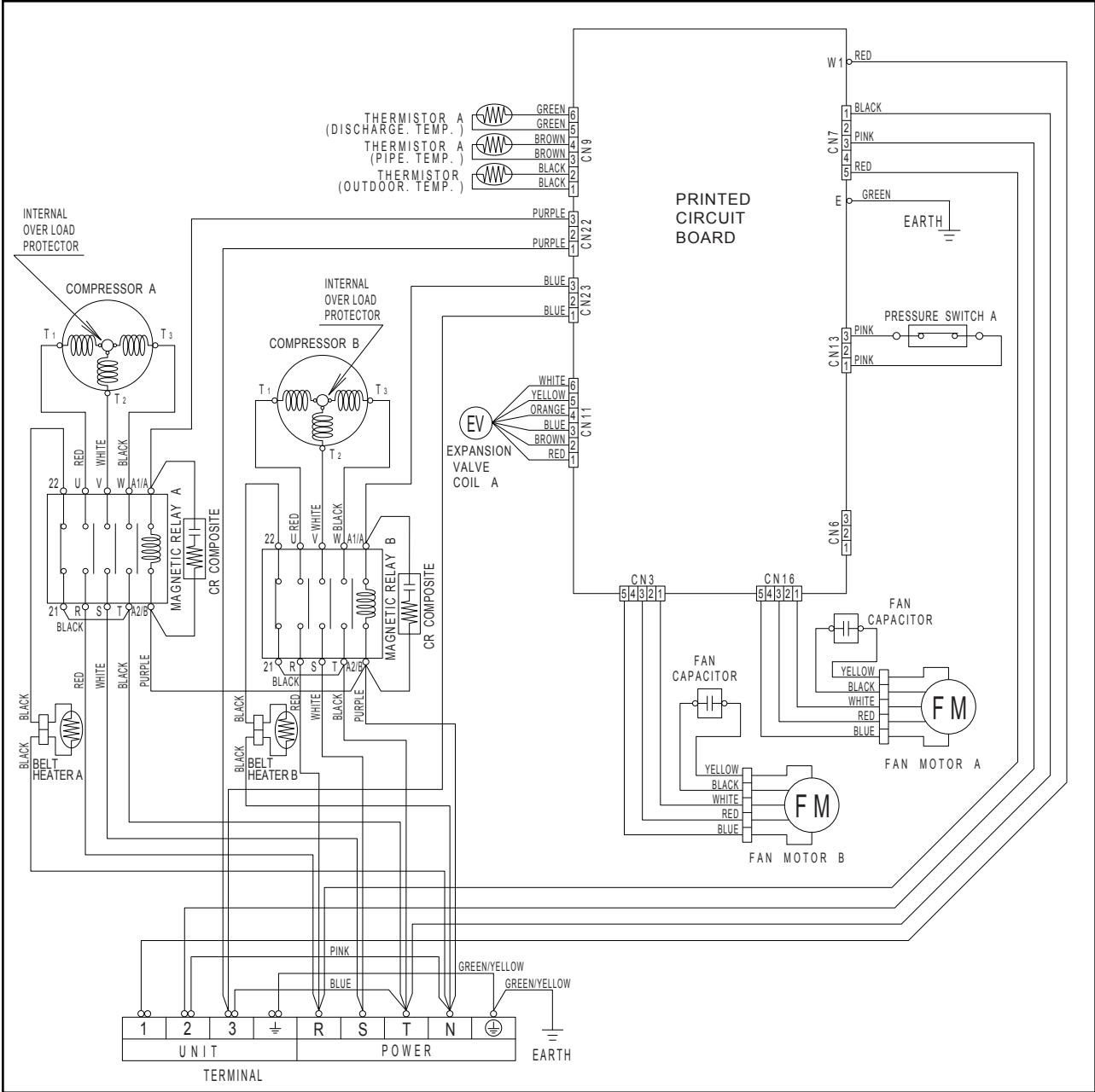


8-3 WIRING DIAGRAM

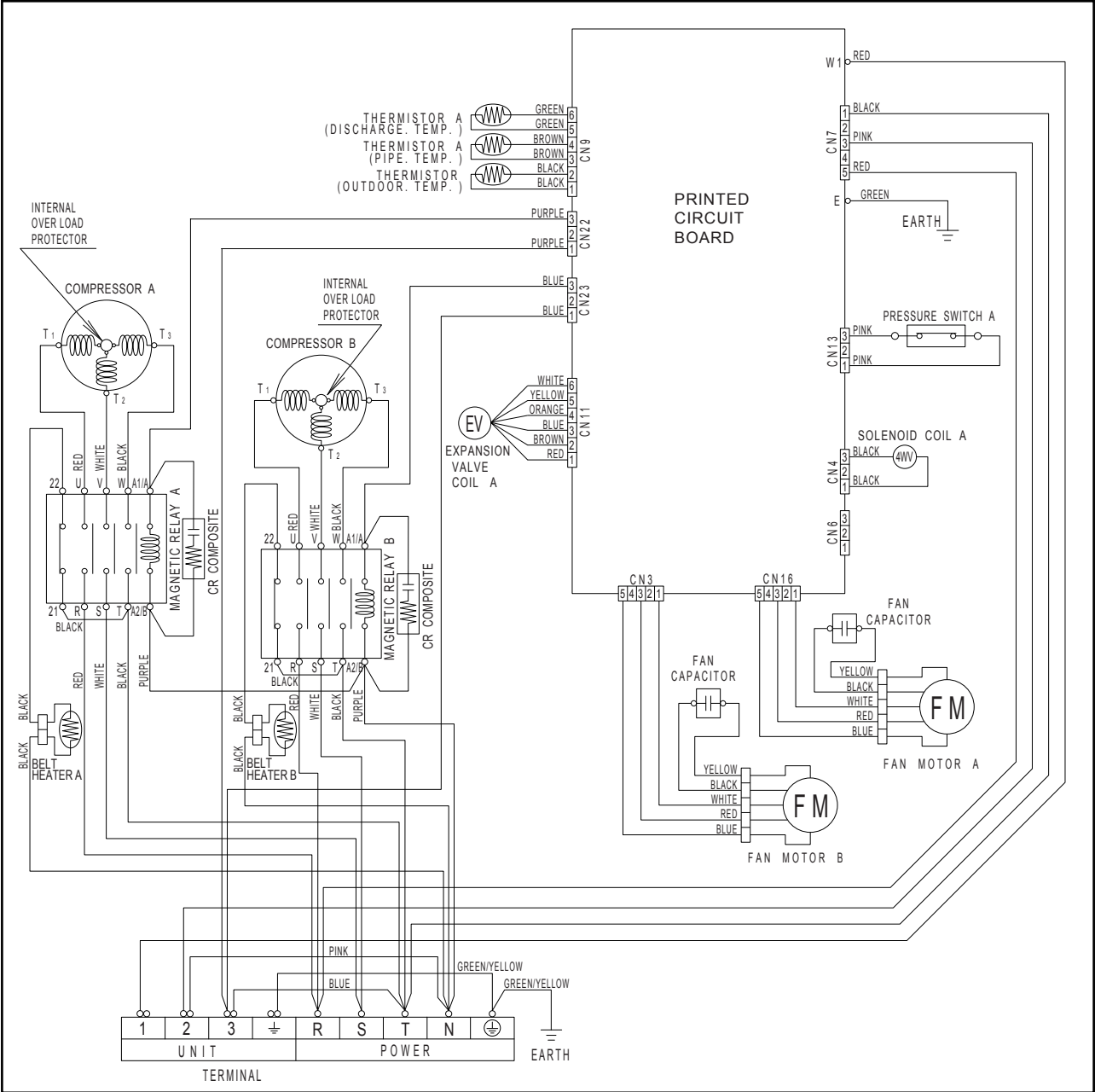
8-3-1 OUTDOOR UNIT

■ SIMULTANEOUS OPERATION

MODEL : AJ * A90EATB (COOLING ONLY TYPE)

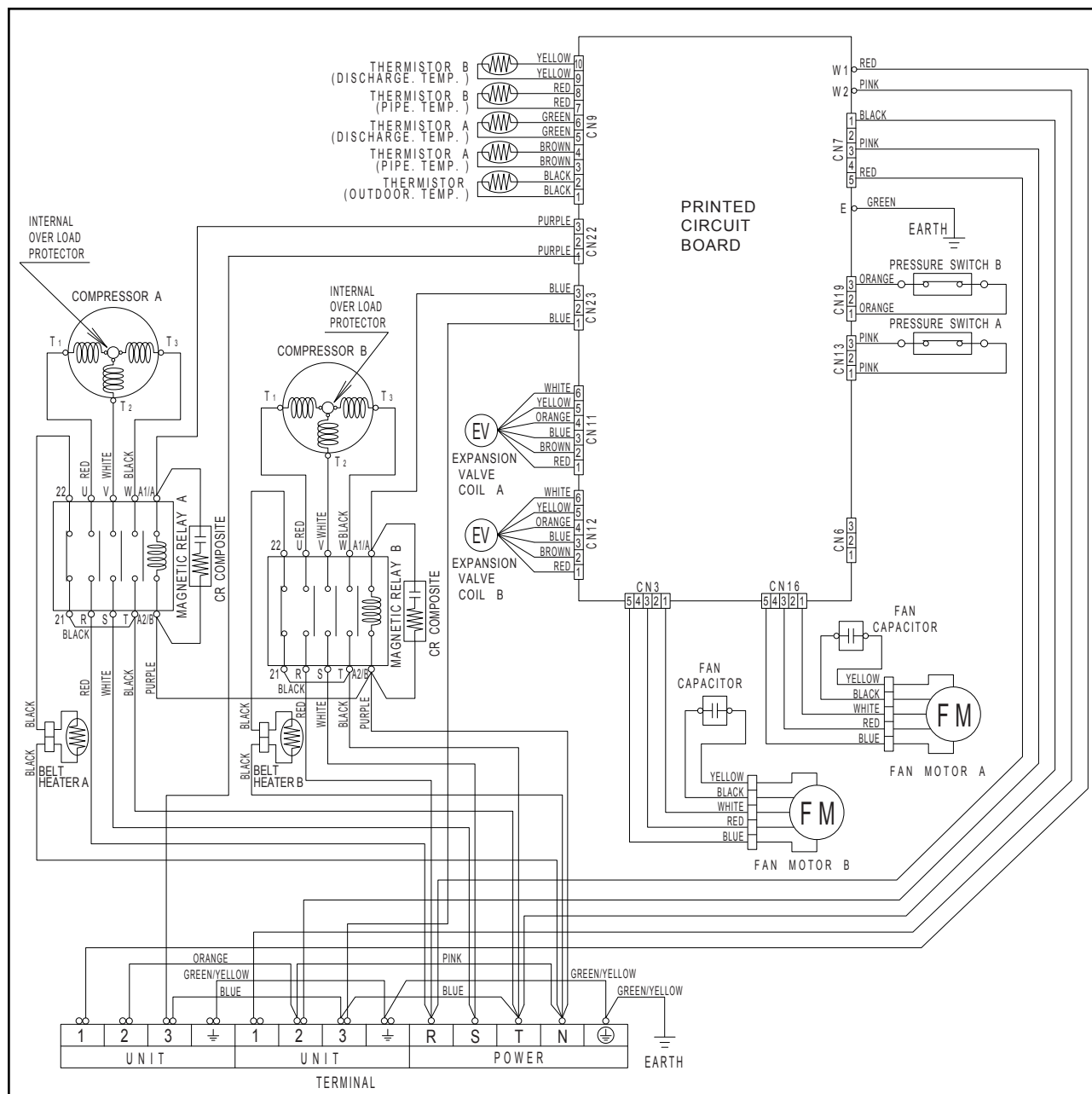


MODEL : AJ * A90TATB (HEAT PUMP TYPE)

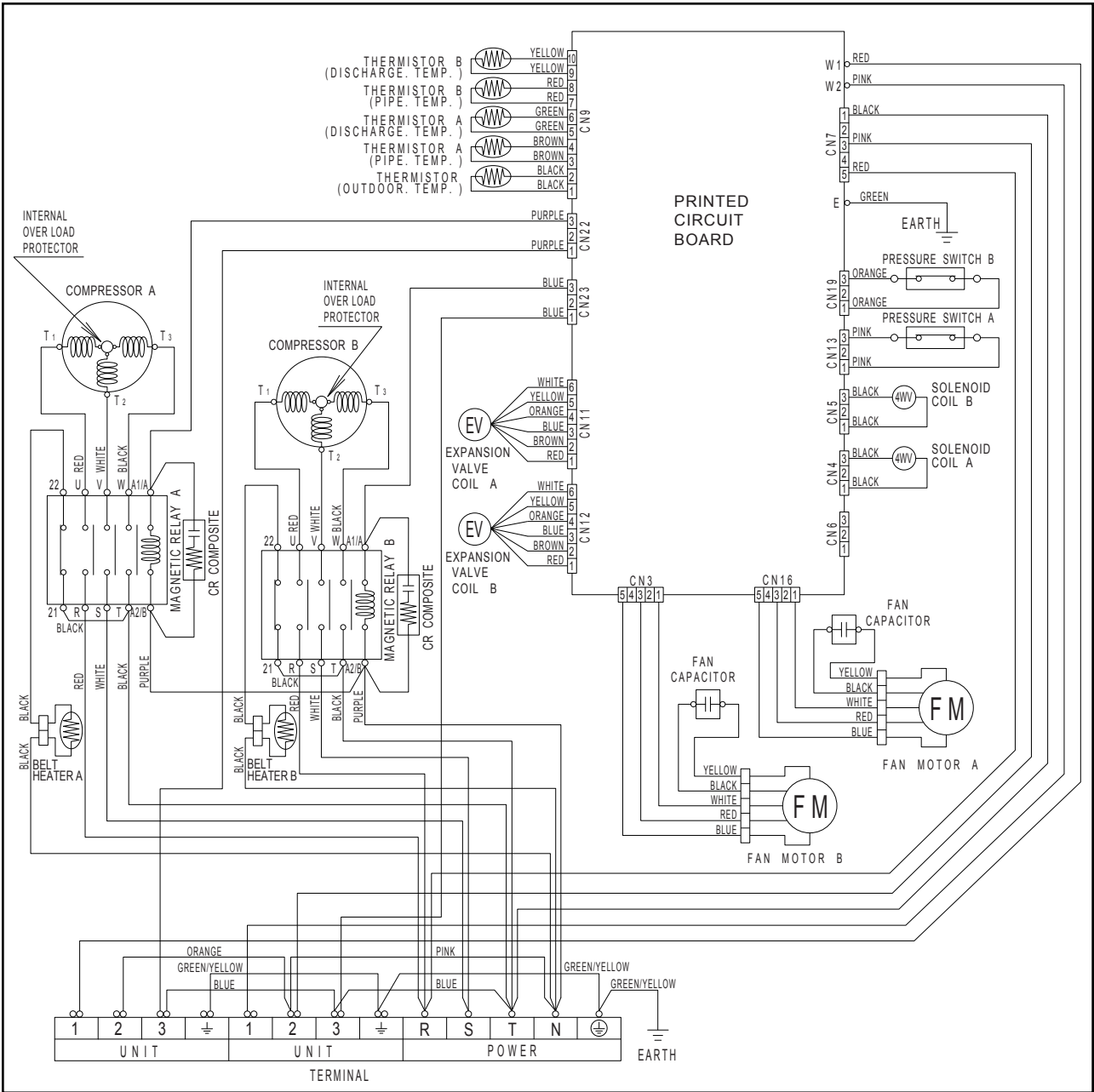


■ INDIVIDUAL OPERATION

MODEL : AJ * A90EATA (COOLING ONLY TYPE)

