

Service Manual

Room Air Conditioner



CS-C7CKP CU-C7CKP5
 CS-C9CKP CU-C9CKP5
 CS-C9CKP CU-C9CKP6
 CS-C12CKP CU-C12CKP5
 CS-C12CKP CU-C12CKP6



⚠ 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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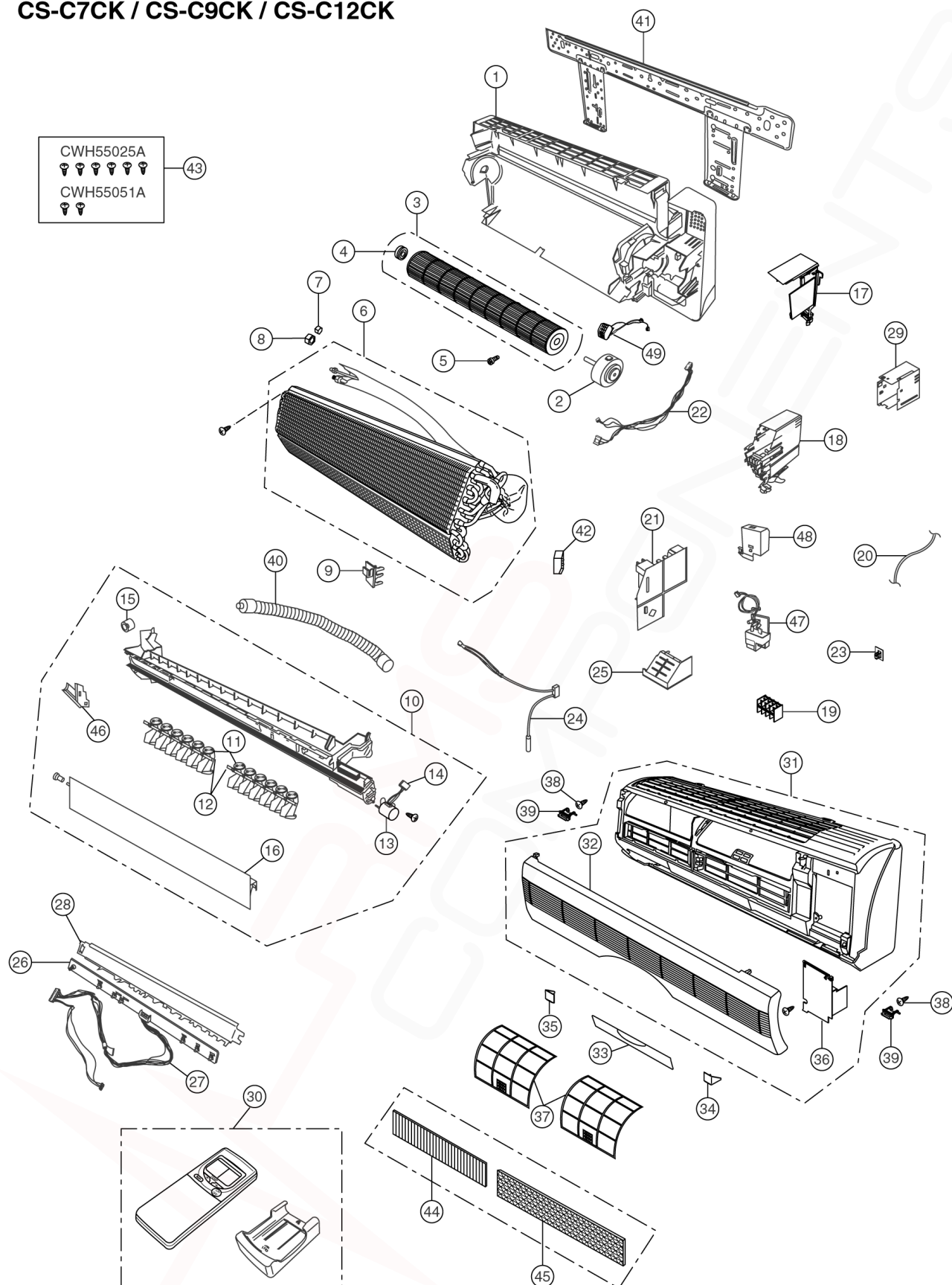
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Panasonic

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15 Exploded View

CS-C7CK / CS-C9CK / CS-C12CK



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.

