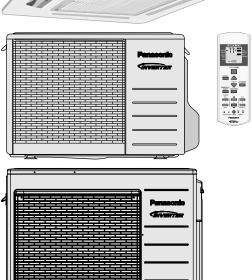
# Service Manual

Air Conditioner



Indoor Unit CS-E12RB4UW CS-E18RB4UW Outdoor Unit CU-E12RB4U CU-E18RB4U

Destination USA Canada



## **!**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 products dealt with in this service information by anyone else could result in serious injury or death.

#### IMPORTANT SAFETY NOTICE =

There are special components used in this equipment which are important for safety. These parts are marked by  $\triangle$  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer

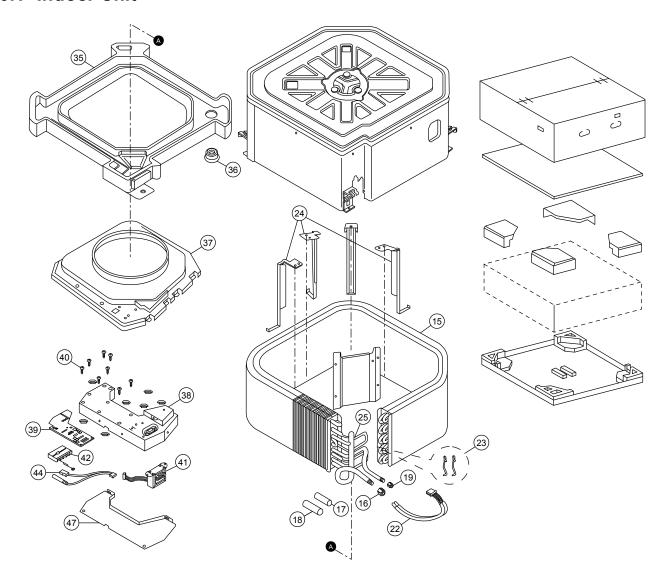
## PRECAUTION OF LOW TEMPERATURE

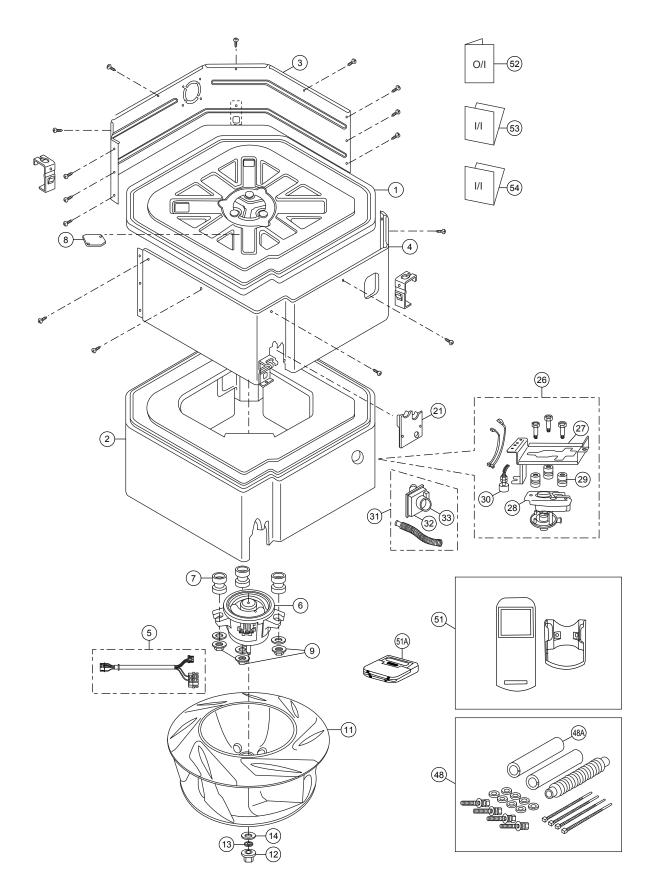
In order to avoid frostbite, be assured of no refrigerant leakage during the installation or repairing of refrigerant circuit.