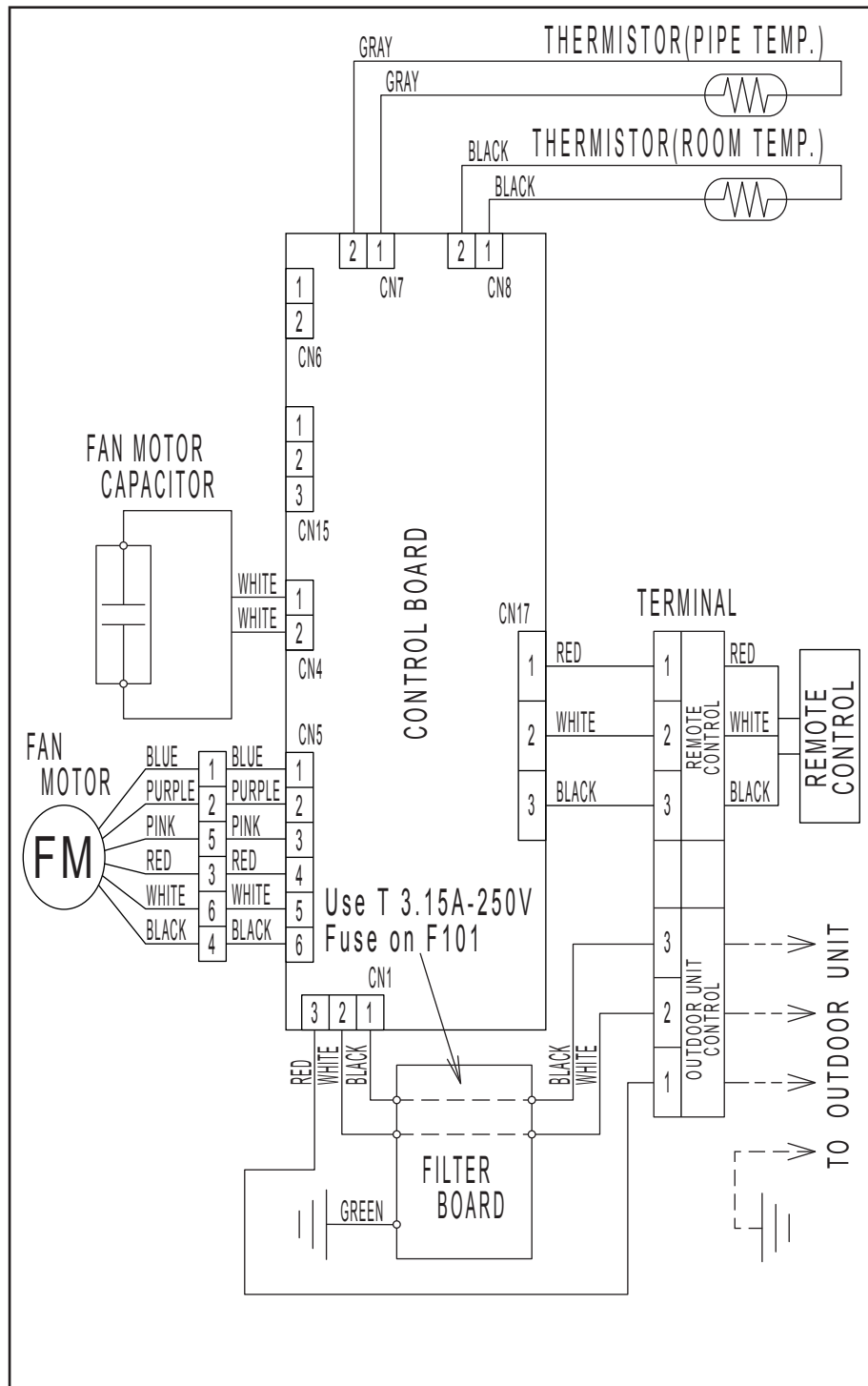


MODEL : AJ * A90TATA (HEAT PUMP TYPE)

