

A man and a woman are lying in bed, looking at the camera. The man is in the foreground, wearing a light yellow t-shirt, with his hands clasped. The woman is behind him, wearing a light green sweater, with her hands behind her head. They are both smiling slightly. The bed has white linens.

DUCTED HEATING AND COOLING SOLUTIONS FROM DAIKIN

Whole house comfort for your home



YEAR ROUND **Comfort**
FOR YOUR FAMILY

Air conditioning does much more than heat and cool the space you live and work in. Daikin air conditioning allows you to obtain an ideal temperature in your home, providing your family comfort all year round.

A Daikin Specialist Dealer is your expert when it comes to providing the comfort of quiet, energy efficient air conditioning. With over 450 Daikin Specialist Dealers across Australia and New Zealand, there's sure to be one near you.

Ducted Air Conditioning Explained

A Daikin ducted system provides air conditioned comfort throughout your entire home. It can be installed in a new home or tailored to suit an existing one. The indoor unit is located within the ceiling or under the floor, with flexible ducting distributing conditioned air through vents located in chosen areas throughout the house. The condensing unit is installed outside the home.

DID YOU KNOW...

*Daikin Ducted Indoor units are designed and built in Australia in our very own manufacturing facility in Sydney.**

FLEXIBILITY

Daikin ducted air conditioning gives you the flexibility to heat or cool every room in your home through the use of ducts, these are then 'zoned' - and how you 'zone' your home is up to you. An example of this is you may want to zone all the bedrooms in zone 1, the living areas in zone 2 and so on.

THE RIGHT FIT FOR ANY HOME – NEW OR EXISTING

If you are building a new home, your Daikin Specialist Dealer can work with you from the planning stage to tailor a ducted system to suit your specific needs. From the initial quote to installation, your Daikin Specialist Dealer will ensure that when you move into your new home, you'll enjoy whole house comfort.

If you already live in your home, Daikin ducted air conditioning can be tailored to fit an existing building. A Daikin Specialist Dealer will come to your home, talk through your requirements and provide a range of options to choose from.



*All models designed and built in Australia with the exception of the FDXS Series.

TIP

IF YOU ARE BUILDING A NEW HOME, ARRANGE A DAIKIN DEALER TO VISIT YOU TO GO THROUGH YOUR PLANS AND HELP YOU WITH A QUOTE.



A handy addition to any ducted *air conditioning system...*

Daikin Air Purifiers produce air that's both cleaner and fresher. The technology of a negative ion generator aids the removal of pollutants, dust particles and other airborne matter from the air in your home. Daikin's Air Purifier's enhanced performance is due to an advanced seven layer filtering system (see below). Approved by the National Asthma Council Australia and Asthma & Respiratory Foundation NZ, Daikin Air Purifiers are authorised to display the Sensitive Choice butterfly symbol.

Air Purifier Filters:

1. Prefilter
2. Bio-antibody filter
3. Plasma ionizer
4. Flash streamer unit
5. Electrostatic dust collection filter
6. Titanium apatite photo-catalytic filter
7. Streamer deodorising catalyst



Daikin's i-text*

Control your air conditioner from your mobile phone wherever you are. Be in control wherever you go. Come home to a perfectly comfortable temperature simply by using your mobile phone. Daikin i-text is the latest advance in Daikin technology that allows you to switch your air conditioning "on" or "off", select your ideal temperature, or check current settings, all via text message. For peace of mind it texts you back to confirm your instructions have been carried out.

Daikin i-text can be easily and quickly installed to new and most existing ducted air conditioning systems by your Daikin Specialist Dealer.



KEEPING AN EYE ON YOUR AIR CONDITIONER FROM A DISTANCE

Keep an eye on your Daikin's settings while you're out and about. This is especially convenient if there is someone in your house who is unsure how to operate your Daikin or if you've forgotten whether you've left it on or off.

ARRIVING HOME TO A COMFORTABLE TEMPERATURE

Whether it's summer or winter, you can always walk into your home and know the temperature will be just as you want it. Send a text message from your mobile and your Daikin ducted system will respond instantly.

