✓	✓
Auto restart function	✓	✓	✓
Gold fin protection	✓	✓	✓
High density filter	✓	✗	✗
Digital temperature display	✓	✓	✓
Low ambient cooling	✓	✓	✓
Self diagnostics and auto protect	✓	✓	✓
DR module	✓	✓	✓
Built in drain pump	✗	✓	✓
Optional fresh air inlet	✗	✓	✓

Controlling your Kaden Multi



Wireless Controller

Standard with the KSI series
Optional with the KMC series

Features:

- > Easy to use functions and intuitive display
- > Timer control
- > Wi-Fi control included in every model



Wired Controller

Standard with the KMD and KMC series

Features:

- > Easy to read back lit display
- > Weekly timer schedule
- > Child lock
- > Wi-Fi control included in every model

Peace of mind.

Warranty

Kaden is committed to total customer care, so you'll enjoy market-leading warranties and ongoing after-sales support. The Kaden range offers a 7-year warranty on parts and labour for residential and light commercial.



Residential & Commercial
Parts & labour



Non-human comfort
Parts & labour

Notes

kaden°
your perfect climate



For more information go to
kadenair.com.au