Order No. RAC0312002C3

Service Manual

Room Air Conditioner

CW-C182KF-W
CW-C242KF
CW-C182KF-M
CW-C183KF-W
CW-C243KF
CW-C183KF-M

⚠ 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.

CONTENTS

Panasonic

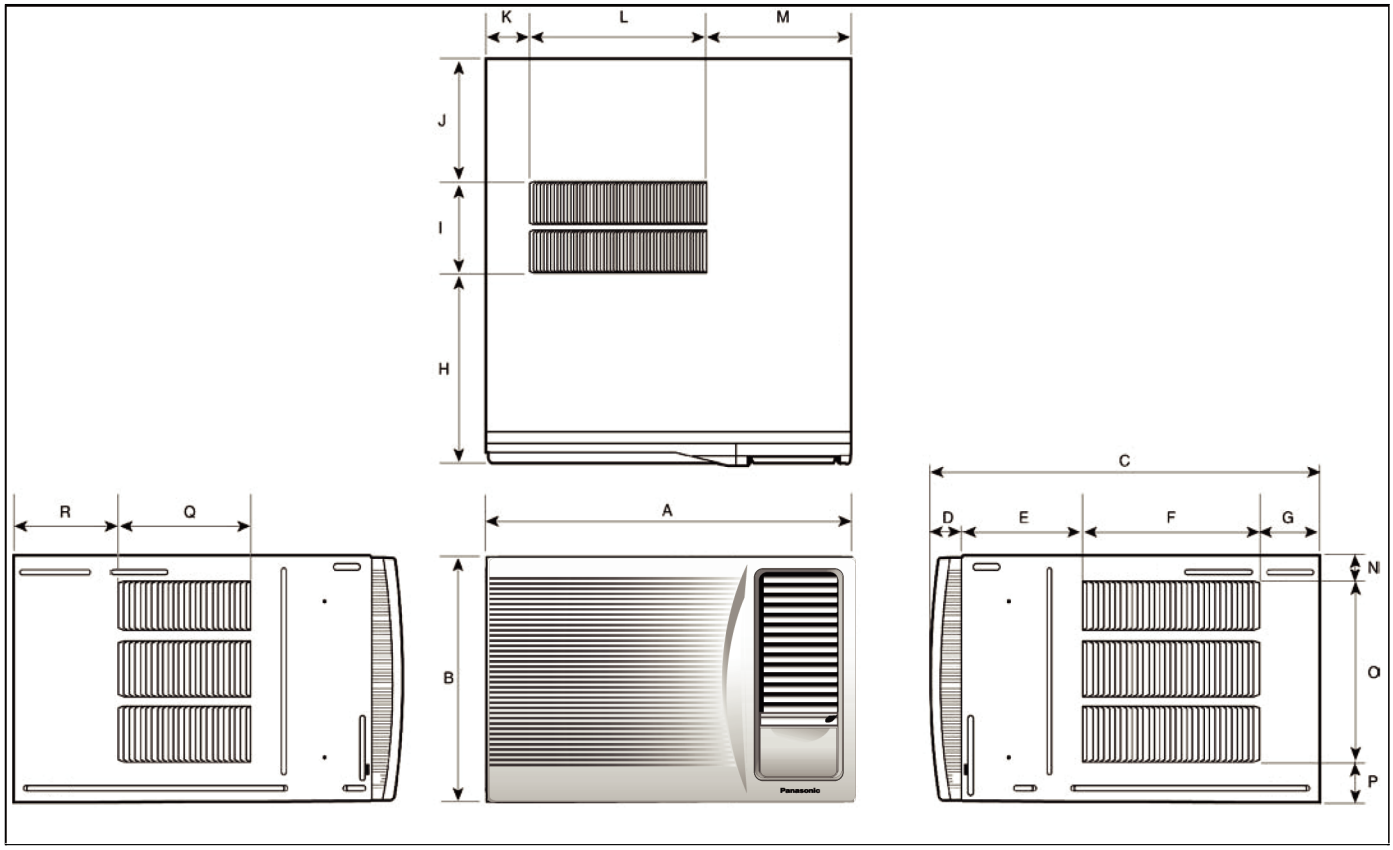
1 Product Specifications

Model	CW-C182KF-W/M CW-C183KF-W/M	CW-C242KF CW-C243KF
Phase	Single	Single
Voltage	220 - 240 V	220 - 240 V
Frequency	50 Hz	50 Hz
Capacity	5.33 - 5.40 kW 18,200 - 18,400 Btu/h	6.95 - 7.10 kW 23,700 - 24,200 Btu/h
Running Current	9.7 A-9.7A	13.7 - 13.9 A
Input Power	2.02 - 2.12 kW	2.81 - 2.98 kW
EER	2.64 - 2.55 W/W	2.47 - 2.38 W/W
Starting Current	55 A	67 A
Noise Level	Indoor (High / Low): 51 - 52 / 47 - 48 dB(A) Outdoor (High / Low): 58 - 59 / 54 - 55 dB(A)	Indoor (High / Low): 57 - 58 / 54 - 55 dB(A) Outdoor (High / Low): 63 - 64 / 60 - 61 dB(A)
Fan Motor Output	110 W	190 W
Compressor Output	1.5 kW	2.0 kW
Moisture Removal	2.9 Ltr/h 6.1 Pint/h	4.0 Ltr/h 8.5 Pint/h
Air Circulation	14.0 - 14.5 m^3/min. 490 - 510 Ft^3/min.	17.4 -18.0 m^3/min. 610 - 630 Ft^3/min.
Dimensions	Height: 16-7/8 inches (428 mm) Width: 26 inches (660 mm) Depth: 30-11/32 inches (770 mm)	Height: 16-7/8 inches (428 mm) Width: 26 inches (660 mm) Depth: 30-11/32 inches (770 mm)
Net Weight	70 kg 155 Ib	71.5 kg 158 Ib
Refrigerant (R-22)	880 g 31 oz	1100 g 38.8 oz

Note: Specifications are subject to change without notice for further improvement.