## **Panasonic**

## 19. Exploded View and Replacement Parts List

## 19.1 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.

### <Model: CS-E12RB4UW CS-E18RB4UW>

1 BASE PAN ASSY 2 INNER POLYSTYRENE COMPLETE 1 CWG07C1047A 3 CABINET SIDE PLATE ASSY 1 CWC041121 4 CABINET SIDE PLATE ASSY 1 CWC041122 5 LEAD WIRE: FAN MOTOR 1 CWA67C9139 6 EAR MOTOR 5 LEAD WIRE: FAN MOTOR 1 CWA67C9139 6 COAD HOLDER 1 CWH501065 7 ANTI - VIERATION BUSHING 3 CWH501065 8 COAD HOLDER 1 CWH501065 9 SCREW - FAN MOTOR 3 CWH501065 1 TURBO FAN 1 CWH00X1022 1 TURBO FAN 1 CWH00X1022 1 VIERD FAN 1 CWH00X1022 1 CW00X1022 1 VIERD FAN 1 CW00X1022	SAFETY	REF. NO.	PART NAME & DESCRIPTION	QTY	CS-E12RB4UW	CS-E18RB4UW	REMARK
3 CABINET SIDE PLATE ASSY 1 CW6041121 — 4 CABINET SIDE PLATE ASSY 1 CW6041122 — 5 LEAD WIRE - FAN MOTOR 1 CW6075136 — O CW6755136 — O CW7551056 — O CW75521056		1	BASE PAN ASS'Y	1	CWD52K1100	<b>←</b>	
4 CABINET SIDE PLATE ASSY 1 CWE041122		2	INNER POLYSTYRENE COMPLETE	1	CWG07C1047A	<b>←</b>	
5         LEAD WIRE - FAN MOTOR         1         CWA67C5136         ←         O           Δ         6         FAN MOTOR         1         EHDSSOAJACC         ←         O           7         ANTI - VIBRATION BUSHING         3         CWH501085         ←         O           8         CORD HOLDER         1         CWD741024         ←         CWD841024         ←           9         SCREW - FAN MOTOR         3         CWH661058         ←         ←         CWH681042         ←           12         NUT for TURBO FAN         1         CWH681022         ←         ←           13         SP WASHER         1         XWA8BFJ         ←         ←           14         WASHER         1         XWG8422FJ         ←		3	CABINET SIDE PLATE ASS'Y	1	CWE041121	<b>←</b>	
⚠         6         FAN MOTOR         9         EHDSSOA40AC         O           7         ANTI-VIBRATION BUSHING         3         CWH9610665            8         CORD HOLDER         1         CWD741024            9         SCREW-FAN MOTOR         3         CWH961058            11         TURBO FAN         1         CWH961042            12         NUT for TURBO FAN         1         CWH961042            13         SP WASHER         1         XWA88FJ            14         WASHER         1         XWA88FJ            15         EVAPORATOR COMPLETE         1         CWB30C5022            16         FLARE NUT (1/27)         1         CWT251032            17         HEATPROOF TUBE         1         CWG021064            18         HEATPROOF TUBE         1         CW7251032            21         PIPE COVER         1         CW7251033            21         PIPE COVER         1         CW7251033            22         SENSOR - EVAPORATOR         1         CW7321143		4	CABINET SIDE PLATE ASS'Y	1	CWE041122	<b>←</b>	
7		5	LEAD WIRE - FAN MOTOR	1	CWA67C5136	<b>←</b>	0
8 CORD HOLDER 1 CWD741024  9 SCREW - FAN MOTOR 3 CWH561058  △ 11 TURBO FAN 1 CWH561058  12 NUT for TURBO FAN 1 CWH561042  13 SP WASHER 1 XWA8BFJ  14 WASHER 1 XWA8BFJ  15 EVAPORATOR COMPLETE 1 CWB30C5022  16 FLARE NUT (1/2′) 1 CWT251032  17 HEATPROOF TUBE 1 CWG021024  18 HEATPROOF TUBE 1 CWG021024  19 FLARE NUT (1/4′) 1 CWT251030  21 PIPE COVER 1 CWD30C1643  22 SENSOR - EVAPORATOR 1 CWD30C1643  22 SENSOR - EVAPORATOR 1 CWD30C1643  23 HOLDER SENSOR 2 CWH33143  24 EVAPORATOR SUPPORTER 3 CWD511529A  25 TUBE ASSY (CAPIL. TUBE) 1 CWT57K1188  26 DRAIN PUMP COMPLETE 1 CWB53C1055 O DRAIN PUMP 2 CMPLETE 1 CWB53C125  27 PANEL DRAIN PUMP 3 CWD511529A  28 DRAIN PUMP COMPLETE 1 CWB53C1055 O DRAIN PUMP 3 CWD511529A  29 ANTI - WBCA5C149  20 DRAIN PUMP 1 CWB53C1055 O DRAIN PUMP 3 CWD511529A  21 PLEXIBLE PIPE 1 CWB53C1055 O DRAIN PUMP 3 CWD511529A  22 DRAIN PUMP 3 CWD51164  23 DRAIN PUMP 1 CWB53C1055 O DRAIN PUMP 1 CWB53C1055 O DRAIN PUMP 3 CWD511529A  20 DRAIN PUMP 1 CWB53C1055 O DRAIN PUMP 1 CWB53C105 O DRAIN PUMP	Æ	6	FAN MOTOR	1	EHDS50A40AC	<b>←</b>	0
9   SCREW - FAN MOTOR   3   CWH561068		7	ANTI - VIBRATION BUSHING	3	CWH501065	<b>←</b>	
▲         11         TURBO FAN         1         CWH03K1022            12         NUT for TURBO FAN         1         CWH6961042            13         SP WASHER         1         XWA8BFJ            14         WASHER         1         XWA8BFJ            15         EVAPORATOR COMPLETE         1         XWG8022FJ            16         FLARE NUT (1/2')         1         CWT251032            17         HEATPROOF TUBE         1         CWG021064            18         HEATPROOF TUBE         1         CWG021064            19         FLARE NUT (1/4')         1         CWT251030            21         PIPE COVER         1         CWD93C1183            21         PIPE COVER         1         CWD93C1183            22         SENSOR - EVAPORATOR         1         CWA902C2499            23         HOLDER SENSOR         2         CWH32143            24         EVAPORATOR SUPPORTER         3         CWD93K1021            25         TUBE ASSY (CAPIL TUBE)         1         CWT07K1		8	CORD HOLDER	1	CWD741024	<b>←</b>	