16 Replacement Parts List

<Model: CS-C7CK / CS-C9CK / CS-C12CK>

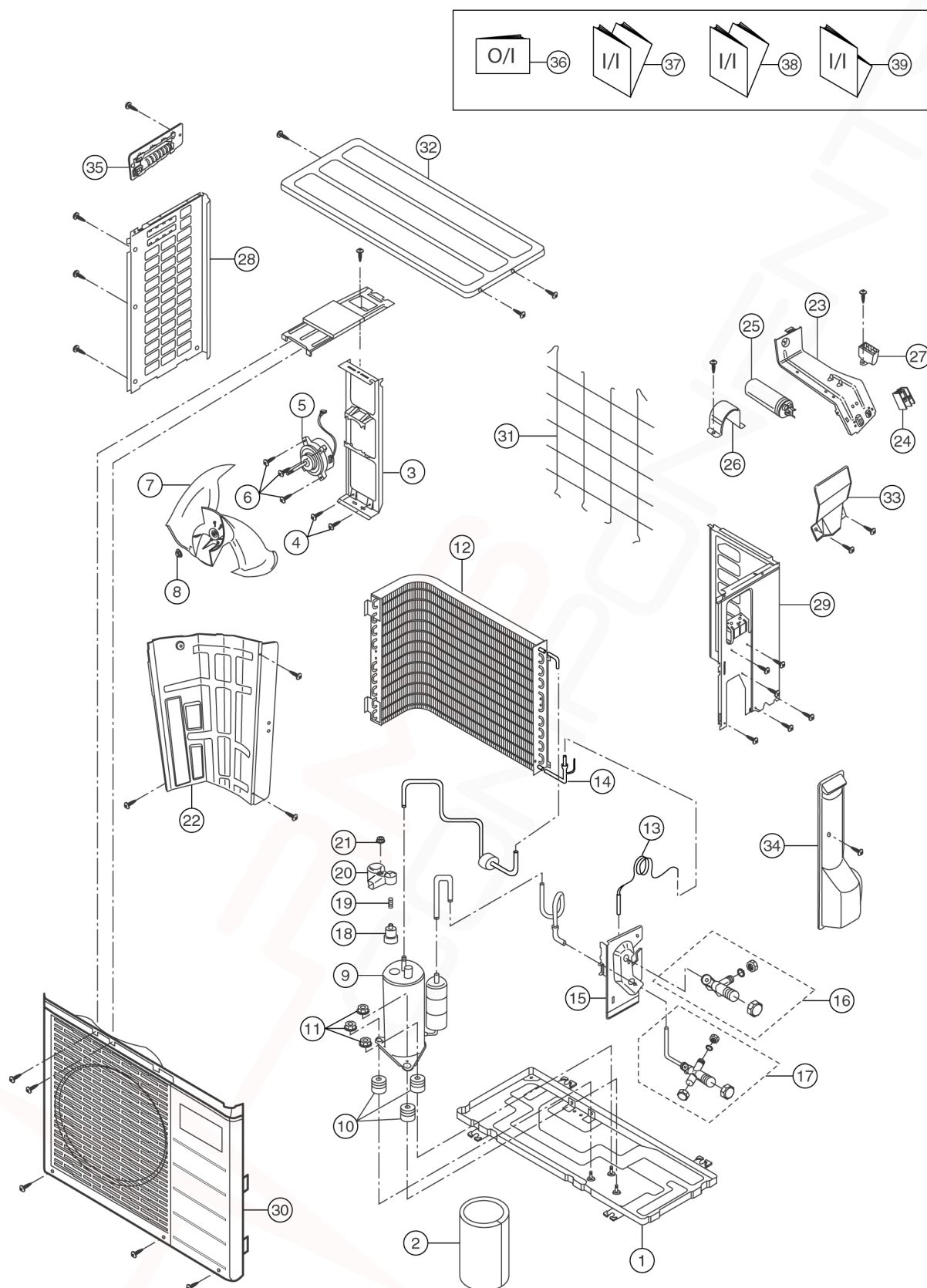
REF. NO.	PART NAME & DESCRIPTION	QTY.		CS-C7CK	CS-C9CK	CS-C12CK	REMARKS
1	CHASSY COMPLETE	1		CWD50C1246	←	←	
2	FAN MOTOR	1		CWA921060	←	←	0
3	CROSS FLOW FAN COMPLETE	1		CWH02C1012	←	←	
4	BEARING ASS'Y	1		CWH64K007	←	←	
5	SCREW - CROSS FLOW FAN	1		CWH4580304	←	←	
6	EVAPORATOR	1		CWB30C1261	←	CWB30C1245	
7	FLARE NUT	1		CWH6002140 (1/4")	←	←	
8	FLARE NUT	1		CWT25005 (3/8")	←	CWT25007 (1/2")	
9	INTAKE AIR SENSOR HOLDER	1		CWH32142	←	←	
10	DISCHARGE GRILLE COMPLETE	1		CWE20C2101	←	←	
11	VERTICAL VANE	12		CWE241068	←	←	
12	CONNECTING BAR	2		CWE261024	←	←	
13	AIR SWING MOTOR	1		CWA98259	←	←	0
14	LEAD WIRE - AIR SWING MOTOR	1		CWA67C3977	←	←	
15	CAP - DRAIN TRAY	1		CWH52C1001	←	←	
16	HORIZONTAL VANE	1		CWE241070	←	←	
17	PARTICULAR PIECE	1		CWD932162	←	←	
18	CONTROL BOARD	1	(1) (2) (3) (4)	CWH102103 - CWH102103A -	← CWH102103 ← CWH102103	← ← ← ←	
19	TERMINAL BOARD COMPLETE	1	(1) (2) (3) (4)	CWA28C2151 - CWA28C2073 -	← CWA28C2151 ← CWA28C2151	CWA28C2152 CWA28C2152 CWA28C2075 CWA28C2152	0
20	POWER SUPPLY CORD	1		CWA20C2159	←	←	
21	ELECTRONIC CONTROLLER - MAIN	1		CWA742976	CWA742975	CWA742874	0