2 Dimensions

2.1. Top View, Front View & Side View.



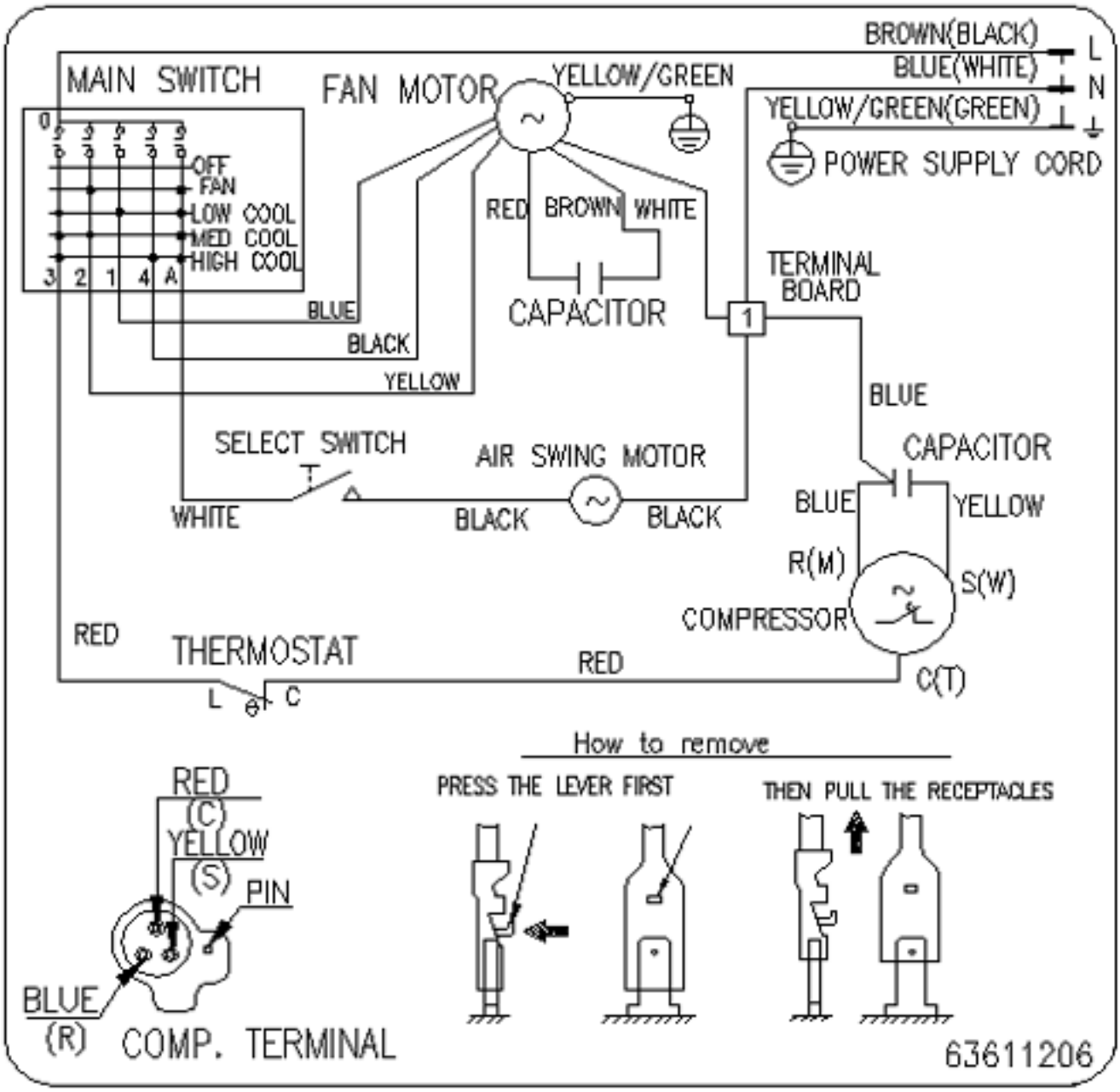
2.2. Unit.

Item	CW-C182KF-W,CW-C182KF-M,CW-C242KF CW-C183KF-W,CW-C183KF-M,CW-C243KF
A - Width	26” (660)
B - Height	16-7/8” (428)
C - Depth	30-11/32” (770)
D	1-31/32” (50)
E	8-25/32” (223)
F	10-1/4” (260)
G	9-11/32” (237)
H	12-25/32” (325)
I	7-15/32” (190)
J	10-1/32” (255)
K	3-5/32” (80)
L	12-15/32” (317)
M	10-11/32” (263)
N	1-21/32” (42)
O	12-7/16” (316)
P	2-25/32” (70)
Q	12-7/32” (310)
R	7-15/32” (190)

Unit: Inch (mm)

3 Wiring Diagram

3.1. CW-C182KF-W/M, CW-C183KF-W/M.



3.1.1. Resistance of Fan Motor windings and the rated Capacitor.

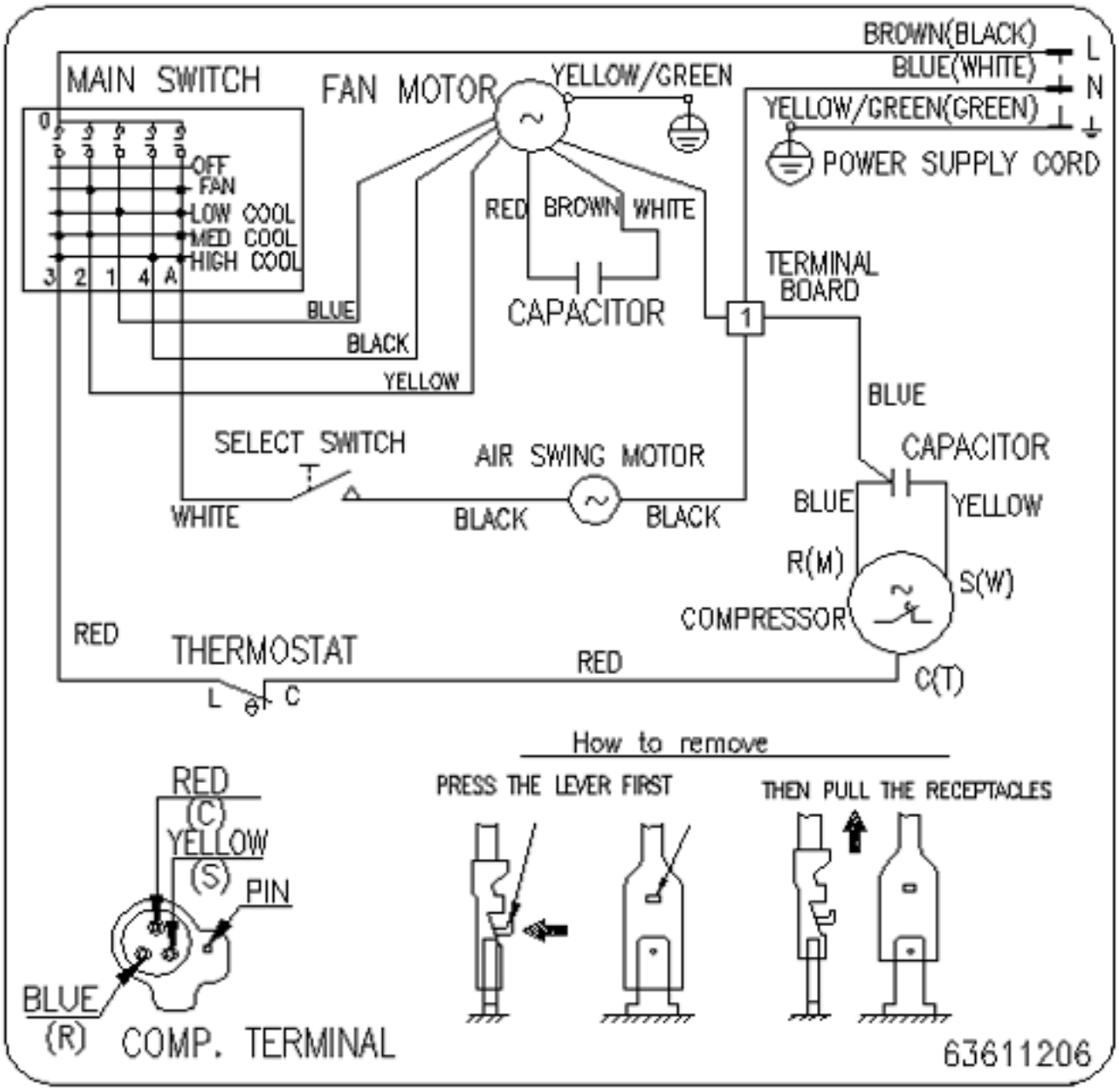
	CW-C182KF-W/M CW-C183KF-W/M
Connection	CJ110A
Main Resistance	30.8-46.2 Ω
Aux Resistance	28.1-42.1 Ω
Capacitor	CWR33010009 (7μF, 450VAC)

