

SPLIT SYSTEM

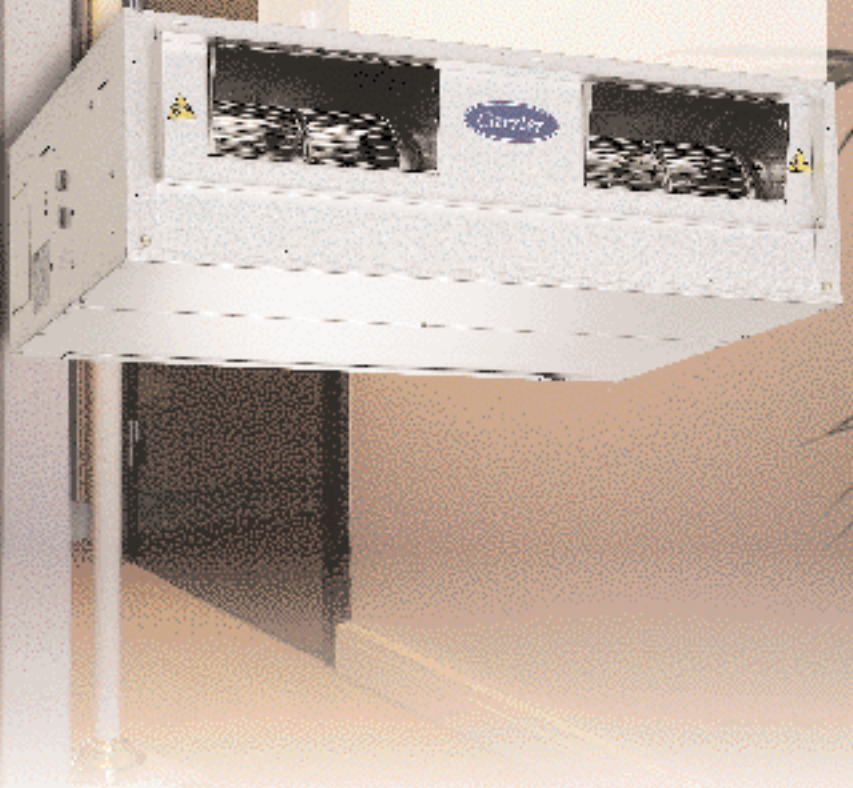


**ABOVE-CEILING  
DUCTABLE**

**ARAN**

**40 JS**

**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 JS air conditioner offers a complete range of eight models from 2.6 to 16 kW, ideally suited for residential and small commercial applications.

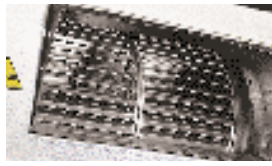
The compact dimensions and low height (max. 310 mm), the overall concept and the accessibility of all components - everything has been carefully designed to make unit integration extremely easy. And this means a reduction in installation and maintenance costs. The Aran is compatible with five different 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, 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: 8 MODELS - COMPATIBLE WITH 5 OUTDOOR UNITS



**38 CFE/CHE**



**38 CKV/CKV**



**07 KD**



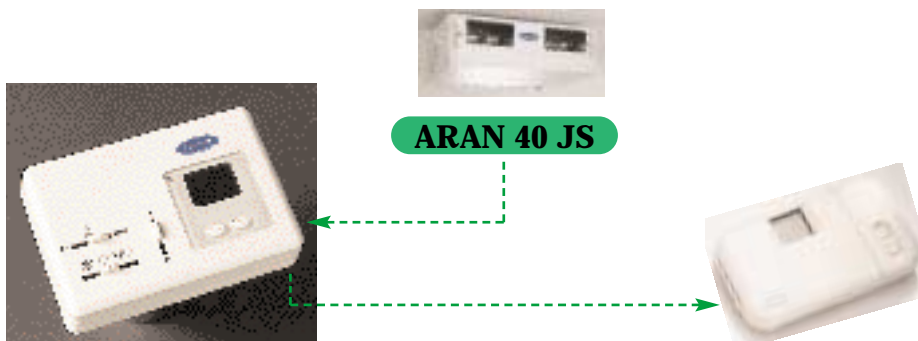
**38 TF/TR**



**38 MC/MH**



# TECHNICAL DATA



## OPTIMISED CONTROL

The Aran 40 JS is supplied with the TAE system as standard.  
The thermostat is compatible with the intelligent Comfort Zone system and permits:

- division of the space to be conditioned into up to 4 or 8 independent zones;
- individual zone-by-zone comfort;
- perfect control of the energy requirements - which allows a saving of up to 29% in cooling mode and 29% in heating mode! Comfort Zone is recommended for small residential and commercial applications.

	ARAN JS 09	ARAN JS 12	ARAN JS 18	ARAN JS 24	ARAN JS 28	ARAN JS 36	ARAN JS 48	ARAN JS 60
▶ Indoor unit - Cooling only	40 JS 009	40 JS 012	40 JS 018	40 JS 024	40 JS 028	40 JS 036	40 JS 048	40 JS 060
▶ Outdoor unit - Cooling only	38 CFE 009	38 CFE 012	38 CFE 014	38 CFE 024	38 CFE 028	38 CFE 036	38 CFE 048	38 CFE 060
Cooling capacity kW	2.53	3.30	4.75	6.90	8.80	9.30	12.20	15.10
Power input kW	0.98	1.22	1.62	2.33	2.89	3.52	4.23	5.29
▶ Indoor unit - Heat pump	40 JS 009	40 JS 012	40 JS 018	40 JS 024	40 JS 028	40 JS 036	40 JS 048	40 JS 060
▶ Outdoor unit - Heat pump	38 CHE 009	38 CHE 012	38 CHE 014	38 CHE 024	38 CHE 028	38 CHE 036	38 CHE 048	38 CHE 060
Cooling capacity kW	2.50	3.25	4.70	6.80	8.20	9.20	12.10	15.00
Power input kW	0.97	1.20	1.60	2.30	2.86	3.48	4.19	5.25
Heating capacity kW	2.60	3.40	4.83	7.20	9.00	10.20	13.20	16.50
Power input kW	0.92	1.15	1.50	2.15	2.64	3.12	3.69	5.17
COP	2.80	3.00	3.20	2.80	3.40	3.30	3.60	3.19
▶ 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 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 - H x L x D mm	← 220 x 725 x 555 →		← 285 x 925 x 660 →		← 310 x 1250 x 750 →			
Weight kg	22	22	22	37	37	37	63	63
▶ Outdoor unit - H x L x D mm	← 545 x 803 x 238 →	← 545 x 803 x 309 →	← 586 x 900 x 300 →	← 686 x 900 x 420 →	← 839 x 900 x 420 →	← 1243 x 900 x 420 →		
Weight kg	38/37	40/39	49/50	63/54	75/80	80/85	90/95	100/105
▶ Flare connections	3/8" - 1/4"	1/2" - 1/4"	1/2" - 3/8"	← 5/8" - 3/8" →		← 3/4" - 3/8" →		
▶ Power supply V-ph-Hz	← 230 - 1 - 50 →		← 230 - 1 - 50 or 400 - 3 - 50 →		← 230 - 3 - 50 or 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.

MATCHINGS								
40 JS	009	012	018	024	028	036	048	060
38 CFE/CHE	009	012	014	024	028	036	048	060
38 CX/ YCX	-	-	-	024	-	036	048	060
07 KD	010	015	018	024	028	036	048	060
38TF/TB	-	-	-	024	-	035	045	060

For matchings with the 38 MCJ/MHJ, 38 MCY/MHY and 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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