

Your comfort zone.

kaden°

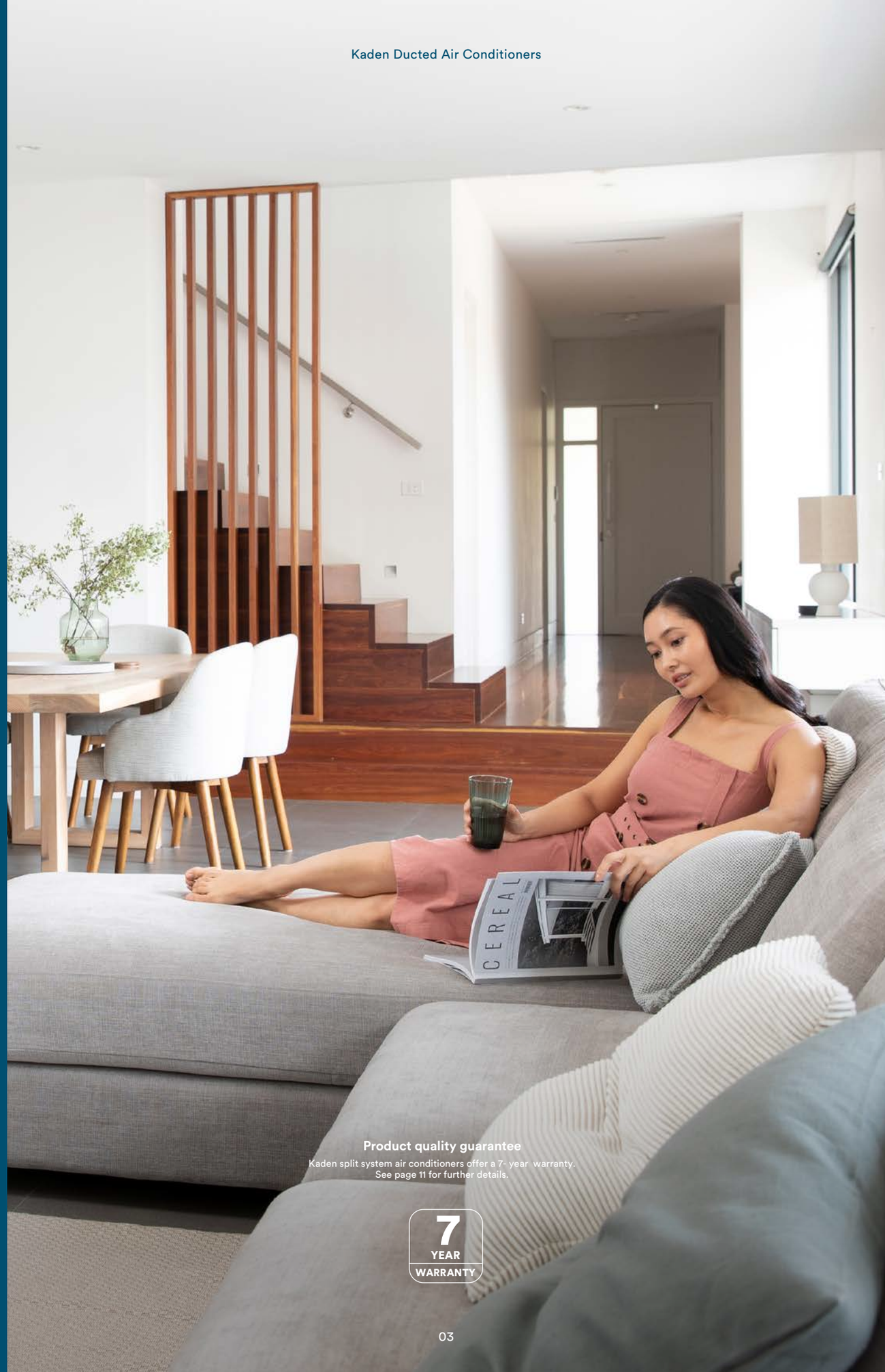
your perfect climate

www.kadenair.com.au

Kaden Ducted Air Conditioners.

