



COOLING SOLUTIONS

SPLIT SYSTEMS





THE BEST AIR ANYWHERE

At Daikin, we're not just in the business of air conditioners. We're in the business of human comfort. Our passion for designing and engineering smart technologies ensures your comfort levels are maximised.

Daikin's recognised as an expert in air conditioning. As specialists, air conditioning is all we do. In fact, we're the only company in the world to make both air conditioners and refrigerants which enables us to deliver air conditioning solutions that are world leading in performance, quality and reliability.

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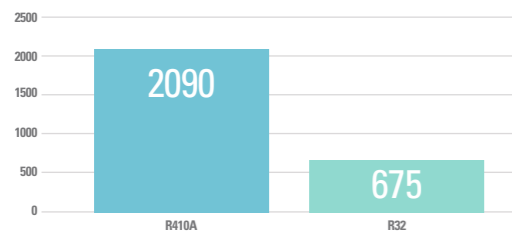
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COMFORT REINVENTED

For over 90 years, Daikin has invested heavily in Research and Development to deliver more effective climate control for you and your family. Daikin technologies help make Daikin air conditioners energy efficient, powerful, reliable and easy to use.

Here are some examples of the innovative technology you can find in your Daikin split system.

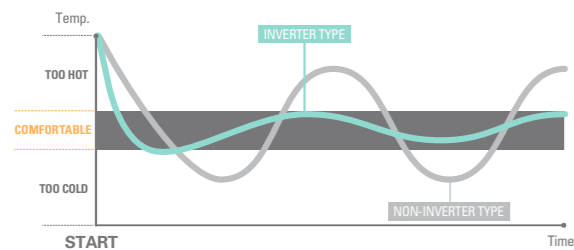
GLOBAL WARMING POTENTIAL



R32 REFRIGERANT

All Daikin wall mounted split systems use R32 refrigerant. With a lower global warming potential and a higher refrigeration potential than refrigerants such as R410A, R32 systems can deliver more efficient cooling and heating with less risk of harm to the environment.

LESS TEMPERATURE FLUCTUATION



INVERTER TECHNOLOGY

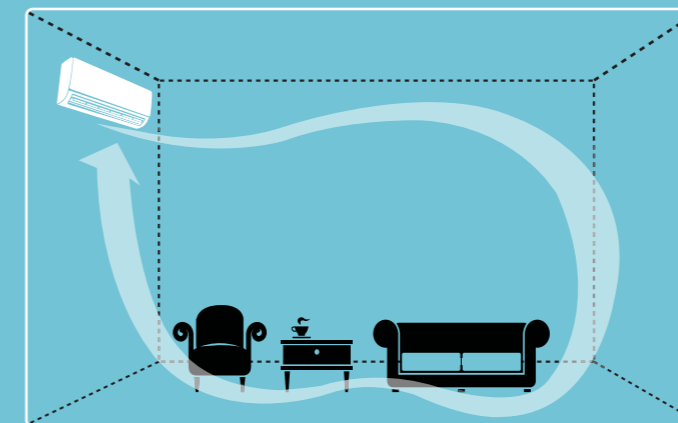
An inverter system works like the accelerator of a car, gently increasing or decreasing power. They reach the desired temperature quicker and steadily maintain it without fluctuations. That means uninterrupted comfort and significant savings on running costs.



Neodymium Magnet
10x Stronger

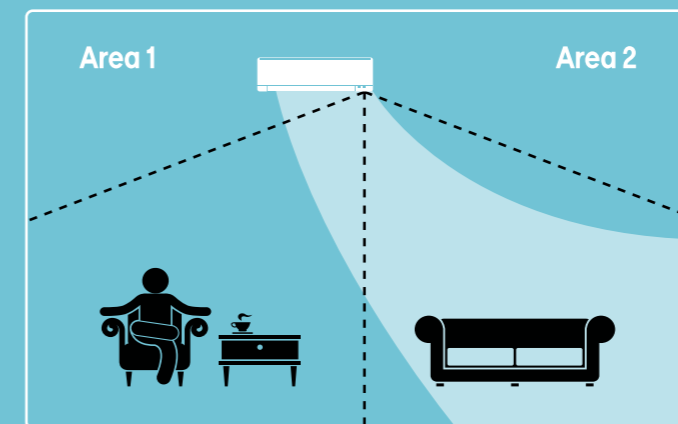
RELUCTANCE DC MOTOR

Our outdoor units incorporate Daikin's Reluctance DC motors. These motors which drive our compressors, utilise the magnetic torque of neodymium magnets in conjunction with reluctance torque, which can boost efficiency by up to 40% more than conventional motors.