12		9	SCREW - FAN MOTOR	3	CWH561058	<b>←</b>	
13 SP WASHER 1 XWABBFJ → 14 WASHER 1 XWG8H2FJ → 15 EVAPORATOR COMPLETE 1 CWB30C5022 ← 16 FLARE NUT (1/2') 1 CWT251032 ← 17 HEATPROOF TUBE 1 CWG021024 ← 18 HEATPROOF TUBE 1 CWG021064 ← 19 FLARE NUT (1/4') 1 CWT251030 ← 21 PIPE COVER 1 CWG321163 → 22 SENSOR EVAPORATOR 1 CWB30C52549 ← 23 HOLDER SENSOR 2 CWH32143 ← 24 EVAPORATOR SUPPORTER 3 CWD911529A ← 25 TUBE ASSY (CAPIL. TUBE) 1 CWT07K1188 ← 26 DRAIN PUMP COMPLETE 1 CWB332122 ← 27 PANEL DRAIN PUMP PASSY 1 CWD93K1021 ← 28 DRAIN PUMP SSYY 1 CWD93K1021 ← 29 ANTI-VIBRATION BUSHING 3 CWH501080 ← 30 FLOAT SWITCH - DRAIN PUMP 1 CWA3233 ← 31 FLEXBLE PIPE 1 CWH401151 ← 32 DRAIN NOZZLE 1 CWH411011 ← 33 DRAIN HOSE HEAT INSULATION 1 CWG321116 ← 34 OPAIN PUMP COMPLETE 1 CWH401116 ← 35 DRAIN PUMP COMPLETE 1 CWH401116 ← 36 DRAIN PUMP COMPLETE 1 CWH401116 ← 37 AIR GUIDER BLOWER WHEEL 1 CWB321028 ← 38 OPAIN PUM COMPLETE 1 CWH401116 ← 39 DRAIN PUMP COMPLETE 1 CWH401116 ← 31 DRAIN HOSE HEAT INSULATION 1 CWG321116 ← 32 DRAIN PUMP COMPLETE 1 CWH401116 ← 34 OPAIN PUM COMPLETE 1 CWH301008 ← 35 DRAIN PUM COMPLETE 1 CWH401116 ← 36 DRAIN PUM COMPLETE 1 CWH401116 ← 37 AIR GUIDER BLOWER WHEEL 1 CWD321058 ← 38 OPAIN PUM COMPLETE 1 CWH401116 ← 39 DRAIN PUM COMPLETE 1 CWH401116 ← 30 DRAIN PUM COMPLETE 1 CWH401116 ← 31 DRAIN PUM COMPLETE 1 CWH301008 ← 31 TEXBLE PIPE 1 CWH401116 ← 32 DRAIN NOZZLE 1 CWH301008 ← 33 DRAIN HOSE HEAT INSULATION 1 CWG321116 ← 34 DRAIN PUM COMPLETE 1 CWH301008 ← 35 DRAIN PUM COMPLETE 1 CWH301008 ← 36 DRAIN PUM COMPLETE 1 CWH301008 ← 37 AIR GUIDER BLOWER WHEEL 1 CWD321058 ← 38 CONTROL BOARD CASING 1 CWH301102 ← 4 DRAIN PUMP COMPLETE 1 CWH301000 ← 5 DRAIN PUMP COMPLETE 1 CWH3010000 ← 5 DRAIN PUMP COMPLETE 1 CWH30100000000000000000000000000000000000	A	11	TURBO FAN	1	CWH03K1022	<b>←</b>	
14 WASHER  1 XWG8H22FJ ←  15 EVAPORATOR COMPLETE  1 CWB30C5022 ←  16 FLARE NUT (1/2')  17 HEATPROOF TUBE  1 CWG021024 ←  18 HEATPROOF TUBE  1 CWG021024 ←  19 FLARE NUT (1/4')  1 CWT251030 ←  21 PIPE COVER  1 CWD83C1163 ←  22 SENSOR - EVAPORATOR  23 HOLDER SENSOR  24 EVAPORATOR SUPPORTER  3 CWD931529A ←  25 TUBE ASS'Y (CAPIL. TUBE)  1 CWB3C1055 ←  27 PANEL DRAIN PUMP ASS'Y  1 CWB3C1055 ←  28 DRAIN PUMP COMPLETE  1 CWB3C1055 ←  29 ANTI - VIBRATION BUSHING  3 CWH501080 ←  30 FLOAT SWITCH - DRAIN PUMP  1 CWH50C1115 ←  32 DRAIN NOZZLE  1 CWH40C1116 ←  33 DRAIN NOZZLE  1 CWH40C1116 ←  36 DRAIN PLUG  1 CWB321026 ←  37 AIR GUIDER BLOWER WHEEL  1 CWB321086 ←  38 CONTROL BOARD ASS'Y  1 CWB321086 ←  37 AIR GUIDER BLOWER WHEEL  1 CWH3C1116 ←  38 DRAIN PLUG  1 CWB321068 ←  40 SPACER  40 SPACER  6 CWH51024 ←  41 TRANSFORMER  1 CWA3C2124 ←  42 CWA3C0130 ←  44 LEADWIRE AIR SUNCINC COMPLETE  1 CWH4C01116 ←  40 SPACER  41 TRANSFORMER  1 CWA3C02266 ←  41 TRANSFORMER  1 CWA3C02266 ←  44 LEADWIRE AIR TEMP. SENSOR  1 CWA3C02216 ←  44 LEADWIRE AIR TEMP. SENSOR  1 CWA3C02216 ←  44 LEADWIRE AIR TEMP. SENSOR  1 CWH3C01116 ←  48 ACCESSORY COMPLETE  1 CWH3C01116 ←  4 CWA3C01116 ←  4 CWA3C01116 ←  4 CWA3C01116 ←  4 CWA3C01116 ←  4 CWA3		12	NUT for TURBO FAN	1	CWH561042	<b>←</b>	
15 EVAPORATOR COMPLETE  1 CWB30C5022		13	SP WASHER	1	XWA8BFJ	<b>←</b>	
16 FLARE NUT (1/2') 1 CWT251032 ←  17 HEATPROOF TUBE 1 CWG021024 ←  18 HEATPROOF TUBE 1 CWG021024 ←  19 FLARE NUT (1/4') 1 CWT251030 ←  21 PIPE COVER 1 CWD3631163 ←  22 SENSOR EVAPORATOR 1 CWB3631163 ←  23 HOLDER SENSOR 2 CWH32143 ←  24 EVAPORATOR SUPPORTER 3 CWD911529A ←  25 TUBE ASSY (CAPIL TUBE) 1 CWT07K1188 ←  26 DRAIN PUMP COMPLETE 1 CWB532102 ←  27 PANEL DRAIN PUMP ASSY 1 CW993K1021 ←  28 DRAIN PUMP 1 CWB532122 ←  29 ANTI - VIBRATION BUSHING 3 CWH501080 ←  Δ 30 FLOAT SWITCH - DRAIN PUMP 1 CWH5115 ←  31 FLEXIBLE PIPE 1 CWH5115 ←  32 DRAIN NOZZLE 1 CWH411011 ←  33 DRAIN HOSE HEAT INSULATION 1 CWG321116 ←  35 DRAIN PAN - COMPLETE 1 CWH5021088 ←  37 AIR GUIDER BLOWER WHEEL 1 CWB521008 ←  Δ 39 ELECTRONIC CONTROLLER (MAIN) 1 CWA73C9228 CWA73C9227 O  40 SPACER 6 CWH50134 ←  41 TRANSFORMER 1 CWA8CC134 ←  44 LEADWIRE -AIR TEMP. SENSOR 1 CWH302116 ←  47 CONTROL BOARD ASSY 1 CW9321116 ←  48 ACCESSORY COMPLETE 1 CWH30C1321 ←  0 CWA73C9228 CWA73C9227 O  44 LEADWIRE -AIR TEMP. SENSOR 1 CWH30C1314 ←  0 CWH30C1116 ←  44 LEADWIRE -AIR TEMP. SENSOR 1 CWH30C1314 ←  0 CWA7SC9228 CWA73C9227 O  44 LEADWIRE -AIR TEMP. SENSOR 1 CWH30C1116 ←  47 CONTROL BOARD COVER COM. 1 CWH31C1344 ←  48 ACCESSORY COMPLETE 1 CWH30C1116 ←  51 WIRELESS REMOTE CONTROLLER (MAIN) 1 CWA7SC4643 ←  0 CWA7SC4643 ←  0 CWA7SC4643 ←  0 CWA7SC4643 ←  0 CWA7SC4643 ←  1 CWA7SC4643 ←		14	WASHER	1	XWG8H22FJ	<b>←</b>	
