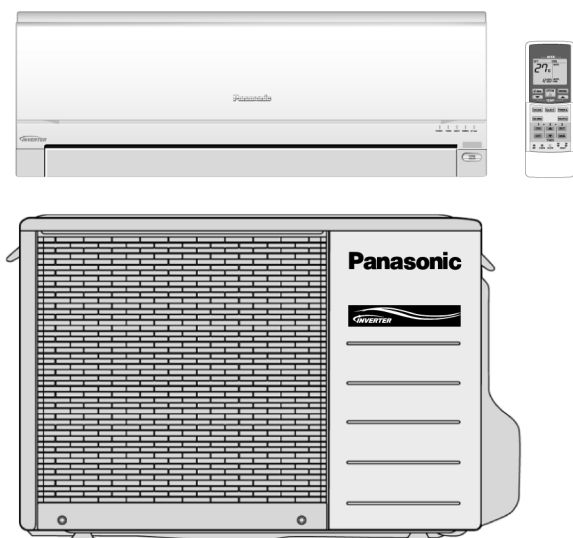


Service Manual

Air Conditioner

CS-E7GKR CU-E7GKR
CS-E9GKR CU-E9GKR
CS-E12GKR CU-E12GKR



⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

⚠ PRECAUTION OF LOW TEMPERATURE

In order to avoid frostbite, be assured of no refrigerant leakage during the installation or repairing of refrigeration circuit.

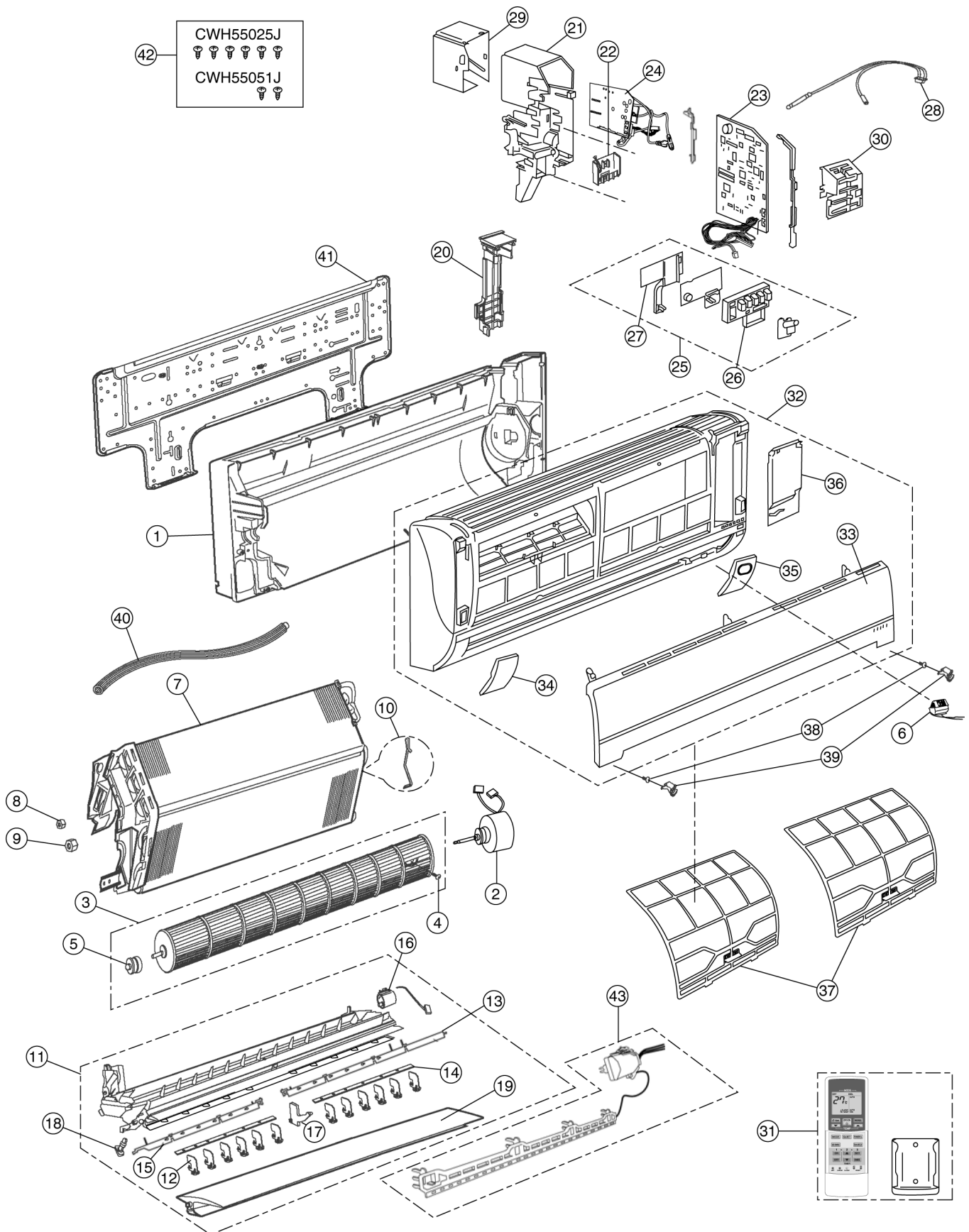
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17.1. Indoor Unit



