



HEATING AND COOLING SOLUTIONS

INVERTER DUCTED



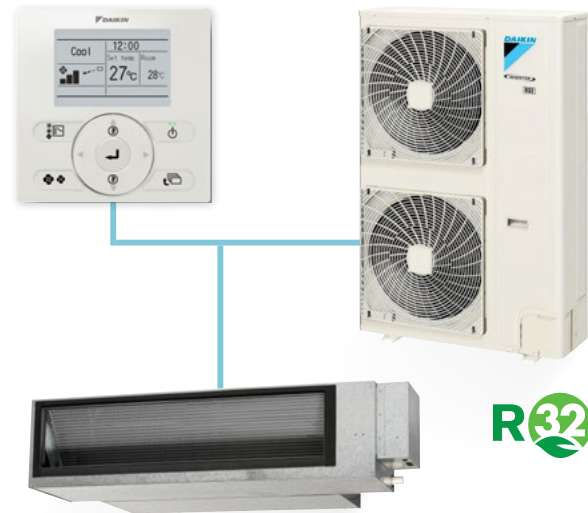
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INVERTER DUCTED

Engineered to deliver a compact and efficient design, the new Inverter series is ideal for installation into the tight roof space of any modern home and now also features R22 retrofit capability[^].



8

R32 MODELS

SINGLE

PHASE

5.0kW

- TO -

15.5kW

CAPACITY RANGE

IMPROVED ENERGY PERFORMANCE

Adopting advanced technologies such as a DC Fan motor, Cross-Pass Heat Exchanger on the outdoor unit with increased heat exchange area and Daikin's patented swing compressor our new Inverter series is designed to operate with improved efficiencies throughout the year.

NIGHT QUIET MODE

Our outdoor units are amongst the quietest in the market. If the noise levels need to be further reduced, engaging the Night Quiet Mode feature will reduce the noise levels by 4dBA*.

AUTOMATIC AIRFLOW ADJUSTMENT

Utilising the DC fan technology on our indoor unit, the Automatic Airflow Adjustment feature ensures the indoor fan operates at the appropriate settings to automatically deliver the optimum airflow to your home always.

*Outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
[^]Only applicable to 50-160 Class, strict guidelines apply for R22 Retrofit Capability, please speak to your installer for further information



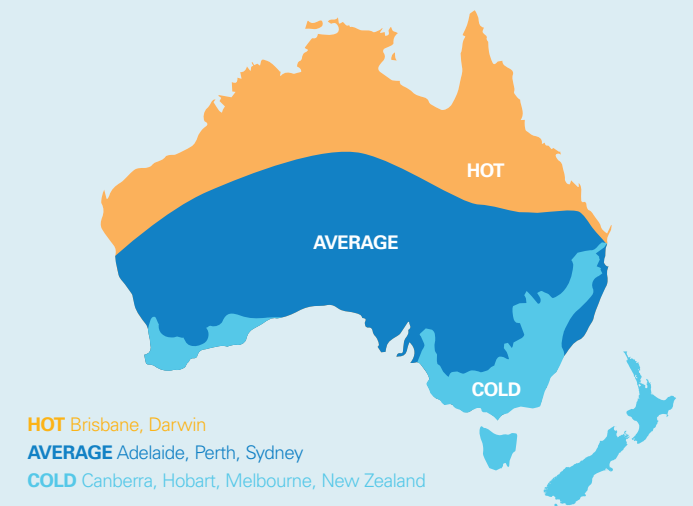
WHAT IS SEASONAL PERFORMANCE?

In simple terms, the seasonal performance of an air conditioner is defined by its Total Cooling Seasonal Performance Factor (TCSPF)/Heating Seasonal Performance Factor (HSPF) rating which takes into consideration the local climate where the air conditioner is installed, and the seasonal temperature differences throughout the year.

Since the geography of Australia is large with varying climate conditions, the same product installed in Darwin will perform differently when installed in a capital city further south, such as Sydney or Melbourne.

As a result, the rating system divides the continent into three distinct climate zones (hot, average, and cold), which allows you to easily identify and compare air conditioners within the climatic zone you live in.

The greater the TCSPF/HSPF rating, the more efficient the air conditioner will be.



SPACE SAVING OUTDOOR UNIT

The Inverter series outdoor units are more compact than ever before. Models are encased in a space saving side discharge outdoor unit, allowing you to place the unit on the side access of your home and not compromise the external appearance of your home.

AUSTRALIAN MADE



Inverter Ducted indoor units are specifically designed and manufactured in Sydney, NSW to perform in Australian conditions.