3.1.2. Resistance of Compressor windings and the rated Capacitor.

	CW-C182KF-W/M CW-C183KF-W/M
Connection	2JS318D4AA02
Main Resistance	1.247 Ω
Aux Resistance	2.358 Ω
Capacitor	CWR33010744 (45μF, 450VAC)

Note: Resistance at 20°C of Ambient Temperature.

3.2. CW-C242KF,CW-C243KF.



3.2.1. Resistance of Fan Motor windings and the rated Capacitor.

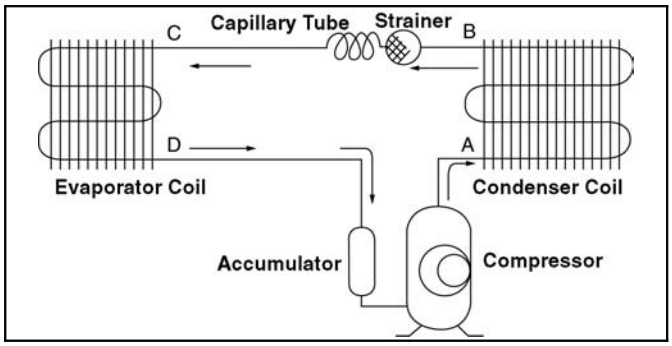
	CW-C242 (243) KF
Connection	CJ190A
Main Resistance	15.7-23.5 Ω
Aux Resistance	27.4-41.0 Ω
Capacitor	CWR33010024 (6μF, 450VAC)

3.2.2. Resistance of Compressor windings and the rated Capacitor.

	CW-C242 (243) KF
Connection	2JS438D4DA02
Main Resistance	0.844 Ω
Aux Resistance	3.082 Ω
Capacitor	CWR33000001 (50μF, 440VAC)

Note: Resistance at 20°C of Ambient Temperature.

4 Refrigeration Cycle Diagram



	CW-C182 (183) KF-W/M		CW-C242 (243) KF	
Item	Pressure (MPa)	Temperature (°C)	Pressure (MPa)	Temperature (°C)
A	2.09 ~ 2.19	64 ~ 83	2.23 ~ 2.30	72 ~ 88
B	1.94 ~ 2.04	38 ~ 48	2.01 ~ 2.16	35 ~ 45
C	0.54 ~ 0.63	8 ~ 12.5	0.52 ~ 0.56	6.5 ~ 10.5
D	0.48 ~ 0.54	5.5 ~ 13.5	0.50 ~ 0.54	4 ~ 12

Note: Indoor temperature at 27°C (DB), 19°C (WB) and Outdoor at 35°C (DB), 24°C (WB) for Cooling.

5 Air Conditioner Performance Evaluation

Intake & Discharge Air Temperature Difference	Current Drain	Determination	Remedy
• 8°C and over (14.4°F)	• As specified.	• Nothing wrong.	• None.
• 8°C and over (14.4°F)	• Higher than specified.	• Nothing wrong, outdoor temperature is too high, heat radiation is not efficient.	• Improve heat radiation.
• Under 8°C (14.4°F)	• Higher than specified.	• Something is preventing heat radiation.	• Excessive amount of refrigerant. • Improve heat radiation.
• Under 8°C (14.4°F)	• Lower than specified.	• Leakage of refrigerant or refrigerant system is blocked.	• Locate and repair leak. • Flush refrigeration cycle.
• Under 8°C (14.4°F)	• Higher than specified by 50%.	• Compressor defect or compressor capacitor defect.	• Replace the compressor or compressor capacitor.

Note: Room air humidity is relatively higher, the temperature difference will be smaller.

6 Troubleshooting Guide

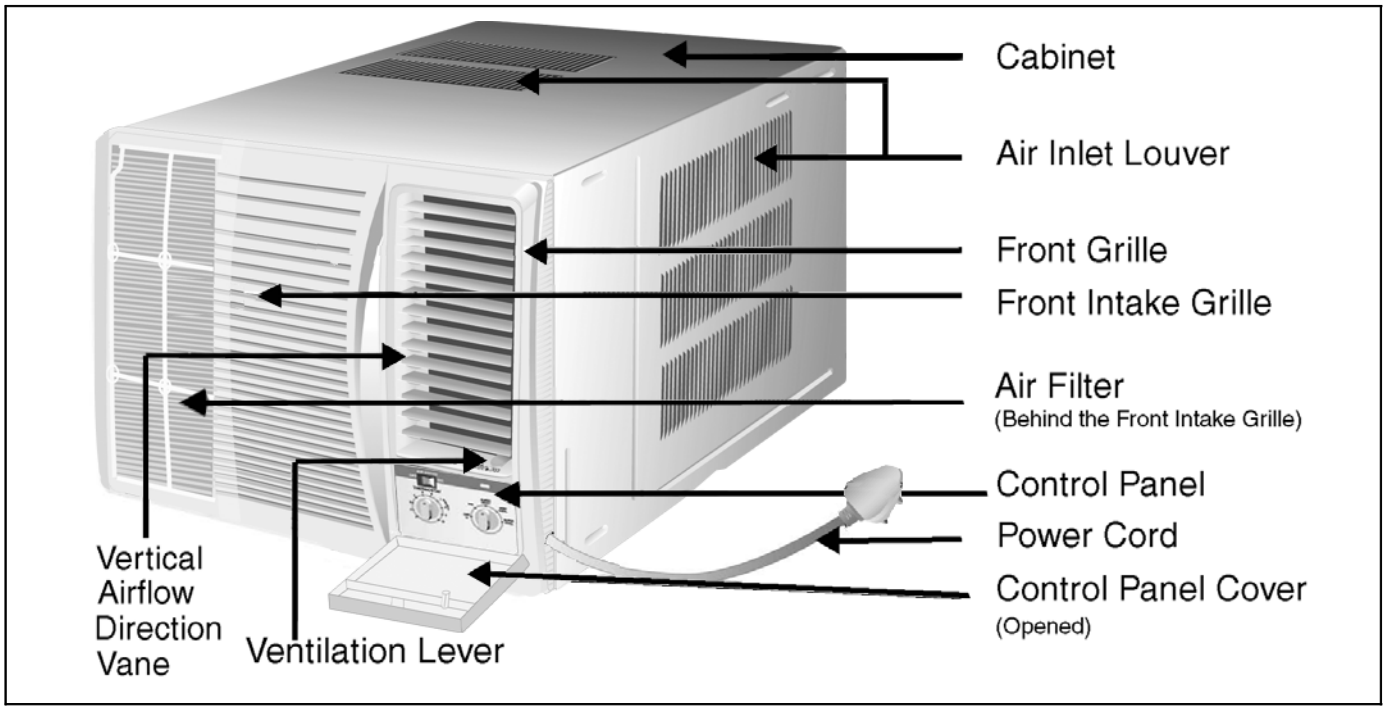
⚠ **Warning: Disconnect unit from electrical power supply before making any electrical checks.**