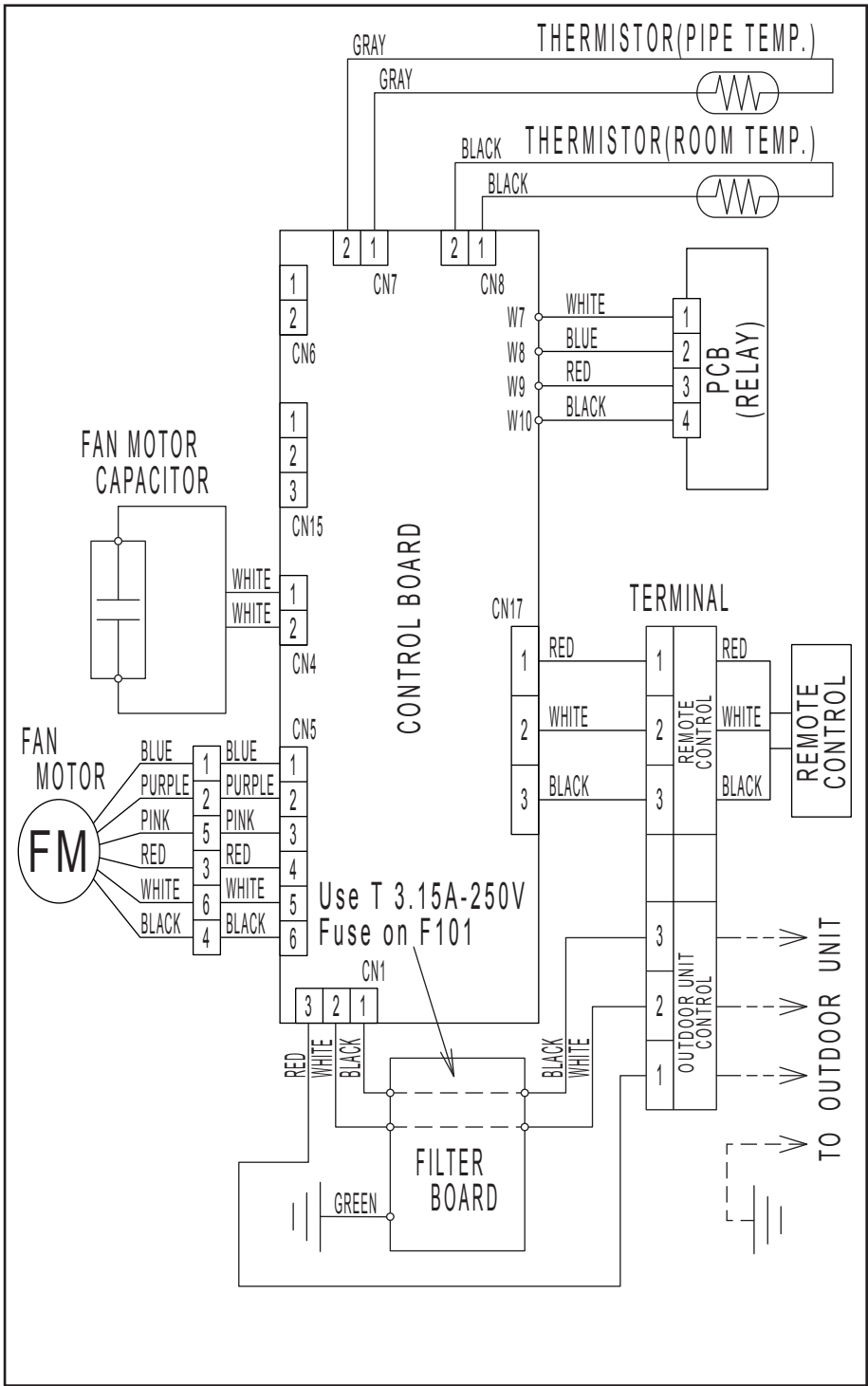


8-3-2 INDOOR UNIT

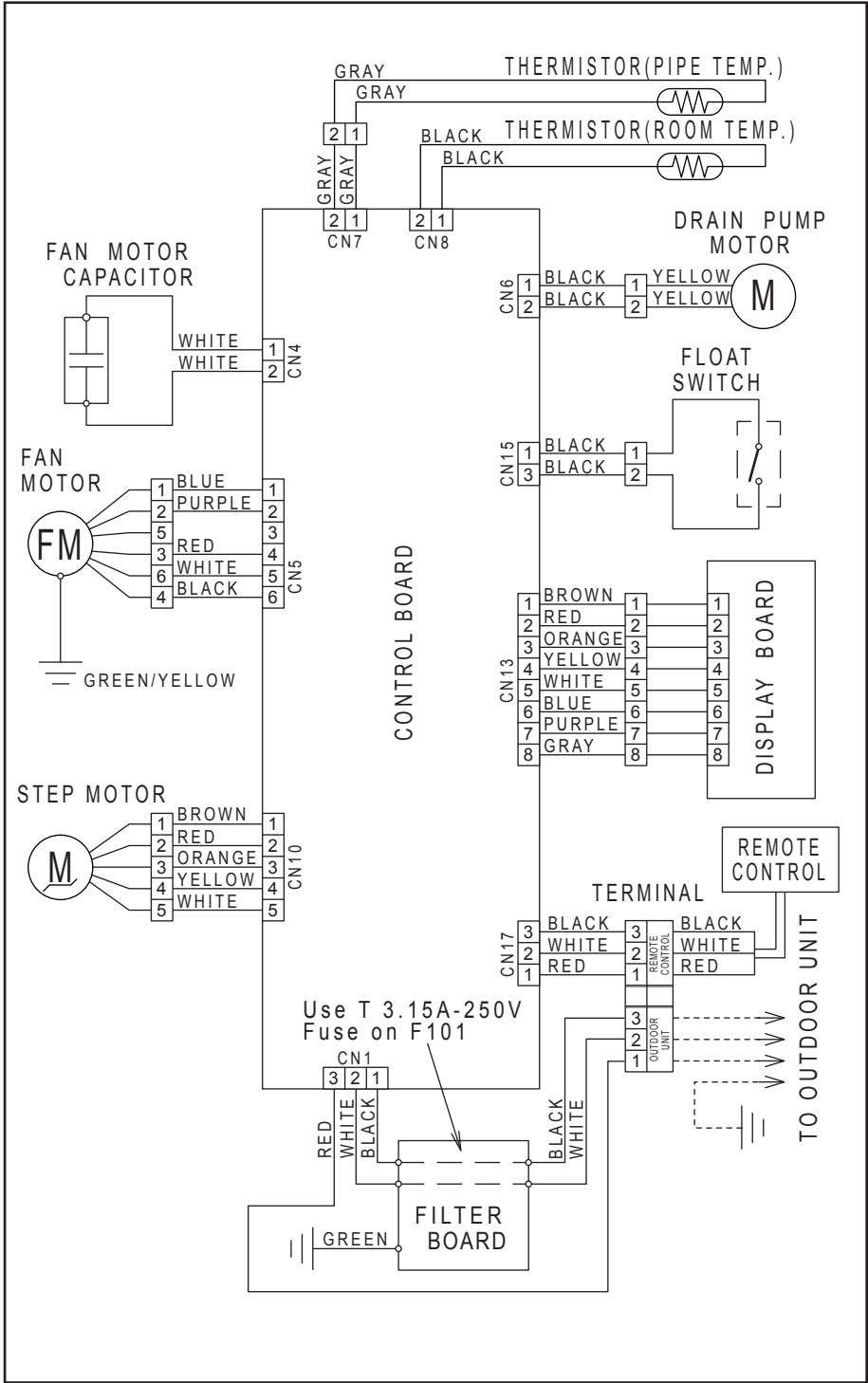
MODEL : ARXA25TATA



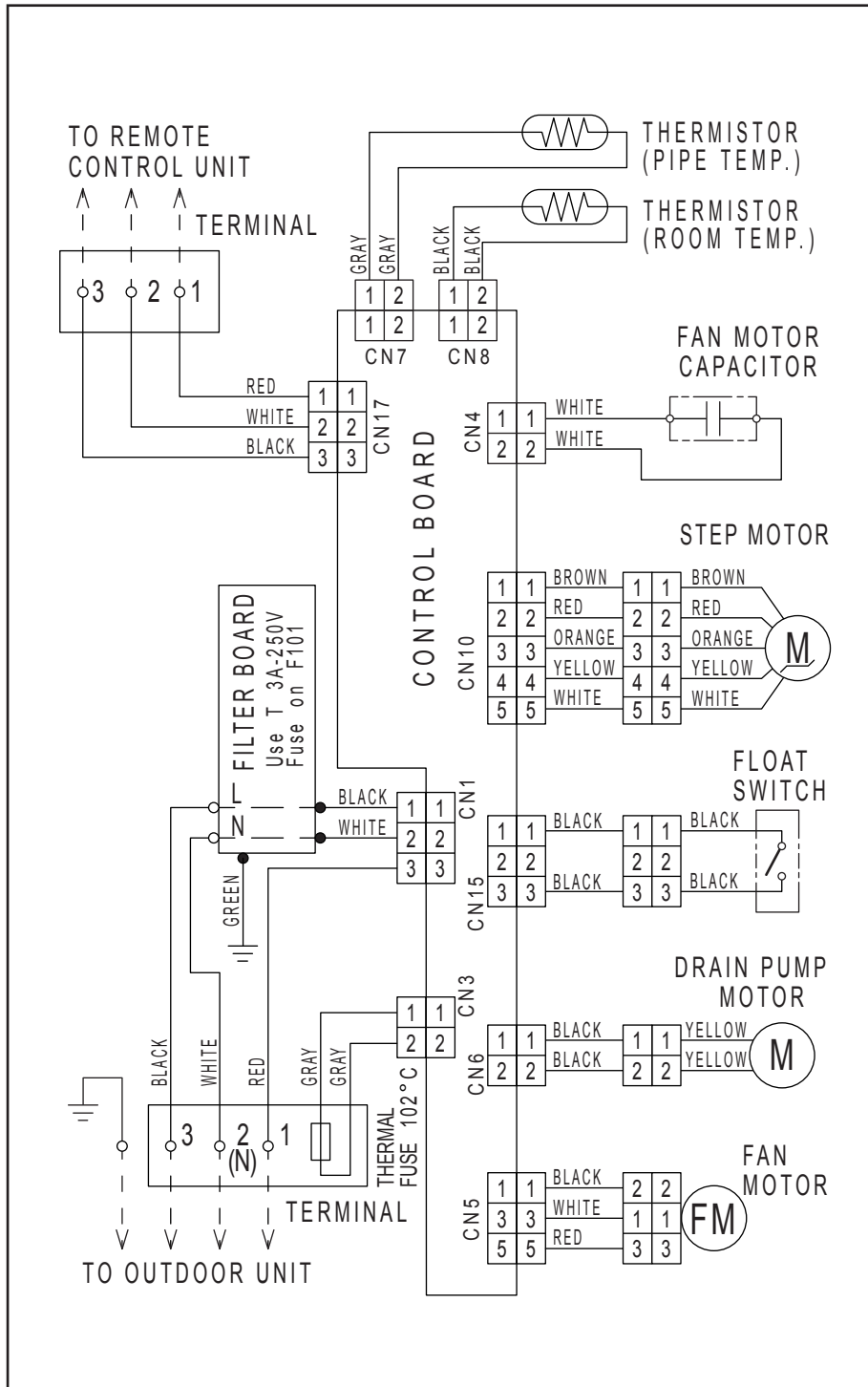
MODEL : ARXA30TATA
ARXA36TATA
ARXA45TATA



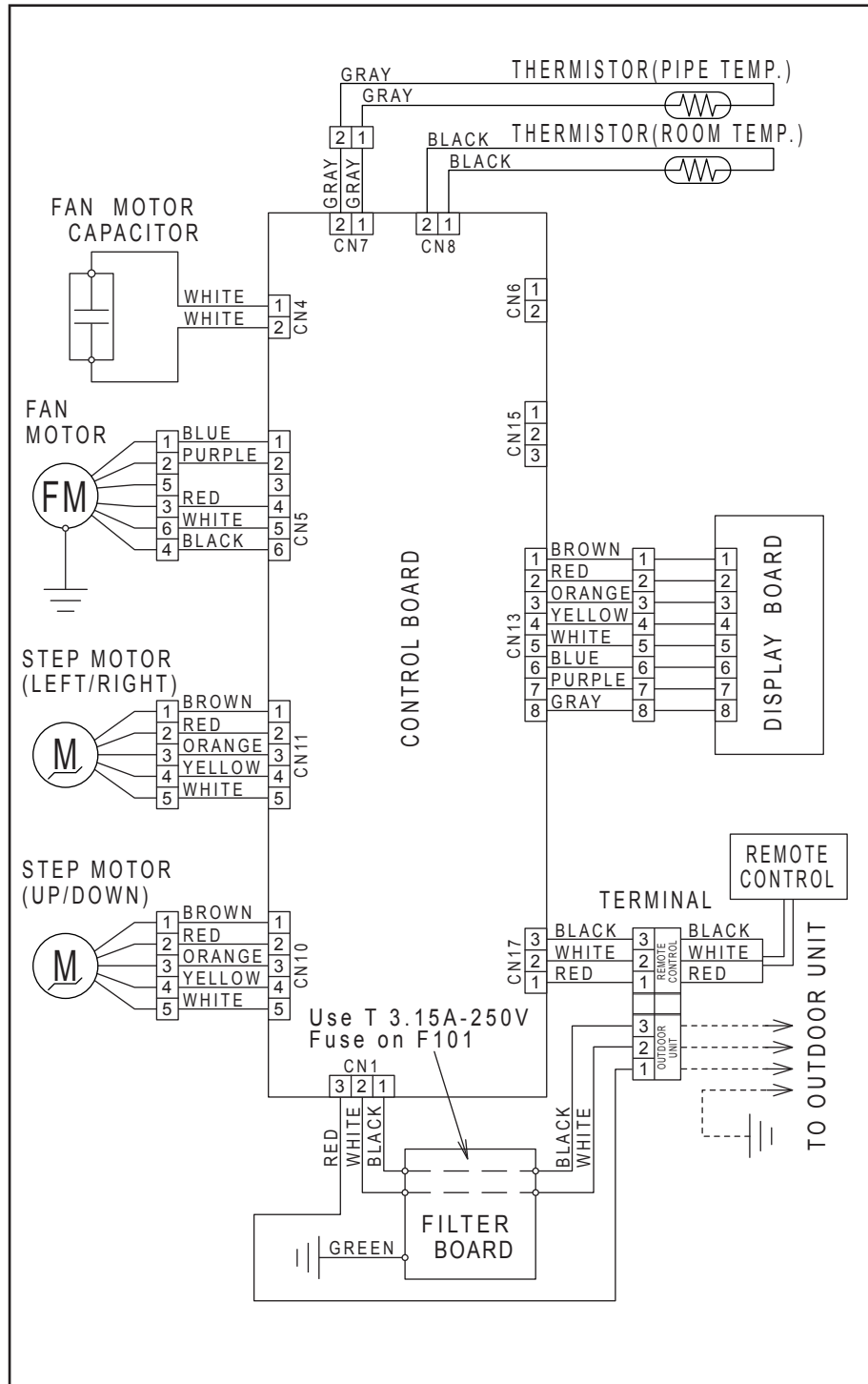
MODEL : AUXA18TATA



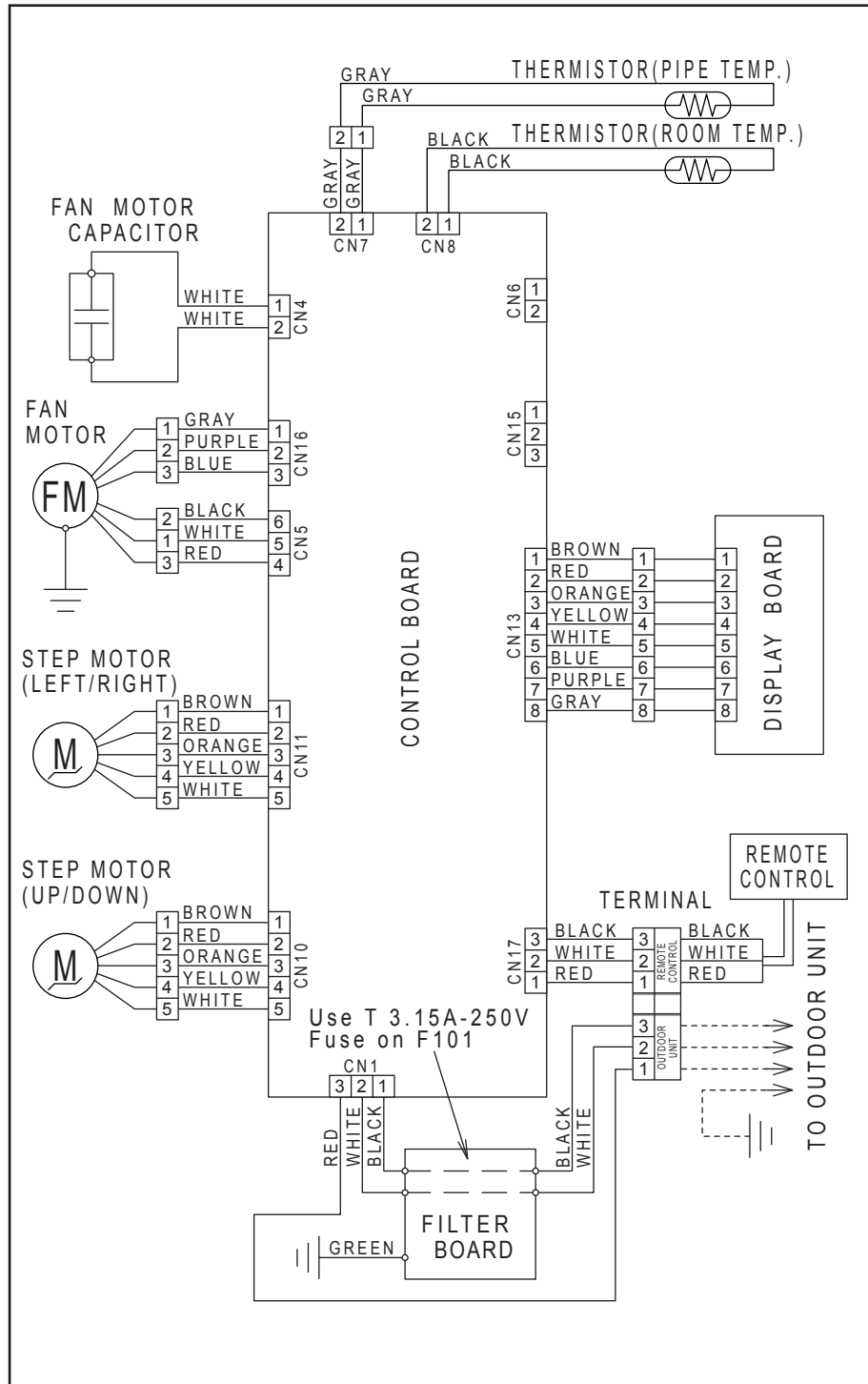
MODEL : AU * A25TATA, AU * A30TATA
 AU * A36TATA, AU * A45TATA



