

TOSHIBA

FILE NO.SVM-04015

SERVICE MANUAL

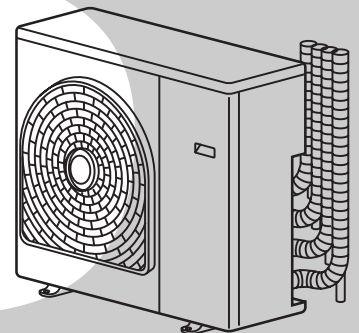
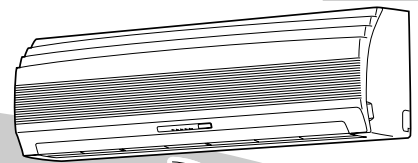
AIR-CONDITIONER

SPLIT TYPE

***RAS-M10UKV-E3, RAS-M13UKV-E3, RAS-M16UKV-E3
RAS-4M27YAV-E***

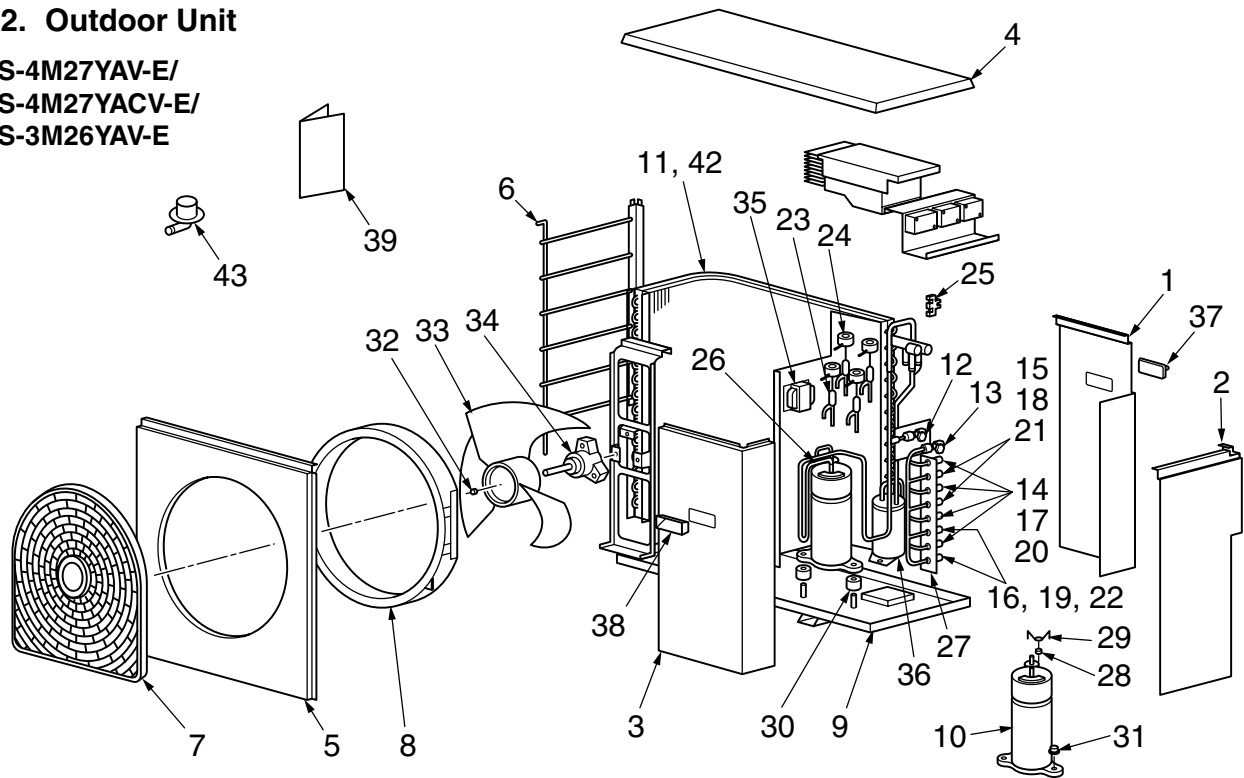
***RAS-M10UKCV-E3, RAS-M13UKCV-E3, RAS-M16UKCV-E3
RAS-4M27YACV-E***

