



Innovative & Efficient Solutions For You



Indoor Model		FDMRN20AVA	FDMRN25AVA	FDMRN30AVA	FDMRN36AVA	FDMRN42AVA		
Outdoor Model		RR20AVAK	RR25AVAK	RR30AVAK	RR36AVAK	RR42AVAK		
Indoor Unit	Nominal Cooling Capacity ^(*)	Btu/h	18,000	23,000	28,000	34,000	39,000	
	Actual Cooling Capacity ^(**)	Btu/h	16,500	21,000	24,000	29,000	33,000	
	Nominal Cooling Input Power	W	1,385	1,769	2,154	2,615	3,120	
	EER T1 ^(*)	W/W	3.81	3.81	3.81	3.81	3.66	
		Btu/h/W	13.00	13.00	13.00	13.00	12.50	
	EER T3 ^(**)	W/W	2.64	2.64	2.64	2.64	2.64	
		Btu/h/W	9.00	9.00	9.00	9.00	9.00	
	Airflow	High/Medium/Low	CFM	600	800	1,000	1,095	1,360
	ESP	Rated	Pa	800/ 720/ 650	1000/ 880/ 765	1300/ 1180/ 1070	1550/ 1430/ 1310	1550/ 1430/ 1310
		Maximum available	Pa	75	75	75	120	120
Sound Pressure level	High/Medium/Low	dB(A)	34/ 32/ 30	38/ 35/ 32	42/ 41/ 38	44/ 43/ 41	44/ 43/ 41	
Dimensions	Height x Width x Depth	mm	378 x 1045 x 541			378 x 1299 x 541		
Outdoor Unit	Sound Pressure Level	Cooling	dB(A)	71,5	71,5	71,5	71,5	73
	Dimensions	Height x Width x Depth	mm	820 x 737 x 737	820 x 737 x 737	921 x 737 x 737	972 x 737 x 737	921 x 902 x 902
	Weight		Kg	74	74	76	82	104
	Pipe Connection	Liquid (Flare)	mm	9.5	9.5	9.5	9.5	9.5
			in	3/8"	3/8"	3/8"	3/8"	3/8"
		Gas (Flare)	mm	19.05	19.05	22.23	22.23	22.23
			in	3/4"	3/4"	7/8"	7/8"	7/8"
	Compressor	Type	Hermetically sealed scroll type					
	Piping lengths	Total	m	70				
		Height difference	m	30				
Operating Range	Max (Cooling)	°CDB	54					
Power Supply	Phase / Frequency / Voltage	V/Ph/Hz	230/1/60					

(*1) : Cooling capacity : Indoor 27°C DB / 19°C WB - Outdoor 35°C DB
 (*2) : Cooling capacity : Indoor 29°C DB / 19°C WB - Outdoor 46°C DB

R-410A
 Protecting the environment. DAIKIN is Green at heart.

User Friendly
 Easy installation, easy operating procedures and friendly shape buttons.

Powerful Cooling
 If the temperature in the room is too high, it can be cooled down quickly by selecting the "powerful mode". After the powerful mode is turned off, the unit returns to the preset mode.

Sleep Mode
 Setting sleep mode will gradually increase the set temperature to provide a comfortable environment for sleeping.

Tropical Compressor
 The tropical compressor is able to handle and operate fully under extreme weather conditions.

Energy Saving
 DAIKIN offers efficient operation on its equipment for lower electricity consumption. This also contributes to reduce CO₂ emissions.

Silence
 DAIKIN indoor units are whisper quiet. Outdoor units are also guaranteed not to disturb the quietness of the neighbourhood.



Duct unit | FDMRN series | Cooling only



PRELIMINARY

Duct Split System for "High Ambient" Performance: The Optimized Combination of Efficiency, Comfort and Flexibility.



FDMRN 20/25/30/36/42



Standard Remote Control

- **High design flexibility thanks to a wide ESP range:** up to 120 Pa for long ducting and multizone applications
- **Very compact design:** for an installation in any location
- **3 fan speeds**
- **Indoor air quality:** Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- **Double Protection Drainage System:** reinforced protection against water leakage
- **Compact and user-friendly wired controller as standard**



RQ - AVA 20/25/30/36/42

- **Wide operating range:** up to 54°C ambient
- **Powerful cooling performance at standard and high ambient temperatures:**
 - High efficiency thanks to the unique combination of highly performing scroll compressor and unique patent Smart Coil technology
 - Capacity performance at 46°C: ~85% of total capacity at 35°C ambient
- **Extended piping lengths for a higher flexibility in design and installation:** up to 70 m total piping run applications can be covered
- **TOP discharge design allows installation space saving up to 25%, vs side discharge design.**
- **Standard anti-corrosion protection:** hydrophilic gold fin increases life span of the heat exchanger



54°C
Outdoor Temperature °C



DAIKIN duct powerful efficient cooling as a standard.

DAIKIN duct units are designed to highly perform, even under high ambient conditions thanks to the unique combination of highly performant scroll compressor and exclusive patent "SMART COIL - 5MM TECHNOLOGY"

UNIQUE 5MM COIL TECHNOLOGY