INSTANT NOTIFICATION IF ANYTHING GOES WRONG

If a malfunction occurs while you're out, a message will be sent to your mobile displaying an error code. This will allow you to have the problem diagnosed and rectified much quicker.

* Subject to GSM coverage. Sim card required. May not work with all controllers.

- ▶ STYLISH DESIGN
- ▶ QUIET OPERATION

- ▶ NO INSTALLATION REQUIRED
- ▶ PORTABLE

- ▶ EASY CLEANING AND MAINTENANCE

FEATURES

AND *benefits**

EFFICIENT

The **Home Leave** function can be selected when leaving the house so that your air conditioner will operate at a pre-selected temperature. Alternatively it can also be used to record your preferred (default) settings.

Automatic Changeover mode allows automatic selection of cooling or heating modes to suit the thermostat settings and prevailing room temperature.

Program Dry mode gives priority to reducing the level of humidity in the room rather than room temperature.

Auto Restart mode memorises the settings on the controller before a power outage and restarts the unit to the same operating conditions when power is restored.

EASY TO OPERATE

Self Diagnostics allows fast and easy diagnostics by monitoring the operation of the system and displaying a malfunction code in the unlikely event of a problem developing with the system.

Automatic Defrosting is carried out to minimise the amount of frost on the outdoor heat exchanger ensuring efficient and high performance in winter.

24 Hour On/Off Timer can be pre-set to start and stop the air conditioner at any time within a 24 hour period. Once the times are set, the air conditioner can be operated for a period by simply pressing the ON or OFF timer buttons.

DESIGN

Indoor Unit Designed and built in Australia (except FDXS series).

Compact Design of indoor units allows installation into limited roof space.

Indoor Units can be dismantled for easier installation into confined roof spaces.

Outdoor Unit Quiet Mode reduces the operating noise of the outdoor unit for times when low noise operation is required.



FEATURES AND BENEFITS: DUCTED

	Inverter Bulk Head Models (1 phase)	Inverter Ducted Models (1 phase)	Inverter Ducted Models (3 phase)	Fixed Speed Ducted Models (1 phase)	Hybrid Ducted Models (3 phase)
	FDXS25CVMA FDXS35CVMA FDXS50CVMA FDXS60CVMA	FDYQ50DV1 FDYQ60DV1 FDYQ71FAV1 FDYQ100KAV1 FDYQ125KAV1 FDYQ160KAV1	FDYQ100KAV1 FDYQ125KAV1 FDYQ160KAV1 FDYQ180MV1 FDYQ200PV1 FDYQ250MV1	FDYQN71FAV1 FDYQN100KAV1 FDYQN125KAV1 FDYQN160KAV1	FDYQN200PV1 FDYQN250KV1
Indoor Unit Quiet Mode	✓				
Outdoor Unit Quiet Mode	✓				
Automatic Fan Speed	✓				
Indoor Fan Cycles with Compressor Δ		✓	✓	✓	✓
Low Noise Operation		✓	✓	✓	✓
Hot Start	✓	✓	✓	✓	✓
Swing Compressor	✓	✓*		✓*	
Scroll Compressor		✓	✓	✓	✓
Automatic Mode Changeover	✓	✓	✓	✓	✓
Program Dry Mode	✓	✓	✓	✓	✓
24 Hour On/Off timer	✓	✓	✓	✓	✓
Night Set Mode	✓				
Night Quiet Mode		✓ ○	✓	✓	✓
Auto Restart	✓	✓	✓	✓	✓
Self Diagnostics	✓	✓	✓	✓	✓
Automatic Defrosting	✓	✓	✓	✓	✓
Home Leave Function	✓				
Indoor Unit Designed and Built in Australia		✓	✓	✓	✓
Electronic Control System	✓	✓	✓	✓	✓
Corrosion Treatment for Outdoor Heat Exchange	✓	✓	✓	✓	✓
Long Piping Length		✓	✓	✓	✓
Indoor Unit-High Efficiency (HI-X) Heat Exchanger Coil		✓	✓	✓	✓
High Strength Galvanized Steel Casing		✓	✓	✓	✓
Indoor Unit Design Allows for Installation Into Limited Roof Space		✓	✓	✓	✓
Intelligent Defrost for High Heat Output at Low Winter Outdoor Temperatures □		✓	✓	✓	

- * 71 only- 100 - 250 are scroll type
Δ Can be set up by installer during commissioning of system
○ Not available for models FDYQ50 & 60
□ Intelligent Defrost on models 71-160

* Not all features available on all models.
Please refer to checklist on page 5.