***RAS-M10UKV-E3, RAS-M13UKV-E3, RAS-M16UKV-E3
RAS-3M26YAV-E***



12.2. Outdoor Unit

RAS-4M27YAV-E/
RAS-4M27YACV-E/
RAS-3M26YAV-E

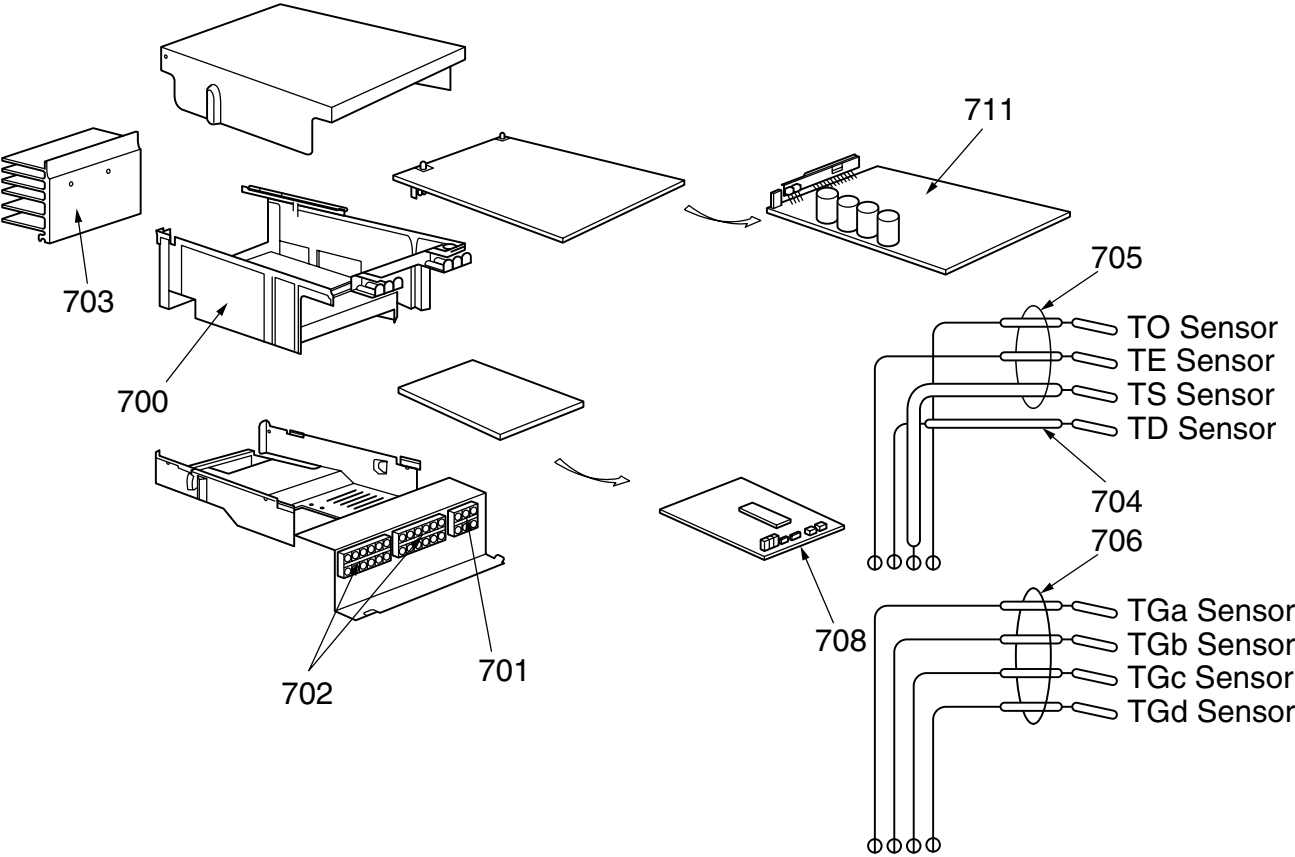


Location No.	Part No.	Description
1	43005481	Cabinet, Back, Ass'y
2	43005490	Cabinet, Side, Ass'y
3	43005480	Cabinet, Front, Ass'y
4	43005491	Panel, Upper
5	43050406	Cabinet, Air Outlet
6	43005489	Guard, Fin
7	43191630	Guard, Fan
8	43122065	Bell Mouth, Plastic
9	43005482	Base Ass'y
10	43041772	Compressor Ass'y DA220A2F-20L
11	43043659	Condenser Ass'y (4M27YACV-E)
12	43046402	Valve, Packed, 9.52 DIA
13	43046403	Valve, Packed, 12.7 DIA
14	43047648	Socket, 6.35 DIA
15	43047647	Socket, 9.52 DIA
16	43047646	Socket, 12.7 DIA
17	43147196	Bonnet, 1/4 IN, 6.4 CU
18	43047401	Bonnet, 3/8 IN, 9.52 CU
19	43147195	Bonnet, 1/2 IN
20	43047545	Nut, Flare, 1/4 IN
21	43047546	Nut, Flare 3/8 IN
22	43194038	Nut, Flare 1/2 IN