17 HEATPROOF TUBE		15	EVAPORATOR COMPLETE	1	CWB30C5022	<b>←</b>	
18         HEATPROOF TUBE         1         CWG021064         ←           19         FLARE NUT (1/4")         1         CWT251030         ←           21         PIPE COVER         1         CWD33C1163         ←           22         SENSOR - EVAPORATOR         1         CWD35C2548         ←           23         HOLDER SENSOR         2         CWH32143         ←           24         EVAPORATOR SUPPORTER         3         CWD911529A         ←           25         TUBE ASSY (CAPIL. TUBE)         1         CWT07K1188         ←           26         DRAIN PUMP COMPLETE         1         CWT07K1188         ←           26         DRAIN PUMP COMPLETE         1         CWT07K1188         ←           27         PANEL DRAIN PUMP ASS'Y         1         CWB5321021         ←           28         DRAIN PUMP ASS'Y         1         CWB531021         ←           29         ANTI - VIBRATION BUSHING         3         CWH501080         ←           30         FLOAT SWITCH - DRAIN PUMP         1         CWH5501222         ←           31         FLEXIBLE PIPE         1         CWH3651115         ←           32         DRAIN NOZZLE         1 </td <td></td> <td>16</td> <td>FLARE NUT (1/2")</td> <td>1</td> <td>CWT251032</td> <td><b>←</b></td> <td></td>		16	FLARE NUT (1/2")	1	CWT251032	<b>←</b>	
19 FLARE NUT (1/4*) 1 CWT251030 ← 21 PIPE COVER 1 CWD93C1163 ← 22 SENSOR - EVAPORATOR 1 CWA50C2549 ← 23 HOLDER SENSOR 2 CWH32143 ← 24 EVAPORATOR SUPPORTER 3 CWD911529A ← 25 TUBE ASS'Y (CAPIL. TUBE) 1 CWT07K1188 ← 26 DRAIN PUMP COMPLETE 1 CWD93K1021 ← 27 PANEL DRAIN PUMP ASS'Y 1 CWD93K1021 ← 28 DRAIN PUMP BSHING 3 CWH501080 ← 29 ANTI - VIBRATION BUSHING 3 CWH501080 ← 30 FLOAT SWITCH - DRAIN PUMP 1 CWA121233 ← O 31 FLEXIBLE PIPE 1 CWH56C1115 ← 32 DRAIN NOZZLE 1 CWH40C1116 ← 33 DRAIN HOSE HEAT INSULATION 1 CWG321116 ← 35 DRAIN PAN - COMPLETE 1 CWH40C1116 ← 36 DRAIN PLUG 1 CWB821008 ← 37 AIR GUIDER BLOWER WHEEL 1 CWB821008 ← 37 AIR GUIDER BLOWER WHEEL 1 CWB821008 ← 38 CONTROL BOARD CASING 1 CWH10K1102 ← 4 SPACER 6 CWH541026 ← 4 TRANSFORMER 1 CWA40C1030 ← O 4 TRANSFORMER 1 CWA40C1030 ← O 4 TRANSFORMER 1 CWA682214 ← O 4 TRANSFORMER 1 CWA682214 ← O 4 TRANSFORMER 1 CWA682214 ← O 4 LEADWIRE-AIR TEMP. SENSOR 1 CWH312144 ← 4 LEADWIRE-AIR TEMP. SENSOR 1 CWH312144 ← O 4 CONTROL BOARD COVER COM. 1 CWH312144 ← O 4 LEADWIRE-AIR TEMP. SENSOR 1 CWA68C2214 ← O 4 CONTROL BOARD COVER COM. 1 CWH312144 ← C 4 WIRELESS REMOTE CONTROL COMPLETE 1 CWA52C108 ← O 4 WIRELESS REMOTE CONTROL COMPLETE 1 CWA52C108 ← O 4 WIRELESS REMOTE CONTROL COMPLETE 1 CWA53C4643 ← O		17	HEATPROOF TUBE	1	CWG021024	<b>←</b>	
21       PIPE COVER       1       CWD93C1163       ←         22       SENSOR - EVAPORATOR       1       CWA50C2549       ←         23       HOLDER SENSOR       2       CWH32143       ←         24       EVAPORATOR SUPPORTER       3       CWD911529A       ←         25       TUBE ASS'Y (CAPIL TUBE)       1       CWT07K1188       ←         26       DRAIN PUMP COMPLETE       1       CWB53C1055       ←       O         27       PANEL DRAIN PUMP ASS'Y       1       CWD93K1021       ←         28       DRAIN PUMP       1       CWB532122       ←         29       ANTI - VIBRATION BUSHING       3       CWH501080       ←         30       FLOAT SWITCH - DRAIN PUMP       1       CWA121233       ←       O         31       FLEXIBLE PIPE       1       CWH36C1115       ←         32       DRAIN NOZZLE       1       CWH411011       ←         33       DRAIN PAN - COMPLETE       1       CWH410C1116       ←         34       DRAIN PALIG       1       CWB821008       ←         37       AIR GUIDER BLOWER WHEEL       1       CWB821008       ←         38       CONTROL BO		18	HEATPROOF TUBE	1	CWG021064	<b>←</b>	
22 SENSOR - EVAPORATOR 23 HOLDER SENSOR 2 CWH32143 ← 24 EVAPORATOR SUPPORTER 3 CWD911529A ← 25 TUBE ASS'Y (CAPIL. TUBE) 1 CWE53C1055 ← 0 27 PANEL DRAIN PUMP ASS'Y 1 CWD93K1021 ← 28 DRAIN PUMP BASS'Y 1 CWD93K1021 ← 29 ANTI - VIBRATION BUSHING 3 CWH501080 ← 30 FLOAT SWITCH - DRAIN PUMP 1 CWA121233 ← 0 O 31 FLEXIBLE PIPE 1 CWH85C1115 ← 32 DRAIN NOZZLE 1 CWH411011 ← 33 DRAIN HOSE HEAT INSULATION 1 CWG9321116 ← 35 DRAIN PLUG 1 CWH40C1116 ← 36 DRAIN PLUG 1 CWH40C1116 ← 37 AIR GUIDER BLOWER WHEEL 1 CWH40C1116 ← 38 CONTROL BOARD ASSING 1 CWH10K1102 ← 4 SPACER 4 1 TRANSFORMER 1 CWA3C1030 ← 0 O 4 1 TERMINAL BOARD ASSY' 1 CWA8C2144 ← 0 O 44 LEADWIRE-AIR TEMP. SENSOR 1 CWH3C1116 ← 4 URASC2108 ← 44 LEADWIRE-AIR TEMP. SENSOR 1 CWH3C1034 ← 45 WRELESS REMOTE CONTROL COMPLETE 1 CWH3C1116 ← 0 O 4 WRELESS REMOTE CONTROL COMPLETE 1 CWA6C2214 ← 0 O 47 CONTROL BOARD COVER COM. 1 CWH3C1116 ← 1 CWA6C2214 ← 0 O 48 ACCESSORY COMPLETE 1 CWH3C1116 ← 0 O 48 HEATPROOF TUBE 1 CWG921116 ← 0 O 49 WIRELESS REMOTE CONTROL COMPLETE 1 CWH5C4643 ← 0 O		19	FLARE NUT (1/4")	1	CWT251030	<b>←</b>	
