

ROOM AIR CONDITIONER
WINDOW Type

AMY12UAS-W

SERVICE MANUAL



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SPECIFICATIONS

MODEL	AMY12UAS-W	
COOLING CAPACITY	(kW)	3.45
HEATING CAPACITY	(kW)	3.60
HEATING METHOD	Reverse cycle	

ELECTRICAL DATA

POWER SOURCE		230V, 50Hz
RUNNING CURRENT (A)	COOLING	6.2
	HEATING	5.8
STARTING CURRENT (A)		28
INPUT WATTS (kW)	COOLING	1.40
	HEATING	1.30
E.E.R. (kW/kW)	COOLING	2.46
	HEATING	2.77
FUSE (A)		15

COMPRESSOR

TYPE	Hermetic type, Permanent split condenser, 2 pole, Single phase, Induction motor, Rotary		
CODE	802-362-35B 220 - 240V 50Hz		
REFRIGERANT	R410A	(g)	810

FAN MOTOR

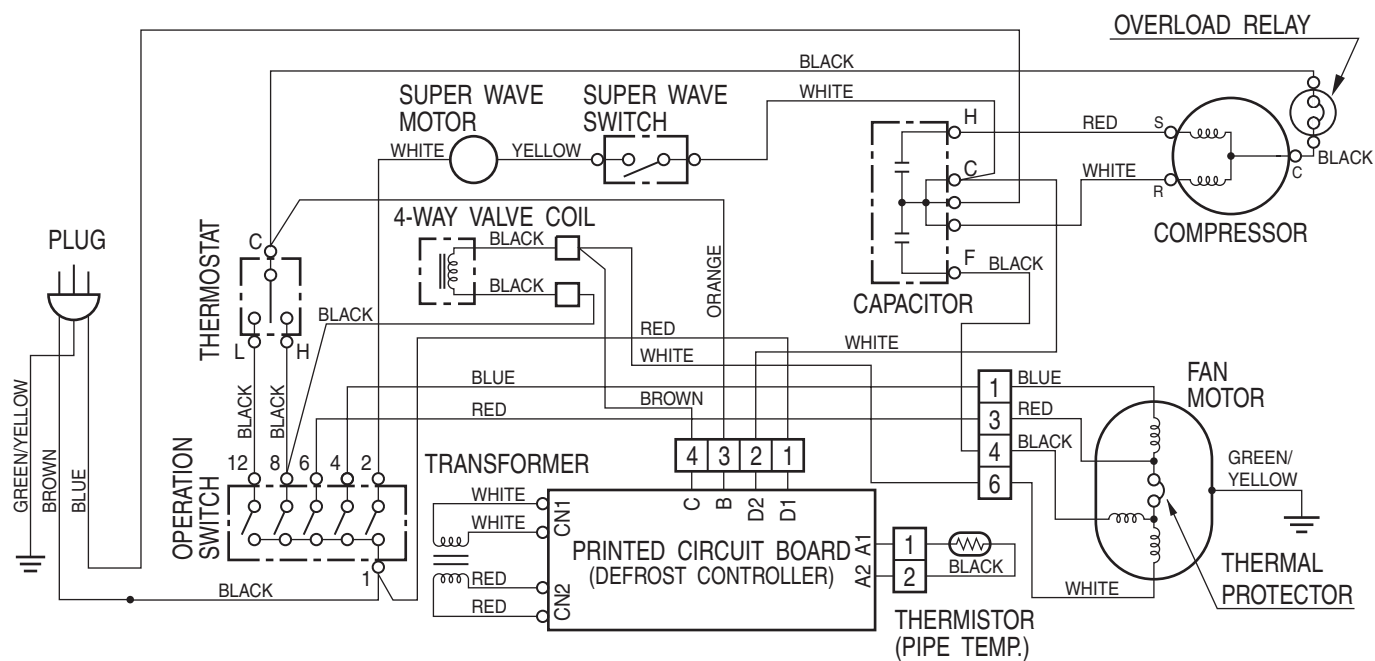
POWER SOURCE	(V)	230
HIGH	(r.p.m.)	950
LOW	(r.p.m.)	770