Not all features available on all models
Night Quiet and Night Set mode may reduce capacity
Low noise operation: optional PCB necessary

Daikin's Ducted *Zone Controller*

Using the latest Japanese technology, Daikin's ducted zone controller was developed in Australia specifically for Australian & New Zealand conditions. So you can now control your Daikin ducted system to deliver ultimate comfort to different areas of your home. Daikin's state-of-the-art ducted zone controllers have innovative features to make it easy for you to enjoy the comfort of your own home even more.

There are four models to help you tailor your Daikin ducted system exactly to your needs, providing you with the right level of comfort where and when you want it.

There is a backlit display to make it easy for you to view the controller's functions. Its advanced design gives you the flexibility to install your controller in a location of your choice. Plus the easy to read type rather than symbols makes this controller even more user friendly.

AN EASY CHOICE

The ability of a Daikin ducted system to deliver ultimate comfort is maximised by your choice of controller. There are four available so you can match one to the size and number of zones in your home with the controller that's right for your needs. Any one of these new Daikin ducted controllers can put you in the zone – the ultimate comfort zone.

- BRC230Z4 for up to four zones (230 – 240 volt damper motors)
- BRC230Z8 for up to eight zones (230 – 240 volt damper motors)
- BRC24Z4 for up to 4 zones (24 volt damper motors)
- BRC24Z8 for up to 8 zones (24 volt damper motors)
- BRCSZC – second controller ideal for double storey or larger homes

EASY TO SET UP AND PROGRAM

The three different timer and time clock operations of the Daikin Ducted Zone Controller makes it easy for you to enjoy ultimate comfort when and where you want it.

The Countdown On-Off Timer programs your ducted system to be turned on and / or off after a pre-set number of hours. You can select this pre-set time in 1 hour increments from 1 – 12 hours. The unit starts counting down from the moment it has been set and the timer is non-repetitive.

The Simple 7-day Time Clock allows the user to program the controller to turn the Daikin Ducted System on and / or off at set times for every day of the week. Up to two on and two off programs can be set for each day to suit your lifestyle. You can link modes and set temperatures to each program.

The Comprehensive 7-Day Timer Clock does everything the simple 7-day Time Clock does and more. Zone on-off control and temperature sensor selection can also be programmed into the Time Clock giving you an even greater ability to tailor the system to suit your lifestyle.

Controllers

NAV EASE CONTROLLER (STANDARD)

Key Features:

- ▶ Backlit display
- ▶ Adjustable off reminder timer
- ▶ Large buttons and arrow keys for simple operation
- ▶ Guide on display
- ▶ Weekly schedule timer
- ▶ Multilingual display available



ZONE CONTROLLER (OPTIONAL UPGRADE)

Key Features:

- ▶ Ability to program your system to turn on/off after a pre-set number of hours
- ▶ Ability to zone your home for ultimate comfort control
- ▶ Up to two on and two off programs can be set for each day to suit your lifestyle
- ▶ Ability to link modes and set temperatures to each program
- ▶ Filter cleaning reminder periodically alerts you to clean filters

TECHNOLOGY

THAT DELIVERS **comfort** AND **energy efficiency** FOR YOUR HOME



DAIKIN'S INVERTER DIFFERENCE

Daikin Inverter air conditioners are more powerful and more energy efficient than conventional, non-Inverter models. Conventional air conditioners operate at a fixed speed, delivering a fixed amount of cooling and heating. A Daikin Inverter has more advanced technology that operates more intelligently. The principle is simple: Inverters adjust the power to suit your actual requirements – no more, no less.