23         HOLDER SENSOR         2         CWH32143         —           24         EVAPORATOR SUPPORTER         3         CWD911529A         —           25         TUBE ASS'Y (CAPIL. TUBE)         1         CWT07K1188         —           26         DRAIN PUMP COMPLETE         1         CWB53C1055         —         O           27         PANEL DRAIN PUMP ASS'Y         1         CWD93K1021         —         —           28         DRAIN PUMP         1         CWB532122         —         —         —           29         ANTI - VIBRATION BUSHING         3         CWH501080         —         —         —         —           30         FLOAT SWITCH - DRAIN PUMP         1         CWA121233         —         O         —         —         —         —         —         O         —		21	PIPE COVER	1	CWD93C1163	<b>←</b>	
24       EVAPORATOR SUPPORTER       3       CWD911529A       ←         25       TUBE ASS'Y (CAPIL. TUBE)       1       CWT07K1188       ←         26       DRAIN PUMP COMPLETE       1       CWB53C1055       ←       O         27       PANEL DRAIN PUMP ASS'Y       1       CWD93K1021       ←       O         28       DRAIN PUMP       1       CWB532122       ←         29       ANTI - VIBRATION BUSHING       3       CWH501080       ←         30       FLOAT SWITCH - DRAIN PUMP       1       CWA121233       ←       O         31       FLEXIBLE PIPE       1       CWH85C1115       ←       O         32       DRAIN HOSZIE       1       CWH411011       ←       ←         33       DRAIN HOSE HEAT INSULATION       1       CWG321116       ←       ←          35       DRAIN PAN - COMPLETE       1       CWH40C1116       ←           36       DRAIN PLUG       1       CWB821008       ←           37       AIR GUIDER BLOWER WHEEL       1       CWB821008       ←           38       CONTROL BOARD CASING       1       CWH10K1102		22	SENSOR - EVAPORATOR	1	CWA50C2549	<b>←</b>	
25         TUBE ASS'Y (CAPIL. TUBE)         1         CWT07K1188         ←           26         DRAIN PUMP COMPLETE         1         CWB53C1055         ←         O           27         PANEL DRAIN PUMP ASS'Y         1         CWD93K1021         ←         ●           28         DRAIN PUMP         1         CWB532122         ←         ●           29         ANTI - VIBRATION BUSHING         3         CWH501080         ←         ●           30         FLOAT SWITCH - DRAIN PUMP         1         CWA121233         ←         O           31         FLEXIBLE PIPE         1         CWH85C1115         ←           32         DRAIN NOZZLE         1         CWH411011         ←           33         DRAIN HOSE HEAT INSULATION         1         CWG321116         ←           35         DRAIN PAN - COMPLETE         1         CWH40C1116         ←           36         DRAIN PLUG         1         CWB821008         ←           37         AIR GUIDER BLOWER WHEEL         1         CWD321058         ←           38         CONTROL BOARD CASING         1         CWH10K1102         ←           40         SPACER         6         CWH541026         <		23	HOLDER SENSOR	2	CWH32143	<b>←</b>	
26         DRAIN PUMP COMPLETE         1         CWB53C1055         ←         O           27         PANEL DRAIN PUMP ASS'Y         1         CWD93K1021         ←           28         DRAIN PUMP         1         CWB532122         ←           29         ANTI - VIBRATION BUSHING         3         CWH501080         ←           30         FLOAT SWITCH - DRAIN PUMP         1         CWA121233         ←         O           31         FLEXIBLE PIPE         1         CWH85C1115         ←         ←           32         DRAIN NOZZLE         1         CWH411011         ←         ←           33         DRAIN HOSE HEAT INSULATION         1         CWG321116         ←         ←           35         DRAIN PAN - COMPLETE         1         CWH40C1116         ←         ←           36         DRAIN PLUG         1         CWB821008         ←         ←           37         AIR GUIDER BLOWER WHEEL         1         CWB821058         ←         ←           38         CONTROL BOARD CASING         1         CWH10K1102         ←         ←           4         39         ELECTRONIC CONTROLLER (MAIN)         1         CWA73C9226         CWA73C9227 <t< td=""><td></td><td>24</td><td>EVAPORATOR SUPPORTER</td><td>3</td><td>CWD911529A</td><td><b>←</b></td><td></td></t<>		24	EVAPORATOR SUPPORTER	3	CWD911529A	<b>←</b>	
