

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 ducted air conditioners offer a 7-year domestic warranty.
See page 11 for further details.



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



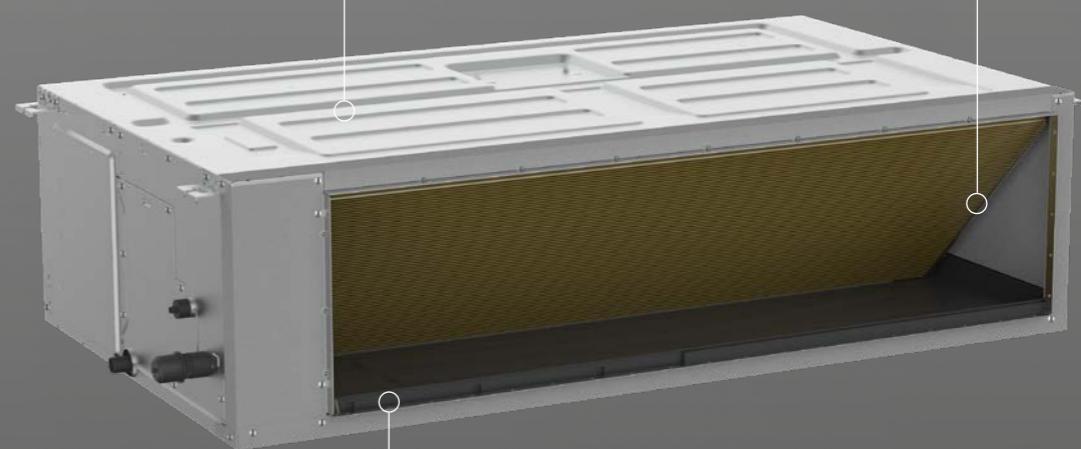
Weekly timer function



Inverter quattro technology

Gold fin protection

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



Eco mode

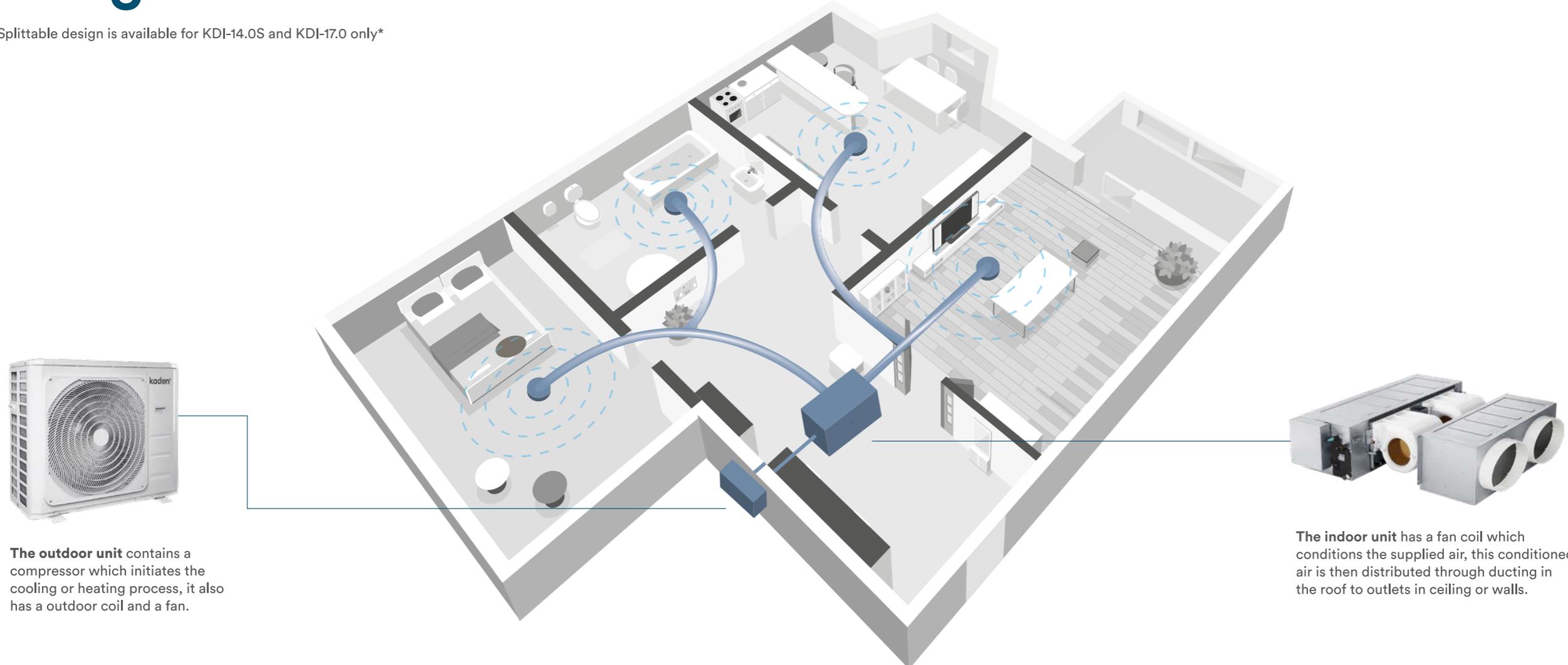
Built for the energy-conscious, ECO mode reduces energy consumption by up to 60% compared to normal operation and lasts for 8 hours for a truly efficient system.