COANDA AIRFLOW TECHNOLOGY

Our wall mounted indoor units* feature an advanced louvre design for streaming air upwards along the ceiling and creating a circulatory air motion in the occupied space. This ensures rapid cooling of the area, even temperature distribution and improved comfort levels.



INTELLIGENT EYE SENSOR

Each indoor wall mounted model is fitted with Daikin's trademark Intelligent Eye human sensor. This sensor cleverly switches the unit into energy saving mode when the room is unoccupied. On models fitted with the more advanced 2-Area variant, the intelligent eye can also be used to provide draught free comfort.

Draught free comfort operations: If occupant detected in area 1, airflow is directed away

*Only applicable to Cora 20-71 Class Models

Delivered in understated confidence, featuring whisper quiet operation and premium comfort levels without compromising on style.



85-95 Class



20-71 Class

2.0kW
-TO-
9.4kW
CAPACITY RANGE

9
MODELS

COOLING ONLY

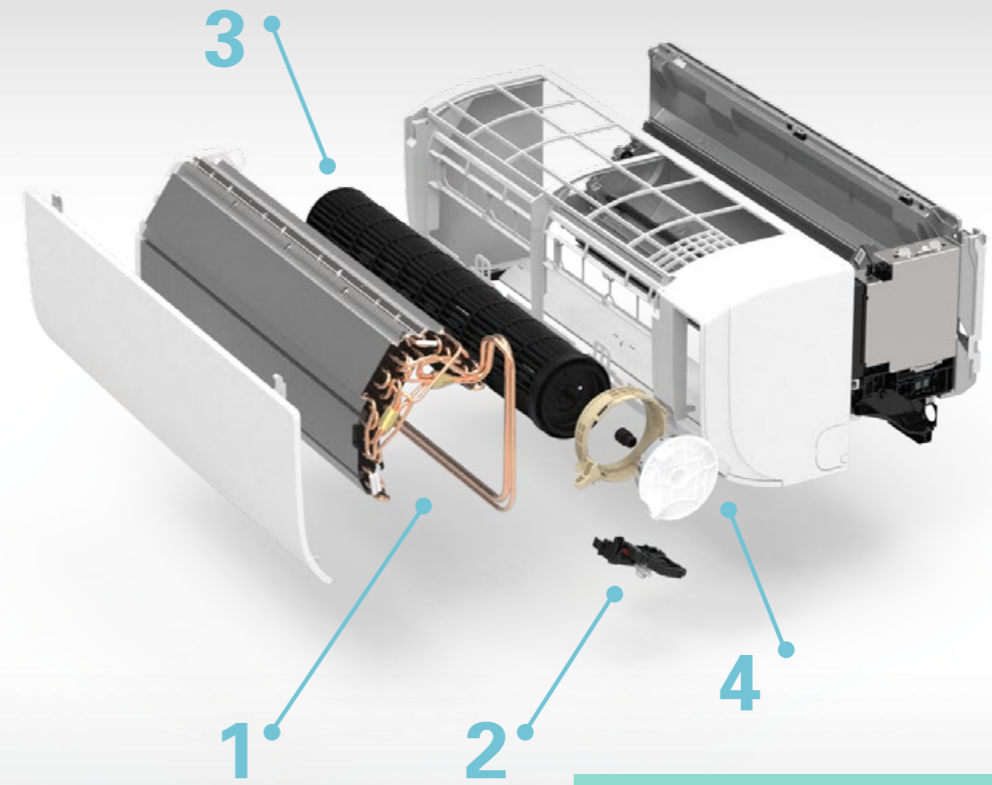


CORA

STYLED TO PERFORM

- R32 REFRIGERANT**
R32 is the next generation in refrigerants with 66% lower 'Global Warming Potential Factor' than R410A providing less risk of harm to the environment.
- COANDA AIRFLOW**
Discharge louvres are specially designed to stream air upwards along the ceiling for longer throws and delivering rapid cooling and even temperature distribution in the occupied space.
- INVERTER POWERFUL OPERATION**
Push the POWERFUL button on the remote control and you'll be relieved with a cooling boost for a 20 minute period, even if the unit's already operating at high capacity.