27       PANEL DRAIN PUMP       1       CWD93K1021       ←         28       DRAIN PUMP       1       CWB532122       ←         29       ANTI - VIBRATION BUSHING       3       CWH501080       ←         30       FLOAT SWITCH - DRAIN PUMP       1       CWA121233       ←       O         31       FLEXIBLE PIPE       1       CWH85C1115       ←         32       DRAIN NOZLE       1       CWH411011       ←         33       DRAIN HOSE HEAT INSULATION       1       CWG321116       ←         35       DRAIN PAN - COMPLETE       1       CWH40C1116       ←         36       DRAIN PLUG       1       CWB821008       ←         37       AIR GUIDER BLOWER WHEEL       1       CWD321058       ←         38       CONTROL BOARD CASING       1       CWH10K1102       ←         40       SPACER       6       CWH541026       ←         40       SPACER       6       CWH541026       ←         4       1       TRANSFORMER       1       CWA40C1030       ←       O         4       41       TRANSFORMER       1       CWA28K1321       ←       O         42		25	TUBE ASS'Y (CAPIL. TUBE)	1	CWT07K1188	<b>←</b>	
28         DRAIN PUMP         1         CWB532122         ←           29         ANTI - VIBRATION BUSHING         3         CWH501080         ←           ⚠         30         FLOAT SWITCH - DRAIN PUMP         1         CWA121233         ←         O           31         FLEXIBLE PIPE         1         CWH85C1115         ←         □           32         DRAIN NOZZLE         1         CWH411011         ←           33         DRAIN HOSE HEAT INSULATION         1         CWG321116         ←           35         DRAIN PAN - COMPLETE         1         CWH40C1116         ←           36         DRAIN PLUG         1         CWB821008         ←           37         AIR GUIDER BLOWER WHEEL         1         CWB321058         ←           38         CONTROL BOARD CASING         1         CWH10K1102         ←           4         39         ELECTRONIC CONTROLLER (MAIN)         1         CWA73C9226         CWA73C9227         O           40         SPACER         6         CWH541026         ←         ←           4         TRANSFORMER         1         CWA601030         ←         O           41         TERMINAL BOARD ASS'Y         1 <td></td> <td>26</td> <td>DRAIN PUMP COMPLETE</td> <td>1</td> <td>CWB53C1055</td> <td><b>←</b></td> <td>0</td>		26	DRAIN PUMP COMPLETE	1	CWB53C1055	<b>←</b>	0
29       ANTI - VIBRATION BUSHING       3       CWH501080       ←         ⚠       30       FLOAT SWITCH - DRAIN PUMP       1       CWA121233       ←       O         31       FLEXIBLE PIPE       1       CWH85C1115       ←         32       DRAIN NOZZLE       1       CWH411011       ←         33       DRAIN HOSE HEAT INSULATION       1       CWG321116       ←         35       DRAIN PAN - COMPLETE       1       CWH40C1116       ←         36       DRAIN PLUG       1       CWB821008       ←         37       AIR GUIDER BLOWER WHEEL       1       CWD321058       ←         38       CONTROL BOARD CASING       1       CWH10K1102       ←         4       39       ELECTRONIC CONTROLLER (MAIN)       1       CWA73C9226       CWA73C9227       O         40       SPACER       6       CWH541026       ←       ←         4       41       TRANSFORMER       1       CWA40C1030       ←       O         4       42       TERMINAL BOARD ASSYY       1       CWA8K1321       ←       O         44       LEADWIRE-AIR TEMP. SENSOR       1       CWA86C2214       ←       O <t< td=""><td></td><td>27</td><td>PANEL DRAIN PUMP ASS'Y</td><td>1</td><td>CWD93K1021</td><td><b>←</b></td><td></td></t<>		27	PANEL DRAIN PUMP ASS'Y	1	CWD93K1021	<b>←</b>	
⚠         30         FLOAT SWITCH - DRAIN PUMP         1         CWA121233         ←         O           31         FLEXIBLE PIPE         1         CWH85C1115         ←           32         DRAIN NOZZLE         1         CWH411011         ←           33         DRAIN HOSE HEAT INSULATION         1         CWG321116         ←           35         DRAIN PAN - COMPLETE         1         CWH40C1116         ←           36         DRAIN PLUG         1         CWB821008         ←           37         AIR GUIDER BLOWER WHEEL         1         CWD321058         ←           38         CONTROL BOARD CASING         1         CWH10K1102         ←           4         39         ELECTRONIC CONTROLLER (MAIN)         1         CWA73C9226         CWA73C9227         O           40         SPACER         6         CWH541026         ←         ←           4         1         TRANSFORMER         1         CWA40C1030         ←         O           4         41         TRANSFORMER         1         CWA28K1321         ←         O           44         LEADWIRE-AIR TEMP. SENSOR         1         CWA28K1321         ←         O           4		28	DRAIN PUMP	1	CWB532122	<b>←</b>	
