

<Single type>

Single type				Indoor unit		RAV-RM2241DTP-E		RAV-RM2801DTP-E			
Model name		Outdoor unit				RAV-GM2241AT8-E		RAV-GM2801AT8-E			
Cooling capacity					kW		19.0 <4.6-22.4>		22.5<4.6-27.0>		
Heating capacity					kW		22.4<4.6-25.0>		27.0<4.6-31.5>		
Power supply					Phase-Hz-V		3N-50-380/415		3N-50-380/415		
Electrical characteristics	Cooling	Running current		380-415V		A		9.47-8.67		13.04-11.94	
		Power input		Rated(Min.-Max.)		kW		5.86(1.27-9.05)		7.98(1.27-11.87)	
		EER						3.24		2.82	
	Heating	Running current		380-415V		A		9.52-8.72		12.71-11.64	
		Power input		Rated(Min.-Max.)		kW		5.71(1.27-10.15)		7.52(1.27-13.83)	
		COP						3.92		3.59	
	Maximum current					A		18.0		23.0	
Indoor unit											
Model name						RAV-RM2241DTP-E		RAV-RM2801DTP-E			
Appearance		Main unit				Zinc hot dipping steel plate					
Dimension				Height		mm		448		448	
				Width		mm		1400		1400	
				Depth		mm		900		900	
Weight					kg		97		97		
Heat exchanger							Finned tube		Finned tube		
Fan unit	Fan						Centrifugal fan		Centrifugal fan		
	Standard air flow			H/M/L		m³/h		3800/3200/2500		4800/4200/3500	
	Motor output					W		800		1100	
	External static pressure			Factory setting		Pa		150		150	
	External static pressure range			Upper-Middle-Lower		Pa		250/150/50		250/150/50	
Sound pressure level				H/M/L		dB(A)		44/40/36		46/42/38	
Sound power level				H/M/L		dB(A)		79/75/71		81/77/73	
Outdoor unit											
Model name						RAV-GM2241AT8-E		RAV-GM2801AT8-E			
Dimension				Height		mm		1550		1550	
				Width		mm		1010		1010	
				Depth		mm		370		370	
Weight					kg		142		142		
Compressor type							DC Twin Rotary		DC Twin Rotary		
Fan motor output					W		200+200		200+200		
Air flow					m³/h		9150		10890		
Refrigerant Quantity in Outdoor unit					kg		5.0		5.0		
Additional refrigerant charge					g/m		40		80		
Pipe connections	Pipe length		At rated performance			m		7.5		7.5	
	Minimum Pipe length				m		5.0		5.0		
	Maximum Pipe length				m		60.0		60.0		
	Maximum Height difference				m		30.0		30.0		
	Maximum Chargeless length				m		30.0		30.0		
Flare connection		Main pipe		Gas/Liquid		mm		28.6/12.7		28.6/12.7	
Sound pressure level		Cooling/Heating				dB(A)		58/60		61/63	
Sound power level		Cooling/Heating				dB(A)		76/76		78/80	
Operating range	Cooling				DBC		-15 to 46		-15 to 46		
	Heating				WBC		-27 to 15		-27 to 15		

*1 : The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5m of main piping and 2.5m of branch piping connected with 0 meter height.

*2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

*3 : Height from the ceiling.

Notes :

Rated conditions

Cooling : Indoor air temperature 27°CDB/ 19°CWB, Outdoor air temperature 35°CDB

Heating : Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB/ 6°CWB