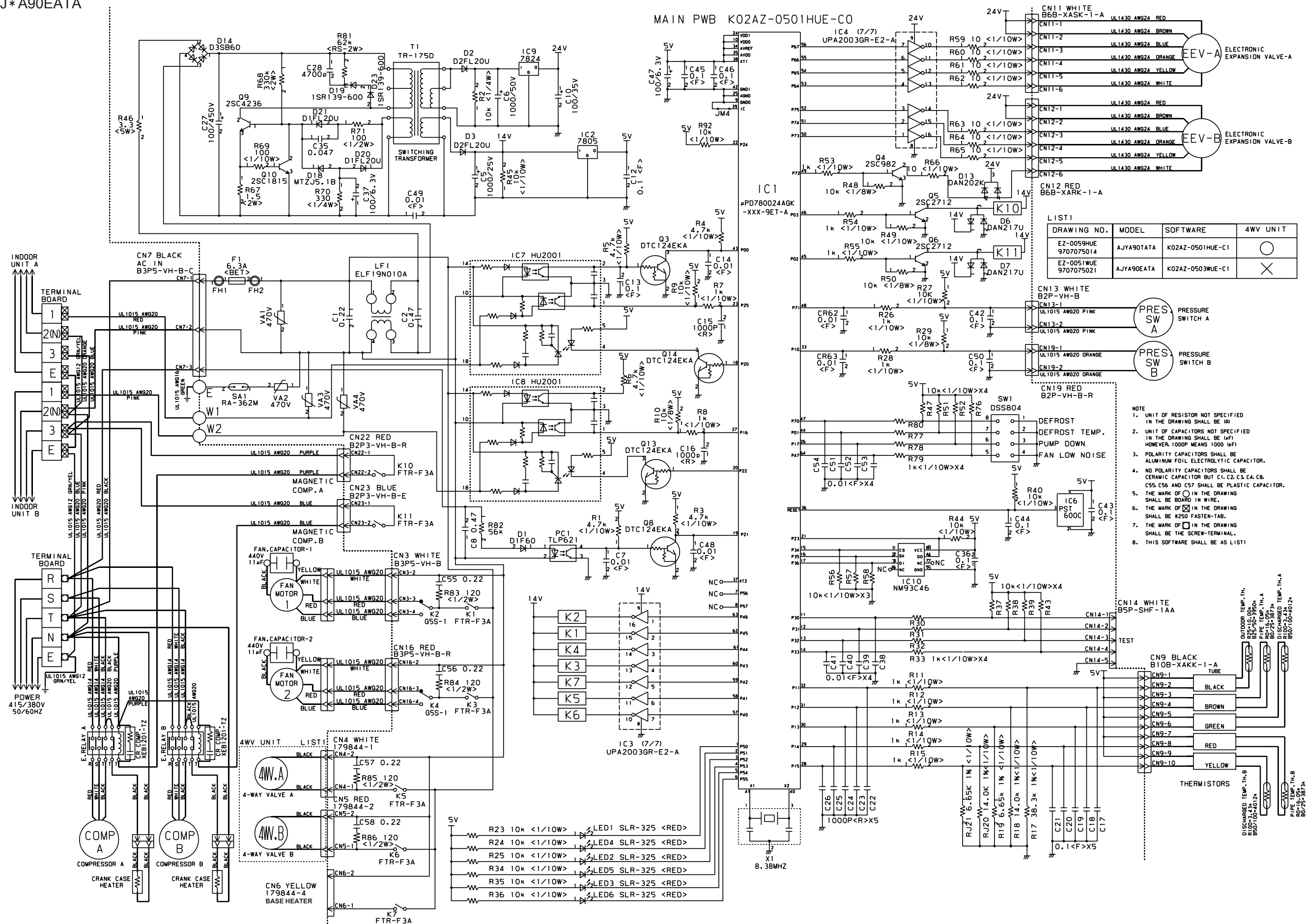
MODEL : AB*A18TATA
AB*A24TATA



MODEL : AB*A30TATA
 AB*A36TATA
 AB*A45TATA



MODEL : AJ* A90TATA
AJ* A90EATA

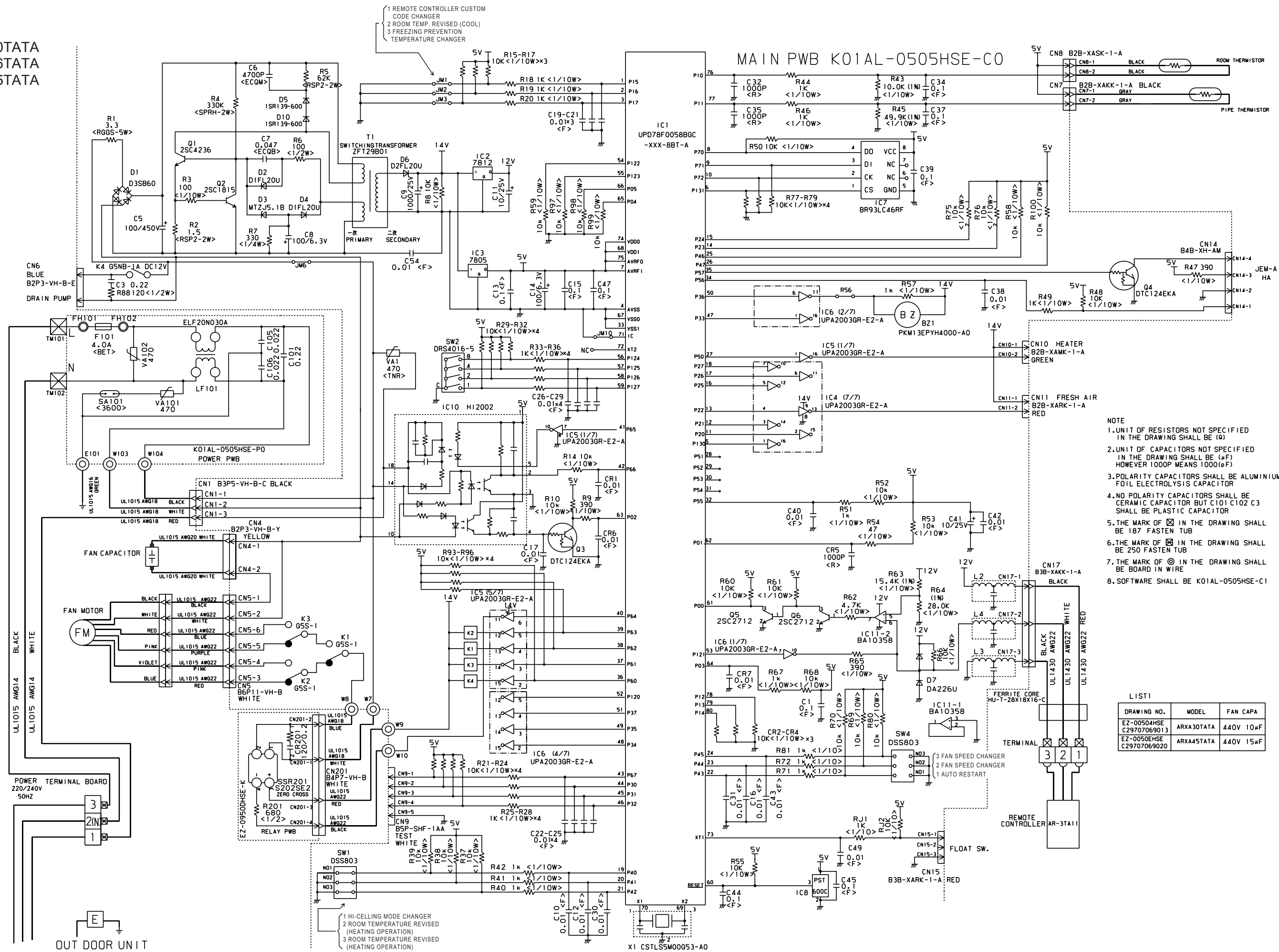


MODEL : ARXA25TATA

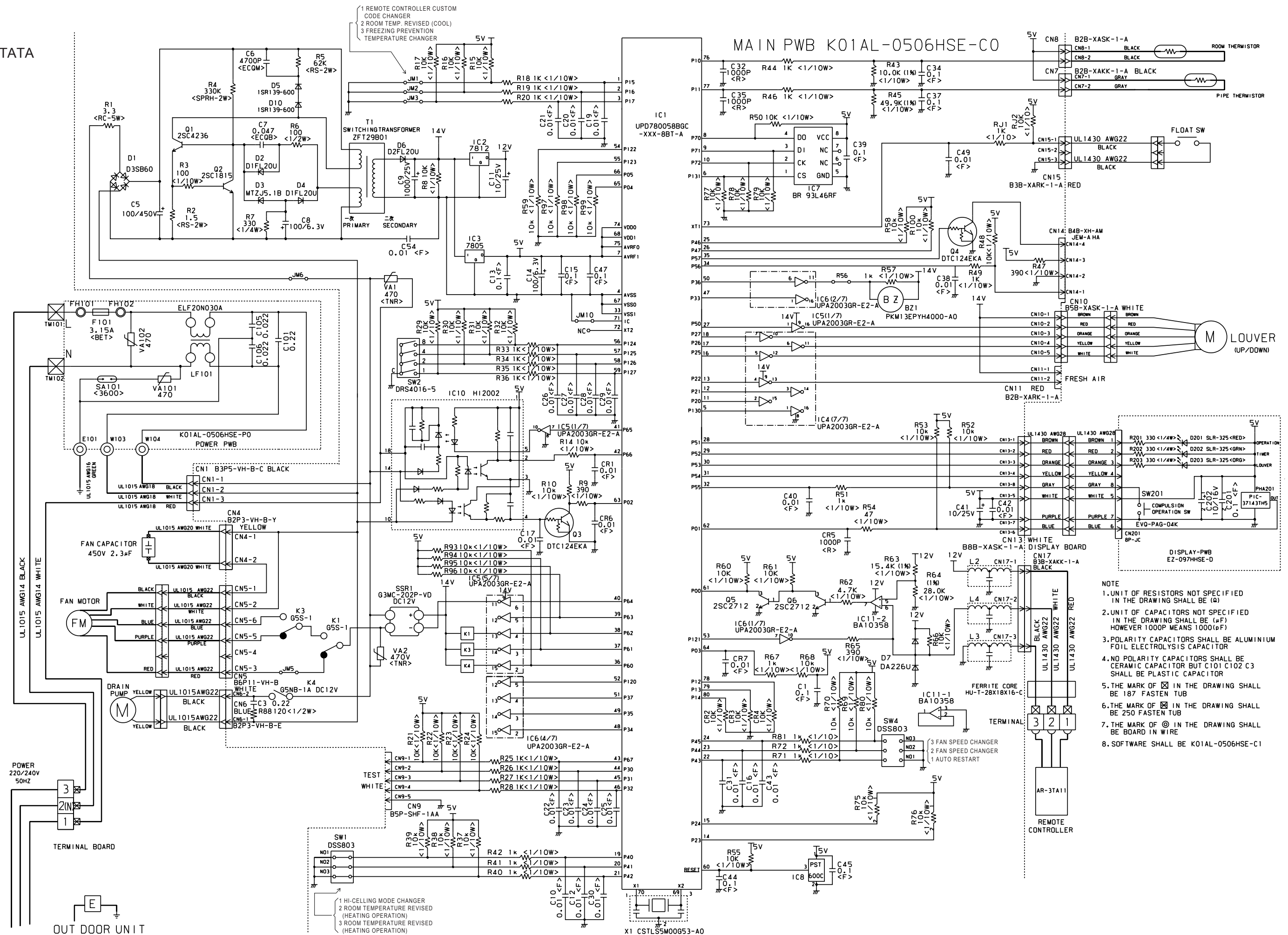
MODEL : ARXA25TATA



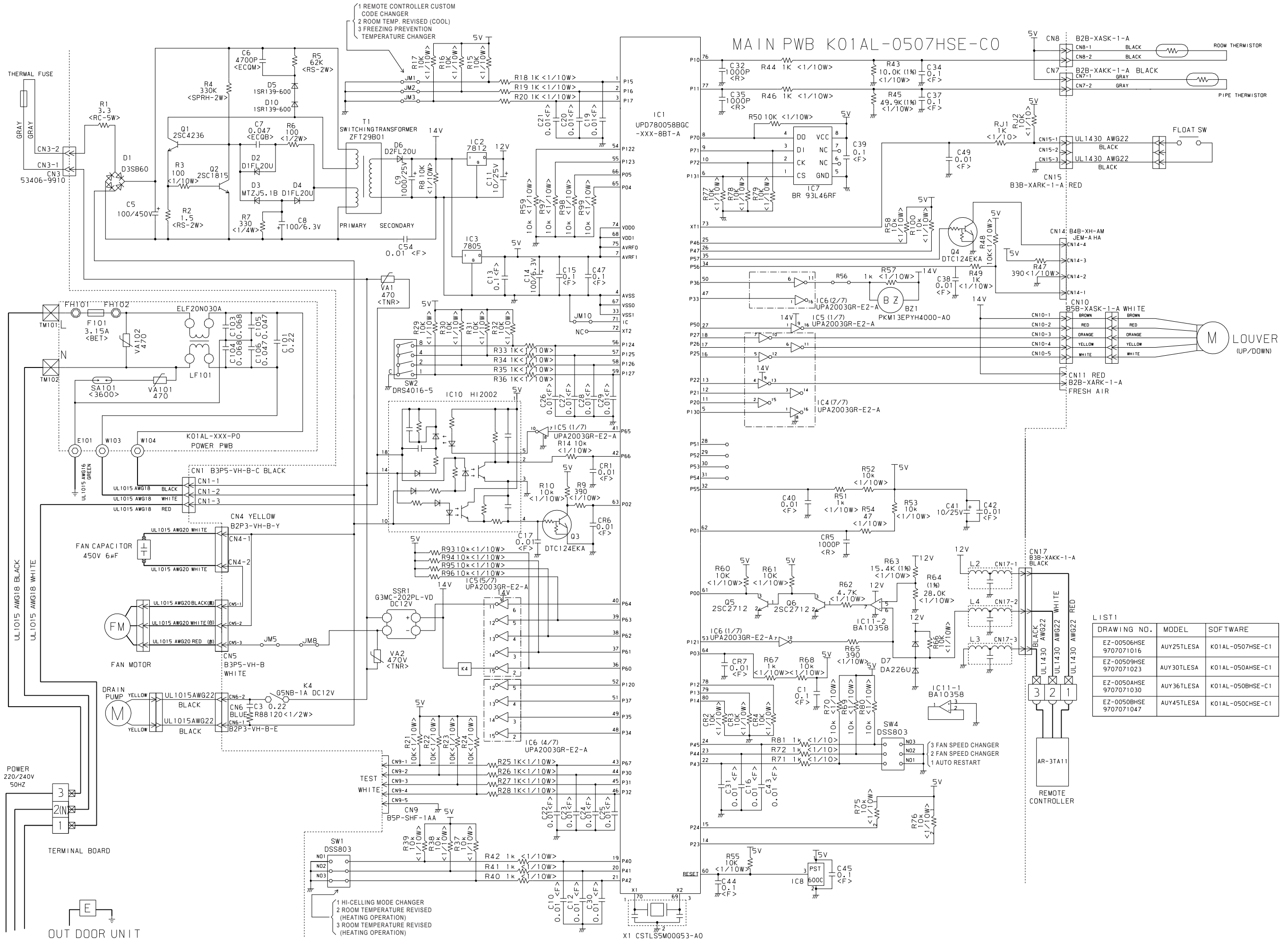
MODEL : ARXA30TATA
ARXA36TATA
ARXA45TATA