Location No.	Part No.	Description
23	43046385	Valve, Pulse, Modulating, SKV-18D26
24	43046404	Coil, PMV, DKV-MOZS770B0
25	43049740	Holder, Sensor
26	43019822	Holder, Sensor, SUS
27	43019904	Holder, Sensor, SUS
28	43050298	Thermostat, Bimetal, CS-7 125
29	43063195	Holder, Thermostat, Bimetal
30	43049739	Cushion, Rubber
31	43097204	Nut
32	43197156	Nut, Flange
33	43120198	Fan, Propeller, PB493
34	43121677	Motor, Fan, DC, ICF-140-60-1
35	43058266	Reactor, CH-47-Z-K
36	43048066	Accumulator Ass'y
37	4301V021	Hanger
38	43119390	Hanger
39	4308N369	Manual
40	43046344	Valve, 4-Way, CHV-0213
41	43046348	Coil, Solenoid, VHV-01AI501A1
42	43043663	Condensor Ass'y
43	43032441	Nipple, Drain

No. 24 Coil, P.M.V : For standardization of the servicing parts, one type only is provided.
Therefore, color of the connector may be different in replacement work.

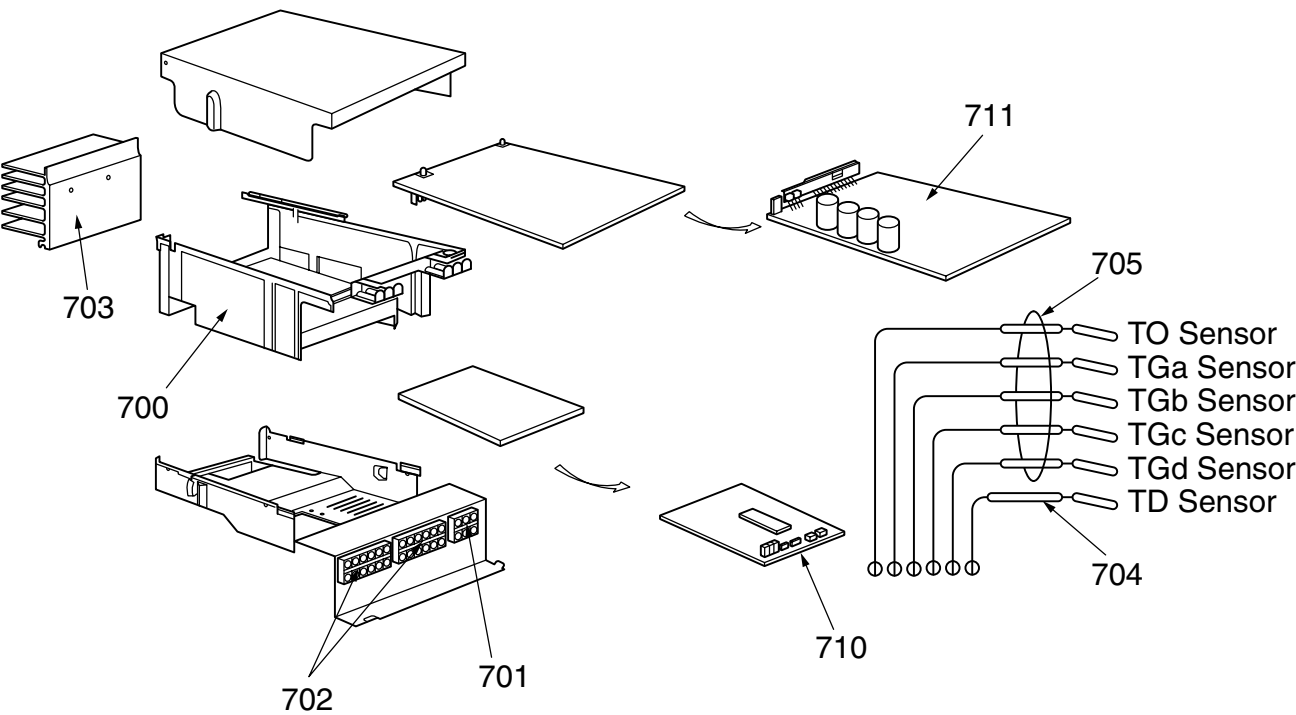
12.3. P.C. Board Layout
RAS-4M27YAV-E



Location No.	Part No.	Description
700	43162042	Base, P.C. Board, ABS
701	4306A060	Terminal Block, 3P
702	43160469	Terminal Block, 6P AC 250V, 20A
703	43063318	Heatsink
704	43050334	Sensor, TD (F4)

Location No.	Part No.	Description
705	43050382	Sensor, TC (F6)
706	43050398	Sensor, TG (F4)
708	4306S267	P.C. Board Ass'y, MCC-818 (4M27YAV-E)
711	4306V009	P.C. Board Ass'y, IPDU MCC-1359

