

SPLIT SYSTEM



**ABOVE-CEILING
DUCTABLE**

ARAN

40 JX

**CARRIER MAKES
INSTALLATION
EASY**



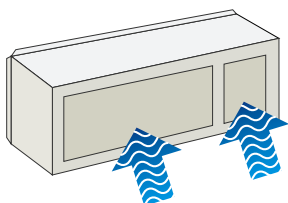
EFFICIENCY MADE EASY



DUAL-DESIGN FRESH AIR MIX

The Aran is equipped with a fresh air inlet and can be supplied with a mixing box option. This ingenious dual-inlet design permits the introduction of an adjustable fresh air volume and ensures an optimal mix with the return air.

By offering this continuous ambient air renewal capability, the Aran sets a new comfort standard.



THE AIR OF PERFECTION



In addition to high-quality air renewal, the Aran offers first-class filtration capacity. It is supplied with a washable, large-surface filter as standard*, and the filter capacity can be increased by a second optional filter*. This results in a filter efficiency of 95% and exceptional air quality.

INDOOR AIR QUALITY

The even slope of the drain pan allows easy drainage from the unit, ensuring perfect indoor air quality.

* Non flammable filters (class M1).



The Aran 40 JX air conditioner offers a complete range of eight models from 2.3 to 15 kW, ideally suited for residential and small commercial applications.

The compact dimensions and low height (max. 310 mm), the overall concept and the accessibility of all components - everything has been carefully designed to make unit integration extremely easy. And this means a reduction in installation and maintenance costs. The Aran is compatible with five different outdoor units and supported by a comprehensive range of accessories, making it the high-performance solution for many different applications.

LOW PROFILE

With its low height from 220 to 310 mm (depending on unit size) the Aran is easily integrated into any ceiling type.

QUIET EFFICIENCY

One of the main benefits of the Aran is the capacity to supply high performance at low noise levels. With its sensitively redeveloped design, offering the perfect acoustical solution, the Aran is simply the quietest air conditioner in its class on the market.



The Aran can easily be equipped with the Octopus module (available as an accessory), permitting the connection of two to four supply air ducts for air conditioning two to four separate rooms.

THOUGHTFULLY DESIGNED ACCESSIBILITY FOR EASY MAINTENANCE



The large access panel in the lower part of the unit facilitates all routine maintenance operations. The removal of the filter, motor, fan, external control box, hot water coil, and electric heater can be carried out without the need to disconnect the unit from the duct. Aran: the new standard in easy maintenance!



ARAN is today available with 410a green refrigerant when combined with the 38 GLS and the new 38YLS heat pump.

ARAN: 8 MODELS - COMPATIBLE WITH 5 OUTDOOR UNITS



38 GLS/YLS



38 GL/YL



38 GLM/YLM



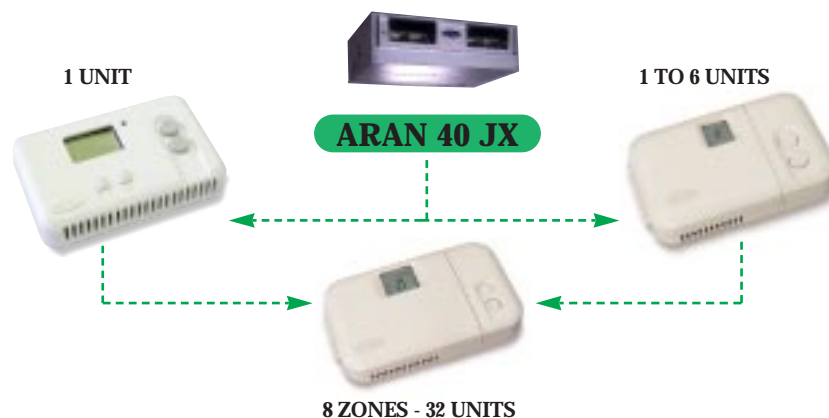
38 MC/MHJ



07 KD



TECHNICAL DATA



OPTIMISED CONTROL

The Aran 40 JX is controlled by the Room Controller or by the Group Controller (programming and control of up to six indoor units of differing size and type in one zone).