MOISTURE REMOVAL	(ℓ /hr)	1.1
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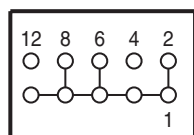
DIMENSIONS	H x W x D (mm)	375 x 560 x 650
WEIGHT	NET / GROSS (kg)	45 / 50

CIRCUIT DIAGRAM

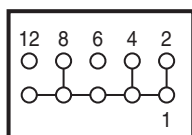
Model : AMY12UAS-W



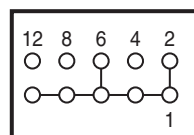
OPERATION SWITCH INTERNAL CONNECTIONS



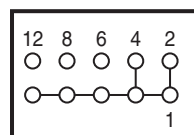
WARM
HIGH POWER



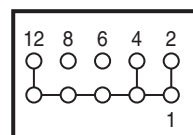
WARM
SUPER QUIET



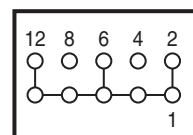
HIGH FAN



LOW FAN



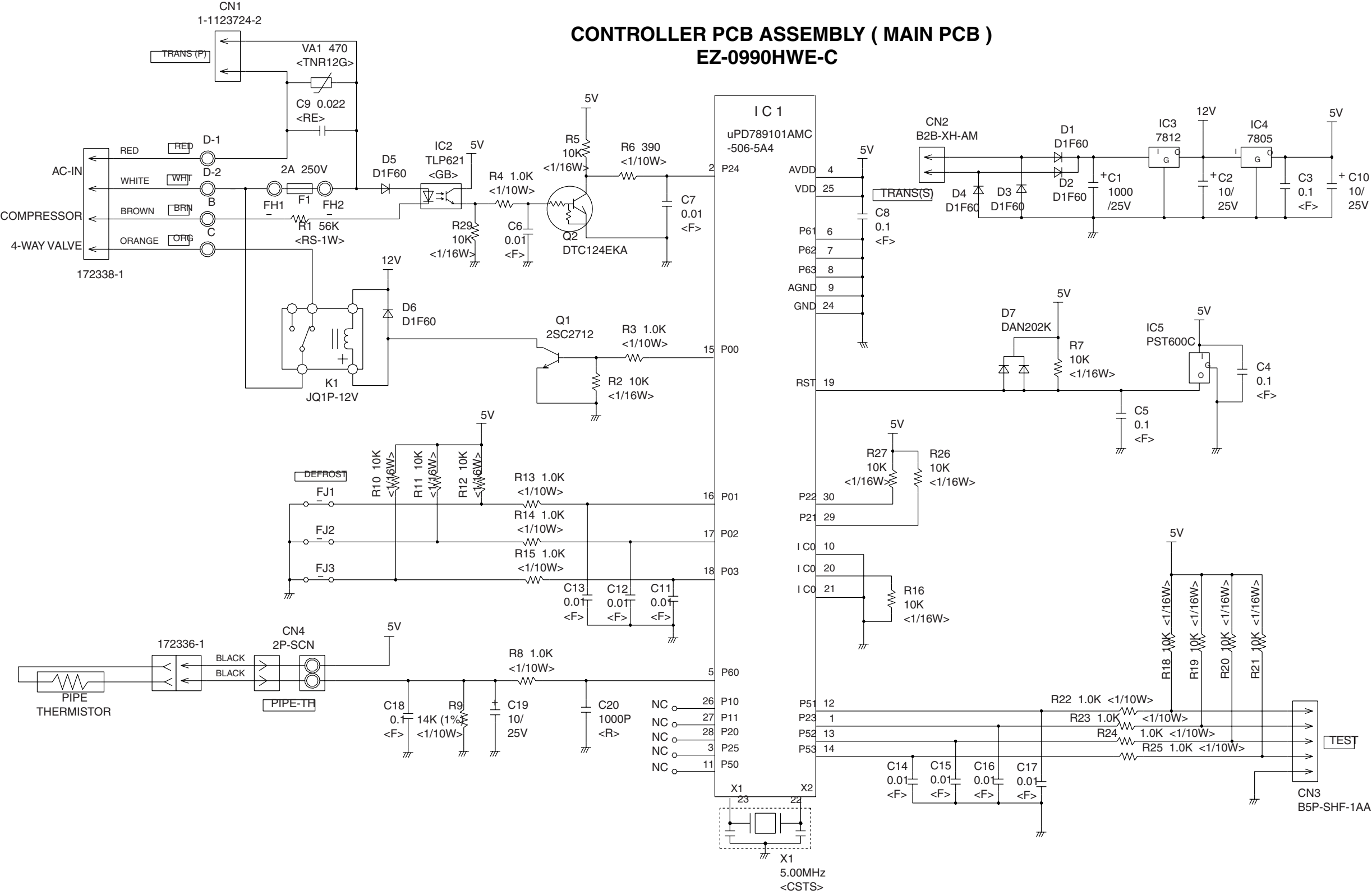
COOL
SUPER QUIET



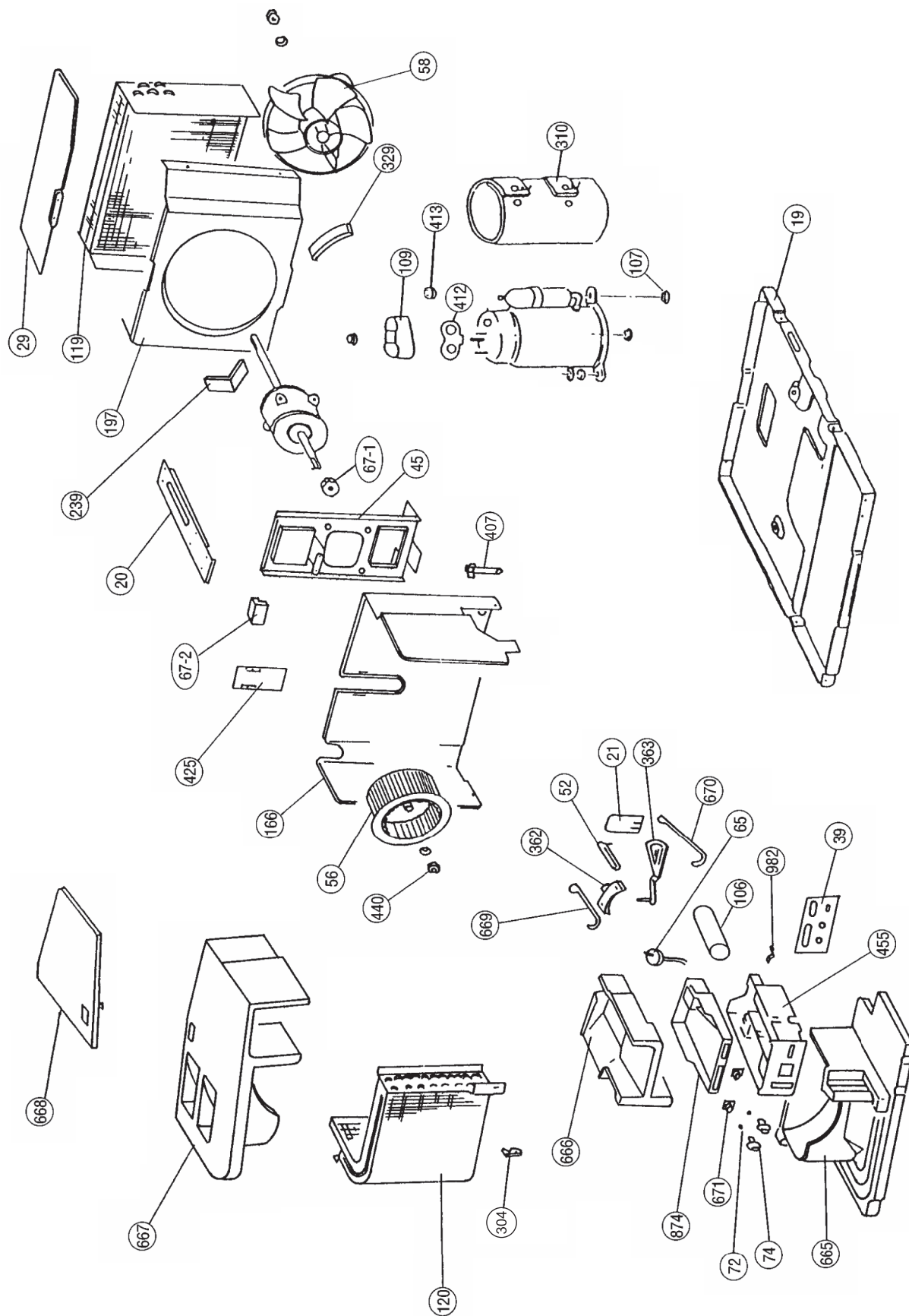
COOL
HIGH POWER

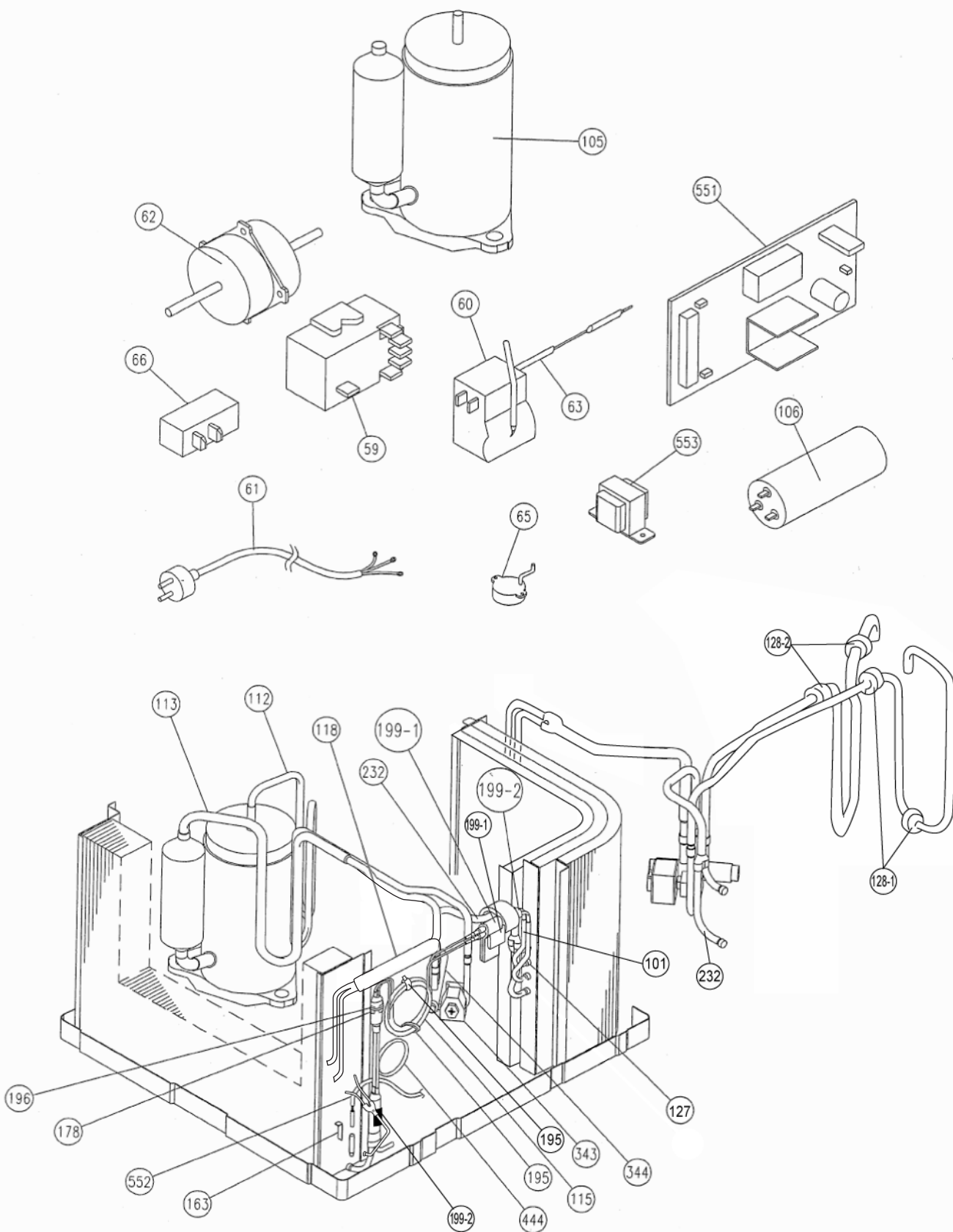
MICROCOMPUTER CONTROL CIRCUIT