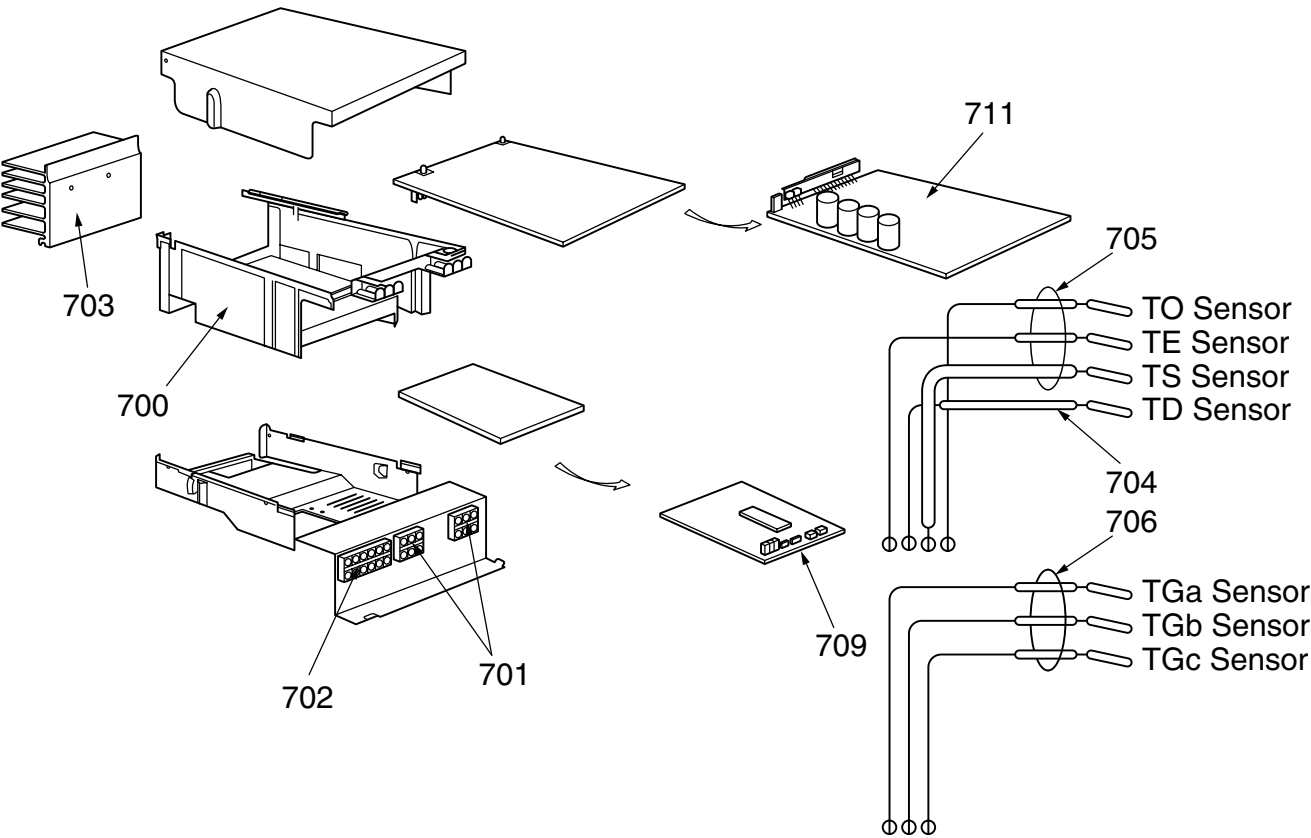
RAS-4M27YACV-E



Location No.	Part No.	Description
700	43162042	Base, P.C. Board, ABS
701	4306A060	Terminal Block, 3P
702	43160469	Terminal Block, 6P AC 250V, 20A
703	43063318	Heatsink
704	43050334	Sensor, TD (F4)

Location No.	Part No.	Description
705	43050382	Sensor, TC (F6)
710	4306S269	P.C. Board Ass'y, MCC-818 (4M27YACV-E)
711	4306V009	P.C. Board Ass'y, IPDU MCC-1359

RAS-3M26YAV-E



Location No.	Part No.	Description
700	43162042	Base, P.C. Board, ABS
701	4306A060	Terminal Block, 3P
702	43160469	Terminal Block, 6P AC 250V, 20A
703	43063318	Heatsink
704	43050334	Sensor, TD (F4)

Location No.	Part No.	Description
705	43050382	Sensor, TC (F6)
706	43050398	Sensor, TG (F4)
709	4306S268	P.C. Board Ass'y, MCC-818 (3M26YAV-E)
711	4306V009	P.C. Board Ass'y, IPDU MCC-1359

T O S H I B A C A R R I E R (T H A I L A N D) C O . , L T D .

144 / 9 MOO 5, BANGKADI INDUSTRIAL PARK, TIVANON ROAD, TAMBOL BANGKADI,
AMPHUR MUANG, PATHUMTHANI 12000, THAILAND.