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

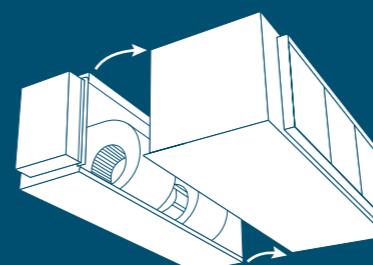
Splittable design is available for KDI-14.0S and KDI-17.0 only



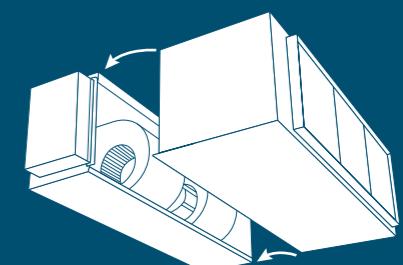
Splittable Design

With a split design structure, the indoor KDI-14.0S and KDI-17.0 units 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 7kW, 10.5kW, 12.5kW, 14kW and 17kW, there is a size to suit any home.



KDI-7.0
(7.0kW)



KDI-10.5, KDI-12.5, KDI-14.0
(10.5kW - 14.0kW)



KDI-14.0S, KDI-17.0
(14.0kW - 17.0kW)



KDI-7.0, KDI-10.5
(7.0kW - 10.5kW)



KDI-12.5
(12.5kW)



KDI-14.0, KDI-14.0S, KDI-17.0
(14kW - 17kW)