Trouble	Check	Result	Cause	Remedy
Fan Motor and Compressor won't run.	• Supply Voltage • Fuse Box or Circuit Breaker. • Power cord or Wiring Harness. • Thermostat Setting.	• Less than 10% by Rated. • Open Contacts. • Pulled loose or Shorted. • Higher than room temp.	• Temporary or Permanent? • Customer Restarted unit immediately without waiting 3 minutes.	• Consult ELECTRICIAN, If permanent. • Repair Open Circuit. • WAIT FOR 3 MINUTES. • Repair or Replace it. • Set it LOWER.
Fan Motor won't run (Compressor run).	• Objects around Fan. • RESISTANCE between Wires. • Capacitor Fan Motor. • Main Control Switch.	• Locked Fan. • Shorted / Open circuit. • OHM Meter doesn't Deflect. • No contacts at Position Shown.	• Fan Hitting Cowling or • Foreign Materials. • Frozen Bearings. • Shorted or Burned out. • Capacitor Defect. • Main Control Switch defect.	• Adjust Fan position setting screw. • Remove Foreign Materials. • Replace Fan Motor. • Replace Fan Motor. • Replace Capacitor Fan. • Replace Main Control Switch.
Compressor won't run (Fan run).	• Thermostat setting. • RESISTANCE between Terminal and the Compressor Body. • RESISTANCE between Terminals. • Overload Protector. • Capacitor Compressor. • Thermostat. • Main Control Switch.	• Higher than room temp. • Shorted. • Shorted. • Infinity between Terminals. • OHM Meter doesn't deflect. • No click heard. • No contacts at Position Shown.	• Winding Coil touched to the compressor shell. • Rear Shorted or Burnt out. • Overload Protector defect. • Capacitor defect. • Thermostat defect. • Main Control Switch defect.	• Set it lower. • Replace Compressor. • Replace Compressor. • Replace Overload Protector. • Replace Capacitor Compressor. • Replace Thermostat. • Replace Main Control Switch.

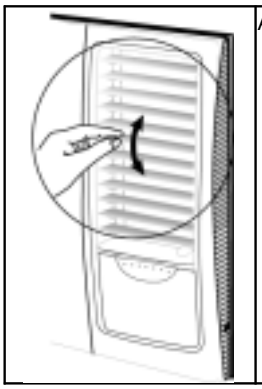
Trouble	Check	Result	Cause	Remedy
Air Swing won't run.	• Air Swing Switch. • Resistance between wires.	• OFF position. • No contact at position. • OHM Meter doesn't deflect.	• Open circuit. • Shorted or open circuit.	• Set it ON. • Replace Air Swing Switch. • Replace Air Swing Motor.
Insufficient cooling.	• Thermostat Setting. • Ventilation door open. • Air filter dirty. • Location of installation. • Evaporator / Condenser Coil obstructed. • Unit capacity for the room too small. • Temp difference and running current.	• Higher than room temp. • Open. • Clogged or dirty. • Sunlight hitting outdoor side. • Obstacles. • Clogged or dirty. • Not satisfied. • REFER TO PERFORMANCE EVALUATION.	• Reduces capacity. • Restricted air circulation. • Restricted Heat Exchanger. • Restricted Heat Exchanger. • Restricted air circulation. • Leakage of refrigerant or refrigeration system is blocked.	• Set it lower. • Close Vent. door. • Clean or replace Air Filter. • Consider building an AWNING. • Remove obstacles or reinstall unit. • Clean the coils. • Replace the unit with bigger one. • Locate repair leak. • Flush refrigeration cycle.
Noise.	• Source of Noise	• Vibration. • Intermittent Noise.	• Faulty installation. • Fan hitting objects. • Refrigerant tubing touching each other.	• Reinstall unit or Reinforce the installation. • Adjust Fan position or remove foreign materials. • About 1/2" Clearance needed.
Water dripping inside room.	• Unit installation. • Drain Tray-Styrofoam pieces blocking drain channel.	• Tilted to inside room. • Clogged.	• Restricted run off. • Clogged or blocked.	• Tilt unit to outside slightly. • Remove the foreign materials.
Frozen Evaporator	• Thermostat setting. • Air filter / Evaporator. • Temp. difference and running current.	• Set too low for ambient conditions. • Clogged or Dirty. • REFER TO PERFORMANCE EVALUATION.	• Outdoor temp. low (Night time). • Restricted air circulation. • Leakage of refrigerant or refrigeration system is blocked.	• Set the Main Control Knob to Fan to melt ice and set the Temp. Control to higher temperature. • Clean Air filter / Evaporator. • Locate and repair leak. • Flush refrigeration cycle.

7 Operating Instructions

7.1. Parts Identification.



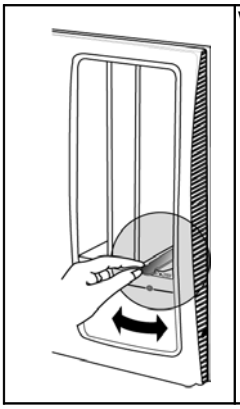
7.1.1. Vertical Airflow Direction Vane.



Airflow direction adjustment Up-and-Down.

- The vertical airflow direction vane is controlled by positioning the vane to discharge the air upwards, downwards or straight out.

7.1.2. Ventilation Lever.



When the slide lever is in the:

- "OPEN" position, the ventilation door opens to allow air, smoke or odours to be expelled from the room.
- "CLOSE" position, the ventilation door is closed and the air will be circulated inside the room and conditioned.

7.1.3. Recommended.

Use the air conditioner under the following conditions:

- When humidity does not exceed 90% and room temperature is above 21°C.
  - – Continuous operation at humidities of over 90% may cause condensation to form on the intake and outlet vanes.

