

4. SPECIFICATION OF ELECTRICAL PARTS

4-1. Indoor Unit

No.	Parts name	Type	Specifications
1	Fan motor (for indoor)	MMF-240-20-4A-1	AC Motor with 135°C thermo fuse
2	Thermo sensor (TA-sensor)	————	10kΩ at 25°C
3	Switching transformer (T01)	SWT-47	
4	Microcontroller unit (IC30)	TMP87CM40AN-2C67	
5	Heat exchanger sensor (TC-sensor)	————	10kΩ at 25°C
6	Line filter (L01)	LC*SS11V-06270	27mH, 600mA
7	Bridge rectifier (DB01)	D3SBA60	4A, 600V
8	Capacitor (C02)	KMH400VSSN47M22S	47μF, 400V
9	Fuse (F01)	TSCR6.3A	T6.3A, 250VAC
10	Varistor (R21, R22)	15G561K	560V
11	Resistor (R01)	RF-2TK5R6	5.6Ω, 2W
12	Louver motor	MP24GA	12VDC
13	Relay (Comp., RY01)	DI12D1	Rating 20A/AC250V, 12VDC

4-2. Outdoor Unit (RAS-13UA-ES)

No.	Parts name	Type	Specifications		
1	Compressor	PA150X2T-4FM	Output (Rated) 1100W, 2poles, 1 phase, 220 – 240V, 50Hz		
			Winding resistance (Ω) (at 20°C)	C-R 2.49	C-S 3.95
2	Fan motor (for outdoor)	HF-240-30B	Output (Rated) 30W, 6poles, 1 phase, 220 – 240V, 50Hz		
			Winding resistance (Ω) (at 20°C)	Red-Black 245	White-Black 388
3	Running capacitor (for fan motor)	SK-50FMP1.5U2	AC 500V, 1.5μF		
4	Running capacitor (for compressor)	DS371356CPNB	AC 370V, 35μF		

4-3. Outdoor Unit (RAS-10UA-ES, RAS-07UA-ES)

No.	Parts name	Type	Specifications	
1	Compressor	PA98X1T-4FZ (RAS-10UA-ES)	Output (Rated) 750W, 2poles, 1 phase, 220 – 240V, 50Hz	
			Winding resistance (Ω) (at 20°C)	C-R 3.81
		PA79X1T-4FZ5 (RAS-07UA-ES)	Output (Rated) 605W, 2poles, 1 phase, 220 – 240V, 50Hz	
			Winding resistance (Ω) (at 20°C)	C-R 4.80
2	Fan motor (for outdoor)	HF-240-30B	Output (Rated) 30W, 6poles, 1 phase, 220 – 240V, 50Hz	
			Winding resistance (Ω) (at 20°C)	Red-Black 245
3	Running capacitor (for fan motor)	SK-50FMP1.5U2	AC 500V, 1.5 μ F	
4	Running capacitor (for compressor)	DS371256CPNB (RAS-10UA-ES)	AC 370V, 25 μ F	
		DS371156CPNB (RAS-07UA-ES)	AC 370V, 15 μ F	