

4. SPECIFICATION OF ELECTRICAL PARTS

4-1. Indoor Unit

No.	Parts name	Type	Specifications
1	Fan motor (for indoor)	ICF-340-30-2	Output (Rated) 30W, 220-240V
2	Thermo sensor (TA-sensor)	————	10k at 25°C
3	DC-DC transformer (T01)	SWT-58A	DC 390V, Secondary DC 15V, 12V, 7V
4	Microcomputer	TMP87CM40AN	
5	Heat exchanger sensor (TC-sensor)	————	10k at 25 °C
6	Line filter (L01)	SS11V-R07190	19mH, AC 0.7A
7	Diode (DB01)	D3SBA60	4A, 600V
8	Capacitor (C02)	KMH450VNSN120M25C	120μF, 450V
9	Fuse (F01)	TSCR	T6.3A, 250V
10	Relay (for outdoor fan motor, solenoid coil) (RY04)	AJQ1341	Coil DC 12V, 33mA, Rated 1A, AC 250V
11	Power supply IC (IC01)	MA8920	5A, 900V
12	Varistor (R21, R22)	15G561K	560V
13	Resistor (R01)	RF-5TK4R7	4.7 , 5W
14	Louver motor	MP35EA12	Output (Rated) 2W,10poles, 1phase, DC 12V

4-2. Outdoor Unit (RAS-24UAX, RAS-24UA-AR)

No.	Parts name	Type	Specifications		
1	Compressor	PA290X3F-4MS	Output (Rated) 2200W, 2poles, 1phase, 220 – 240V, 50Hz		
			Winding resistance (Ω) (at 20°C)	Red-Black	White-Black
				1.07	2.20
2	Fan motor (for outdoor)	MMF-230-65C	Output (Rated) 65W, 6poles,1phase, 220 – 240V, 50Hz		
			Winding resistance (Ω) (at 20°C)	Red-Black	White-Black
				71.2	139.0
3	Running capacitor (for fan motor)	SK45FMP	AC 450V, 3.5μF		
4	Running capacitor (for compressor)	SK42CMP45U1	AC 420V, 45μF		
5	Bimetal thermostat	CS-7C	Open 130 ± 5°C, Close 70 ± 10°C		
6	Magnetic switch	CLK-35J	220 – 240V, 50Hz		

4-3. Outdoor Unit (RAS-18UAX, RAS-18UA-AR)

No.	Parts name	Type	Specifications		
1	Compressor	PA225X3F-4L	Output (Rated) 1500W, 2poles, 1phase, 220 – 240V, 50Hz		
			Winding resistance (Ω) (at 20°C)	Red-Black	White-Black
				1.35	2.68
2	Fan motor (for outdoor)	HF-240-42A	Output (Rated) 65W, 6poles, 1phase, 220 – 240V, 50Hz		
			Winding resistance (Ω) (at 20°C)	Red-Black	White-Black
				176.2	290.5
3	Running capacitor (for fan motor)	SK45FMP02U2	AC 450V, 2 μ F		
4	Running capacitor (for compressor)	SK42CMP45U1	AC 420V, 45 μ F		
5	Bimetal thermostat	CS-7C	Open 130 \pm 5°C, Close 70 \pm 10°C		
6	Magnetic switch	VC20FA	220 – 240V, 50Hz, 1P1a		