

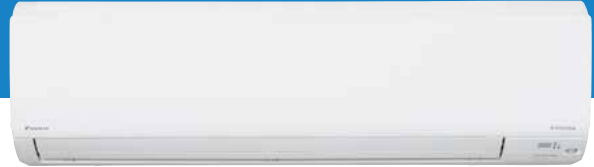
# ALIRA

## REVERSE CYCLE SPLIT SYSTEM

20-71 Class



85-95 Class



### A reflection of quality.

Blending in harmoniously with modern decors, the Alira delivers a perfect fusion of whisper quiet comfort at industry leading energy efficiency.

ENERGY RATING	
6.0★	HOT climate 3.5★
5.5★	AVERAGE climate 3.0★
5.5★	COLD climate 3.0★

25 Class Model

**PERFECT FUSION**  
New R32 Alira is a perfect blend of progressive design aesthetic and superior energy performance, all presented in a compact form factor.

**INVERTER POWERFUL OPERATION**  
Push the POWERFUL button on the remote control and you'll be relieved with a cooling or heating boost for a 20 minute period, even if the unit's already operating at high capacity.

**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.

**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.

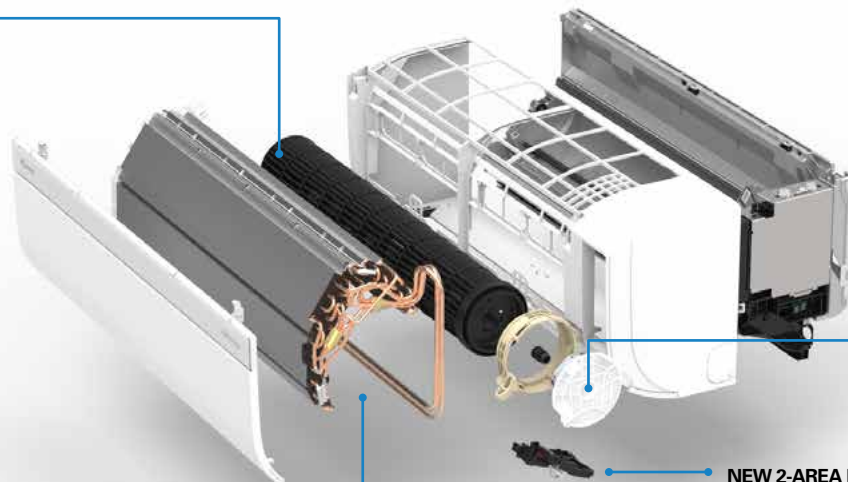
**INTELLIGENT COMFORT**  
The New 2-Area Intelligent Eye\* is so clever it can now either direct airflow towards you or away from you for draught free comfort. If the room is unoccupied the unit will automatically enable energy saving operations.

**AIR PURIFICATION**  
Each model is fitted with an enzyme blue deodorising air purification filter that traps microscopic particles, decomposes odours and even deactivates bacteria.

\*New 2-Area Intelligent Eye only applicable to 20-46 Class Models. Features and appearance varies for 85-95 Class Models

## TECHNOLOGY

**SAW EDGE FAN  
CROSS FLOW FAN**  
Large diameter rotor with aerofoil blade design delivers larger volumes of air more quietly than ever before.



**REDESIGNED HEAT EXCHANGER**  
Slit type fin design with Ø5mm piping increases heat exchange area for improved capacity output and energy performance.