The Airbase Smartphone Interface is an optional accessory that allows you to control your Daikin Ducted System from anywhere, anytime.

PRODUCT SPECIFICATION

INVERTER - SINGLE PHASE



FDYAN50A
FDYAN60A
FDYAN71A
FDYAN85A
FDYAN100A



FDYAN125A
FDYAN140A
FDYAN160A



RZA50C
RZA60C
RZA71C



RZA85C
RZA100C
RZA125C



RZA140C
RZA160C

INDOOR UNIT		FDYAN50AV1	FDYAN60AV1	FDYAN71AV1	FDYAN85AV1	FDYAN100AV1	FDYAN125AV1	FDYAN140AV1	FDYAN160AV1
OUTDOOR UNIT		RZA50CV1	RZA60CV1	RZA71CV1	RZA85CV1	RZA100CV1	RZA125CV1	RZA140CV1	RZA160CV1
Rated Capacity	Cool (kW)	5.0	6.0	7.1	8.5	10.0	12.5	14.0	15.5
	Heat (kW)	6.0	7.0	7.5	10.0	12.5	15.0	16.5	18.0
Capacity Range	Cool (kW)	3.2-7.1	3.2-7.1	3.2-7.1	4.0-10.0	5.0-10.0	5.7-12.5	5.0-16.0	7.3-16.3
	Heat (kW)	3.5-7.5	3.5-7.5	3.5-7.5	4.1-11.2	5.1-12.5	5.1-16.0	5.1-18.0	7.3-18.2
Power Input (Rated)	Cool (kW)	1.35	1.78	2.20	2.53	3.10	3.94	4.30	4.95
	Heat (kW)	1.62	1.95	1.93	2.80	3.35	4.00	4.50	4.90
E.E.R/C.O.P	C/H	3.70/3.70	3.37/3.59	3.23/3.89	3.36/3.57	3.23/3.73	3.17/3.75	3.26/3.67	3.13/3.67
TCSPF (Residential)	Hot/Average/ Cold	4.43/3.74/3.68	4.36/3.77/3.78	4.43/3.88/3.94	4.29/3.85/3.90	4.28/3.88/3.97	4.26/3.91/4.02	4.19/3.87/3.97	4.05/3.76/3.87
HSPF (Residential)	Hot/Average/ Cold	4.51/4.02/3.49	4.46/3.76/3.15	4.17/3.85/3.41	3.97/3.67/3.32	3.99/3.57/3.09	4.31/3.31/2.77	3.90/3.51/3.05	3.87/3.53/3.12
Airflow Rate (Nominal/Max)	l/s	315/370	340/400	425/566	580/600	680/800	755/840	900/1000	950/1120
Indoor Sound Level (H) @ 1.5m	dBA (C/H)	33.3/35.0	34.1/35.9	37.3/40.5	42.0/42.4	43.5/45.8	44.2/45.5	46.6/47.9	47.9/50.7
Piping Length	m	50							
Indoor Fan Speeds		H/M/L							
Dimensions (HxWxD)	Indoor (mm)	300x1210x900					360x1520x935		
	Outdoor (mm)	595x845x300			990x940x320			1430x940x320	
Weight	Indoor (kg)	37	37	40	40	45	55	55	56
	Outdoor (kg)	45	45	45	69	69	78	93	99
Power Supply	V/Hz	1 Phase, 220-240V, 50Hz							
Compressor Type		Hermetically Sealed Swing Type							
Refrigerant		R32							
Pipe Sizes	Liquid (mm)	6.4 (Flare)			9.5 (Flare)				
	Gas (mm)	12.7 (Flare)			15.9 (Flare)				
	Drain (mm)	ID 25 / OD 32							
Supply Air Opening	mm (HxW, Flange)	185x852					245x1152		
Return Air Opening	mm	1x400 (Oval)				2x350 (Oval)	2x400 (Oval)		
Outdoor Operating Range	Cool (°CDB)	-5 to 46							
	Heat (°CWB)	-15 to 16							
EPA Sound Power Level	dBA	68	68	68	70	71	72	73	75
Outdoor Sound Level (H) @ 1m	Pressure dBA (C/H)	48/51	48/51	48/51	51/54	52/54	53/56	54/56	56/58

Notes:

- The Rated Capacity, Power Input and Running Current are measured in accordance with AS/NZS 3823.1.2
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
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- TCSPF: Total Cooling Seasonal Performance Factor & HSPF: Heating Seasonal Performance Factor as defined under GEMS 2019 Determination

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