7.2. How to Operate.

(1) Open the Control Panel Cover.

Fig. 1

(2) Power Supply

Switch off the breaker and set the Main Control Knob to the OFF position before connecting the power plug cord to an independent power supply.

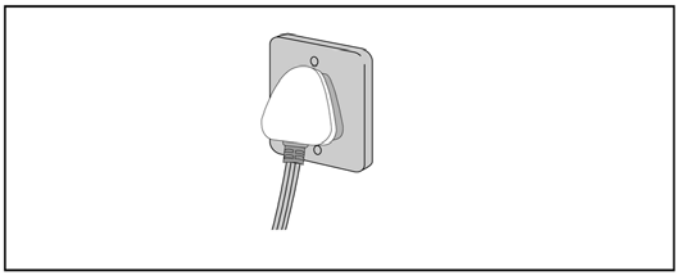


Fig. 2

(3) Main Control Knob

Set the Main Control Knob to either Super Quiet, High Cool or Super Cool as desired, FAN setting operates the fan only.

Caution: If the Main Control Knob is turned off or changed to a fan setting from a cooling operation setting, WAIT at least 3 minutes before resetting to cooling operation.

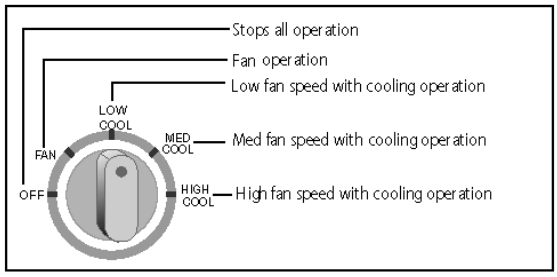


Fig. 3

(4) Thermostat Control Knob

Turn the Thermostat Control Knob as shown in Fig. 4. Usually “6” ~ “7” is the recommended setting position.

Note: When the Thermostat Control Knob is set to “10”, moisture may freeze onto the evaporator fins and prevent effective cooling. If this happens, turn the Main Control Knob to FAN, and the Thermostat Control Knob counterclockwise. This will quickly defrost the evaporator fins so that normal cooling can be resumed.

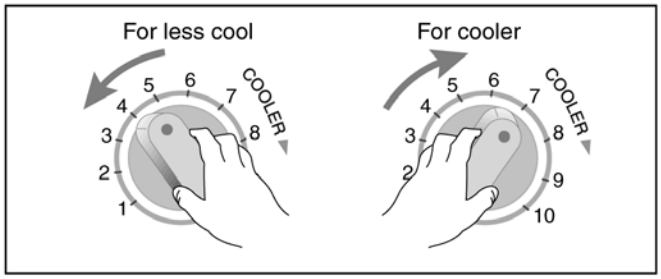


Fig.4

(5) Air Swing Switch

(Airflow direction adjustment side-to-side)

To obtain a fixed airflow direction, set the Air Swing Switch to “ON” for the vanes to swing from side to side until the desired flow direction is reached, then switch it to “OFF”.

For continuous side-to-side air circulation, set the Air Swing Switch to “ON”.

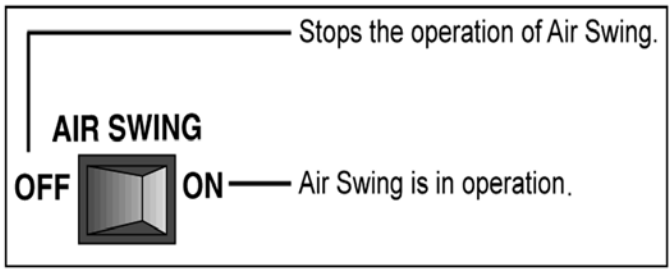


Fig. 5

8 How to Install

8.1. Before installing the air conditioner, please read the following:

8.1.1. Electrical Work.

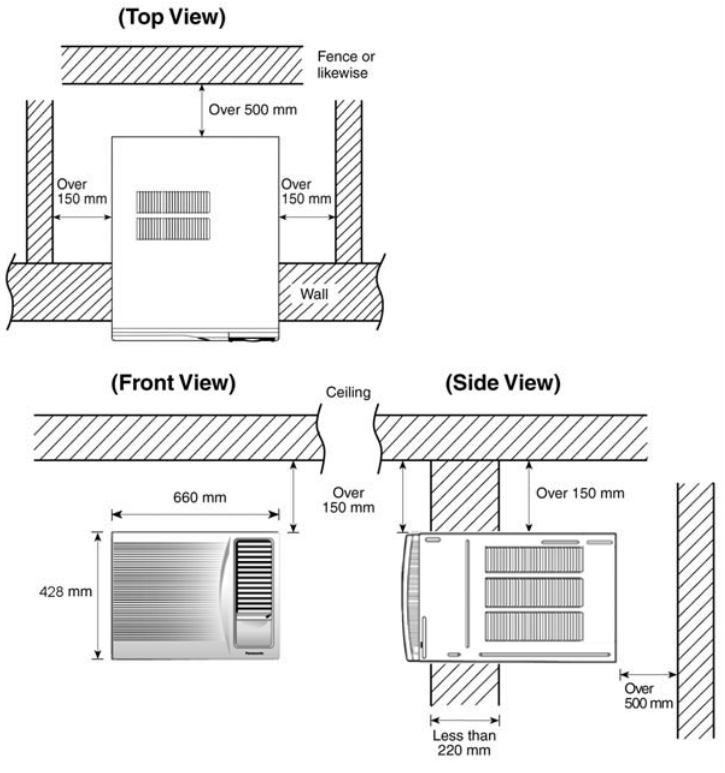
- Always use at the rated voltage and with a specific air conditioning circuit.
- Power supply point shall be the place where there is ease for the power disconnection in case of emergency.
- Some installation locations may require installation of a short-circuit breaker.
- Time delay fuse or circuit breaker rating is 16 Amp. for CW-C182 (183) KF-W/M and 25 Amp. for CW-C242 (243) KF.
- Nominal cross sectional area of power supply wire must be 3 core x 2.0 mm^2 or above (CW-C182KF-W/M,CW-C183KF-W/M) and 3 core x 3.5 mm^2 or above (CW-C242KF,CW-C243KF).
- The power supply must be from an independent circuit.
- All electrical installations must be made in accordance with local wiring and safety regulations wherever applicable.
- There must be a double pole switch with minimum of 3 mm contact gap in the fixed installation circuit (Applicable for models without power supply plug only).

8.1.2. Select the Best Location.

- Install the unit at the nearest power outlet.
- The air conditioner should be installed in a dry place where there are no draughts.
- Condensation from the air conditioner must be drained into an appropriate location.
- Do not install in a location where flammable gas leaks is a possibility.
- Usage in locations where the air is salty such as coastal areas or near hot spas, or where sulphurous gas is generated, may lead to a malfunction.
- Do not install this appliance in a laundry room or other locations where water may drip from the ceiling, etc.
- Select an installation location which is rigid and strong enough to support or hold the unit and select a location for easy maintenance.