22	LEAD WIRE - FAN MOTOR	1		CWA67C3729	←	←	
23	ELECTRONIC CONTROLLER - RECEIVER	1		CWA73C1124	←	←	0
24	SENSOR COMPLETE	1		CWA50C2122	←	←	0
25	CONTROL BOARD FRONT COVER	1		CWH131090	←	←	
26	ELECTRONIC CONTROLLER - INDICATOR	1		CWE39C1064	←	←	0
27	LEAD WIRE - INDICATOR	1		CWA67C3637	←	←	
28	INDICATOR HOLDER	1		CWD932163	←	←	
29	CONTROL BOARD TOP COVER	1		CWH131091	←	←	
30	REMOTE CONTROL COMPLETE	1		CWA75C2292	←	←	0
31	FRONT GRILLE COMPLETE	1		CWE11C2756	←	←	
32	INTAKE GRILLE	1		CWE22C1081	←	←	
33	CONTROL PANEL	1		CWE312274	←	←	
34	DECORATION BASE (R)	1		CWE351067	←	←	
35	DECORATION BASE (L)	1		CWE351068	←	←	
36	GRILLE DOOR	1		CWE141033	←	←	
37	AIR FILTER	2		CWD001047	←	←	
38	SCREW - FRONT GRILLE	2		XTN4+16C	←	←	
39	CAP - FRONT GRILLE	2		CWH521062	←	←	
40	DRAIN HOSE	1		CWH85285	←	←	
41	INSTALLATION PLATE	1		CWH36K1006	←	←	
42	ANTI-VIBRATION BUSHING	1		-	-	-	
43	BAG COMPLETE - INSTALLATION SCREW	1		CWH82C067	←	←	
44	AIR PURIFYING FILTER	1		CWMD00C0001	←	←	0
45	TRIPLE DEODORIZING FILTER	1		CWMD00C0004	←	←	0
46	FULCRUM	1		CWH621013	←	←	
47	ELECTRONIC CONTROLLER - IONIZER	1		CWA743099	←	←	
48	CASING - IONIZER	1		CWD932228	←	←	
49	ION GENERATOR	1		CWH94C0001	←	←	