Creating the ideal climate in different rooms throughout your home is essential for your family's comfort.

Whether it's a sweltering summer day or an icy winter morning, Kaden ducted air conditioners allow you to regulate your home's temperature effortlessly. This makes it the air conditioner for all seasons. Designed specifically for Australian conditions, these units deliver enduring performance matched with whisper quiet operation. Made to last, every Kaden ducted air conditioner comes with a full 7-year domestic warranty. All of these features make Kaden the perfect choice for versatile living.



Product quality guarantee

Kaden split system air conditioners offer a 7- year warranty.
See page 11 for further details.

7 YEAR WARRANTY

Features at a glance

Your comfort zone

The Kaden Ducted Air Conditioner offers the ideal heating and cooling solution for your home. Incorporating the latest technology, the KDI series provides quiet operation in any environment, and is specifically designed to moderate the Australian climate.

Key features:

- Clean air function
- Built-In drain pump
- In built Wi-Fi control
- Optional fresh air inlet
- Weekly timer function
- Inverter quattro technology

Gold fin protection

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

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.



Active clean

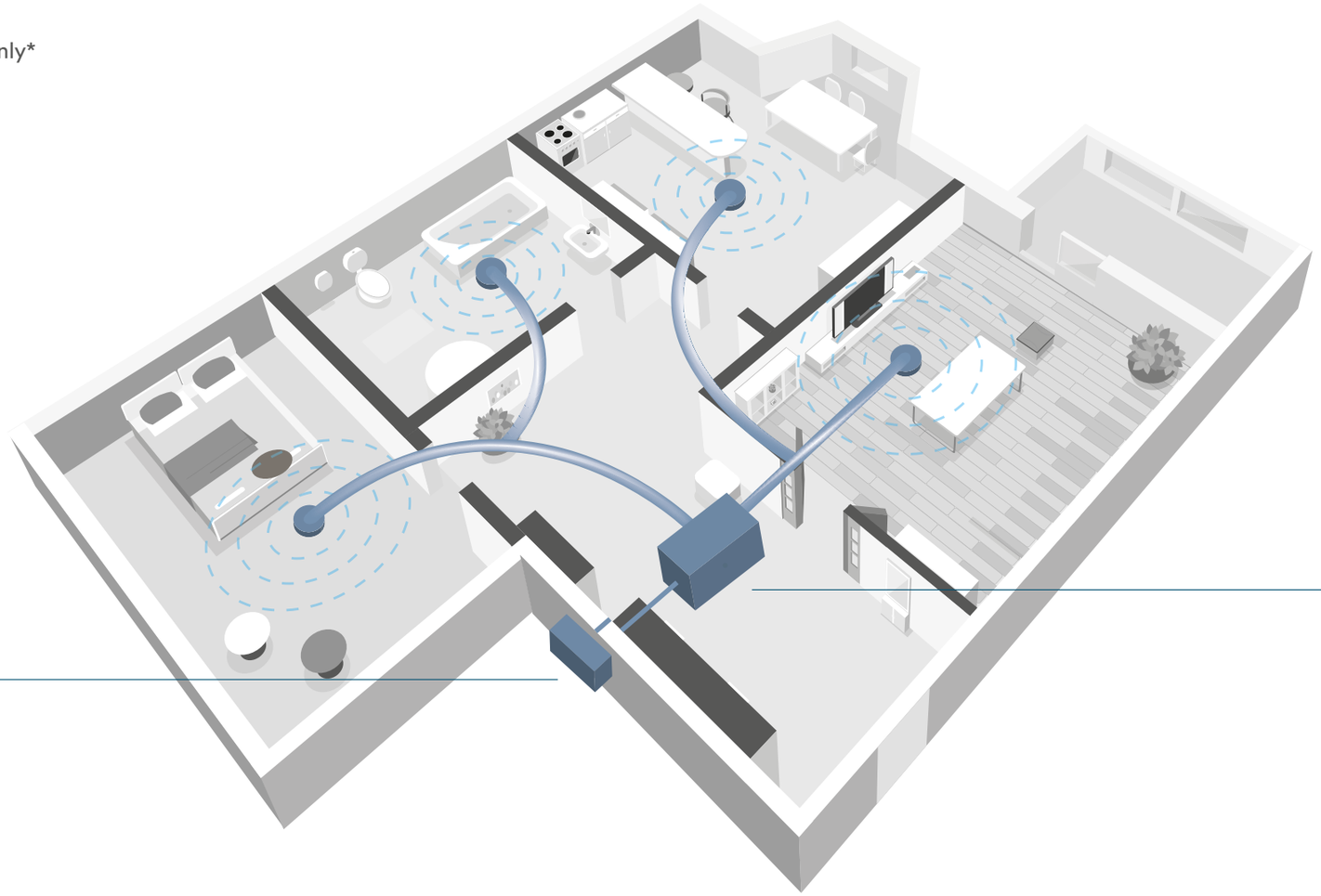
Your KDI automatically washes away contaminants by freezing and thawing the frost on the heat exchanger, preventing mould and excess moisture buildup.