Note

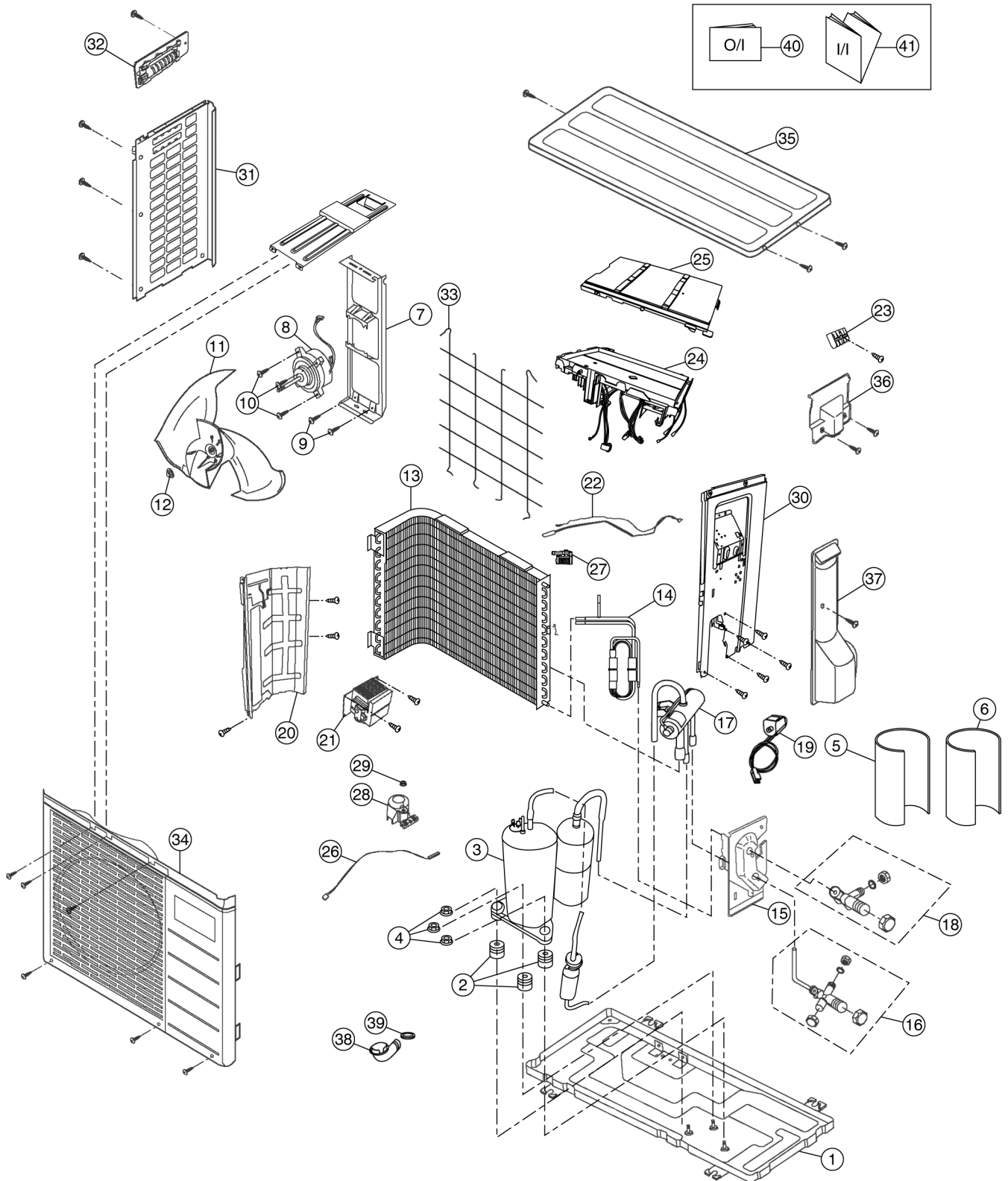
The above exploded view is for the purpose of parts disassembly and replacement.
The non-numbered parts are not kept as standard service parts.