8.2. Preparation for Installation.

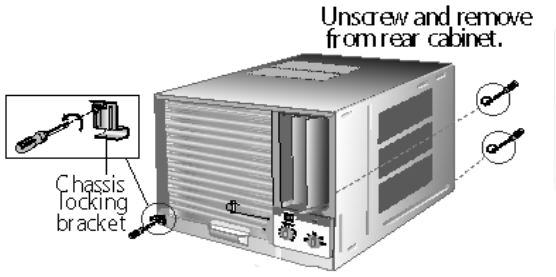
- There should not be any obstacles surrounding the unit.
- Prepare an installation hole that is only slightly bigger than the cabinet size.



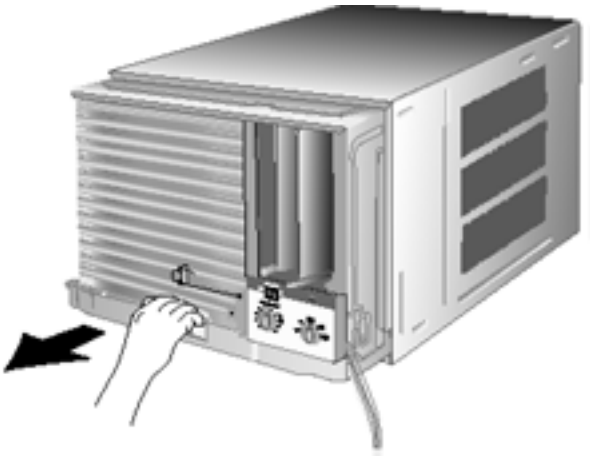
8.3. Installation Procedures.

8.3.1. Remove the Chassis Locking Bracket and screws.

- Unscrew and remove the Chassis Locking Bracket from the front of the Cabinet. Remove the two screws from the rear of the Cabinet (For transportation purpose only).

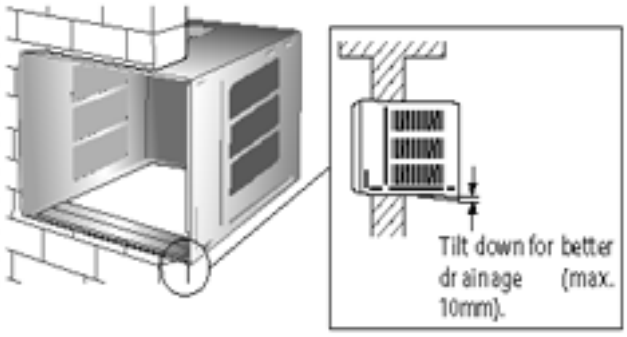


8.3.2. Slide the Chassis out from the Cabinet.

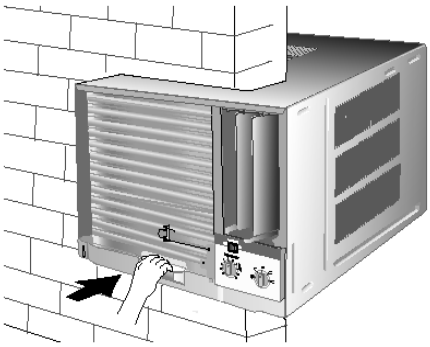


8.3.3. Place Cabinet into the installation hole, then secure it with wood screws or nails.

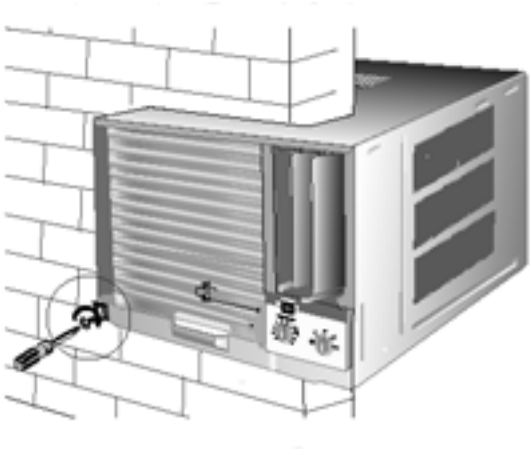
- Note: Tilt down for better drainage (max. 10 mm).



8.3.4. Slide the Chassis back into the Cabinet.

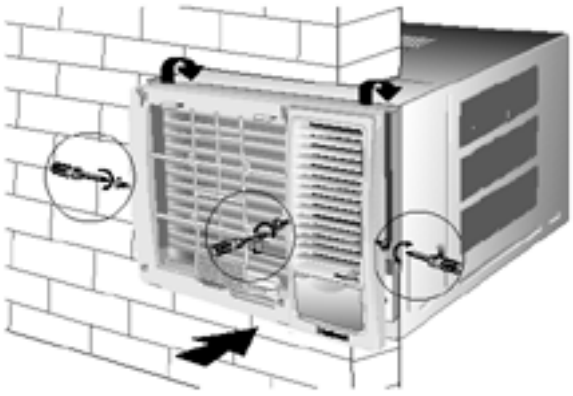


8.3.5. Lock the Chassis to the Cabinet reusing the Chassis Locking Bracket and screw.

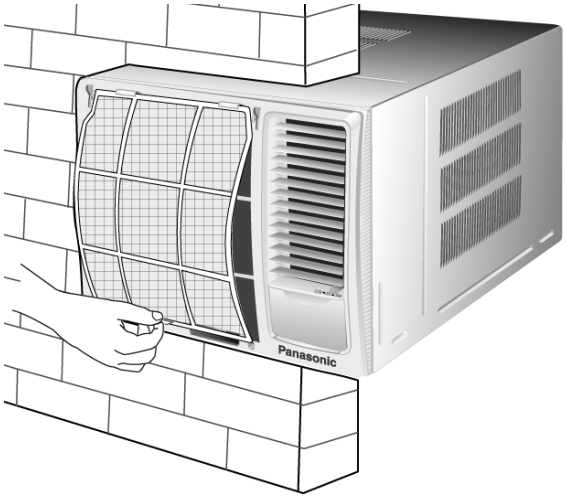


8.3.6. Attach the Front Grille to the Cabinet and fasten it with screws.

- Note: Depending upon the location of the AC outlet, route the AC cord to either the left or right side while installing the Front Grille.