The Inverter continuously adjusts its cooling and heating output in accordance with the temperature in the room. When the desired temperature is reached, Inverter technology ensures it is constantly maintained – keeping you comfortable at the same time as running more efficiently.



Inverter Bulkhead Models

SINGLE PHASE

INDOOR UNIT		FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA
OUTDOOR UNIT		RXS25EBVMA	RXS35EBVMA	RXS50KVMA	RXS60KVMA
Rated Capacity	Cool (kW)	2.4	3.4	5.0	6.0
	Heat (kW)	3.2	4.0	5.8	7.0
Capacity Range	Cool (kW)	1.2-3.0	1.2-3.8	1.7-5.3	1.7-6.5
	Heat (kW)	1.2-4.5	1.2-5.0	1.7-6.0	1.7-8.0
Power Input (Rated)	Cool (kW)	0.69	1.09	1.65	2.13
	Heat (kW)	0.91	1.18	1.92	2.32
E.E.R./C.O.P.	C/H	3.48/3.52	3.12/3.39	3.03/3.02	2.82/3.02
Air Flow Rate (Rated)	l/s	158	167	200	266
Indoor Sound Level (@1.5m)	dBA	35	35	37	38
ESP Settings	Pa	40	40	40	40
Indoor Fan Speeds		5 steps, quiet & automatic			
Dimensions (HxWxD)	Indoor (mm)	200x900x620	200x900x620	200x900x620	200x1100x620
	Outdoor (mm)	550x765x285	550x765x285	735x825x300	735x825x300
Weight	Indoor (kg)	25	25	27	30
	Outdoor (kg)	34	34	48	48
Power Supply	V/Hz	1 phase, 220-240V, 50Hz			
Compressor Type		Hermetically sealed swing type			
Refrigerant		R410A	R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve			
Refrigerant Pipe Size	Liquid (mm)	6.4 (Flared)	6.4 (Flared)	6.4 (Flared)	6.4 (Flared)
	Gas (mm)	9.5 (Flared)	9.5 (Flared)	12.7 (Flared)	12.7 (Flared)
Drain Pipe Size	mm	VP20 (OD 26, ID 20)			
Supply Air Connection	mm	153x860 (Flange)			153x1060 (Flange)
Return Air Connection	mm	180x800 (Flange)			180x1000 (Flange)
Max Actual Pipe Length	m	20	20	30	30
Max Level Difference	m	15	15	20	20
Pre Charged Length	m	10	10	10	10
Outdoor Operating Range	Cool (°CDB)	10 to 46	10 to 46	10 to 46	10 to 46
	Heat (°CWB)	-10 to 20	-10 to 20	-15 to 18	-15 to 18
Outdoor Sound Level (H) @ 1 metre from front of unit	Pressure dBA (C/H)	47/48	48/48	47/48	49/49
EPA Sound Power Level	Outdoor (dBA)	63	63	62	63

Inverter Ducted Models

SINGLE PHASE



NOTES:

- 1. Rated capacity is measured in accordance with AS/NZS 3823.1.2
- 2. The cooling (or heating) capacities will be reduced below the rated values as the outside temperature approaches the maximum (or minimum) temperature limits.
- 3. Outdoor sound pressure levels are determined in accordance with JIS8615.
- 4. Outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.
- 5. Outdoor sound power levels are determined in accordance with EPA regulations.
- 6. The Daikin 5 year warranty applies only to products in this brochure purchased and installed in Australia and New Zealand. It does not apply to any non Daikin components used in the installation (e.g ducting, air outlets, zone motors etc.)
- 7. The Queensland and South Australian Governments have introduced energy efficiency requirements that are no longer consistent with the Australian Standard. As a consequence, certain models displayed in this brochure may not be available for sale in your state. For confirmation on model availability or alternatives please contact your Daikin Specialist Dealer.
- 8. 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.