31 FLEXIBLE PIPE 1 CWH85C1115 ← 32 DRAIN NOZZLE 1 CWH411011 ← 33 DRAIN HOSE HEAT INSULATION 1 CWG321116 ← 35 DRAIN PAN - COMPLETE 1 CWH40C1116 ← 36 DRAIN PLUG 1 CWB821008 ← 37 AIR GUIDER BLOWER WHEEL 1 CWD321058 ← 38 CONTROL BOARD CASING 1 CWH10K1102 ←  Δ 39 ELECTRONIC CONTROLLER (MAIN) 1 CWA73C9226 CWA73C9227 O 40 SPACER 6 CWH541026 ← Δ 41 TRANSFORMER 1 CWA40C1030 ← O Δ 42 TERMINAL BOARD ASSY 1 CWA68C2214 ← O 47 CONTROL BOARD COVER COM. 1 CWH3C1344 ← 48 ACCESSORY COMPLETE 1 CWG021116 ← 48A HEATPROOF TUBE 1 CWG021116 ← 51 WIRELESS REMOTE CONTROL COMPLETE 1 CWA75C4643 ← O		29	ANTI - VIBRATION BUSHING	3	CWH501080	<b>←</b>	
32 DRAIN NOZZLE 1 CWH411011 ←  33 DRAIN HOSE HEAT INSULATION 1 CWG321116 ←  35 DRAIN PAN - COMPLETE 1 CWH40C1116 ←  36 DRAIN PLUG 1 CWB821008 ←  37 AIR GUIDER BLOWER WHEEL 1 CWD321058 ←  38 CONTROL BOARD CASING 1 CWH10K1102 ←  ⚠ 39 ELECTRONIC CONTROLLER (MAIN) 1 CWA73C9226 CWA73C9227 O  40 SPACER 6 CWH541026 ←  ⚠ 41 TRANSFORMER 1 CWA40C1030 ← O  ⚠ 42 TERMINAL BOARD ASS'Y 1 CWA86K321 ← O  44 LEADWIRE-AIR TEMP. SENSOR 1 CWA68C2214 ← O  47 CONTROL BOARD COVER COM. 1 CWH3C1344 ←  48 ACCESSORY COMPLETE 1 CWG021116 ←  48A HEATPROOF TUBE 1 CWA75C4643 ← O	A	30	FLOAT SWITCH - DRAIN PUMP	1	CWA121233	<b>←</b>	0
33   DRAIN HOSE HEAT INSULATION   1   CWG321116   ←     35   DRAIN PAN - COMPLETE   1   CWH40C1116   ←     36   DRAIN PLUG   1   CWB821008   ←     37   AIR GUIDER BLOWER WHEEL   1   CWD321058   ←     38   CONTROL BOARD CASING   1   CWH10K1102   ←     ♠   39   ELECTRONIC CONTROLLER (MAIN)   1   CWA73C9226   CWA73C9227   O     40   SPACER   6   CWH541026   ←     ♠   41   TRANSFORMER   1   CWA40C1030   ←   O     ♠   42   TERMINAL BOARD ASS'Y   1   CWA28K1321   ←   O     44   LEADWIRE-AIR TEMP. SENSOR   1   CWA68C2214   ←   O     47   CONTROL BOARD COVER COM.   1   CWH13C1344   ←     48   ACCESSORY COMPLETE   1   CWH82C2108   ←     48A   HEATPROOF TUBE   1   CWG021116   ←     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   O     51   WIRELESS REMOTE C		31	FLEXIBLE PIPE	1	CWH85C1115	<b>←</b>	
35   DRAIN PAN - COMPLETE   1   CWH40C1116   ←     36   DRAIN PLUG   1   CWB821008   ←     37   AIR GUIDER BLOWER WHEEL   1   CWD321058   ←     38   CONTROL BOARD CASING   1   CWH10K1102   ←     ▲   39   ELECTRONIC CONTROLLER (MAIN)   1   CWA73C9226   CWA73C9227   ○     40   SPACER   6   CWH541026   ←     ▲   41   TRANSFORMER   1   CWA40C1030   ←   ○     ▲   42   TERMINAL BOARD ASS'Y   1   CWA8K1321   ←   ○     44   LEADWIRE-AIR TEMP. SENSOR   1   CWA68C2214   ←   ○     47   CONTROL BOARD COVER COM.   1   CWH13C1344   ←     48   ACCESSORY COMPLETE   1   CWH82C2108   ←     48A   HEATPROOF TUBE   1   CWG021116   ←     51   WIRELESS REMOTE CONTROL COMPLETE   1   CWA75C4643   ←   ○		32	DRAIN NOZZLE	1	CWH411011	<b>←</b>	
36		33	DRAIN HOSE HEAT INSULATION	1	CWG321116	<b>←</b>	
37       AIR GUIDER BLOWER WHEEL       1       CWD321058       ←         38       CONTROL BOARD CASING       1       CWH10K1102       ←         ⚠       39       ELECTRONIC CONTROLLER (MAIN)       1       CWA73C9226       CWA73C9227       O         40       SPACER       6       CWH541026       ←       ←         ⚠       41       TRANSFORMER       1       CWA40C1030       ←       O         ⚠       42       TERMINAL BOARD ASS'Y       1       CWA28K1321       ←       O         44       LEADWIRE-AIR TEMP. SENSOR       1       CWA68C2214       ←       O         47       CONTROL BOARD COVER COM.       1       CWH13C1344       ←         48       ACCESSORY COMPLETE       1       CWH82C2108       ←         48A       HEATPROOF TUBE       1       CWG021116       ←         51       WIRELESS REMOTE CONTROL COMPLETE       1       CWA75C4643       ←       O		35	DRAIN PAN - COMPLETE	1	CWH40C1116	<b>←</b>	
38       CONTROL BOARD CASING       1       CWH10K1102       ←         ⚠       39       ELECTRONIC CONTROLLER (MAIN)       1       CWA73C9226       CWA73C9227       O         40       SPACER       6       CWH541026       ←       O         ⚠       41       TRANSFORMER       1       CWA40C1030       ←       O         ⚠       42       TERMINAL BOARD ASS'Y       1       CWA28K1321       ←       O         44       LEADWIRE-AIR TEMP. SENSOR       1       CWA68C2214       ←       O         47       CONTROL BOARD COVER COM.       1       CWH13C1344       ←         48       ACCESSORY COMPLETE       1       CWH82C2108       ←         48A       HEATPROOF TUBE       1       CWG021116       ←         51       WIRELESS REMOTE CONTROL COMPLETE       1       CWA75C4643       ←       O		36	DRAIN PLUG	1	CWB821008	<b>←</b>	