(Note)

- All parts are supplied from MAICO, Malaysia (Vendor Code: 061).
- "O" marked parts are recommended to be kept in stock.
- (1) — CS-C7CKP, CS-C9CKP, CS-C12CKP (Europe & CIS).
- (2) — CS-C9CKP-1, CS-C12CKP-1 (Panama).
- (3) — CS-C7CKP-2, CS-C9CKP-2, CS-C12CKP-2 (Oceania).
- (4) — CS-C9CKP-6, CS-C12CKP-6 (Turkey & Tunisia).

17 Exploded View

CU-C7CK / CU-C9CK / CU-C12CK



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.

18 Replacement Parts List

<Model: CU-C7CK / CU-C9CK / CU-C12CK>

REF. NO.	PART NAME & DESCRIPTION	QTY.		CU-C7CK	CU-C9CK	CU-C12CK	REMARKS
1	CHASSY ASS'Y	1	(1) (2) (3) (4)	CWD50K2071 - CWD50K2071 -	← CWD50K2071 ← CWD50K2071	CWD50K2072 ← CWD50K2072 CWD50K2072	
2	SOUND PROOF MATERIAL	1		CWG302110	←	←	
3	FAN MOTOR BRACKET	1		CWD541030	←	←	
4	SCREW - FAN MOTOR BRACKET	2		CWH55413	←	←	
5	FAN MOTOR	1	(1) (2) (3) (4)	CWA951088 - CWA951088 -	CWA951118 CWA951128 CWA951118 CWA951118	CWA951120 ← CWA951120 CWA951120	0
6	SCREW - FAN MOTOR MOUNT	3		CWH55406	←	←	
7	PROPELLER FAN ASS'Y	1		CWH03K1006	←	←	
8	NUT - PROPELLER FAN	1		CWH56053	←	←	
9	COMPRESSOR	1	(1) (2) (3) (4)	2RS110D5DA04 - 2RS110D5DA04 -	2PS146D3AA04 2R13C236BSC 2PS146D3AA04 2PS146D3AA04	QJ208PAA 2P19S236A1L QJ208PAA QJ208PAA	0
10	ANTI - VIBRATION BUSHING	3	(1) (2) (3) (4)	CWH50077 - CWH50077 -	← CWH50077 ← CWH50077	CWH501024 ← CWH501024 CWH501024	
11	NUT - COMPRESSOR MOUNT	3	(1) (2) (3) (4)	CWH56000 - CWH56000 -	← CWH56000 ← CWH56000	CWH4582065 ← CWH4582065 CWH4582065	
12	CONDENSER	1	(1) (2) (3) (4)	CWB32C1260 - CWB32C1260 -	CWB32C1259 CWB32C1168 CWB32C1259 CWB32C1259	CWB32C1267 ← CWB32C1267 CWB32C1267	
13	TUBE ASS'Y (CAPILLARY TUBE)	1	(1) (2) (3) (4)	CWB15K1032 - CWB15K1032 -	CWB15K1031 CWB15K1031 CWB15K1031 CWB15K1031	CWB15K1056 CWB15K1054 CWB15K1056 CWB15K1056	
14	STRAINER	1		CWB11025	←	CWB111011	
15	HOLDER COUPLING ASS'Y	1		CWH351023	←	←	
16	2-WAY VALVE (LIQUID)	1		CWB021056	←	←	0
17	3-WAY VALVE (GAS)	1		CWB011061	←	CWB011060	0
18	OVERLOAD PROTECTOR	1	(1) (2) (3) (4)	CWA12343 - CWA12343 -	CWA12344 CWA121015 CWA12344 CWA12344	CWA121060 CWA121017 CWA121060 CWA121060	0
19	HOLDER - O.L.P.	1	(1) (2) (3) (4)	CWH7041200 - CWH7041200 -	← CWH7041200 ← CWH7041200	- ← - -	
20	TERMINAL COVER	1	(1) (2) (3) (4)	CWH171011 - CWH171011 -	← CWH171011 ← CWH171011	CWH171021 ← CWH171021 CWH171021	
21	NUT - TERMINAL COVER	1	(1) (2) (3) (4)	CWH7080300 - CWH7080300 -	← CWH7080300 ← CWH7080300	CWH561020 ← CWH561020 CWH561020	
22	SOUND PROOF BOARD	1	(1) (2) (3) (4)	CWH151022 - CWH151022 -	← CWH151022 ← CWH151022	CWH151023 ← CWH151023 CWH151023	
23	CONTROL BOARD	1		CWH102102	←	←	
24	TERMINAL BOARD ASS'Y	1		CWA28K217	←	←	
25	CAPACITOR - COMPRESSOR	1	(1) (2) (3) (4)	DS371256CPNA (25μF, 370VAC) - DS371256CPNA (25μF, 370VAC) -	DS371306CPNA (30μF, 370VAC) DS371156CPNA (15μF, 370VAC) DS371306CPNA (30μF, 370VAC) DS371306CPNA (30μF, 370VAC)	CWA312076 (30μF, 400VAC) CWA312076 (30μF, 400VAC) CWA312076 (30μF, 400VAC) CWA312076 (30μF, 400VAC)	0
26	HOLDER CAPACITOR	1		CWH30057	←	←	
27	CAPACITOR - FAN MOTOR	1		CWA31618 (2.0μF, 450VAC)	←	←	0
28	CABINET SIDE PLATE (L)	1		CWE041031A	←	←	
29	CABINET SIDE PLATE (R)	1	(1) (2) (3) (4)	CWE041032A - CWE041032A -	← CWE041032A ← CWE041032A	CWE041033A ← CWE041033A CWE041033A	
30	CABINET FRONT PLATE	1		CWE06K1034	←	←	