INDOOR UNIT		FDYQ50DV1	FDYQ60DV1
OUTDOOR UNIT		RXS50JVMA	RXS60JVMA
Rated Capacity	Cool (kW)	5.1	6.0
	Heat (kW)	6.0	7.0
Capacity Range	Cool (kW)	1.7-5.6	1.7-7.0
	Heat (kW)	1.7-7.0	1.7-8.0
Power Input (Rated)	Cool (kW)	1.52	2.17
	Heat (kW)	1.62	2.05
E.E.R./C.O.P.	C/H	3.4/3.7	2.8/3.4
Air Flow Rate (@ 100pa)	l/s	370	400
Indoor Sound Level (@1.5m)	dBA	44	45
ESP Settings	Pa	40-180Pa	40-180Pa
Indoor Fan Speeds		HH/H/L	HH/H/L
Dimensions (HxWxD)	Indoor (mm)	300x1015x851	300x1015x851
	Outdoor (mm)	735x825x300	735x825x300
Weight	Indoor (kg)	35	35
	Outdoor (kg)	48	48
Power Supply	V/Hz	1 phase, 220-240V, 50Hz	
Compressor Type		Hermetically sealed swing type	
Refrigerant		R410A	R410A
Refrigerant Control		Electronic Expansion Valve	
Refrigerant Pipe Size	Liq (mm)	6.4 (Flared)	6.4 (Flared)
	Gas (mm)	12.7 (Flared)	12.7 (Flared)
Drain Pipe Size		ID 25mm OD 32mm	
Supply Air Connection	mm	202x762	202x762
Return Air Connection	mm	1x400 (Oval)	1x400 (Oval)
Max Actual Pipe Length	m	30	30
Max Level Difference	m	20	20
Pre Charged Length	m	10	10
Outdoor Operating Range	Cool (°CDB)	10 to 46	10 to 46
	Heat (°CWB)	-15 to 18	-15 to 18
Outdoor Sound Level (H) @ 1 metre from front of unit	Pressure dBA (C/H)	47/48	49/49
EPA Sound Power Level	Outdoor (dBA)	62	63

INDOOR UNIT		FDYQ71FAV1	FDYQ100KAV1	FDYQ125KAV1	FDYQ160KAV1	FDYQ160KAV1
OUTDOOR UNIT		RZQ71KBV4A	RZQ100KV4A	RZQ125KV4A	RZQ160KV4A	RZQ150KV4A
Rated Capacity	Cool (kW)	7.1	10.0	12.5	15.0	14.1
	Heat (kW)	7.5	12.1	14.9	16.3	16.3
Capacity Range	Cool (kW)	3.2-8.0	5.0-11.2	5.7-14.0	6.2-15.0	6.2-15.0
	Heat (kW)	3.5-9.0	5.1-12.5	6.0-16.0	6.2-18.0	6.2-18.0
Power Input (Rated)	Cool (kW)	2.37	3.09	4.17	5.35	5.09
	Heat (kW)	2.64	3.46	4.3	4.55	4.55
E.E.R./C.O.P.	C/H	2.99/2.84	3.24/3.50	3.00/3.47	2.8-3.58	2.78/3.58
Air Flow Rate (@ 100pa)	l/s	560	815	900	1000	1000
Indoor Sound Level (@1.5m)	dBA	45	46	48	51	51
ESP Settings	Pa	STD/HI	STD/HI	STD/HI	STD/HI	STD/HI
Indoor Fan Speeds		HI/LO	HI/LO	HI/LO	HI/LO	HI/LO
Dimensions (HxWxD)	Indoor (mm)	360x1168x869	360x1478x899	360x1478x899	360x1478x899	360x1478x899
	Outdoor (mm)	770x900x320	1170x900x320	1170x900x320	1170x900x320	1170x900x320
Weight	Indoor (kg)	48	59	65	66	66
	Outdoor (mm)	68	98	98	98	98
Power Supply	V/Hz	1 phase, 220-240V, 50Hz				
Compressor Type		Swing	Hermetically sealed scroll type			
Refrigerant		R410A	R410A	R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve				
Refrigerant Pipe Size	Liq (mm)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)
	Gas (mm)	15.9 (Flared)	15.9 (Flared)	15.9 (Flared)	15.9 (Flared)	15.9 (Flared)
Drain Pipe Size		ID 25mm OD 32mm				
Supply Air Connection	mm	751x243 (Flange)	1152x243 (Flange)	1152x243 (Flange)	1152x243 (Flange)	1152x243 (Flange)
Return Air Connection	mm	1x400 (Oval)	2x400 (Oval)	2x400 (Oval)	2x400 (Oval)	2x400 (Oval)
Max Actual Pipe Length	m	50	75	75	75	75
Max Level Difference	m	30	30	30	30	30
Pre Charged Length	m	30	30	30	30	30
Outdoor Operating Range	Cool (°CDB)	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46
	Heat (°CWB)	-15 to 15.5	-15 to 15.5	-15 to 15.5	-15 to 15.5	-15 to 15.5
Outdoor Sound Level (H) @ 1 metre from front of unit	Pressure dBA (C/H)	48/50	49/51	50/52	50/52	50/52
EPA Sound Power Level	Outdoor (dBA)	66	65	-	-	-