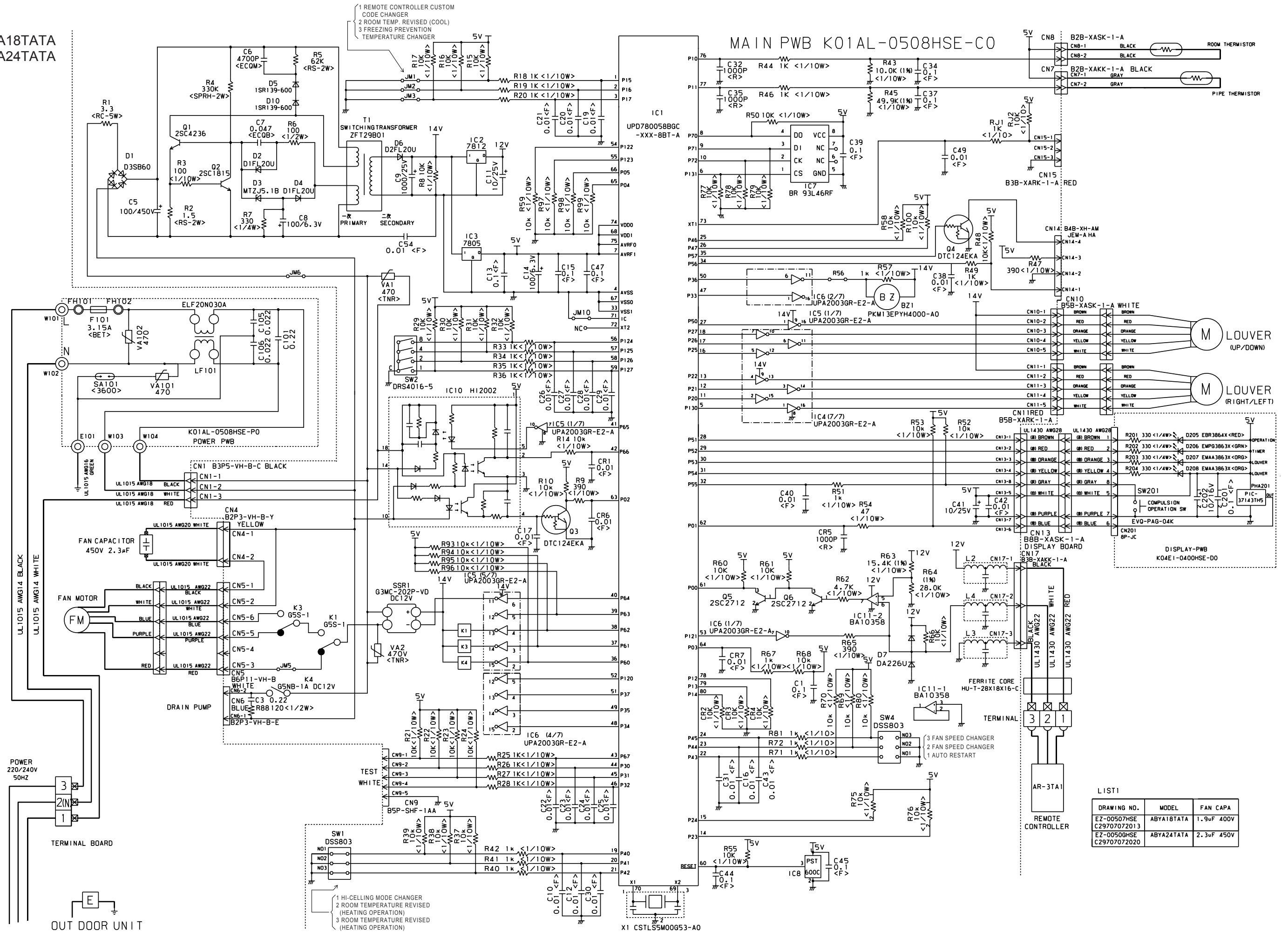
MODEL : AUXA18TATA



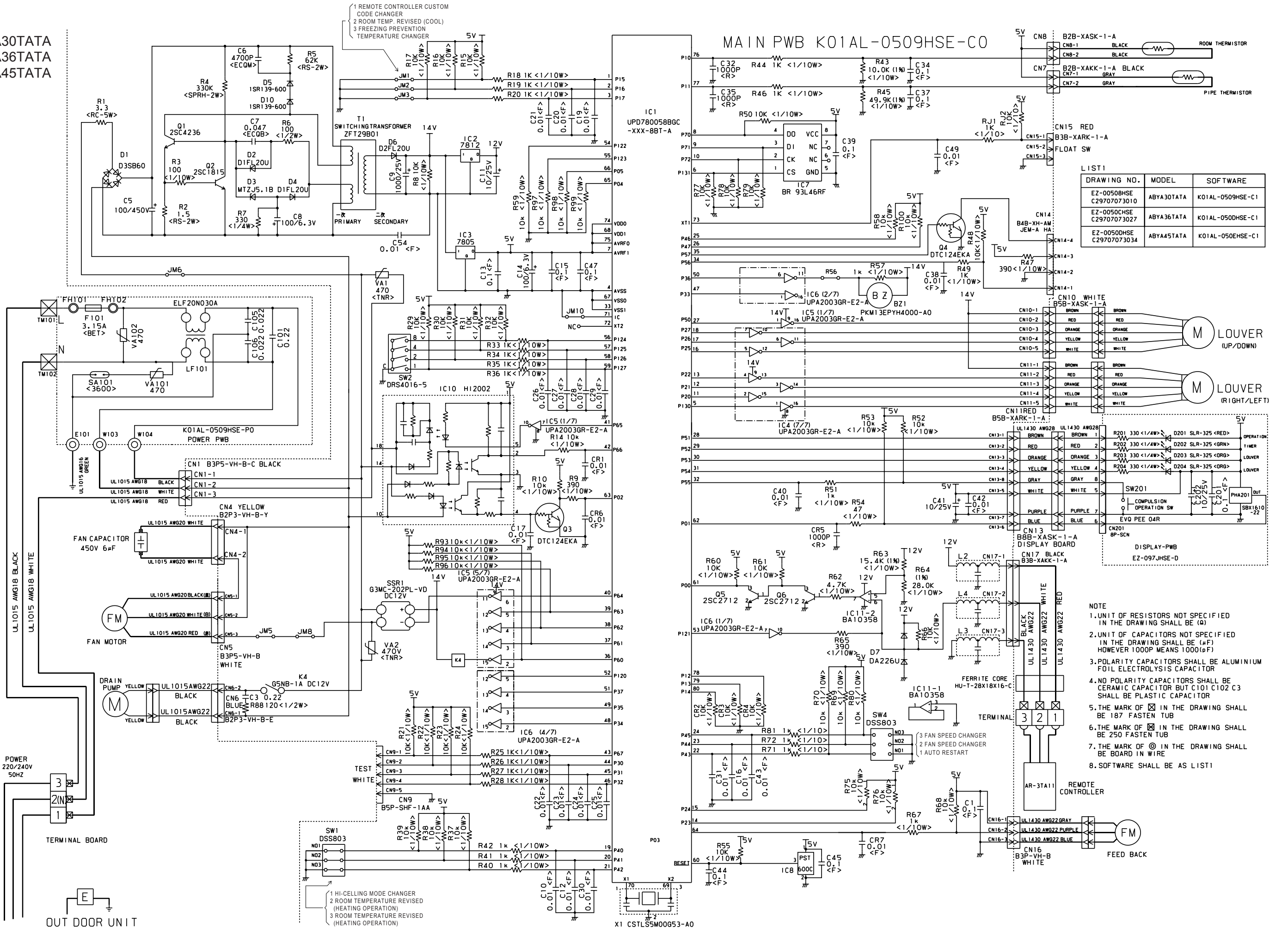
MODEL : AU*A25TATA
AU*A30TATA
AU*A36TATA
AU*A45TATA