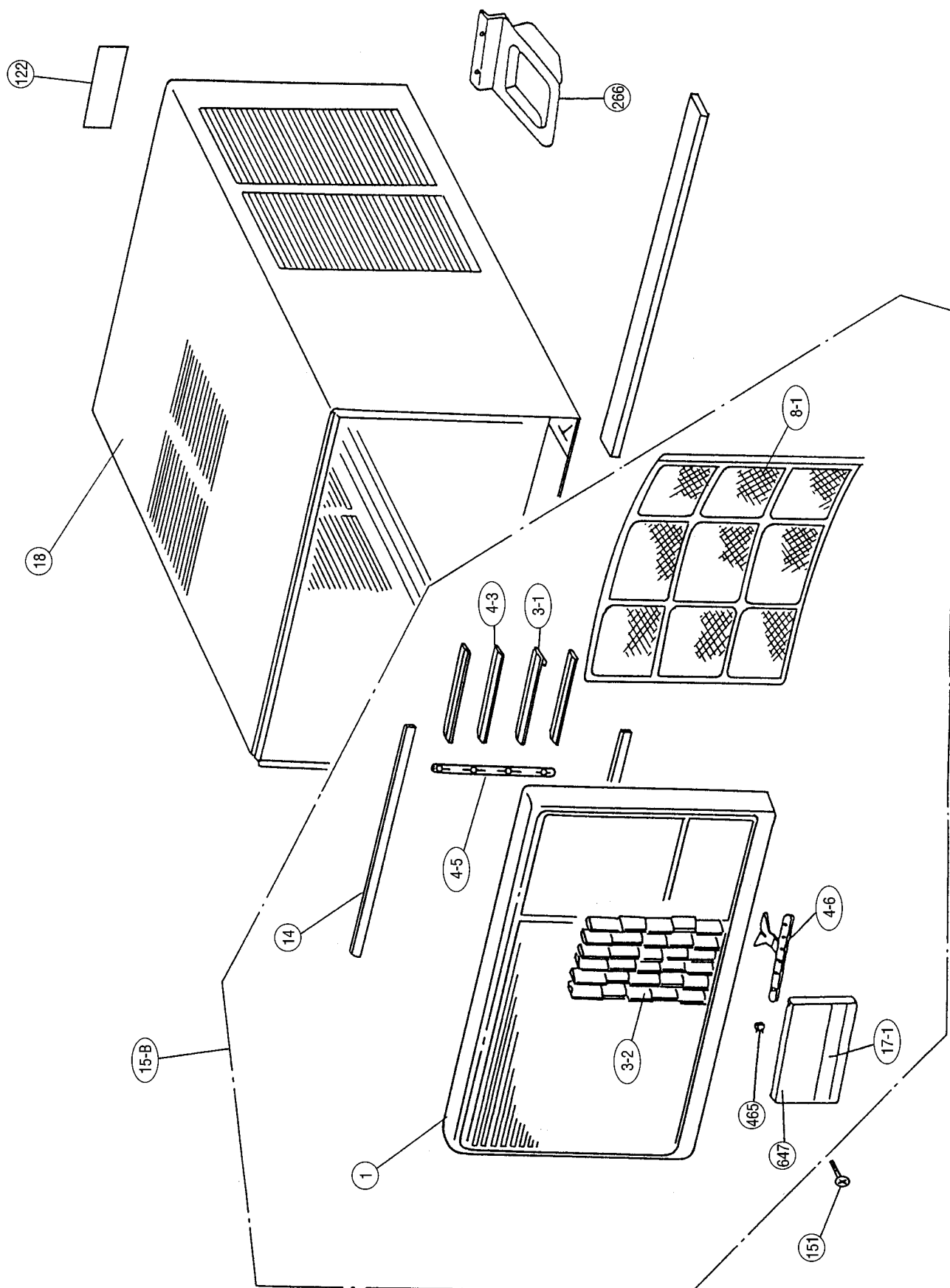
Model : AMY12UAS-W



DISASSEMBLY ILLUSTRATION







PARTS LIST

FRONT PANEL PARTS

When you order parts, please make a photocopy of this page and fill the number of the parts in the "Order" column.