⚠         39         ELECTRONIC CONTROLLER (MAIN)         1         CWA73C9226         CWA73C9227         O           40         SPACER         6         CWH541026         ←         C           ⚠         41         TRANSFORMER         1         CWA40C1030         ←         O           ⚠         42         TERMINAL BOARD ASS'Y         1         CWA28K1321         ←         O           44         LEADWIRE-AIR TEMP. SENSOR         1         CWA68C2214         ←         O           47         CONTROL BOARD COVER COM.         1         CWH13C1344         ←           48         ACCESSORY COMPLETE         1         CWH82C2108         ←           48A         HEATPROOF TUBE         1         CWG021116         ←           51         WIRELESS REMOTE CONTROL COMPLETE         1         CWA75C4643         ←         O		37	AIR GUIDER BLOWER WHEEL	1	CWD321058	<b>←</b>	
40       SPACER       6       CWH541026       ←       ○         ⚠       41       TRANSFORMER       1       CWA40C1030       ←       ○         ⚠       42       TERMINAL BOARD ASS'Y       1       CWA28K1321       ←       ○         44       LEADWIRE-AIR TEMP. SENSOR       1       CWA68C2214       ←       ○         47       CONTROL BOARD COVER COM.       1       CWH13C1344       ←         48       ACCESSORY COMPLETE       1       CWH82C2108       ←         48A       HEATPROOF TUBE       1       CWG021116       ←         51       WIRELESS REMOTE CONTROL COMPLETE       1       CWA75C4643       ←       O		38	CONTROL BOARD CASING	1	CWH10K1102	<b>←</b>	
⚠       41       TRANSFORMER       1       CWA40C1030       ←       O         ⚠       42       TERMINAL BOARD ASS'Y       1       CWA28K1321       ←       O         44       LEADWIRE-AIR TEMP. SENSOR       1       CWA68C2214       ←       O         47       CONTROL BOARD COVER COM.       1       CWH13C1344       ←         48       ACCESSORY COMPLETE       1       CWH82C2108       ←         48A       HEATPROOF TUBE       1       CWG021116       ←         51       WIRELESS REMOTE CONTROL COMPLETE       1       CWA75C4643       ←       O	$\triangle$	39	ELECTRONIC CONTROLLER (MAIN)	1	CWA73C9226	CWA73C9227	0
⚠         42         TERMINAL BOARD ASS'Y         1         CWA28K1321         ←         O           44         LEADWIRE-AIR TEMP. SENSOR         1         CWA68C2214         ←         O           47         CONTROL BOARD COVER COM.         1         CWH13C1344         ←           48         ACCESSORY COMPLETE         1         CWH82C2108         ←           48A         HEATPROOF TUBE         1         CWG021116         ←           51         WIRELESS REMOTE CONTROL COMPLETE         1         CWA75C4643         ←         O		40	SPACER	6	CWH541026	←	
44       LEADWIRE-AIR TEMP. SENSOR       1       CWA68C2214       ←       O         47       CONTROL BOARD COVER COM.       1       CWH13C1344       ←         48       ACCESSORY COMPLETE       1       CWH82C2108       ←         48A       HEATPROOF TUBE       1       CWG021116       ←         51       WIRELESS REMOTE CONTROL COMPLETE       1       CWA75C4643       ←       O	$\triangle$	41	TRANSFORMER	1	CWA40C1030	←	0
47       CONTROL BOARD COVER COM.       1       CWH13C1344       ←         48       ACCESSORY COMPLETE       1       CWH82C2108       ←         48A       HEATPROOF TUBE       1       CWG021116       ←         51       WIRELESS REMOTE CONTROL COMPLETE       1       CWA75C4643       ←       O	$\triangle$	42	TERMINAL BOARD ASS'Y	1	CWA28K1321	<u>←</u>	0
48         ACCESSORY COMPLETE         1         CWH82C2108         ←           48A         HEATPROOF TUBE         1         CWG021116         ←           51         WIRELESS REMOTE CONTROL COMPLETE         1         CWA75C4643         ←         O		44	LEADWIRE-AIR TEMP. SENSOR	1	CWA68C2214	<u></u> ←	0
48A         HEATPROOF TUBE         1         CWG021116         ←           51         WIRELESS REMOTE CONTROL COMPLETE         1         CWA75C4643         ←         O		47	CONTROL BOARD COVER COM.	1	CWH13C1344	<u>←</u>	
51 WIRELESS REMOTE CONTROL COMPLETE 1 CWA75C4643 ← O		48	ACCESSORY COMPLETE	1	CWH82C2108	<b>←</b>	
THE WINDER DEMOTE CONTROL		48A	HEATPROOF TUBE	1	CWG021116	<b>←</b>	
51A WIRED REMOTE CONTROL 1 CWA75C4516 ←		51	WIRELESS REMOTE CONTROL COMPLETE	1	CWA75C4643	<b>←</b>	0
		51A	WIRED REMOTE CONTROL	1	CWA75C4516	<u></u> ←	

SAFETY	REF. NO.	PART NAME & DESCRIPTION	QTY	CS-E12RB4UW	CS-E18RB4UW	REMARK
	52	OPERATING INSTRUCTION	1	CWF569879	←	
	53	INSTALLATION INSTRUCTION	1	CWF616670	←	
	54	INSTALLATION INSTRUCTION	1	CWF616671	<b></b>	

- (Note)
  All parts are supplied from PAPAMY, Malaysia (Vendor Code: 00029488).
  "O" marked parts are recommended to be kept in stock.