MODEL : AB*A18TATA
AB*A24TATA

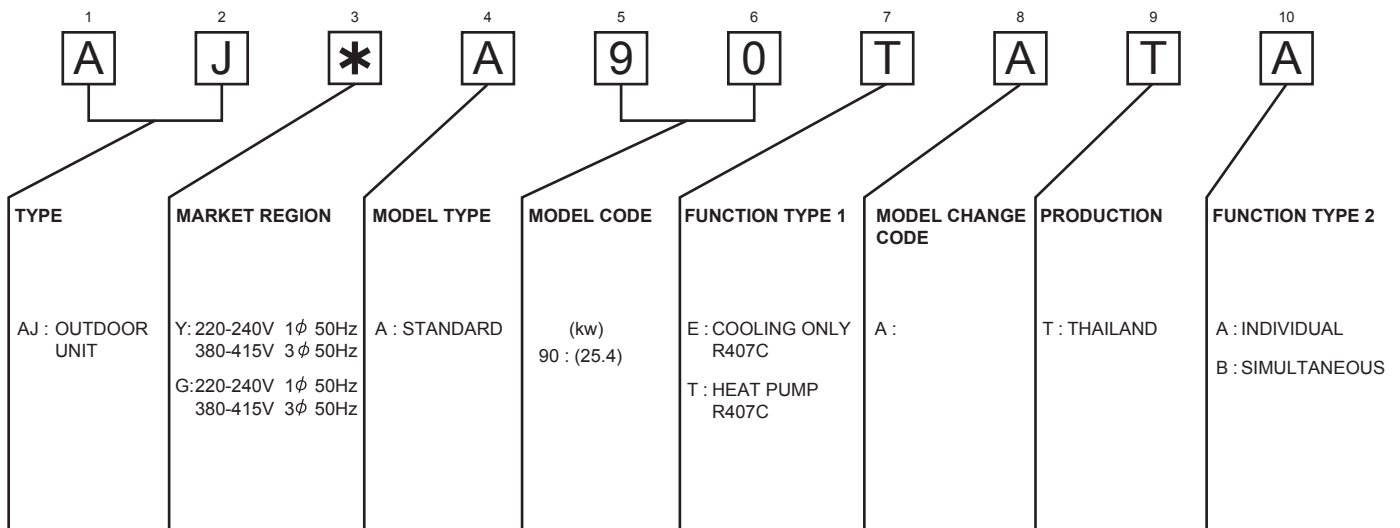


MODEL : AB*A30TATA
AB*A36TATA
AB*A45TATA

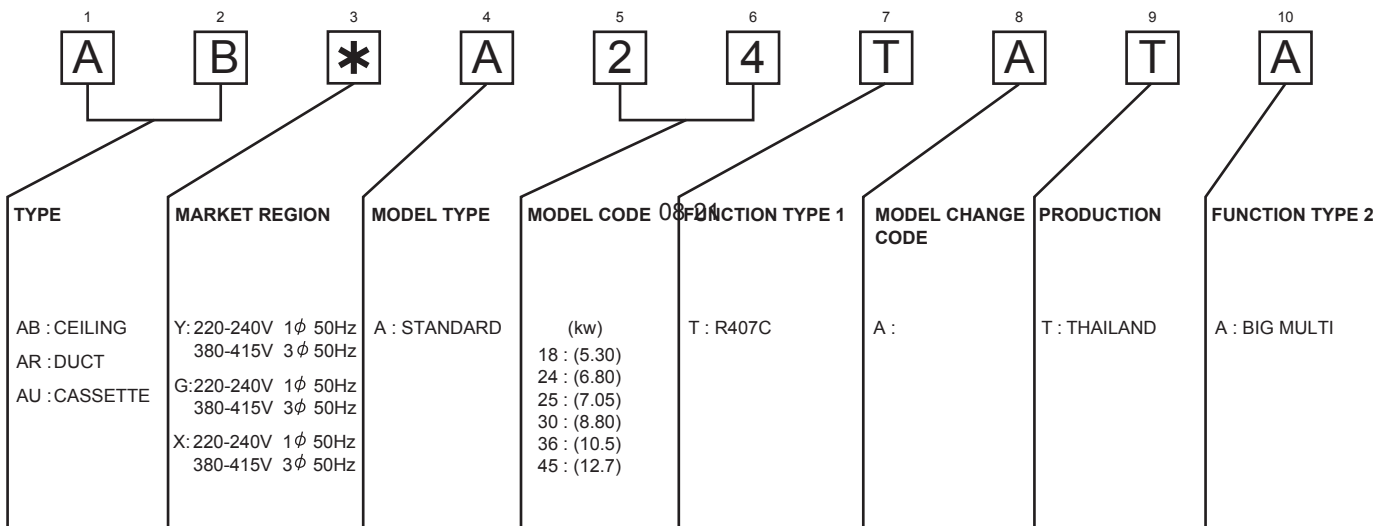


8-5 MODEL DESIGNATION

■ OUTDOOR UNIT



■ INDOOR UNIT



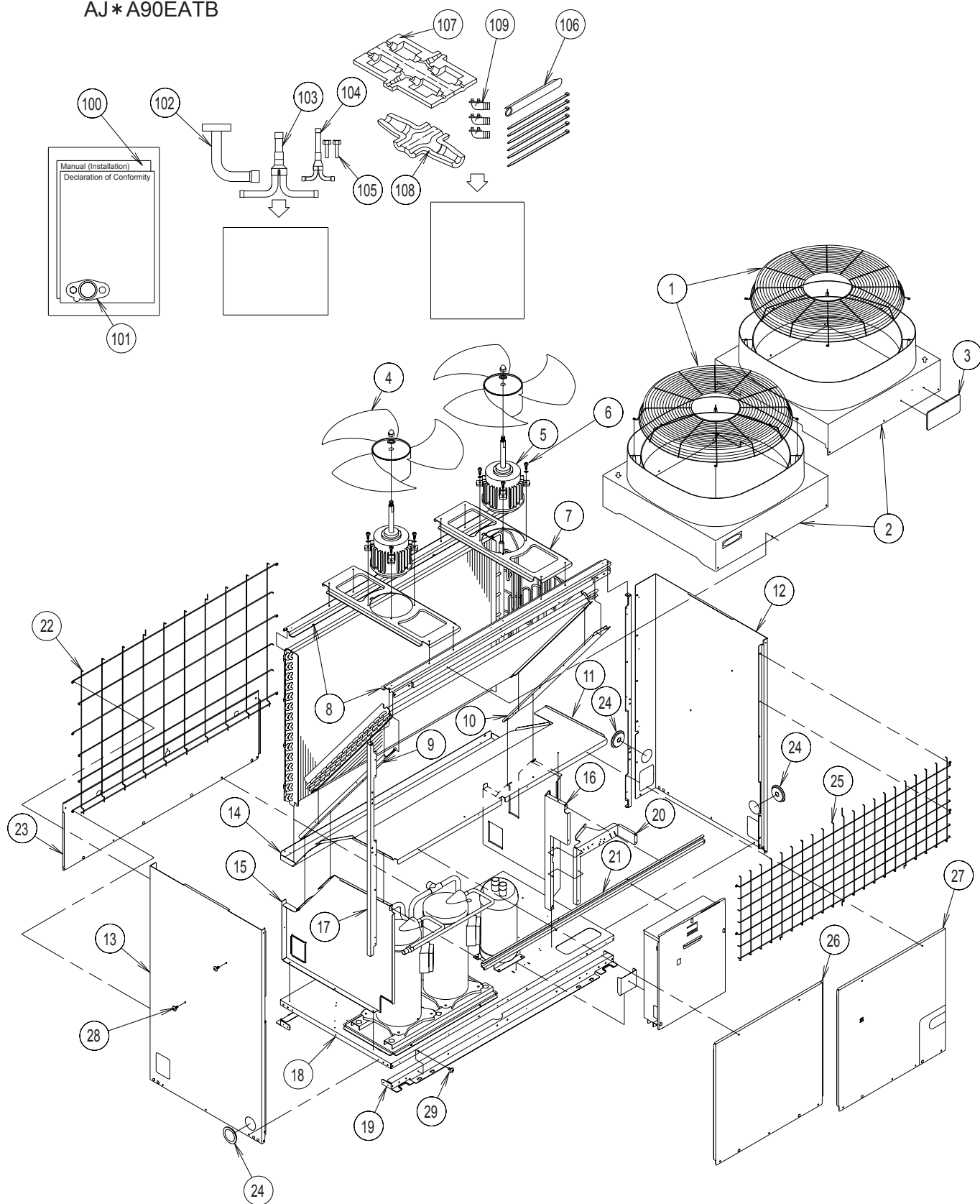
9.DISASSEMBLY ILLUSTRATION & PARTS LIST

9. DISASSEMBLY ILLUSTRATION & PARTS LIST

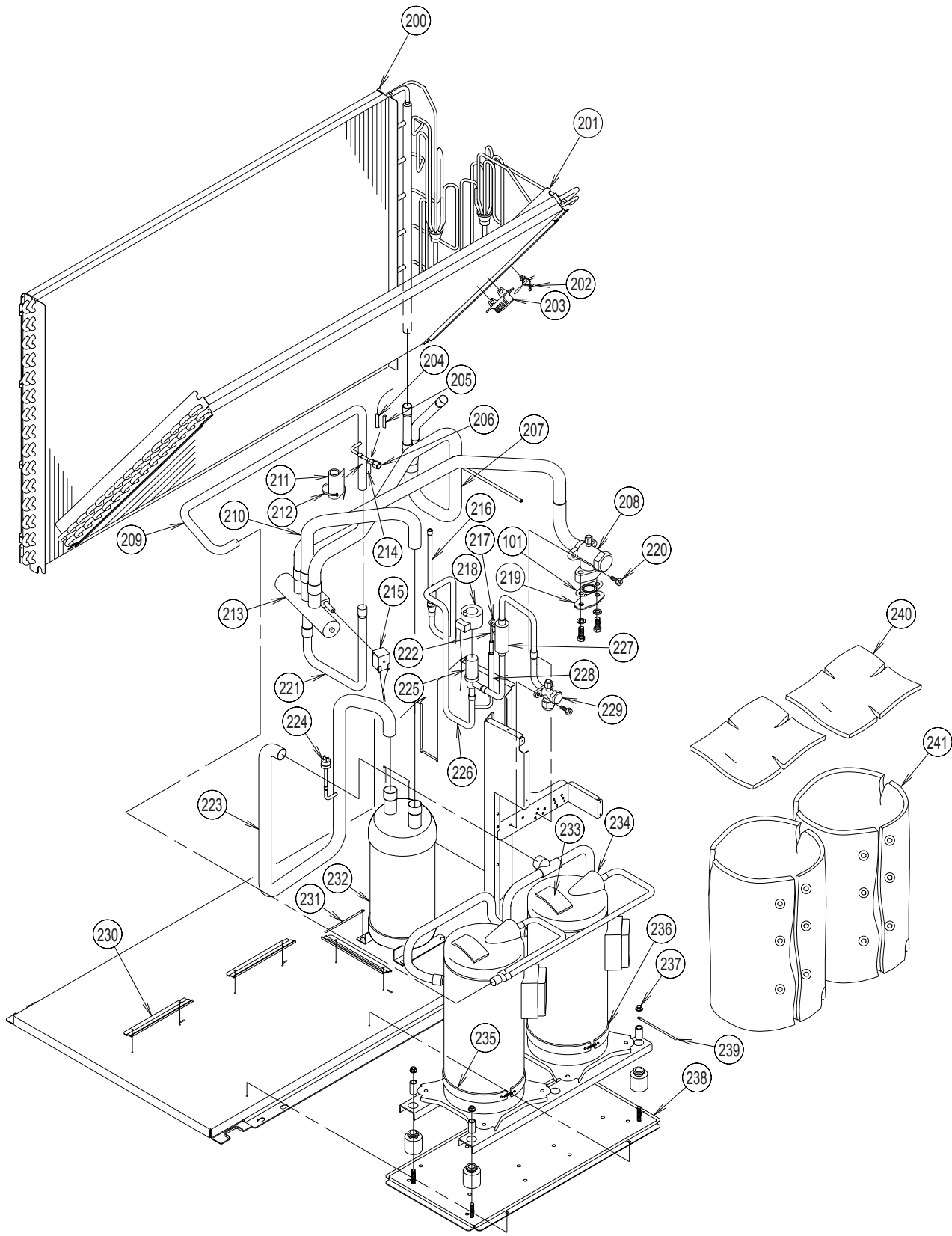
9-1 OUTDOOR UNIT

9-1-1 SIMULTANEOUS OPERATION

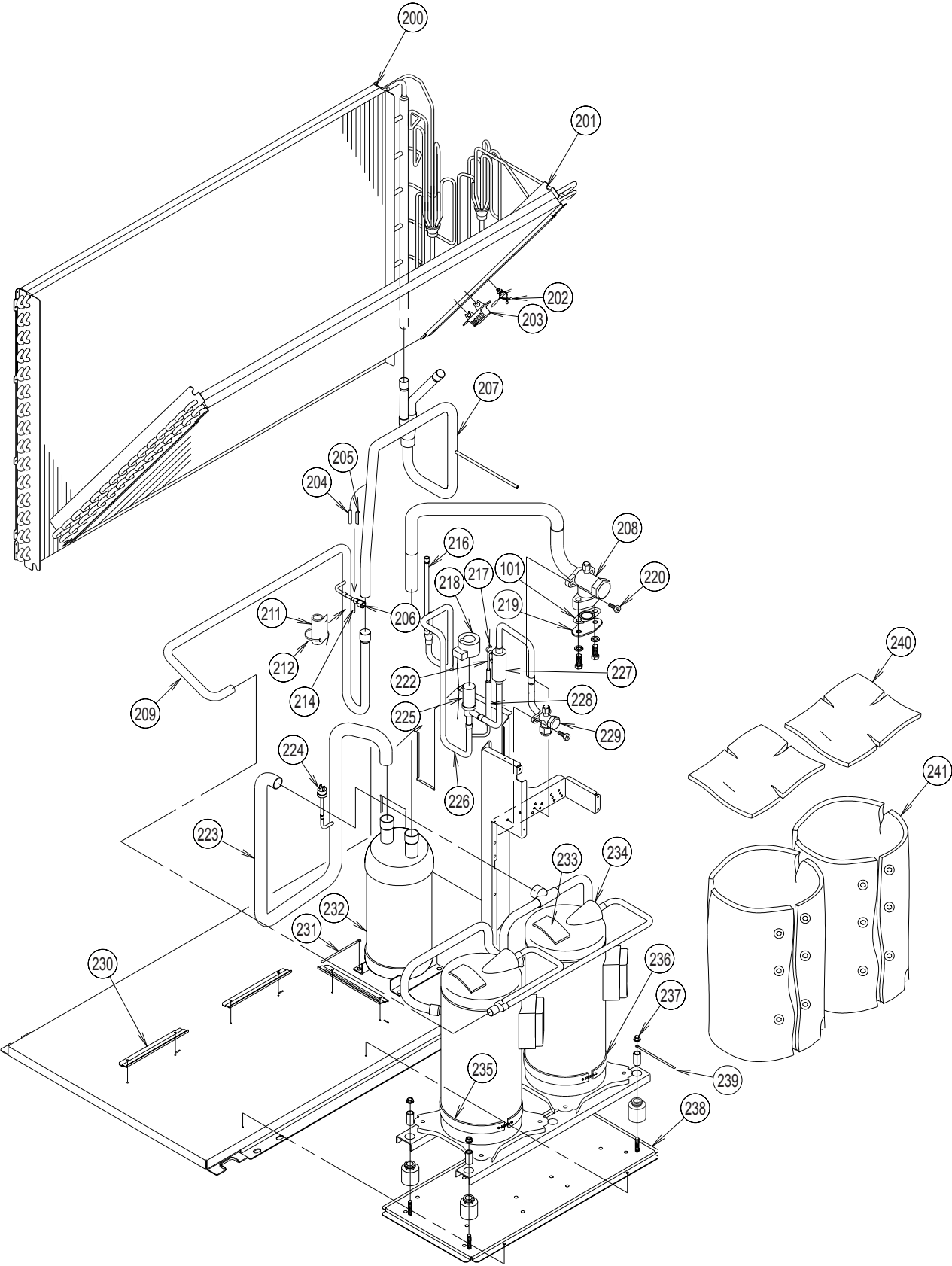
MODEL : AJ*A90TATB
AJ*A90EATB



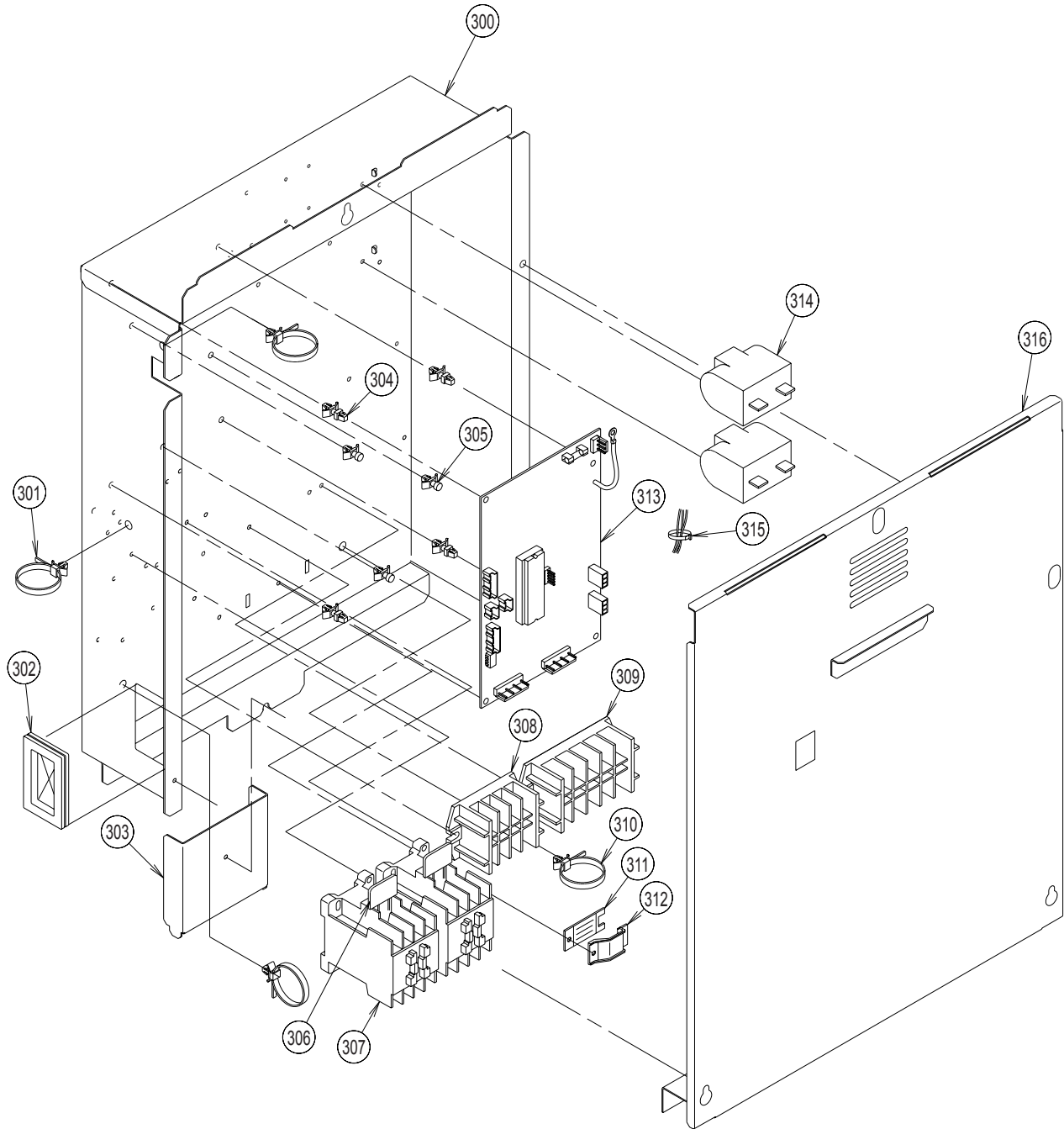
MODEL : AJ*A90TATB



MODEL : AJ*A90EATB



MODEL : AJ*A90TATB
AJ*A90EATB



PARTS LIST

OUTDOOR UNIT

Ref No.	Description	Parts No.		Q'ty	Ref No.	Description	Parts No.		Q'ty
		AJ * A90TATB	AJ * A90EATB				AJ * A90TATB	AJ * A90EATB	
1	FAN COVER	9366142010	9366142010		215	SOLENOID COIL	9703342011	-	
2	BELL, MOUTH	9361721005	9361721005		216	CONDENSING PIPE-M	9374740017	9374740017	
3	EMBLEM-REAR	9371388014	9371388014		217	CLAMP SKB-100	313361275805	313361275805	
4	PROPELLER FAN	9361726000	9361726000		218	COIL(EXPANSION VALVE	9361930001	9361930001	
5	FAN MOTOR ASSY-OUTER	9601698012	9601698012		219	VALVE PLATE	9363063004	9363063004	
6	CUPSCREW J636	9385089037	9385089037		220	BOLT HEX. SOCKET	0700145148	0700145148	
7	BRACKET PANEL(MOTOR)	9361703001	9361703001		221	DISCHARGE PIPE-B	9361882003	-	
8	BRACKET(MOTOR)	9361701007	9361701007		222	CAPILLARY TUBE	9363057003	9363057003	
9	BRACKET(CONDENSER)-L	9361698000	9361698000		223	SUCTION PIPE-A ASSY	9361877009	9361877009	
10	BRACKET(CONDENSER)-R	9361699007	9361699007		224	PRESSURE SWITCH	9703269004	9703269004	
11	SEPARATE WALL-UPPER	9361693005	9361693005		225	EXPANSION VALVE	9361929005	9361929005	
12	SIDE PANEL-R, PAINTED	9361706026	9361706026		226	CHECK VALVE ASSY	9363058000	9363058000	
13	SIDE PANEL-L, PAINTED	9361705029	9361705029		227	STRAINER	9361931008	9361931008	
14	DRAIN PAN	9361700000	9361700000		228	CHECK VALVE	9363020000	9363020000	
15	SEPARATE WALL-L	9361695009	9361695009		229	3-WAY VALVE ASSY(GAS)	9374762019	9374762019	
16	SEPARATE WALL-R	9361696006	9361696006		230	BRACKET(COMPRESSOR)	9361694002	9361694002	
17	REINFORCEMENT(SIDE PANEL)	9361704008	9361704008		231	WIRE CLAMP METAL	313483219905	313483219905	
18	BASE ASSY	9372336021	9372336021		232	ACCUMULATOR	9371828015	9371828015	
19	BASE FOOT,	9361688025	9361688025		233	NOISE INSULATION-D	313712304109	313712304109	
20	BRACKET(VALVE)A	9374929016	9374929016		234	COMPRESSOR, ASSY	9367378005	9367378005	
21	REINFORCEMENT(SEPARATE WALL)	9361697003	9361697003		235	BELT HEATER-A	9361140042	9361140042	
22	CONDENSER GUARD	9366143017	9366143017		236	BELT HEATER-B	9361140059	9361140059	