**NEW ODM MOTOR**  
Compact 10 pole DC outer diameter rotor motor delivers higher torque more efficiently.

**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.



# SPECIFICATIONS

INDOOR UNIT		FTXM20UVMA	FTXM25UVMA	FTXM35UVMA	FTXM46UVMA	FTXM50UVMA	FTXM60UVMA	FTXM71UVMA	FTXM85PAVMA	FTXM95PAVMA	
OUTDOOR UNIT		RXM20UVMA	RXM25UVMA	RXM35UVMA	RXM46UVMA	RXM50UVMA	RXM60UVMA	RXM71UVMA	RXM85PAVMA	RXM95PAVMA	
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1	8.5	9.4	
	Heat (kW)	2.7	3.2	3.7	4.7	6.0	7.2	8.0	9.0	10.3	
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	2.0-10.5	2.0-11.2	
	Heat (kW)	0.9-4.3	0.9-5.3	0.9-5.3	1.0-6.7	1.0-8.0	1.0-8.6	2.0-10.6	1.9-11.6	1.9-12.0	
Indoor Airflow Rate (H)	Cool (l/s)	152	173	175	203	267	310	310	358	372	
	Heat (l/s)	157	168	183	202	287	333	328	422	413	
Indoor Fan Speeds		5 steps, quiet and automatic									
Star Rating (Hot/Avg/Cold) ZERL (Residential)	Cool	5.5/4.5/5	6/5.5/5.5	5/4.5/5	4/3.5/4	5/4.5/5	4/4/4	3.5/3/3	2.5/2/2	3/2.5/2.5	
	Heat	3/3/2.5	3.5/3/3	3/2.5/2.5	3/2.5/2.5	3.5/3/2.5	3.5/3/2.5	3/2.5/2	2.5/2.5/2	2.5/2/1.5	
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	2.45	2.75	
	Heat (kW)	0.53	0.64	0.77	1.11	1.30	1.63	1.88	2.42	3.07	
E.E.R./C.O.P	Cool/Heat	5.00/5.09	5.10/5.00	4.32/4.81	3.83/4.23	4.39/4.62	3.95/4.42	3.68/4.26	3.47/3.72	3.42/3.36	
TCSPF (Residential)	Hot/Avg/Cold	7.03/6.34/6.51	7.77/7.07/7.30	6.68/6.32/6.58	5.69/5.32/5.61	6.90/6.41/6.81	5.92/5.60/5.95	5.37/4.78/4.94	4.34/3.89/3.93	4.71/4.22/4.32	
HSPF (Residential)	Hot/Avg/Cold	4.65/4.57/4.34	5.10/4.86/4.53	4.63/4.47/4.13	4.81/4.43/4.04	5.12/4.72/4.19	5.00/4.57/4.02	4.78/4.39/3.91	4.44/4.02/3.60	4.29/3.75/3.25	
A.E.E.R./A.C.O.P	Cool/Heat	4.92/5.03	5.03/4.92	4.20/4.76	3.80/4.20	4.35/4.58	3.92/4.39	3.59/4.16	3.36/3.62	3.32/3.28	
Dimensions (HxWxD)	Indoor (mm)	285x770x226				295x990x266			340x1200x259		
	Outdoor (mm)	550x675x284				695x930x350			990x940x320		
Weight	Indoor (kg)	9	9	9	9	13	13	13	17	18	
	Outdoor (kg)	28	30	30	51	54	54	60	80	82	
Compressor Type		Hermetically Sealed Swing Type									
Refrigerant Type		R32									
Max Pipe Length (m)		20	20	20	30	30	30	30	30	30	
Max Level Difference (m)		15	15	15	20	20	20	20	20	20	
Pipe Sizes	Liquid (mm)	6.4	6.4	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	15.9	15.9	
Outdoor Operating Range	Cool (°CDB)	-10 to 46									
	Heat (°CWB)	-15 to 18									
Indoor Sound Level (H/SL)	Cool (dBA)	38/19	40/19	42/19	44/26	45/28	48/29	49/30	51/37	53/38	
	Heat (dBA)	39/20	40/20	42/20	43/26	45/28	48/29	49/30	51/35	52/35	
Outdoor Sound Level (H/SL)	Cool (dBA)	46/43	47/43	49/44	47/44	47/44	49/45	53/49	54/51	54/51	
	Heat (dBA)	47/44	48/44	49/45	48/45	48/45	52/45	54/49	56/51	55/51	
Outdoor EPA Sound Power Level (H)	Cool (dBA)	58	59	61	59	59	61	65	66	66	
	Heat (dBA)	59	60	61	60	60	64	66	68	67	

**ZERL (Residential)** refers to 'Zoned Energy Rating Label' residential star rating as outlined in the GEMS 2019 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 and 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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