- INTELLIGENT COMFORT**
The New 2-Area Intelligent Eye* is so clever it can now either direct airflow towards you or away from you for draught free comfort. If the room is unoccupied the unit will automatically enable energy saving operations.
- PRECISION CONTROL**
For even greater precision and control, you can now set your room temperature in increments of 0.5°C to ensure optimal comfort conditions all year round.
- AIR PURIFICATION**
Each model is fitted with a titanium apatite deodorising air purification filter that traps microscopic particles, decomposes odours and even deactivates bacteria.



Mobile Controller Interface (Option)
Daikin's Mobile Controller Smartphone Interface allows you to control your Daikin Split System from anywhere, anytime.

TECHNOLOGY

- 1. REDESIGNED HEAT EXCHANGER**
Slit type fin design with Ø5mm piping increases heat exchange area for improved capacity output and energy performance.
- 2. NEW 2-AREA INTELLIGENT EYE**
Gives you the option to direct airflow either towards or away from you for draught free comfort. If no occupation is detected, the air conditioner operates in energy saving mode.

- 3. CROSS FLOW FAN**
Large diameter rotor with aerofoil blade design delivers larger volumes of air more quietly than ever before.
- 4. NEW ODM MOTOR**
Compact 10 pole DC outer diameter rotor motor delivers higher torque more efficiently.

ENERGY RATING

CLASS	20	25	35	46	50
STAR RATING COOL	★★★★★	★★★★★	★★★★☆	★★★★	★★★★
	60	71	85	95	
	★★★★	★★★★	★★★	★★★	

The more stars, the more energy efficient. The Star Rating Index is determined under conditions of AS/NZS 3823.1.1

*New 2-Area Intelligent Eye only applicable to 20-46 Class Models.
Note: Please see features checklist on page 14 for full list of features. Features and appearance varies for 85-95 Class Models.

If you're after multi room air conditioning, Daikin's Super Multi NX is the clever choice. It takes only one Super Multi NX outdoor unit to maintain comfort in up to five rooms.



COOLING ONLY

5.2kW
- TO -
10.0kW
CAPACITY RANGE

4
MODELS

SUPER MULTI NX

MAKE EVERY ROOM A COMFORT ZONE



R32 REFRIGERANT

R32 is the next generation in refrigerants with 66% lower 'Global Warming Potential Factor' than R410A providing less risk of harm to the environment.



PRIORITY ROOM SETTING

The feature allows you to shift up to 50% capacity from the other rooms to your priority room when required for rapid cooling of that space.



CONVENIENT CONTROL

For convenient controls, both our wired and wireless controllers enable individual control of settings such as temperature, airflow volume and scheduled operations.



INDIVIDUAL COMFORT

Each indoor unit can be individually controlled, scheduled and set to the desired room temperature ensuring optimal comfort for all occupants in the household at anytime.



