

TECHNICAL PARAMETERS

SPLIT SYSTEMS OF FRESH II INVERTER SERIES

Parameter	Model		Basic set	RSODF07BE	RSODF09BE	RSODF12BE	RSODF18BE	RSODF24BE	RS2DF24HE
	Indoor unit		RSODF07BE/I	RSODF09BE/I	RSODF12BE/I	RSODF18BE/I	RSODF24BE/I	RS2DF24HE/I	
	Outdoor unit		RSODF07BE/O	RSODF09BE/O	RSODF12BE/O	RSODF18BE/O	RSODF24BE/O	RS2DF24HE/O	
Capacity	cooling	kW	2350 (1230~2930)	2640 (1230~3310)	3517 (1377~4513)	5275 (1905~6125)	7040 (2670~8090)	7330 (2580~8444)	
	heating		2640 (880~3370)	2930 (910~3750)	3810 (1084~4924)	5568 (1427~6741)	7920 (2200~9300)	7623 (1524~9441)	
Power supply			1Ph/220~240V/50Hz					1Ph/220~240V/50Hz	
Power input	cooling	kW	558 (90~1130)	795 (442~1568)	1088 (100~1740)	1643 (150~2350)	2261 (230~3110)	2402 (230~3350)	
	heating		628 (140~1200)	843 (589~1120)	1025 (170~1760)	1542 (230~2400)	2320 (320~3320)	2177 (230~3370)	
Rated current	cooling	A	3.1 (0.4~4.9)	3.45 (1.92~6.81)	4.7 (0.4~7.5)	7.1 (0.7~10.2)	9.8 (1.0~13.5)	10.4 (1.0~14.1)	
	heating		3.3 (0.6~5.2)	3.66 (2.56~4.86)	4.5 (0.7~7.6)	6.7 (1.0~10.4)	10.1 (1.4~14.4)	9.46 (1.4~14.4)	
EER/COP			7.9/4.2	7.1/4.1	6.5/4.0	6.4/4.0	6.6/4.0	6.4/4.0	
Energy efficiency class			A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	
Air flow		m ³ /h	400/300/230	488	539	750	1060/830/610	1020/830/640	
Noise level	indoor unit	dB(A)	20/22/31/36	21/14/33/41	21/22/32/38	21/27/33/42	23/32/43/48	26/30/40/46	
	outdoor unit		52	55	53	55	60	62	
Refrigerant			R410A					R32	
Refrigerant charge		kg	0.80	0.7	0.95	1.35	2.00	1.60	
Characteristics of refrigerant piping	diameter	liquid	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	
		gas	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"	
	length (max.)	25	25	25	30	50	50		
	height difference (max.)	m	10	10	10	20	25	25	
Drain pipe (outer diameter)		mm	16	16	16	16	16	16	
Circuit breaker	rated current	A	12	12	12	18	25	25	
Power cable (to outdoor unit)		n×mm ²	3×1.5	3×1.5	3×1.5	3×1.5	3×2.5	3×2.5	
Connecting cable			5×1.5	5×1.5	5×1.5	5×1.5	5×2.5	5×2.5	
Dimensions (W×H×D)	indoor unit	mm	722×290×187	722×290×187	802×297×189	965×319×215	1080×335×226	1080×335×226	
	outdoor unit		770×555×300	720×495×270	800×554×333	800×554×333	845×702×363	845×702×363	
Outdoor unit installation dimensions		mm	487×298	450×260	514×340	514×340	540×350	540×350	
Weight	indoor unit	kg	7.4	7.8	8.4	10.8	13.0	12.9	
	outdoor unit		25.2	23.0	29.1	35.1	48.4	50.0	