REF. NO.	PART NAME & DESCRIPTION	QTY.		CU-C7CK	CU-C9CK	CU-C12CK	REMARKS
31	WIRE NET	1	(1) (2) (3) (4)	CWD041021A - CWD041021A -	← CWD041021A ← CWD041021A	CWD041022A ← CWD041022A CWD041022A	
32	CABINET TOP PLATE	1		CWE031014A	←	←	
33	PLATE - C. B. COVER	1		CWH131088	←	←	
34	CONTROL BOARD COVER	1		CWH131092	←	←	
35	HANDLE	1		CWE161010	←	←	
36	OPERATION INSTRUCTIONS	1	(1) (2) (3) (4)	CWF563838 - CWF563840 -	← CWF563839 ← CWF563843	← ← ← ←	
37	INSTALLATION INSTRUCTIONS (ENGLISH, FRANCAIS, ESPANOL & DEUTSCH)	1		CWF612304	←	←	
38	INSTALLATION INSTRUCTIONS (ITALIANO, NEDERLANDS, PORTUGUES & GREEK)	1	(1) (2) (3) (4)	CWF612305 - - -	← - - -	← - - -	
39	INSTALLATION INSTRUCTIONS (RUSSIA)	1	(1) (2) (3) (4)	CWF612306 - - -	← - - -	← - - -	

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- "O" marked parts are recommended to be kept in stock.
- (1) — CU-C7CKP5, CU-C9CKP5, CU-C12CKP5 (Europe & CIS).
- (2) — CU-C9CKP6-1, CU-C12CKP6-1 (Panama).
- (3) — CU-C7CKP5-2, CU-C9CKP5-2, CU-C12CKP5-2 (Oceania).
- (4) — CU-C9CKP5-6, CU-C12CKP5-6 (Turkey & Tunisia).