TRULY VERSATILE

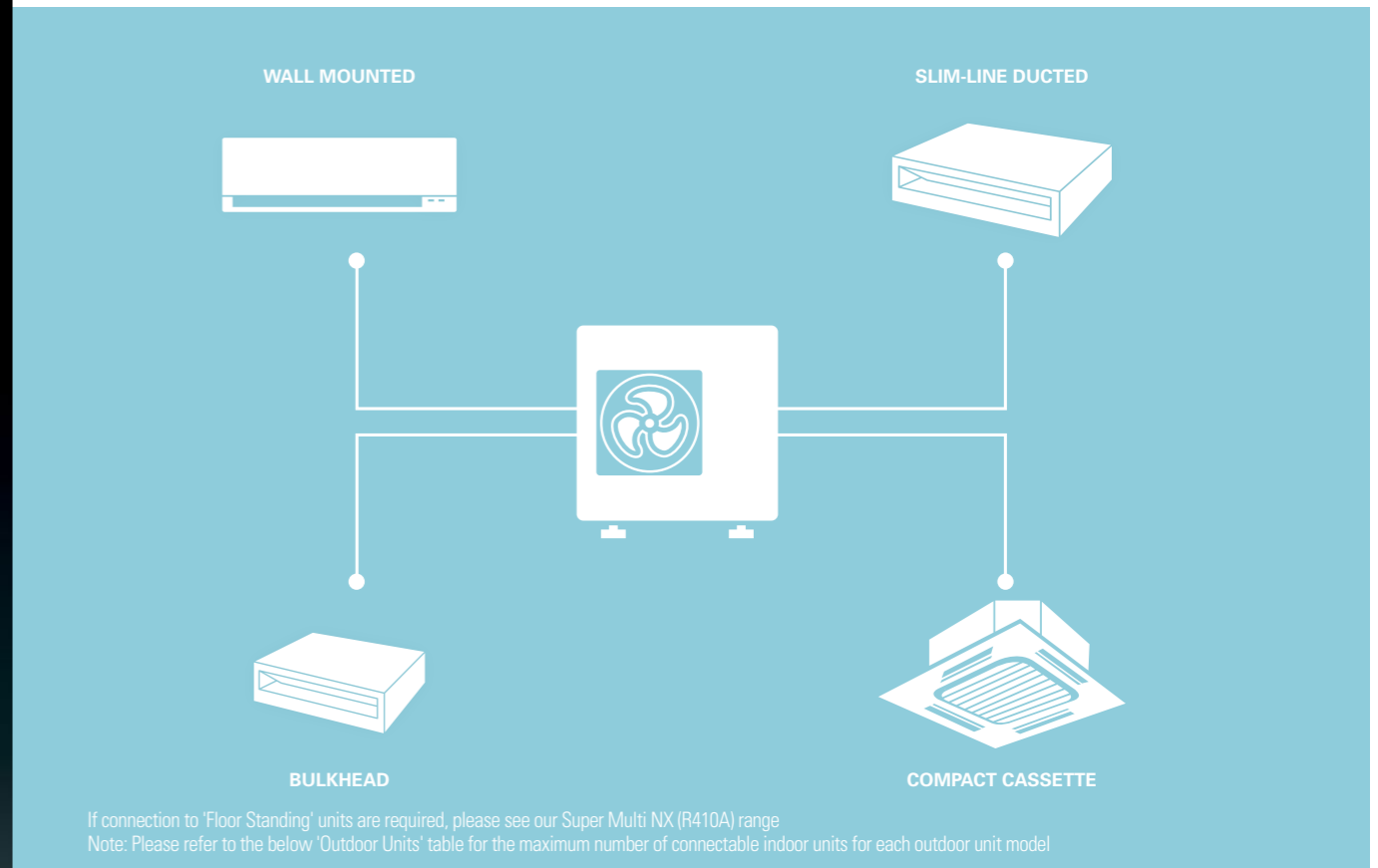
As many as 5 indoor units can be connected to a single outdoor unit combined with a broad selection of indoor units ranging from wall mounted, bulkhead, ducted and cassettes.



INTELLIGENT COMFORT

Wall mounted indoor units feature Daikin's 2-Area Intelligent Eye human sensor that ensures draught free comfort and automatically enables energy saving operations when the room is unoccupied.

INDOOR UNIT TYPES



INDOOR AND OUTDOOR UNIT RANGE

		INDOOR UNITS										OUTDOOR UNITS		
TYPE	MODEL	CAPACITY CLASS										MAXIMUM CONNECTABLE INDOOR UNITS	MODEL	CAPACITY (KW)
		20	25	35	46	50	60	71	85	95				
Wall Mounted	CTKM-RVMA	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	Up to 3 Indoor Units	3MKM52RVMA	5.2
Compact Cassette	FFA-RV1A	✗	✓	✓	✗	✓	✓	✗	✗	✗	✗		Up to 4 Indoor Units	4MKM68RVMA
Bulkhead - 900/1,100mm Width	CDXM-RVMA	✗	✓	✓	✗	✓	✓	✓	✗	✗	✗	Up to 5 Indoor Units		4MKM80RVMA
Bulkhead Compact - 700mm Width	CDXP-RVMA	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗		5MKM100RVMA	10.0
Slim-Line Ducted - 245mm Height, Max ESP: 150Pa	FMA-RVMA	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗			



MOBILE CONTROLLER

WI-FI CONTROL FOR YOUR DAIKIN WALL MOUNTED SPLIT

Mobile Controller puts your air conditioner's frequently used functions at your fingertips with an easy to use app. In conjunction with Daikin's BRP072C42 wireless LAN adaptor*, the easy to use Mobile Controller app lets you use your smartphone or tablet to operate your Daikin wall mounted air conditioning unit via Wi-Fi or the internet.