Kaden Splittable Design

Splittable design is available for KDI60 only



The outdoor unit contains a compressor which initiates the cooling or heating process, it also has a outdoor coil and a fan.



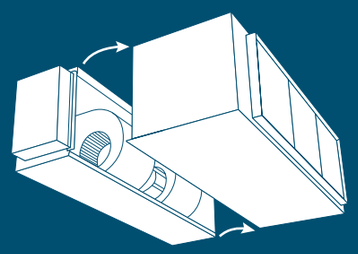


The indoor unit has a fan coil which conditions the supplied air, this conditioned air is then distributed through ducting in the roof to outlets in ceiling or walls.

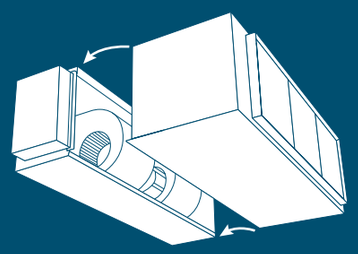
Splittable Design

With a split design structure, the indoor KDI60 unit can be easily separated into two and then reassembled within the ceiling making installation and maintenance a breeze.

Unit splits in two



Once in ceiling, reassemble unit



Simple to install.

Ease of installation is a hallmark of all Kaden units. Our ducted units are designed to make the installer's job simple and straightforward. Available in 7.3kW, 10.5kW, 12.5kW, 14kW and 17kW, there is a size to suit any home.



