

# CORA

## Reverse Cycle Split System



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

25 Class Model

## STYLED TO PERFORM

A reliable performer, the Cora series comes fully featured with whisper quiet operation and without compromise on style.

- R32 refrigerant**  
 66% lower 'Global Warming Potential Factor' than R410A providing less risk of harm to the environment.
- Inverter powerful operation**  
 Features a cooling or heating boost for a 20 minute period, even if the unit is already operating at high capacity.
- Precision control**  
 Room temperature can be set in increments of 0.5°C to ensure optimal comfort all year round.
- Coanda airflow**  
 Discharge louvres are designed to stream air upwards along the ceiling for rapid cooling and uniform temperature distribution.
- Intelligent comfort**  
 The 2-Area Intelligent Eye\* helps prevent cold draughts and enables energy saving operations when the room is unoccupied.
- Air purification**  
 Fitted with an enzyme blue deodorising air purification filter that traps microscopic particles, decomposes odours and even deactivates bacteria.

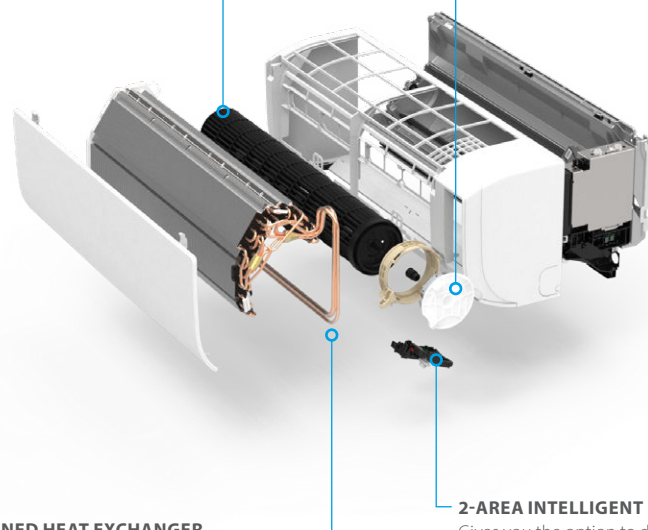
## Technology

### SAW EDGE CROSS FLOW FAN

Large diameter rotor with aerofoil blade design delivers larger volumes of air more quietly than ever before.

### NEW ODM MOTOR

Compact 10 pole DC outer rotor motor delivers higher torque more efficiently.



### REDESIGNED HEAT EXCHANGER

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

### 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.

\*2-Area Intelligent Eye only applicable to 20-46 Class Models.

# SPECIFICATIONS



Indoor Unit		FTXV20WVMA	FTXV25WVMA	FTXV35WVMA	FTXV46WVMA	FTXV50WVMA	FTXV60WVMA	FTXV71WVMA
Outdoor Unit		RXV20WVMA	RXV25WVMA	RXV35WVMA	RXV46WVMA	RXV50WVMA	RXV60WVMA	RXV71WVMA
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1
	Heat (kW)	2.7	3.2	3.7	4.7	6.0	7.2	8.0
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
	Heat (kW)	0.9-4.4	0.9-5.4	0.9-5.5	1.0-6.7	1.0-8.0	1.0-9.8	2.0-10.8
Indoor Airflow Rate (H)	Cool (l/s)	152	173	175	203	267	310	310
	Heat (l/s)	157	168	183	202	287	333	328
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
	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
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
	Heat (kW)	0.53	0.64	0.77	1.11	1.30	1.63	1.88
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
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
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
A.E.E.R/A.C.O.P	Cool/Heat	4.93/5.04	5.05/4.96	4.29/3.81	3.81/4.21	4.36/4.59	3.93/4.40	3.62/4.18
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						
	Heat (°CWB)	-15 to 18						
Indoor Sound Level (H/SL)	Cool (dBA)	38/19	42/19	42/19	44/26	45/28	48/29	49/30
	Heat (dBA)	39/20	40/20	42/20	43/26	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
	Heat (dBA)	47/44	48/44	49/45	48/45	48/45	52/45	54/49
Outdoor EPA Sound Power Level (H)	Cool (dBA)	58	59	61	59	59	61	65
	Heat (dBA)	59	60	61	60	60	64	66

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 & 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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