23	REAR PANEL, PAINTED	9361712027	9361712027		237	SPECIAL NUT M8	313252257701	313252257701	
24	BUSHING	9361725003	9361725003		238	BRACKET PANEL(COMP.)	9361691018	9361691018	
25	FRONT PROTECTION NET	9366144014	9366144014		239	WIRE CLAMP METAL	313584219902	313584219902	
26	FRONT PANEL-L	9361709027	9361709027		240	COMPRESSOR COVER-B	9361936003	9361936003	
27	FRONT PANEL-R	9361710047	9361710047		241	COMPRESSOR COVER-A	9361935006	9361935006	
28	SCREW, PAINTED	9302348001	9302348001		300	CONTROL BOX	9361713000	9361713000	
29	SCREW, PAINTED	9305648009	9305648009		301	CLAMP NO.1763	313816345304	313816345304	
101	GASKET	9363272000	9363272000		302	RUBBER BUSHING	313005066051	313005066051	
200	CONDENSER B ASSY	9370621013	9370621013		303	BRACKET(CONTROL BOX)	9361727007	9361727007	
201	CONDENSER A ASSY	9370620016	9370620016		304	LOCKING SPACER	0600035020	0600035020	
202	CLAMP NO.1219	313361271706	313361271706		305	LOCKING SPACER	0600118051	0600118051	
203	BRACKET(THERMISTOR)	313557406106	313557406106		306	NETWORK (C-R)	9700987017	9700987017	
204	THERMISTOR ASSEMBLY	9900125011	9900125011		307	MAGNETIC RELAY	9900227012	9900227012	
205	THERMO. SPRING-A	313728262708	313728262708		308	TERMINAL 4P	9363276015	9363276015	
206	CHECK JOINT ASSY	9363886009	9363886009		309	TERMINAL 5P	9363275018	9363275018	
207	JOINT PIPE ASSY	9361886001	9362922005		310	CLAMP(CABLE) NO.1259	313739340109	313739340109	
208	3-WAY VALVE ASSY(LIQUID)	9373989028	9373989028		311	CORD CLAMP-B	9356858006	9356858006	
209	DISCHARGE PIPE A	9367217007	9367219001		312	CORD CLAMP	9356857009	9356857009	
210	SUCTION PIPE-B	9361894006	-		313	CONTROLLER PCB ASSY	9704764263	9704764263	
211	PIPE COVER	9363470000	9363470000		314	CAPACITOR(FAN MOTOR)	9703306037	9703306037	
212	CLAMP SKB-3M	312300787605	312300787605		315	CLAMP SKB-150	313035356905	313035356905	
213	4-WAY VALVE	9703270000	-		316	CONTROL BOX COVER	9361716001	9361716001	
214	THERM. HOLDER PIPE	313714262805	313714262805						

ACCESSORIES

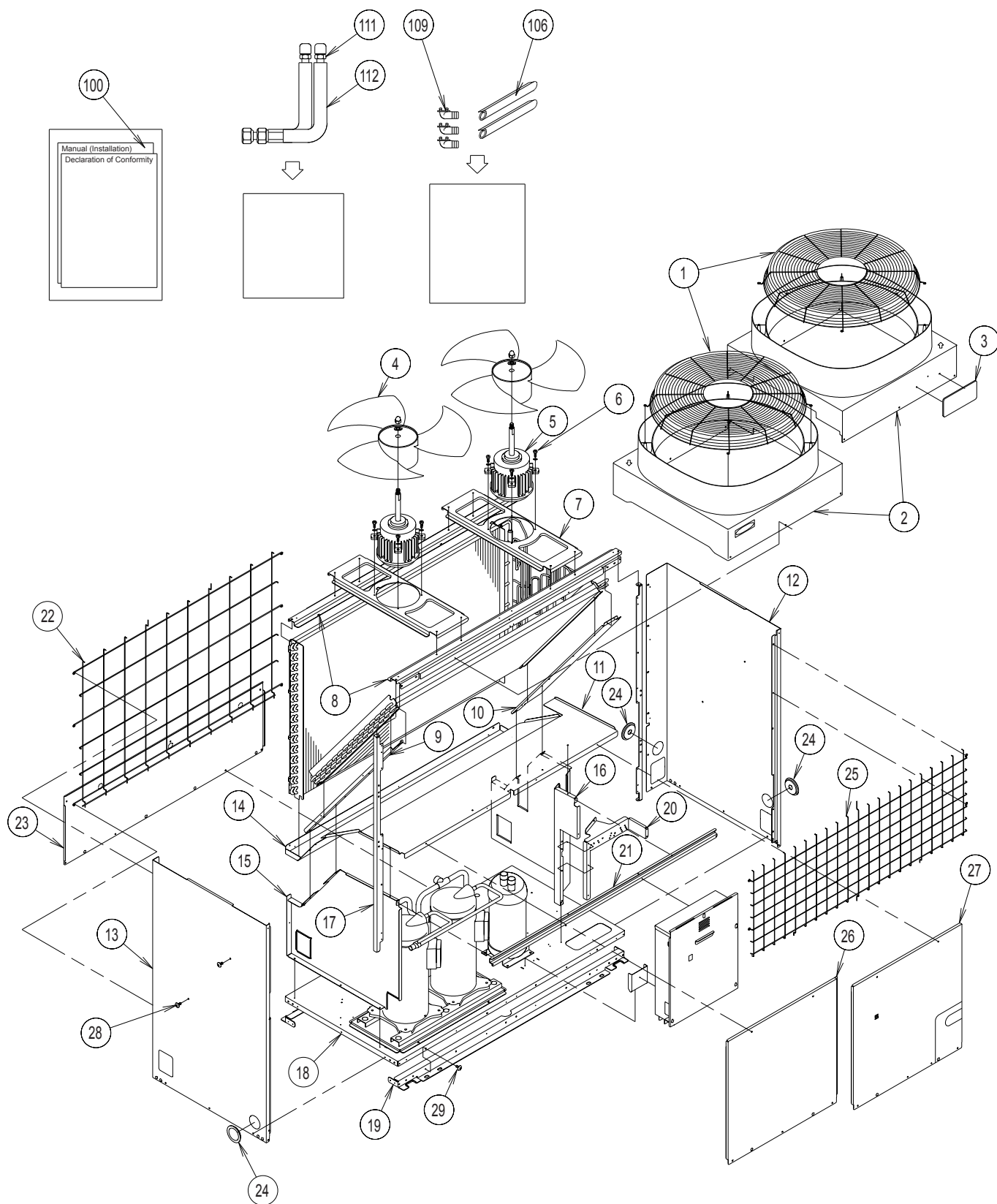
100	INSTALLATION MANUAL	9363769029	9363769029	
101	GASKET	9363272000	9363272000	
102	FLANGE ASSY	9374706013	9374706013	
103	BRANCH GAS PIPE	9362047005	9362047005	
104	BRANCH LIQUID PIPE	9362046008	9362046008	
105	BOLT	0700145100	0700145100	
106	INSULATION(PIPE)-C	9363828009	9363828009	
107	INS(BRANCH LIQUID PIPE)	9363206005	9363206005	
108	INS(BRANCH GAS PIPE)	9363204001	9363204001	
109	DRAIN PIPE	9301102000	9301102000	

PCB INTERNAL PARTS

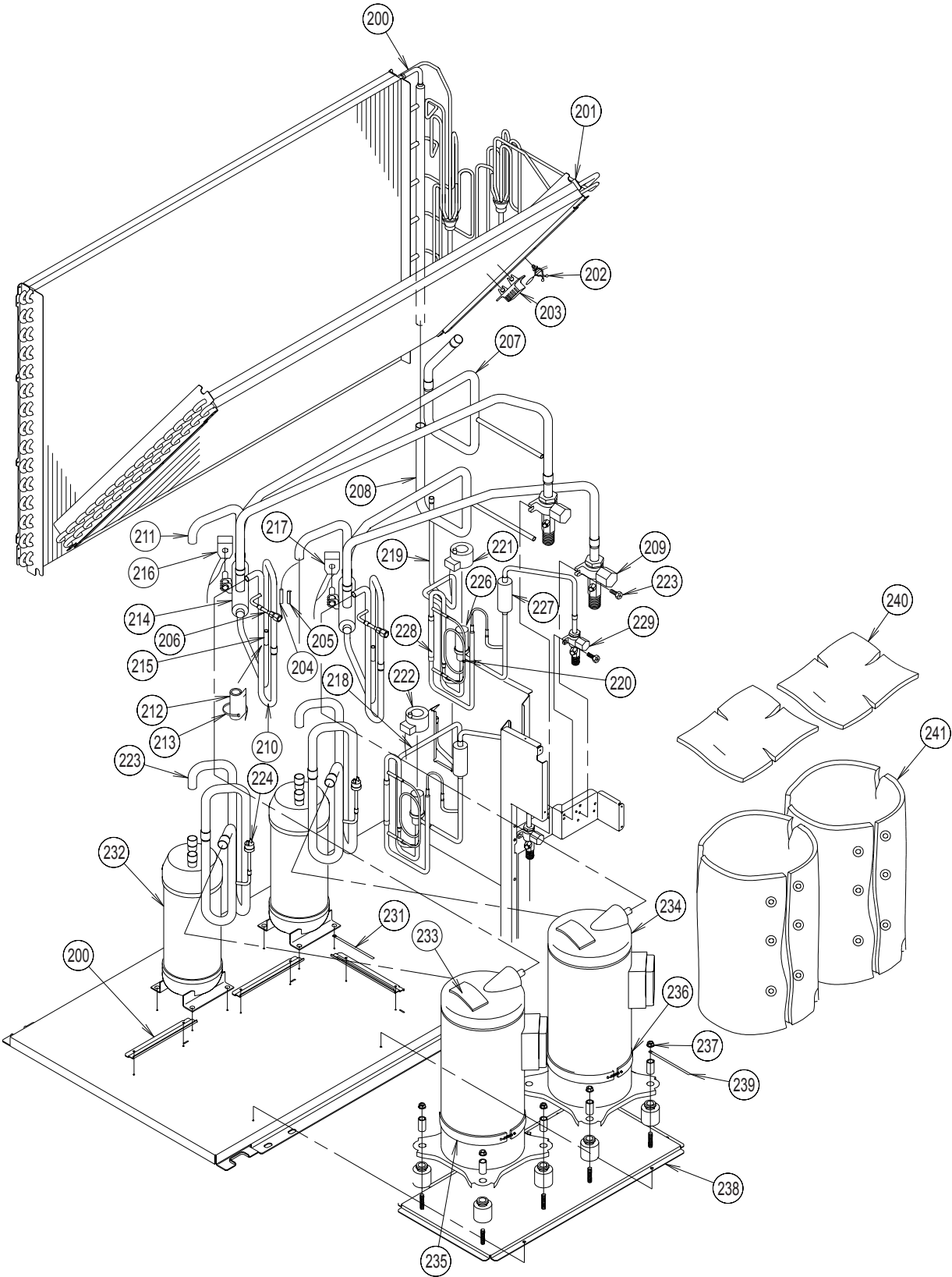
FH1-FH2	FUSE HOLDER PFC5000-0502	0500158072	
F1	FUSE BET 6.3A-250V	0600222574	
K1,K3,K5,K7,K10,K11	RELAY FTR-F3AA012E	9703887017	
K2,K4	RELAY G5SB-14	9900200015	