Product specifications

| Power supply | PH - V - Hz | 1 Phase, 220-240V, 50Hz | | | | | | |
|-------------------------------------|----------------------------|-------------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | KDI-7.0 (7.0kW) | KDI-10.5 (10.5kW) | KDI-12.5 (12.5kW) | KDI-14.0 (14.0kW) | KDI-14.0S (14.0kW) | KDI-17.0 (17.0kW) | |
| Rated current | | A | 16 | 21 | 31 | 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 | 22.5/19.5 |
| Recommended circuit breaker* | | A | 20 | 25 | 32 | 32 | 32 | 32 |
| Capacity | Cooling (Range) | kW | 7.30 (0.85-9.09) | 10.50 (2.61-11.99) | 12.60 (3.15-15.80) | 14.00 (3.45-17.29) | 14.00 (4.19-18.17) | 17.00 (3.60-19.34) |
| | Heating (Range) | kW | 7.50 (2.33-10.26) | 12.50 (2.61-12.90) | 14.50 (3.22-18.70) | 15.50 (3.31-19.64) | 17.00 (3.60-19.64) | 18.00 (3.90-19.64) |
| Input | Cooling (Range) | kW | 2.14 (0.41-3.15) | 3.15 (0.63-4.40) | 3.76 (0.92-6.80) | 4.13 (1.10-6.60) | 3.90 (1.08-6.50) | 5.10 (1.05-6.87) |
| | Heating (Range) | kW | 1.84 (0.43-3.00) | 2.98 (0.50-3.20) | 3.55 (0.64-5.30) | 3.82 (0.64-5.80) | 4.18 (0.71-5.55) | 4.56 (0.78-5.15) |
| Star rating: Hot / Average / Cold | Cooling | | 4.5/4.0/4.0 | 4.0/3.5/4.0 | 4.0/3.5/4.0 | 4.0/3.5/4.0 | 4.5/3.5/4.0 | 4.0/3.5/3.5 |
| | Heating | | 3.5/3.0/2.5 | 3.5/3.0/2.0 | 3.5/3.0/2.5 | 3.5/2.5/2.5 | 3.5/3.0/2.0 | 3.5/2.5/2.0 |
| EER | Cooling | | 3.39 | 3.30 | 3.32 | 3.36 | 3.56 | 3.31 |
| COP | Heating | | 4.04 | 4.14 | 4.05 | 4.02 | 4.04 | 3.92 |
| Sound power level | Outdoor | dBA | 66.3 | 68.1 | 74.1 | 75.1 | 70.8 | 71.6 |
| Sound pressure level (Low, Med, Hi) | Indoor | dBA | 33.0/36.0/38.0 | 36.0/37.5/39.0 | 42.0/44.0/46.0 | 42.0/44.0/46.0 | 42.0/44.0/46.5 | 43.0/47.0/49.0 |
| Airflow (Low, Med, Hi) | | l/sec | 278/361/417 | 417/528/611 | 528/694/806 | 528/694/806 | 583/722/861 | 667/833/1000 |
| External dimensions (H x W x D) | Indoor | mm | 245 x 1000 x 750 | 300 x 1200 x 750 | 300 x 1200 x 750 | 300 x 1200 x 750 | 380 x 1400 x 870 | 380 x 1400 x 870 |
| | Outdoor | mm | 673 x 890 x 342 | 810 x 946 x 410 | 975 x 980 x 415 | 1333 x 952 x 415 | 1333 x 952 x 415 | 1333 x 952 x 415 |
| Net / Gross weight | Indoor | kg | 31.5/36.9 | 42.9/48.9 | 45.0/51.0 | 45.0/51.0 | 65.0/80.0 | 67.0/81.0 |
| | Outdoor | kg | 44.0/48.0 | 75.2/79.6 | 89.0/103.0 | 93.0/107.5 | 93.0/107.5 | 94.0/108.0 |
| 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") | Ø9.52 (3/8") |
| | Gas line | mm (inch) | Ø15.9 (5/8") | Ø15.9 (5/8") | Ø15.9 (5/8") | Ø15.9 (5/8") | Ø15.9 (5/8") | Ø19.0 (3/4") |
| Connection method | | | Flare connection | | | | | |
| Refrigerant | Type | | R32 | | | | | |
| | Quantity | kg | 1.5 | 2.6 | 3.5 | 3.6 | 3.6 | 3.8 |
| | Pre charged to pipe length | m | 20 | | | | | |
| Max pipe length | | m | 50 | 75 | 75 | 75 | 75 | 75 |
| Max height difference | | m | 25 | 30 | 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 | KDI-7.0 | KDI-10.5 | KDI-12.5 | KDI-14.0 | KDI-14.0S | KDI-17.0 |
|--|---------|----------|----------|----------|-----------|----------|
| 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.

Compatible with

 Amazon Alexa  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 KDI Ducted Air Conditioner range offers a 7-year warranty on parts and labour for residential and light commercial.



Residential & Commercial
Parts & labour



Non-human comfort
Parts & labour



For more information go to
kadenair.com.au

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The manufacturer/distributor reserves the right to vary specifications or delete models from their
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All products enjoy a product replacement warranty. For full warranty details visit www.kadenair.com.au

V2 [BROCHURE CODE 2110983]

metalflex

ACTROL

reece

hvac