THREE WAYS TO CONNECT

1. DIRECT CONNECTION

For locations without a Wi-Fi network, the app can wirelessly connect directly to the a wireless LAN adaptor equipped air conditioner, when in range.

2. WI-FI CONNECTION

A LAN equipped air conditioner can easily be joined to a local Wi-Fi network. Once connected, the system can be controlled from any networked Android or iOS device.

3. INTERNET CONNECTION

Monitor and control your system from virtually anywhere, adjusting temperature and setting for a comfortable environment ready for when you arrive home. With no subscription costs from Daikin, all you need is a permanent internet connection for your Wi-Fi network, and an internet connection for your phone or tablet.

FEATURES

FUNCTION	CORA
Start/stop operation	✓
Set operation mode: Cool/Fan/Dry	✓
Set temperature operation	✓
Set fan speed	✗
Set airflow direction	✗
Show room temperature	✓
Show outdoor temperature	✓
Error notification	✓
Set weekly schedule: - Start/stop operation - Select operation mode - Set temperature Maximum 4 actions per day	✓
Child lock	✗
Password setting	✓

The Mobile Controller app is available for download, free from the Apple App Store or Google Play.

To download the Mobile Controller app, search 'Daikin Mobile Controller' in the Apple App Store or Google Play. It will appear as Mobile Controller app once downloaded.



THE SENSITIVE CHOICE FOR YOUR HOME

We're proud of our innovations. So we're pleased to announce that Daikin is the only Split System to receive approval from the National Asthma Council Australia. They introduced the Sensitive Choice® program to help identify products better suited for people who suffer from asthma and allergies. Daikin Split Systems and Air Purifiers are recognised by the Sensitive Choice® program, and carry the Blue Butterfly symbol.

DAIKIN CARES FOR YOUR AIR

All Daikin Split Systems and Air Purifiers are designed with an air-purifying filter. Many are fitted with a more advanced Titanium Apatite Deodorising Air Purification filter. These filters not only trap most microscopic airborne particles, but also assist to decompose odours, absorb and deactivate bacteria. Music to the ears of every sensitive nose.



*BRP072C42 includes Modbus protocol

PRODUCT SPECIFICATION

Cora - Cooling Only



20-71 CLASS



INDOOR UNIT		FTKM20QVMA	FTKM25QVMA	FTKM35QVMA	FTKM46QVMA	FTKM50QVMA	FTKM60QVMA	FTKM71QVMA	
OUTDOOR UNIT		RKM20QVMA	RKM25QVMA	RKM35QVMA	RKM46QVMA	RKM50QVMA	RKM60QVMA	RKM71QVMA	
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1	
Capacity Range	Cool (kW)	0.9-2.8	0.9-3.7	0.9-4.2	0.9-5.5	1.1-6.7	1.1-7.5	2.0-8.9	
Indoor Airflow Rate (H)	Cool (l/s)	152	167	175	203	267	310	310	
Indoor Fan Speeds		5 steps, quiet and automatic							
Energy Label/Star Ratings	Cool	5	5	3.5	3	4	3	2.5	
Front Panel Colour		White							
Power Supply		1 phase, 220-240V, 50Hz							
Power Input (Rated)	Cool (kW)	0.40	0.49	0.81	1.20	1.14	1.52	1.93	
E.E.R	Cool	5.00	5.10	4.32	3.83	4.39	3.95	3.68	
A.E.E.R	Cool	4.82	4.95	4.20	3.79	4.33	3.91	3.53	
Dimensions (HxWxD)	Indoor (mm)	285x770x223				295x990x263			
	Outdoor (mm)	550x675x284				695x930x350			
Weight	Indoor (kg)	9	9	9	9	13	13	13	
	Outdoor (kg)	28	30	30	51	54	54	60	
Compressor Type		Hermetically Sealed Swing Type							
Refrigerant Type		R32							
Max Pipe Length	(m)	20	20	20	30	30	30	30	
Max Level Difference	(m)	15	15	15	20	20	20	20	
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	6.4	6.4	
	Gas (mm)	9.5	9.5	9.5	12.7	12.7	12.7	15.9	
Outdoor Operating Range	Cool (°CDB)	-10 to 46							
Indoor Sound Level (H/SL)	Cool (dBA)	38/19	40/19	42/19	44/26	45/28	48/29	49/30	
Outdoor Sound Level (H/SL)	Cool (dBA)	46/43	47/43	49/44	47/44	47/44	49/45	53/49	
Outdoor EPA Sound Power Level (H)	Cool (dBA)	58	59	61	59	59	61	65	