9-1-2 INDIVIDUAL OPERATION

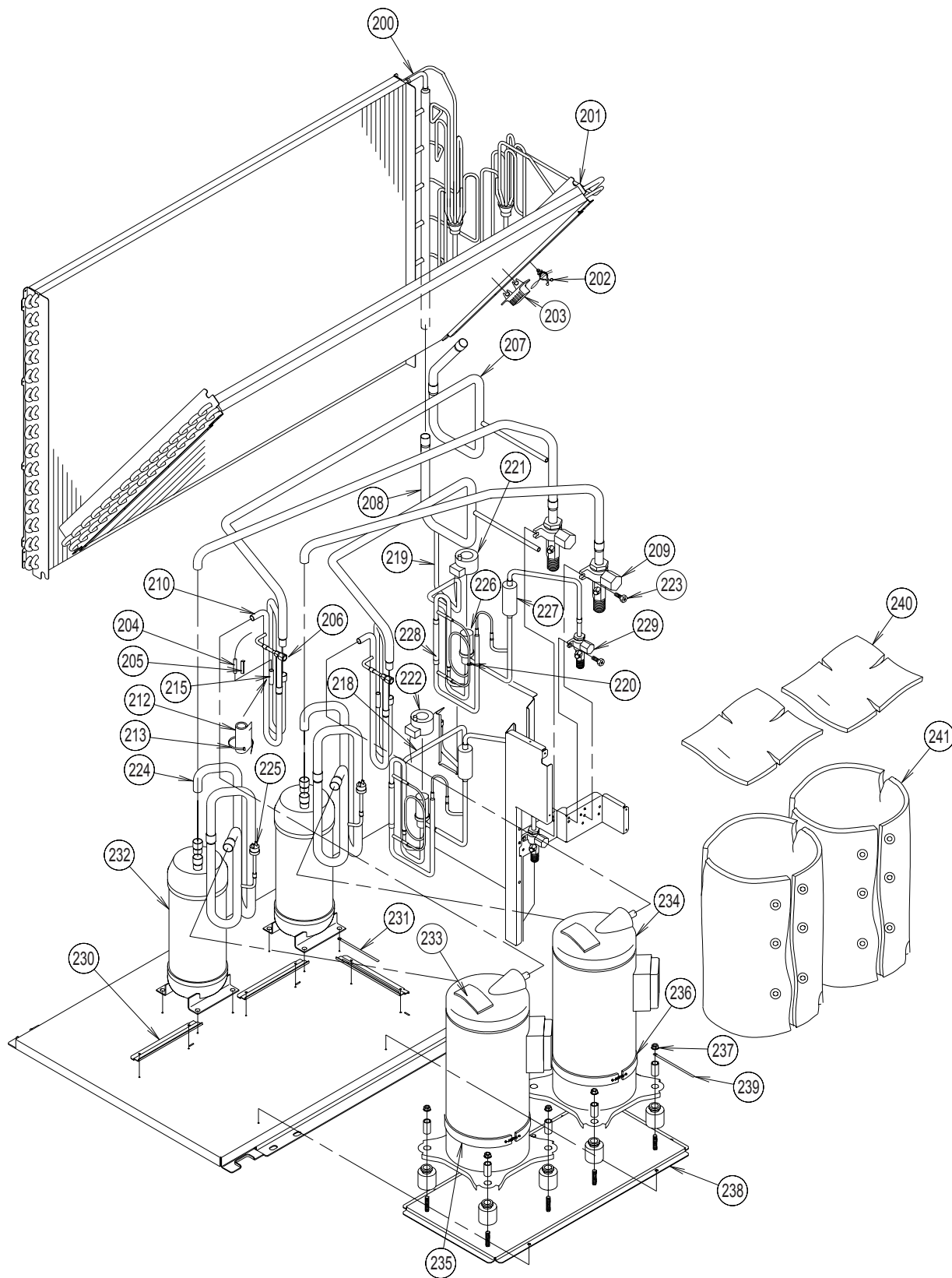
MODEL : AJ*A90TATA
AJ*A90EATA



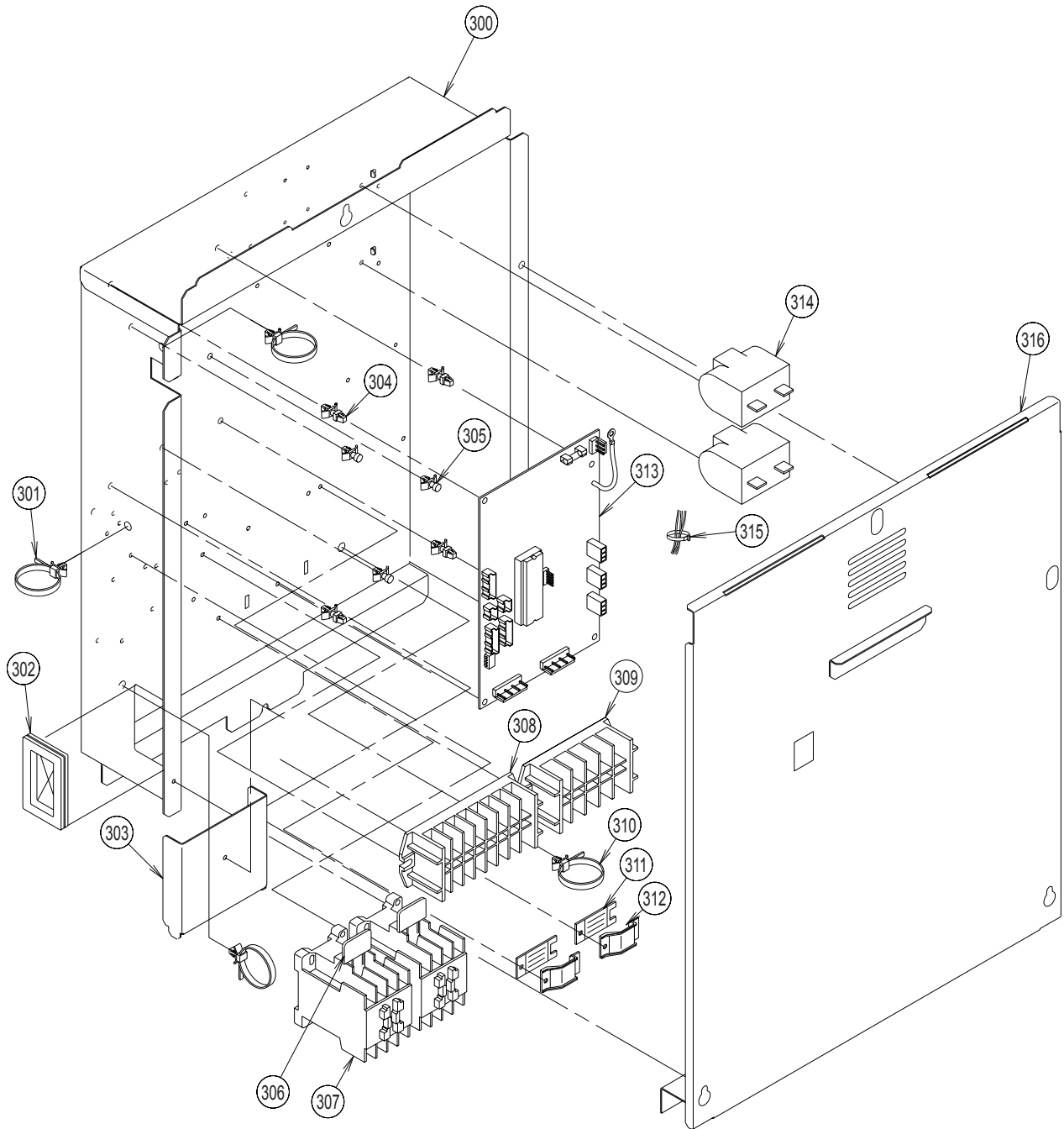
MODEL : AJ*A90TATA



MODEL : AJ*A90EATA



MODEL : AJ*A90TATA
AJ*A90EATA



PARTS LIST

OUTDOOR UNIT

Ref No.	Description	Parts No.		Q'ty	Ref No.	Description	Parts No.		Q'ty
		AJ*A90TATA	AJ*A90EATA				AJ*A90TATA	AJ*A90EATA	
1	FAN COVER	9366142010	9366142010		216	SOLENOID, SQ -492	9970034015	-	
2	BELL,MOUTH	9361721005	9361721005		217	SOLENOID, SQ -491	9970034022	-	
3	EMBLEM-REAR	9371388014	9371388014		218	CONDENSING PIPE -M	9374741021	9374741021	
4	PROPELLER FAN	9361726000	9361726000		219	CONDENSING PIPE -N	9374741038	9374741038	
5	FAN MOTOR ASSY-OUTER	9601698012	9601698012		220	CLAMP SKB -100	313361275805	313361275805	
6	CUPSCREW J636	9385089037	9385089037		221	EXPANSION VALVE COIL	9363291001	9363291001	
7	BRACKET PANEL(MOTOR)	9361703001	9361703001		222	EXPANSION VALVE COIL	9363290004	9363290004	
8	BRACKET(MOTOR)	9361701007	9361701007		223	BOLT, HEX. SOCKET	0700145148	0700145148	
9	BRACKET(CONDENSER)-L	9361698000	9361698000		224	SUCTION PIPE -A ASSY	9361944008	9361944008	
10	BRACKET(CONDENSER)-R	9361699007	9361699007		225	PRESSURE SWITCH	9703269004	9703269004	
11	SEPARATE WALL-UPPER	9361693005	9361693005		226	EXPANSION VALVE	9363294002	9363294002	
12	SIDE PANEL-R,PAINTED	9361706026	9361706026		227	STRAINER	9363293005	9363293005	
13	SIDE PANEL-L,PAINTED	9361705029	9361705029		228	CHECK VALVE	9353020000	9353020000	
14	DRAIN PAN	9361700000	9361700000		229	BALL VALVE A ASSY	9372478011	9372478011	
15	SEPARATE WALL-L	9361695009	9361695009		230	BRACKET(COMPRESSOR)	9361694002	9361694002	
16	SEPARATE WALL-R	9361696006	9361696006		231	WIRE CLAMP METAL	313483219905	313483219905	
17	REINFORCEMENT(SIDE PANEL)	9361704008	9361704008		232	ACCUMULATOR	9371812014	9371812014	
18	BASE ASSY	9372336021	9372336021		233	NOISE INSULATION-D	313712304109	313712304109	
19	BASE FOOT,	9361688025	9361688025		234	COMPRESSOR,ASSY	9367376001	9367376001	
20	BRACKET(VALVE)-B	9361707009	9361707009		235	BELT HEATER-A	9361140042	9361140042	
21	REINFORCEMENT(SEPARATE WALL)	9361697003	9361697003		236	BELT HEATER-B	9361140059	9361140059	
22	CONDENSER GUARD	9366143017	9366143017		237	SPECIAL NUT M8	313252257701	313252257701	
23	REAR PANEL,PAINTED	9361712027	9361712027		238	BRACKET PANEL(COMP.)	9361691025	9361691025	
24	BUSHING	9361725003	9361725003		239	WIRE CLAMP METAL	313584219902	313584219902	
25	FRONT PROTECTION NET	9366144014	9366144014		240	COMPRESSOR COVER-B	9361936003	9361936003	
26	FRONT PANEL-L	9361709027	9361709027		241	COMPRESSOR COVER-A	9361935006	9361935006	
27	FRONT PANEL-R	9361710047	9361710047		300	CONTROL BOX	9361713000	9361713000	
28	SCREW, PAINTED	9302348001	9302348001		301	CLAMP NO.1763	313816345304	313816345304	
29	SCREW, PAINTED	9305648009	9305648009		302	RUBBER BUSHING	313005066051	313005066051	
200	CONDENSER B ASSY	9370621013	9370621013		303	BRACKET(CONTROL BOX)	9361727007	9361727007	
201	CONDENSER A ASSY	9370620016	9370620016		304	LOCKING SPACER	0600035020	0600035020	
202	CLAMP NO.1219	313361271706	313361271706		305	LOCKING SPACER	0600118051	0600118051	
203	BRACKET(THERMISTOR)	313557406106	313557406106		306	NETWORK (C-R)	9700987017	9700987017	
204	THERMISTOR ASSEMBLY	9900124014	9900124014		307	MAGNETIC RELAY	9900227012	9900227012	
205	THERMO. SPRING-A	313728262708	313728262708		308	TERMINAL 8P	9363276022	9363276022	
206	CHECK JOINT ASSY	9363886009	9363886009		309	TERMINAL 5P	9363275018	9363275018	
207	JOINT PIPE -A ASSY	9361948006	9362991001		310	CLAMP(CABLE) NO.1259	313739340109	313739340109	
208	JOINT PIPE -B ASSY	9361969001	9362993005		311	CORD CLAMP-B	9356858006	9356858006	
209	BALL VALVE B ASSY	9372478035	9372478035		312	CORD CLAMP	9356857009	9356857009	
210	DISCHARGE PIPE ASSY	9372169018	9372169025		313	CONTROLLER PCB ASSY	9704764270	9704764294	
211	SUCTION PIPE -B	9361967007	-		314	CAPACITOR(FAN MOTOR)	9703306037	9703306037	
212	PIPE COVER	9363470000	9363470000		315	CLAMP SKB-150	313035356905	313035356905	
213	CLAMP SKB -3M	312300787605	312300787605		316	CONTROL BOX COVER	9361716001	9361716001	
214	4 -WAY VALVE	9970035012	-						
215	THERM. HOLDER PIPE	313714262805	313714262805						

ACCESSORIES

100	INSTALLATION MANUAL	9363815023	9363815023	
106	INSULATION(PIPE) -C	313005074759	313005074759	
109	DRAIN PIPE	9301102000	9301102000	
111	HALF UNION -B	9352768002	9352768002	
112	AUXILIARY PIPE ASSY	9363891003	9363891003	

PCB INTERNAL PARTS

FH1-FH2	FUSE HOLDER PFC5000-0502	0500158072	
F1	FUSE BET 6.3A-250V	0600222574	
K1,K3,K5,K6,K7,K10,K11	RELAY FTR-F3AA012E	9703887017	
K2,K4	RELAY G5SB-14	9900200015	

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