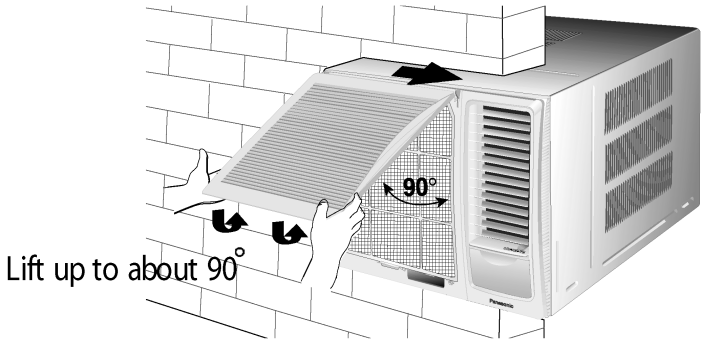


8.3.7. Insert the Air Filter.



8.3.8. Attach the Front Intake Grille.

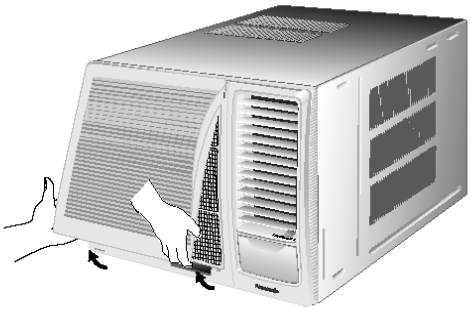
- Slide the Front Intake Grille slightly to the right to attach it, then push down to secure it.

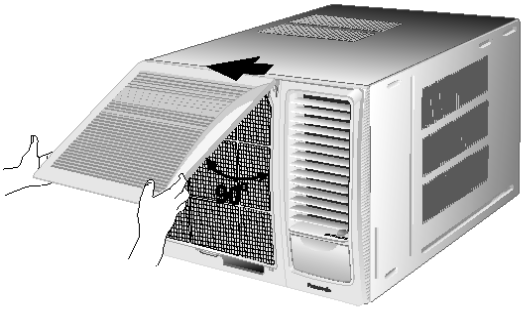


8.4. Removal of the Front Grille.

8.4.1. Remove the Front Intake Grille.

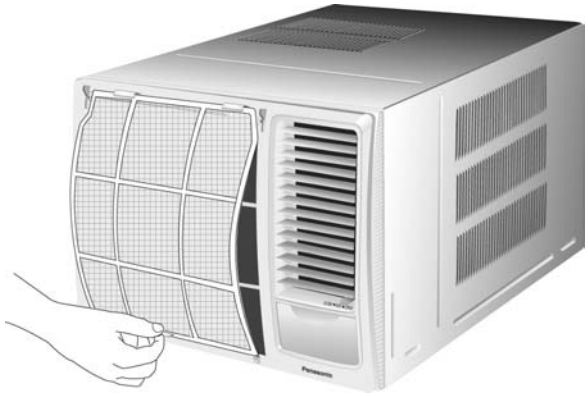
- Raise the Front Intake Grille by approximately 90°. Slide it to the left to unhinge then pull outwards.





8.4.2. Remove the Air Filter.

- Lift the air filter by the holder and pull outwards.



8.4.3. Remove the Front Grille.

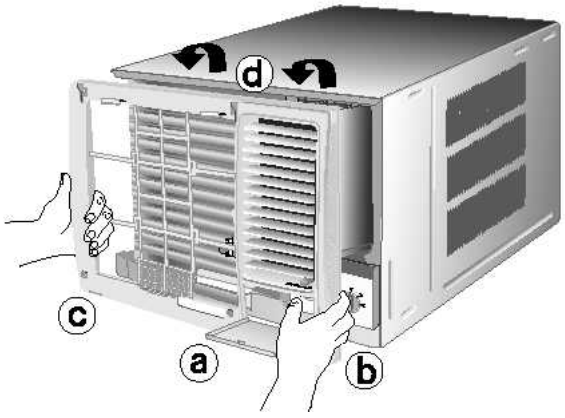
a. Open the Control Panel cover.

When performing the following steps, do not pull the bottom edge of the Front Grille towards you more than 3 inches or you may damage the top tabs.

b. Press inward on the Cabinet near the bottom right side of the Front Grille while pulling the Front Grille to the right then slightly towards you to release the right tab.

c. Press inward on the Cabinet near the bottom left side of the Front Grille while pulling the Front Grille to the left then slightly towards you to release the left tab.

d. Slide the Front Grille upwards to release the two top tabs.



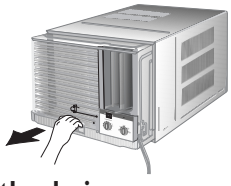
8.5. Condensed Water Drainage

This air conditioner employs a "Slinger-Up System" which is designed to splash the condensed water on the condenser coil for maximum cooling efficiency, thus producing a splashing sound. If the splashing sound annoys you, you can provide an outside drainage by using the following procedure which may, however, cause a small loss of performance.

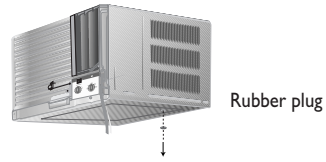
Note:

If the unit is installed at coastal area, drainage of condensed water is recommended to prevent the condenser being corroded easily.

❶ Slide the chassis out from the cabinet



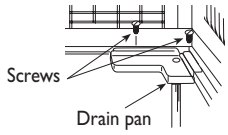
❷ Remove the rubber plug from the base pan



❸ Install the drain pan

Install the drain pan at the right corner of the cabinet.

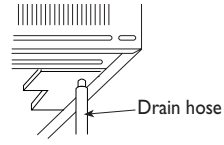
INTERNAL VIEW



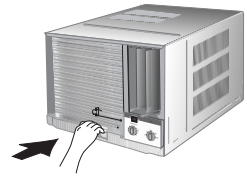
❹ Connect the drain hose

EXTERNAL VIEW

Bottom side view with drain pan.



❺ Slide the chassis back into the cabinet



Note: Drain hose or tubing can be purchased locally to satisfy your particular needs.

Transferring

- Repositioning or transfer of the air conditioner due to renovation or moving requires an additional service charge. Please consult your dealer before moving.

9 Care and Maintenance

⚠ **Caution: Always turn off the air conditioner and the main power supply before unplugging the power cord to clean the unit.**

9.1. Cleaning the Unit.

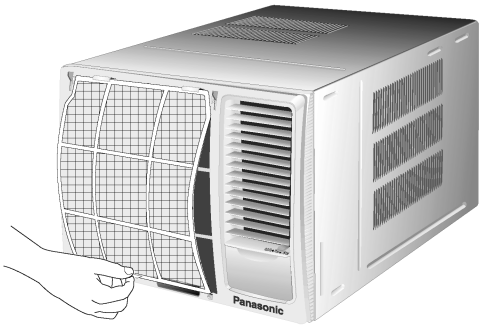
Clean the Cabinet, Front Grille with a mild soap or detergent and lukewarm water.

9.2. Cleaning the Front Intake Grille.

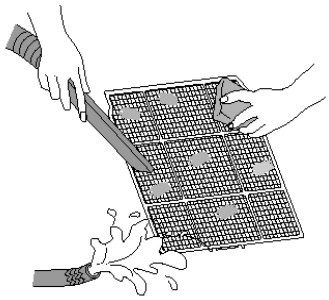
Gently wash with water and a sponge. (Do not use a scrubbing brush or other hard cleaning aids).