PRODUCT SPECIFICATION

Cora - Cooling Only



85-95 CLASS



INDOOR UNIT		FTKM85PAVMA	FTKM95PAVMA
OUTDOOR UNIT		RKM85PAVMA	RKM95PAVMA
Rated Capacity	Cool (kW)	8.5	9.4
Capacity Range	Cool (kW)	2.0-10.5	2.0-11.2
Indoor Airflow Rate (H)	Cool (l/s)	360	383
Indoor Fan Speeds		5 steps, quiet and automatic	
Energy Label/Star Ratings	Cool	2	2
Front Panel Colour		White	
Power Supply		1 phase, 220-240V, 50Hz	
Power Input (Rated)	Cool (kW)	2.52	2.88
E.E.R	Cool	3.37	3.26
A.E.E.R	Cool	3.37	3.26
Dimensions (HxWxD)	Indoor (mm)	340x1200x259	
	Outdoor (mm)	990x940x320	
Weight	Indoor (kg)	17	17
	Outdoor (kg)	73	73
Compressor Type		Hermetically Sealed Swing Type	
Refrigerant Type		R32	
Max Pipe Length	(m)	30	30
Max Level Difference	(m)	20	20
Pipe Sizes	Liquid (mm)	6.4	6.4
	Gas (mm)	15.9	15.9
Outdoor Operating Range	Cool (°CDB)	-10 to 46	
Indoor Sound Level (H/SL)	Cool (dBA)	51/38	53/38
Outdoor Sound Level (H/SL)	Cool (dBA)	55/52	56/52
Outdoor EPA Sound Power Level (H)	Cool (dBA)	67	68

FEATURES CHECKLIST

	CORA
Cooling only	FTKM20QVMA FTKM25QVMA FTKM35QVMA FTKM46QVMA FTKM50QVMA FTKM60QVMA FTKM71QVMA FTKM85PAVMA FTKM95PAVMA
DC Inverter	✓
PAM Control	✓
Standby Power Function	✓
Power-Airflow Flaps	✓ ¹
Power-Airflow Dual Flaps	✓ ²
Vertical Auto-Swing (up and down)	✓
Horizontal Auto-Swing (right and left)	✓
3-D Airflow	✓
Vertical Airflow	
Circulation Airflow	
Breeze Airflow	
Comfortable Airflow	✓
Indoor Unit Quiet Operation	✓
Outdoor Unit Quiet Operation	✓
Intelligent Eye	✓ ²
2-Area Intelligent Eye	
New 2-Area Intelligent Eye	✓ ¹
Grid Eye Sensor	
Automatic Operation	✓
Program Dry Function	✓
Auto Fan Speed	✓
Hot Start	
Titanium Apatite Deodorising Filter	✓
Air-Purifying Filter	✓
Flash Streamer Technology	
Econo Mode	✓
Radiant Mode	
Powerful Operation	✓
LCD Wireless Remote Control	✓
Indoor Unit On/Off Switch	✓
24-Hour On/Off Timer	✓
Countdown Off Timer	
Quick Heating Timer	
Weekly Timer	✓
Night Set Mode	✓
Auto-Restart after Power Failure	✓
Self Diagnosis with Digital Display	✓
Anticorrosion Treatment of Outdoor Heat Exchanger Fin	✓
Demand Enabled Response (DRED)	✓ ⁴
Wireless LAN Connection	✓ ⁵
0.5°C Step Room Temperature Control	✓ ³