REF. NO.	PART NAME & DESCRIPTION	QTY.	CS-E7GKR	CS-E9GKR	CS-E12GKR
1	CHASSY COMPLETE	1	CWD50C1513	←	←
2	FAN MOTOR, DC 30W 3PH	1	ARW61E8P30AC	←	←
3	CROSS-FLOW FAN COMPLETE	1	CWH02C1045	←	←
4	SCREW - CROSS FLOW FAN	1	CWH551146	←	←
5	BEARING ASSY	1	CWH64K007	←	←
6	ION - GENERATOR	1	CWH94C0014	←	←
7	EVAPORATOR	1	CWB30C2099	←	CWB30C2115
8	FLARE NUT (1/4)	1	CWT251030	←	←
9	FLARE NUT (3/8) (1/2)	1	CWT251031	←	CWT251032
10	INTAKE AIR SENSOR HOLDER	1	CWH32143	←	←
11	DISCHARGE GRILLE COMPLETE	1	CWE20C2627	←	←
12	VERTICAL VANE	12	CWE241157	←	←
13	CONNECTING BAR	1	CWE261092	←	←
14	CONNECTING BAR	2	CWE261071	←	←
15	CONNECTING BAR	1	CWE261091	←	←
16	A.S.MOTOR, DC SINGLE 12V 300 OHM	1	CWA981091	←	←
17	FULCRUM	1	CWH621049	←	←
18	CAP - DRAIN TRAY	1	CWH521096	←	←
19	HORIZONTAL VANE	1	CWE24C1183	←	←
20	BACK COVER CHASSIS	1	CWD932454	←	←
21	CONTROL BOARD CASING	1	CWH102321	←	←
22	TERMINAL BOARD COMPLETE	1	CWA28C2305	←	←
23	ELECTRONIC CONTROLLER - MAIN	1	CWA73C2830	CWA73C2831	CWA73C2832
24	ELECTRONIC CONTROLLER - POWER	1	CWA744567	←	←
25	INDICATOR COMPLETE	1	CWE39C1168	←	←
26	INDICATOR HOLDER	1	CWD932744	←	←
27	INDICATOR HOLDER	1	CWD932745	←	←
28	SENSOR COMPLETE	1	CWA50C2122	←	←
29	CONTROL BOARD COVER (TOP)	1	CWH131207	←	←
30	CONTROL BOARD COVER (FRONT)	1	CWH13C1171	←	←
31	REMOTE CONTROL COMPLETE	1	CWA75C3109	←	←
32	FRONT GRILLE COMPLETE	1	CWE11C3873	←	←
33	INTAKE GRILLE COMPLETE	1	CWE22C1344	←	←
34	DECORATION BASE (L)	1	CWE351173A	←	←
35	DECORATION BASE (R)	1	CWE35K1016	←	←
36	GRILLE DOOR COMPLETE	1	CWE14C1010	←	←
37	E-ION FILTER	2	CWD00K1001	←	←
38	SCREW FOR FRONT GRILLE	2	XTT4+16CFJ	←	←
39	CAP FOR FRONT GRILLE	2	CWH521109	←	←
40	DRAIN HOSE	1	CWH851063	←	←
41	INSTALLING HOLDER ASSY	1	CWH361067	←	←
42	BAG COMPLETE FOR INSTALLATION	1	CWH82C067	←	←
43	E-ION AIR PURIFYING SYSTEM	1	CWH14C5332	←	←

(NOTE)

- All parts are supplied from PHAAM, Malaysia (Vendor Code: 061).
- "O" marked parts are recommended to be kept in stock.