Ref. No.	Description	Part No.	Ord. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
		AMY12UAS-W				AMY12UAS-W	
1	Front panel	9356309010		8-1	Filter Assy	9356310023	
3-1	Louver-A	9356311006		14	Rail (Front Panel)	9356317015	
3-2	Louver-C	9356313017		15-B	Front Panel Assy	9356661132	
4-3	Louver-B	9356312003		17-1	Decoration Plate-A	9356323009	
4-5	Connecting Plate-A	9356314007		465	Catcher (Front Panel)	9356626001	
4-6	Connecting Plate-B	9356315004		647	Switch Panel Lid	9356316018	

CABINET & CHASSIS PARTS

Ref. No.	Description	Part No.	Ord. Q'ty	Ref. No.	Description	Part No.	Ord. Q'ty
		AMY12UAS-W				AMY12UAS-W	
18	Cabinet Assy	9356293012		163	Thermo. Spring-A	313728262708	
19	Base Assy	9356288094		166	Separate Wall	9356294002	
20	Supporter-C	9356298000		178	Capillary Holder	313818274809	
21	Exhaust Air Damper	9356336009		195	Clamp SKB-100	313361275805	
29	Supporter-B	9356297003		196	Clamp SKB-150	313035356905	
39	Switch Panel	9358219010		197	Wind Guide Board	9356295009	
45	Motor Fixing Table	9357201009		199-1	BR Sheet	313612108209	
				199-2	BR Sheet	313816108200	
				200-1	BR Sheet-B	9351990022	
52	Louver Arm	313658122104					
56	Sirocco Fan Assy	9356350005					
58	Propeller Fan Assy	9356349009					
59	Operation Switch	9351214029		232	Outline Pipe (Evaporator) Assy	9373290018	
60	Thermostat	9354392007		239	Water Seal Plate	9357196008	
61	Power Cord Assy	9900053048		266	Drain Boat	313681252701	
62	Fan Motor Assy	9601257028					
63	Protection Tube-B	313152149608		304	Thermostat Fixture-B	9385369009	
65	Jet Vane Motor	9370014037		310	Compressor Cover	9357990002	
66	Jet Vane Switch	9354272002		329	Sealant (Wind Guide Board)	9357223001	
67-1	Rubber (Vibration-proof)	9369300004		343	Solenoid Coil	9900165093	
67-2	Rubber-B (Vibration-proof)	9356354003		344	4-Way Valve	9900162016	
72	Knob Spring (Thermostat Knob)	313008061010		362	Guide Plate	9356337006	
74	Operation Knob	9356352023		363	Moving Plate	9356338003	
101	Inlet Pipe-A (Evaporator) Assy	9367268009		365	3-Way Joint Pipe Assy	9373285014	
105	Compressor Assy	9373111016		407	Clip No. 1259	313739340109	
106	Running Capacitor	9703127274		412	Terminal Gasket (For Comp.)	9351921019	
107	Rubber Seat-A (For Comp.)	9351813017		413	Overload Relay	9312899005	
109	Terminal Cover (For Comp.)	9351920012		425	Separate Wall Cover	9356326000	
112	Discharge Pipe	9373288015		440	Special Nut	0700005084	
113	Suction Pipe Assy	9373289012		444	Capillary Assy	9373283010	
				455	Control Box	9356339017	
115	Capillary Tube	9373287018		551	Defrost Cont. PCB Assy	9703103018	
118	Inlet Pipe (Cond.) Assy	9373291015		552	Thermistor Assy	9701330027	
119	Condenser Assy	9373246015		553	Power Transformer	9900205010	
120	Evaporator Assy	9373256014		665	Casing-Under	9356330007	
122	Emblem-B (Rear)	9356649000		666	Casing-Middle, Painted	9356329001	
				667	Casing-Top, Painted	9356328004	
127	Inlet Pipe-B (Evaporator)	9367271009		668	Reinforcement (Casing)-C	9356296006	
128-1	Counter Weight	313202086308		669	Operation Wire-A	9356333008	
128-2	Counter Weight	313155086308		670	Operation Wire-B	9356334005	
				671	Slide Lever	9356335019	
151	Front Panel Screw	313306389909		874	Control Box Cover	9356332018	
				982	Cord Clamp	9358065006	