- 1 Only available for 2.0-4.6 kW Class
- 2 Only available for 5.0-9.4 kW Class
- 3 Only available for 2.0-7.1 kW Class
- 4 Optional Accessory
- 5 Optional Accessory, Remote Control PCB also required for 2.0-7.1 Class. (BRP067A42 for 2.0-4.6 Class, BRP980B42 for 5.0-7.1 Class)

Notes:

- i. The Rated Capacity, Power Input and Running Current are determined under conditions T1 (cooling) or H1 (heating) of AS/NZS 3823.1.1
Cooling: Indoor temp: 27°CDB/19°CWB
Outdoor temp: 35°CDB/24°CWB
Heating: Indoor temp: 20°CDB/15°CWB
Outdoor temp: 7°CDB/6°CWB
- ii. The cooling (or heating) output capacity will be reduced below the rated value as the outdoor temperature approaches the maximum (or minimum) outdoor temperature operating range limit.
- iii. Indoor and outdoor unit sound levels are determined in an anechoic chamber at a distance of 1 metre from the front of the unit. They are normally higher during actual operation due to ambient conditions.
- iv. Inverter air conditioners do not have a current surge during start up. The compressor start current of an inverter air conditioner is typically lower than specified running current.
- v. The specifications, designs and information in this brochure are subject to change without notice. Unit colours shown are as close as possible to actual unit colours. Colours depicted in this brochure may vary slightly.



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ASSUMPTIONS

All representations made in Daikin marketing and promotional material are based on the assumptions that the correct equipment has been selected, appropriately sized and installed in accordance with Daikin's installation instructions and standard industry practices.

QUALITY CERTIFICATIONS

Daikin Industries Limited was the first air conditioning equipment manufacturer in Japan to receive ISO 9001 certification. All Daikin manufacturing facilities have been certified to ISO 9001 Quality Management System requirements. ISO 9001 is a certificate for quality assurance concerning 'design, development, manufacturing, installation and related service' of products manufactured at that factory.

ENVIRONMENTAL CERTIFICATIONS

Daikin Industries Limited has received ISO 14001 Environmental Certification for the Daikin production facilities listed below. ISO 14001 is an international standard specifying requirement for an environmental management system, enabling an organisation to formulate policy and objectives, taking into account legislative requirements and information about significant environmental impacts. It applies to those environmental aspects within the organisation's control and over which it can be expected to have an influence.

The certification relates only to the environmental management system and does not constitute any endorsement of the products shipped from the facility by the International Organisation for Standardisation.

Head Office /Tokyo Office
Shiga Plant (Japan)
Sakai Plant (Japan)
Daikin Industries Ltd (Thailand)
Yodogawa Plant (Japan)
Daikin Australia Pty. Ltd.

Certificate number: EC02J0355
Certificate number: EC99J2044
Certificate number: JOA-E-80009
Certificate number: JOA-E-90108
Certificate number: EC99J2057
Certificate number: CEM20437

Daikin Australia Pty Limited (ISO 9001)
QEC 23256 May 12, 2006
Sydney, Brisbane, Adelaide, Melbourne, Newcastle, Townsville, Perth



Daikin Australia Pty Limited (ISO 14001)
CEM 20437 October 27, 2006
Sydney, Brisbane, Adelaide, Melbourne, Perth



Residential Air Conditioning Manufacturing Div (ISO 9001)
JQA-0486 May 2, 1994
(Shiga Plant)

Commercial Air Conditioning and Refrigeration Manufacturing Div (ISO 9001)
JMI0107 December 28, 1992
(Kanaoka Factory and Rinkai Factory at Sakai Plant)

Industrial System and Chiller Products Manufacturing Div (ISO 9001)
JQA-0495 May 16, 1994
(Yodogawa Plant and Kanaoka Factory and Kishiwada Factory)

Daikin Europe N.V (ISO 9001)
Lloyd 928589.1 June 2, 1993

Daikin Industries (Thailand) Ltd
JQA-1452 September 13, 2002
(ISO 9001)



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