This system is compatible with the powerful Zone Manager which offers multiple benefits such as:

- control of up to 32 indoor units of differing size and type in eight distinct air conditioning zones;
- expanding the programming capacities for optimal energy efficiency control;
- installation diagnostics.

The Zone Manager is recommended for large residential and commercial applications.

	ARAN JX 09	ARAN JX 12	ARAN JX 18	ARAN JX 24	ARAN JX 28	ARAN JX 36	ARAN JX 48	ARAN JX 60
▶ Indoor unit - Cooling only	40 JX 009	40 JX 012	40 JX 018	40 JX 024	40 JX 028	40 JX 036	40 JX 048	40 JX 060
▶ Outdoor unit - Cooling only	38 GL 009	38 GL 012	38 GL 018	38 GL 024	38 GL 028	38 GL 036	38 GL 048	38 GL 060
Cooling capacity kW	2.40	2.84	4.58	5.80	7.03	7.90	11.20	13.8
Power input kW	1.03	1.23	1.96	2.20	2.80	3.53	4.05	5.20
▶ Indoor unit - Heat pump	40 JX 009	40 JX 012	40 JX 018	40 JX 024	40 JX 028	40 JX 036	40 JX 048	40 JX 060
▶ Outdoor unit - Heat pump	38 YL 009	38 YL 012	38 YL 018	38 YL 024	38 YL 028	38 YL 036	38 YL 048	38 YL 060
Cooling capacity kW	2.35	2.80	4.50	5.70	6.95	7.80	11.10	13.7
Power input kW	1.00	1.22	1.79	2.20	2.77	3.48	4.00	5.15
Heating capacity kW	2.70	3.05	4.85	6.60	7.95	8.75	12.00	14.50
Power input kW	0.92	1.10	1.67	2.44	2.61	2.74	3.80	4.65
COP	2.90	2.80	2.90	2.70	3.10	3.20	3.15	3.11
▶ Air flow l/s	92/103/133	103/118/139	126/149/182	161/196/247	249/294/328	300/350/411	419/494/600	544/615/686
▶ Static Pressure Pa	33	40	45	60	50	50	70	80
▶ Indoor unit - Sound pressure level dB(A)*	33/32/31	34/32/31	36/34/32	39/37/35	40/38/36	42/39/36	44/42/39	47/46/43
▶ Indoor unit - Sound power level dB(A)	49/48/47	50/49/48	52/50/48	55/53/51	56/54/52	58/55/52	60/58/55	63/62/59
▶ Indoor unit - H x L x D mm	← 220 x 725 x 555 →		← 285 x 925 x 660 →		← 310 x 1250 x 750 →			
Weight kg	23	23	23	38	38	38	64	64
▶ Outdoor unit - H x L x D mm	← 504 x 660 x 220 →		← 590 x 800 x 300 →		← 803 x 600 x 300 →		← 1264 x 600 x 300 →	
Weight kg	28/32	32/36	45/47	51/54	65/67	65/67	92/95	94/97
▶ Flare connections	3/8" - 1/4"	← 1/4" - 1/2" →		← 5/8" - 1/4" →		← 3/4" - 3/8" →		
▶ Power supply V-ph-Hz	← 230-150 →			← 230-150 / 400-3-50 →		← 400-3-50 →		

Cooling capacities are based on: indoor air temperature 27°C dry bulb/19°C wet bulb, outdoor air temperature 35°C dry bulb 24°C wet bulb. Heating capacities are based on: indoor air temperature 20°C dry bulb, outdoor air temperature 7°C dry bulb/6°C wet bulb. *Sound pressure level is measured in a semi-sphere at 2.5 metres. For matchings with the 38 GLM/YLM please refer to the local Carrier office.



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Manufacturer reserves the right to change any product specifications without notice.

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