17.2. Outdoor Unit



Note

The above exploded view is for the purpose of parts disassembly and replacement.
The non-numbered parts are not kept as standard service parts.

REF. NO.	PART NAME & DESCRIPTION	QTY.	CU-E7GKR	CU-E9GKR	CU-E12GKR
1	CHASSY ASSY	1	CWD50K2073	←	←
2	ANTI - VIBRATION BUSHING	3	CWH50077	←	←
3	COMPRESSOR	1	5RS092XCD01	5RS102XBC01	←
4	NUT - COMPRESSOR MOUNT	3	CWH56000J	←	←
5	SOUND PROOF MATERIAL	1	CWG302293	←	←
6	SOUND PROOF MATERIAL	1	CWG302292	←	←
7	FAN MOTOR BRACKET	1	CWD541089	←	←
8	FAN MOTOR (AC 25W SINGLE, AC 30W SINGLE)	1	CWA951536	CWA951553	CWA951542
9	SCREW - FAN MOTOR BRACKET	2	CWH551217	CWH551174J	←
10	SCREW - FAN MOTOR MOUNT	4	CWH55252J	←	←
11	PROPELLER FAN ASSY	1	CWH03K1010	←	←
12	NUT - PROPELLER FAN	1	CWH56053J	←	←
13	CONDENSER	1	CWB32C2208	CWB32C1146	←
14	TUBE ASS'Y CO. (CAP. / CHK VALVE)	1	CWT01C4051	CWT01C4383	CWT01C4384
15	HOLDER - COUPLING	1	CWH351023	←	←
16	3-WAYS VALVE (GAS)	1	CWB011374	←	CWB011367
17	4-WAYS VALVE	1	CWB001037J	←	←
18	2-WAYS VALVE (LIQUID)	1	CWB021301	←	←
19	V - COIL COMPLETE	1	CWA43C2143J	←	←
20	SOUND PROOF BOARD	1	CWH151172	←	←
21	REACTOR	1	G0C193J00003	←	G0C193J00004
22	SENSOR COMPLETE	1	CWA50C2391	←	←
23	TERMINAL BOARD ASSY	1	CWA28K1110J	←	←
24	ELECTRONIC CONTROLLER - MAIN	1	CWA73C2813R	CWA73C2814R	CWA73C2815R
25	CONTROL BOARD COVER	1	CWH131264	←	←
26	SENSOR COMPLETE	1	CWA50C2205	←	←
27	HOLDER SENSOR	1	CWH321010	←	←
28	TERMINAL COVER	1	CWH171039A	←	←
29	NUT - TERMINAL COVER	1	CWH7080300J	←	←
30	CABINET SIDE PLATE CO.	1	CWE04C1116	←	←
31	CABINET SIDE PLATE (LEFT)	1	CWE041248A	←	←
32	HANDLE	1	CWE161010	←	←
33	WIRE NET	1	CWD041111A	←	←
34	CABINET FRONT PLATE CO.	1	CWE06C1039	←	←
35	CABINET TOP PLATE	1	CWE031014A	←	←
36	CONTROL BOARD COVER	1	CWH131301	←	←
37	CONTROL BOARD COVER	1	CWH13C1064	←	←
38	L - TUBE	1	CWH5850080	←	←
39	PACKING - L.TUBE	1	CWB81012	←	←
40	OPERATION INSTRUCTIONS	1	CWF565726	←	←
41	INSTALLATION INSTRUCTION	1	CWF613282	←	←

(NOTE)

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- "O" marked parts are recommended to be kept in stock.