Inverter Ducted Models

3 PHASE



Fixed Speed Ducted Models

SINGLE PHASE

								HYBRID DUCTED MODELS (3 PHASE)	
INDOOR UNIT		FDYQ100KAV1	FDYQ125KAV1	FDYQ160KAV1	FDYQ180MV1	FDYQ200PV1	FDYQ250MV1		
OUTDOOR UNIT		RZQ100HY4A	RZQ125HY4A	RZQ160HY4A	RZQ7PY19	RZYQ8PY19	RZYQ10PUY1		
Rated Capacity	Cool (kW)	10.0	12.5	14.5	18.0	20.0	24.6		
	Heat (kW)	12.1	14.9	16.3	20.0	22.4	28.0		
Capacity Range	Cool (kW)	5.0-11.2	5.7-14.0	6.2-15.5	10.8-20.0	12.0-22.4	15.0-28.0		
	Heat (kW)	5.1-12.5	6.0-16.0	6.2-18.0	12.0-22.4	13.4-25.0	16.8-31.5		
Power Input (Rated)	Cool (kW)	3.09	4.17	5.33	5.68	6.47	8.42		
	Heat (kW)	3.46	4.3	4.55	5.63	6.22	8.86		
E.E.R./C.O.P.	C/H	3.24/3.50	3.00/3.47	2.72/3.58	3.17/3.55	3.09/3.60	2.92/3.16		
Air Flow Rate (Rated)	l/s	815	900	1000	1180	1200	1400		
Indoor Sound Level (@1.5m)	dBA	46	48	51	51	51	51		
ESP Settings	Pa	STD/HI	STD/HI	STD/HI	STD/HI	STD/HI	STD/HI		
Indoor Fan Speeds		HI/LO	HI/LO	HI/LO	HI/LO	HI/LO	HI/LO		
Dimensions (HxWxD)	Indoor (mm)	360x1478x899	360x1478x899	360x1478x899	500x1210x910	500x1410x910	500x1410x910		
	Outdoor (mm)	1345x900x320	1345x900x320	1345x900x320	1680x930x765	1680x930x765	1680x1240x765		
Weight	Indoor (kg)	59	65	66	77	87	98		
	Outdoor (kg)	108	108	108	205	205	298		
Power Supply	V/Hz	3 phase, 415V, 50Hz							
Compressor Type		Hermetically sealed scroll type							
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A		
Refrigerant Control		Electronic Expansion Valve							
Refrigerant Pipe Size	Liquid (mm)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)		
	Gas (mm)	15.9 (Flared)	15.9 (Flared)	15.9 (Flared)	19.1 (Brazed)	19.1 (Brazed)	22.2 (Brazed)		
Drain Pipe Size		ID 25mm, OD 32mm			BSP 3/4 inch internal Thread				
Supply Air Connection	mm	1152x243 (Flared)			827x376 (Flange)	827x376 (Flange)	939x376 (Flange)		
Return Air Connection	mm	2x400 (oval)			918x350 (Flange)	1118x350 (Flange)	1118x350 (Flange)		
Max Actual Pipe Length	m	75	75	75	150	150	150		
Max Level Difference	m	30	30	30	50 (40 if outdoor unit is below)				
Pre Charged Length	m	30	30	30	0	0	0		
Outdoor Operating Range	Cool (°CDB)	-5 to 46	-5 to 46	-5 to 46	-5 to 43	-5 to 43	-5 to 43		
	Heat (°CWB)	-15 to 15.5	-15t o 15.5	-15 to 15.5	-20 to 15.5	-20 to 15.5	-20 to 15.5		
Outdoor Sound Level (H) @ 1 metre from front of unit	Pressure dBA (C/H)	49/51	50/52	50/52	57/57	57/57	60/60		
EPA Sound Power Level	Outdoor (dBA)	65	-	-	-	-	-		