7.3kW



10.5kW-17.0kW





7.3kW-10.5kW



12.5kW-17.0kW

Product specifications

			KDI24- 7.3kW	KDI36 - 10.5kW	KDI42 - 12.5kW	KDI48 - 14.0kW	KDI60 - 17.0kW
Power supply	PH - V - Hz		1 Phase, 220-240V, 50Hz				
Rated current		A	16	21	31	31	31
Running current	Cooling / Heating	A	9.8/7.9	14.2/12.8	18.2/16.3	18.2/16.3	22.5/19.5
Recommended circuit breaker*		A	25	32	40	40	40
Capacity	Cooling (Range)	kW	7.3 (2.4-9.0)	10.5 (3.2-11.9)	12.5 (4.20-15.75)	14.0 (4.2-15.8)	17.0 (6.8-19.5)
	Heating (Range)	kW	7.5 (1.8-10.5)	11.5 (3.5-13.5)	13.0 (4.4-16.7)	14.5 (4.4-16.7)	18.0 (29.3-21.1)
Input	Cooling (Range)	kW	2.1 (5.37-2.9)	3.1 (0.6-3.9)	3.7 (1.0-6.5)	4.2 (1.0-6.5)	5.3 (1.1-6.5)
	Heating (Range)	kW	1.8 (0.4-3.0)	2.7 (0.5-3.3)	3.2 (0.5-5.3)	3.6 (0.5-5.3)	4.6 (0.6-5.0)
Star rating: Hot / Average / Cold	Cooling		5/4/4.5	5.5/4.0/4.5	4/3.5/3.5	4/3.5/4	4.5/3.5/3.5
	Heating		3.0/2.5/2.0	3.0/2.5/2.5	3.0/2.5/2.0	3.5/2.5/2.0	3.5/2.5/2.0
EER	Cooling		3.48	3.39	3.43	3.33	3.24
COP	Heating		4.17	4.26	4.13	4.03	3.96
Sound power level	Outdoor	dBA	65	68	70	71	72
Sound pressure level (Low, Med, Hi)	Indoor	dBA	34.5/37/39	40/43.5/46.5	40/43.5/46.5	40/43.5/46.5	45.3/49.5/53
Airflow (Low, Med, Hi)		l/sec	290/361/416	333/487/655	397/665/859	397/665/859	635/833/1056
External dimensions (H x W x D)	Indoor	mm	249 × 1100 × 774	380 × 1200 × 625	380 × 1200 × 625	380 × 1200 × 625	440 × 1400 × 858
	Outdoor	mm	673 × 890 × 342	810 × 946 × 410	1333 × 952 × 415	1333 × 952 × 415	1333 × 952 × 415
Net/ Gross weight	Indoor	kg	31.6/38.3	54.0/62.0	53.3/61.6	53.3/61.6	81.1/91.6
	Outdoor	kg	45.0/47.8	70.1/74.5	95.1/109.2	95.1/109.2	95.8/110.0
Refrigerant piping	Liquid line	mm (inch)	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø9.52 (3/8")
	Gas line	mm (inch)	Ø15.90 (5/8")	Ø15.90 (5/8")	Ø15.90 (5/8")	Ø15.90 (5/8")	Ø19.0 (3/4")
	Connection method		Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
Refrigerant	Type		R32				
	Quantity	kg	1.75	2.6	3.6	3.6	4.0
	Pre charged to pipe length	m	20	20	20	20	20
Max pipe length		m	50	75	75	75	75
Max height difference		m	25	30	30	30	30
Operation range	Cooling	°C	0 to 50				
	Heating	°C	-15 to 30				

* Recommendations are a guide only. Circuit breaker and electrical safety equipment must be installed to relevant standards and regulations by a qualified licensed electrician

Indoor Unit Feature Comparison

Features	KDI24	KDI36	KDI42	KDI48	KDI60
Manual external static pressure setting	✔	✔	✔	✔	✔
Automatic external static pressure setting	✔	✔	✔	✔	✔
Wired controller	✔	✔	✔	✔	✔
Wi-Fi control	✔	✔	✔	✔	✔
Automatic fan speed	✔	✔	✔	✔	✔
Outside air intake	✔	✘	✘	✘	✘
Filter	✔	✔	✔	✔	✔
Self diagnostics	✔	✔	✔	✔	✔
Splittable indoor unit	✘	✘	✘	✘	✔
Built in drain pump	✔	✔	✔	✔	✔
Turbo mode	✔	✔	✔	✔	✔
Automatic operation	✔	✔	✔	✔	✔
Weekly timer	✔	✔	✔	✔	✔
Low profile bulkhead design	✔	✘	✘	✘	✘
Auto restart function	✔	✔	✔	✔	✔
Independent dehumidification	✔	✔	✔	✔	✔
Clean air function	✔	✔	✔	✔	✔
DR function	✔	✔	✔	✔	✔

Ultimate Control



Wired controller

Standard with every system

Easy to read backlit display

A simple controller display that's easy to read day or night.

Weekly timer schedule

Set your on temperature for work days then off on weekends.

In-built Wi-Fi control

Connect and control your KDI from wherever you are.

WORKS WITH amazon alexa

works with the Google Assistant

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.

7 YEAR WARRANTY

Residential & Commercial Parts & labour

1 YEAR WARRANTY

Non-human comfort Parts & labour

kaden™

your perfect climate

For more information go to

kadenair.com.au

Due to limitations in the printing process the colours in this brochure are a guide only.
The manufacturer/distributor reserves the right to vary specifications or delete models from their range without prior notification. The manufacturer/distributor takes no responsibility for printing errors.
All products enjoy a product replacement warranty. For full warranty details visit www.kadenair.com.au

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