

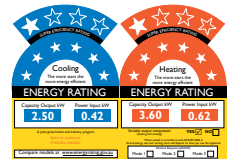
# US7

## REVERSE CYCLE SPLIT SYSTEM





### As smart, as it is stylish.


Daikin's flagship model, designed for ultimate comfort with its humidifying, dehumidifying, ventilating and air purification features. US7 is the first split system in Australia to be awarded a 7-star 'Super Efficiency' rating\*.





25 Class Model


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**INDUSTRY LEADING**  
US7 is the first split system in Australia to be awarded a 7-star 'Super Efficiency' rating\*. It is also packed with advanced technologies and a range of innovative features that distinguishes US7 from every other.
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**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.
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**POWERFUL DEHUMIDIFICATION**  
Through intelligent control of the indoor heat exchanger and mixing warmer room air with dehumidified air, US7 cleverly reduces humidity without making your room too cold and uncomfortable.
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**ADVANCED HUMIDIFICATION**  
Excessively dry air can cause dry skin and a sore throat. Our advanced humidification unit in the outdoor unit draws moisture from outdoor air and distributes this indoors to make you feel warmer and more comfortable.
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**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.
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**UNIQUE TWO-STAGE FILTRATION**  
While the outdoor unit removes carbon monoxide, exhaust gasses and bad odours via a thermal catalyst, the indoor unit's flash streamer technology removes mould, formaldehyde and other allergens from the air keeping your room's air fresh and clean.


\*25 Class Model, based on GEMS 2013 Determination as of 22/10/14 - visit [www.energyrating.gov.au](http://www.energyrating.gov.au) for details

## TECHNOLOGY

- HYPER SAW EDGE FAN**  
Unique 'Saw Edge' design of the indoor fan rotor delivers superior airflow and quiet operations as low as 19dBA (25-35 Class Model).
- 2-AREA INTELLIGENT EYE**  
Ensures draught free comfort, if no movement detected for a period of 20 minutes, the air conditioner adjusts the set temperature by  $\pm 2^{\circ}\text{C}$  to save energy.
- NATURAL BREEZE AIRFLOW**  
By randomly varying airflow and direction, US7 simulates the sensation of a gentle breeze for improved comfort.
- HIGH DENSITY HEAT EXCHANGER**  
US7's five row heat exchanger utilising  $\varnothing 5\text{mm}$  copper piping delivers superior cooling and heating performance.
- AUTOMATIC SELF CLEANING FILTER**  
An internal brush automatically collects and deposits dust from the air filter to help maintain stable airflow and minimise power consumption.
- FLASH STREAMER TECHNOLOGY**  
Decomposes bacteria and mould absorbed on the filter by ionisation through an advanced plasma electric discharge.



Mobile Controller  
(optional)



SENSITIVE CHOICE  
NATIONAL ASTHMA COUNCIL AUSTRALIA

## SPECIFICATIONS

INDOOR UNIT		FTXZ25NV1B	FTXZ35NV1B	FTXZ50NV1B
OUTDOOR UNIT		RXZ25NV1B	RXZ35NV1B	RXZ50NV1B
Rated Capacity	Cool (kW)	2.5	3.5	5.0
	Heat (kW)	3.6	5.0	6.3
Capacity Range	Cool (kW)	0.6-3.9	0.6-5.3	0.6-5.8
	Heat (kW)	0.6-7.5	0.6-9.0	0.6-9.4
Indoor Airflow Rate (H)	Cool (l/s)	178	202	250
	Heat (l/s)	195	222	240
Indoor Fan Speeds		5 steps, quiet and automatic		
Star Rating ERL	Cool	7	5.5	3.5
	Heat	7	5.5	4.5
Front Panel Colour		White		
Power Supply		1 phase, 220-240V, 50Hz		
Power Input (Rated)	Cool (kW)	0.42	0.68	1.18
	Heat (kW)	0.62	0.99	1.37
E.E.R/C.O.P	Cool/Heat	5.95/5.81	5.15/5.05	4.24/4.60
A.E.E.R/A.C.O.P	Cool/Heat	5.90/5.77	5.12/5.03	4.23/4.59
Dimensions (HxWxD)	Indoor (mm)	295x798x372		
	Outdoor (mm)	693x795x300		
Weight	Indoor (kg)	15	15	15
	Outdoor (kg)	50	50	50
Compressor Type		Hermetically sealed swing type		
Refrigerant Type		R32		
Max Pipe Length	(m)	10	10	10
Max Level Difference	(m)	8	8	8
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4
	Gas (mm)	9.5	9.5	9.5
Outdoor Operating Range	Cool (°CDB)	-10 to 43		
	Heat (°CWB)	-20 to 18		
Indoor Sound Level (H/SL)	Cool (dBA)	38/19	42/19	47/23
	Heat (dBA)	39/19	42/19	44/24
Outdoor Sound Level (H/SL)	Cool (dBA)	46	48	49
	Heat (dBA)	46	48	50
Outdoor EPA Sound Power Level (H)	Cool (dBA)	59	61	63
	Heat (dBA)	59	61	64

ERL refers to 'Energy Rating Label' star rating as outlined in the GEMS 2013 Determination

**Notes:**

- 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
- 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.
- The specifications, designs & information in this flyer are subject to change without notice. Unit colours shown are as close as possible to actual unit colours. Colours depicted in this flyer may vary slightly.

### CONTACT



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