								HYBRID DUCTED MODELS (3 PHASE)	
INDOOR UNIT		FDYQN71FAV1	FDYQN100KAV1	FDYQN125KAV1	FDYQN160KAV1	FDYQN200PV1	FDYQN250KV1		
OUTDOOR UNIT		RQ71KBV4A	RQ100KV4A	RQ125KV4A	RQ140KV4A	RQ200KY1	RQ250KY1		
Rated Capacity	Cool (kW)	7.1	10.9	13.5	14.0	20.0	24.0		
	Heat (kW)	7.5	11.8	14.2	16.3	22.4	26.8		
Power Input (Rated)	Cool (kW)	2.55	3.97	4.8	5.05	6.47	8.14		
	Heat (kW)	2.72	3.5	4.3	4.8	6.22	7.95		
E.E.R./C.O.P.	C/H	2.78/2.76	2.75/3.37	2.81/3.30	2.77-3.40	3.09-3.60	2.95/3.37		
Air Flow Rate (Rated)	l/s	560	815	900	1000	1200	1400		
Indoor Sound Level (@1.5m)	dBA	45	46	48	51	51	51		
ESP Settings	Pa	STD/HI	STD/HI	STD/HI	STD/HI	STD/HI	STD/HI		
Indoor Fan Speeds		HI/LO	HI/LO	HI/LO	HI/LO	HI/LO	HI/LO		
Dimensions (HxWxD)	Indoor (mm)	360X1168X869	360X1478X869	360X1478X899	360X1478X899	500x1410x910	500x1410x910		
	Outdoor (mm)	770X900X320	1170X900X320	1170x900x320	1170x900x320	1680x930x765	1680x1240x765		
Weight	Indoor (kg)	48	59	65	66	87	98		
	Outdoor (kg)	68	99	99	99	205	285		
Power Supply	V/Hz	1 phase, 220-240v,50Hz				3 Phase,415v,50Hz			
Compressor Type		Swing	Hermetically sealed scroll type						
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A		
Refrigerant Control		Electronic Expansion Valve							
Refrigerant Pipe Size	Liquid (mm)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)	9.5 (Flared)	9.5 (Brazed)	9.5 (Brazed)		
	Gas (mm)	15.9 (Flared)	15.9 (Flared)	15.9 (Flared)	15.9 (Flared)	19.1 (Brazed)	22.2 (Brazed)		
Drain Pipe Size		ID 25mm, OD 32mm				BSP 3/4 inch internal Thread			
Supply Air Connection	mm	751x243 (Flange)	1152x243 (Flange)			827x376 (Flange)	939x376 (Flange)		
Return Air Connection	mm	1x400 (Oval)	2x400 (oval)	2x400 (oval)	2x400 (oval)	1118x350 (Flange)			
Max Actual Pipe Length	m	50	50	50	50	50	50		
Max Level Difference	m	30	30	30	30	30	30		
Pre Charged Length	m	30	30	30	30	0	0		
Outdoor Operating Range	Cool (°CDB)	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 43	-5 to 43		
	Heat (°CWB)	-10 to 15.5	-10 to 15.5	-10 to 15.5	-10 to 15.5	-20 to 15.5	-20 to 15.5		
Outdoor Sound Level (H) @ 1 metre from front of unit	Pressure dBA (C/H)	49/51	51/55	51/53	52/54	57	60		
EPA Sound Power Level	Outdoor (dBA)	67	67	-	-	-	-		

YOU KNOW YOU CAN TRUST

Daikin



DAIKIN. A PARTNER YOU CAN RELY ON

Daikin has been around for more than 80 years. This success is based on hard work and innovation. With over 33,000 employees worldwide, Daikin has always been at the cutting edge of technology with one goal in mind – to provide comfort through air conditioning. Only a market leader can give you the Daikin level of service and quality control. Daikin has been providing comfort to Australian and New Zealand homes for over 40 years, with offices all over Australia and New Zealand and a strong network of over 450 Daikin Specialist Dealers you can rely on.

LOCAL AFTER SALES SUPPORT

Daikin has an established service department. A dedicated in-house call centre, spare parts division and technical support centre for all technical enquiries, ensure prompt after sales support for all Daikin customers. All Daikin Specialist Dealers and installers receive thorough training and education to deliver first-class sales support – from your initial consultation through to all after sales enquiries.



MINIMUM ENERGY PERFORMANCE STANDARDS

From the 1st of October 2001, ducted and non ducted air conditioners of the vapour compression type with a cooling capacity of up to 65kW, manufactured in or imported into Australia and New Zealand, are required to comply with the Minimum Energy Performance Standards (MEPS). These requirements are set out in Australian and New Zealand Standard 3823.2-2009.

Since 2001 MEPS levels have progressively increased and on the 1st of April 2010, the latest increase in levels came into force. Today, developed countries like Australia are turning to such programs to increase the overall efficiency of air conditioners in the marketplace.

Daikin is committed to providing air conditioning solutions that are energy efficient, quiet, simple to use and reliable, ensuring our units exceed the minimum MEPS requirements.



DAIKIN *Get it Right* FIRST TIME

OVER 450 DAIKIN SPECIALIST DEALERS ACROSS AUSTRALIA AND NEW ZEALAND READY TO HELP YOU FIT THE RIGHT AIR CONDITIONING SOLUTION FOR YOUR HOME - BIG OR SMALL.



4 STEPS TO A *successful* INSTALLATION

1 Trust a Daikin Specialist Dealer

Selecting a Daikin Specialist Dealer will help you obtain an efficient, reliable installation with the best possible service and advice to help you get the right Ducted System for your home.

2 Measure, Quote and Install

Your Daikin Specialist Dealer will come to your home to carefully evaluate your needs and will then provide you with a detailed cost estimate.

Next is the installation stage. Here your Daikin Specialist Dealer is your assurance that the work will be performed cleanly, quickly and safely.

3 Warranty

The Daikin 5 year parts and labour warranty applies to all products in this brochure, purchased and installed in Australia or New Zealand.



4 Maintenance

For your peace of mind, entrust the regular maintenance of your system to a Daikin Dealer - this way, you will optimise the performance and longevity of your unit.



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 practises.

Head Office / Tokyo Office Certificate number: EC02J0355

Shiga Plant (Japan) Certificate number: EC99J2044

Sakai Plant (Japan) Certificate number: JQA-E-80009

Daikin Industries Ltd (Thailand) Certificate number: JQA-E-90108

Yodogawa Plant (Japan) Certificate number: EC99J2057

Environmental Qualifications

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.

Quality Certifications

Daikin Industries Limited is the first air conditioning equipment manufacturer in Japan to receive the 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.



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)

Daikin Australia Pty Limited (ISO 9001)

QEC 23256 May 31, 2006

Sydney, Brisbane, Adelaide, Melbourne, Newcastle, Townsville, Perth

CEM 20437 October 27, 2006

Sydney, Brisbane

DEALER:

www.daikin.com.au

www.daikin.co.nz