9.3. Cleaning the Air Filter.

1. Remove the Front Intake Grille.
2. Tilt up and pull out the Air Filter by the holder.



3. Vacuum the front of the filter and then wash the back of it with water. If it is badly soiled, wash with a mild household detergent.

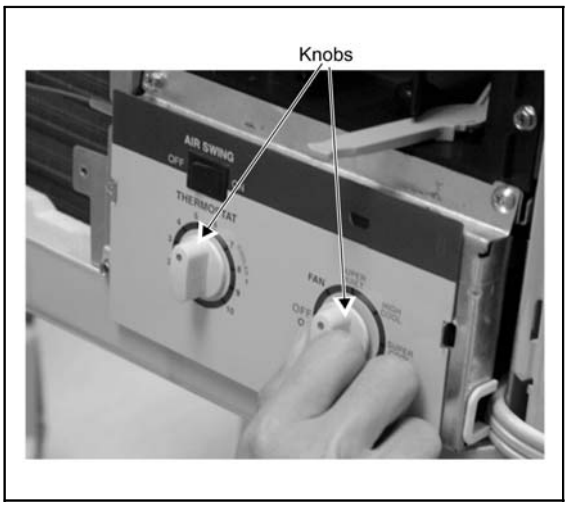


Note: Do not clean with benzene, thinner, scouring powder or corrosive chemicals. Do not dry the Front Intake Grille or the Air Filter in direct sunlight. Exposure to direct sunlight may discolor or deform the panel.

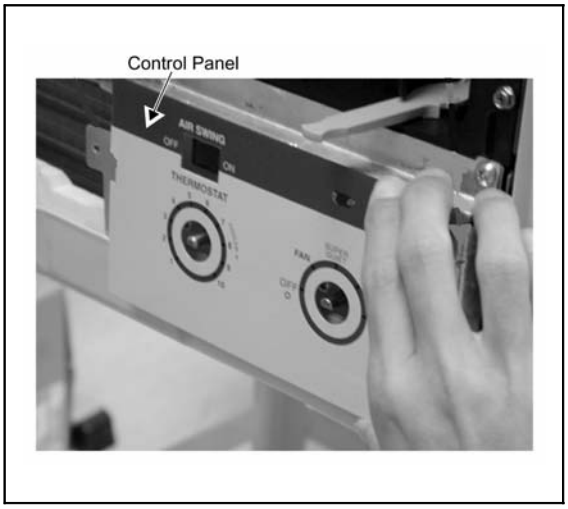
10 Service Information

10.1. Removal of the Control Board

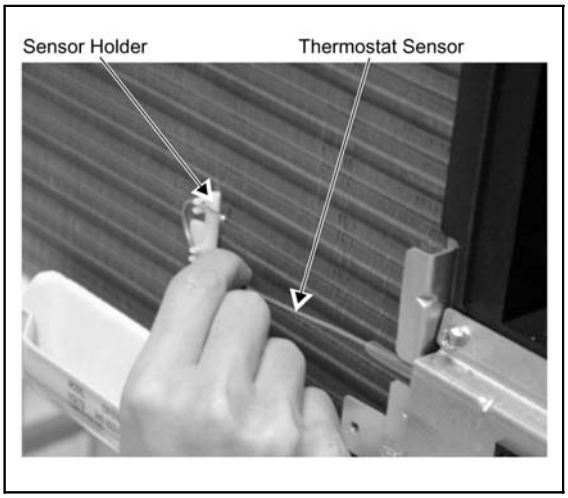
1. Remove the Front Intake Grille (refer to page 12).
2. Remove the Air Filter (refer to page 12).
3. Remove the Front Grille (refer to page 12).
4. Remove the 2 knobs.



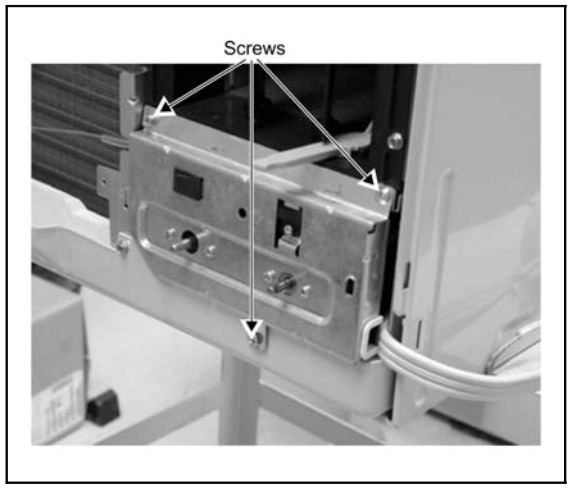
5. Take off the Control Panel.



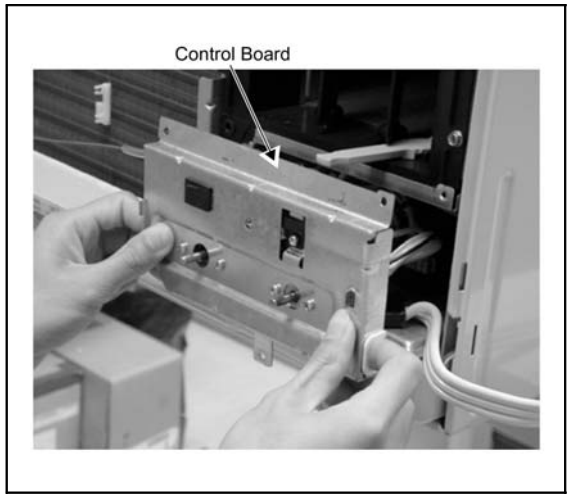
6. Release the thermostat sensor from the sensor holder.



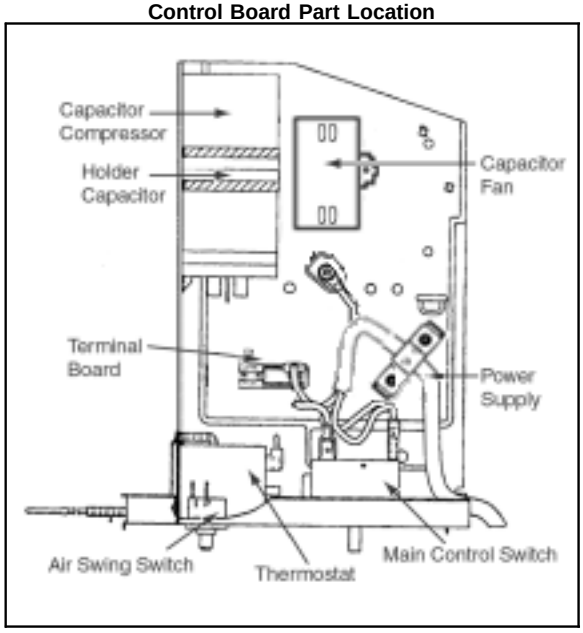
7. Loosen the 3 screws of the Control Board.



8. Slide the Control Board out from the chassis.



Control Board Part Location

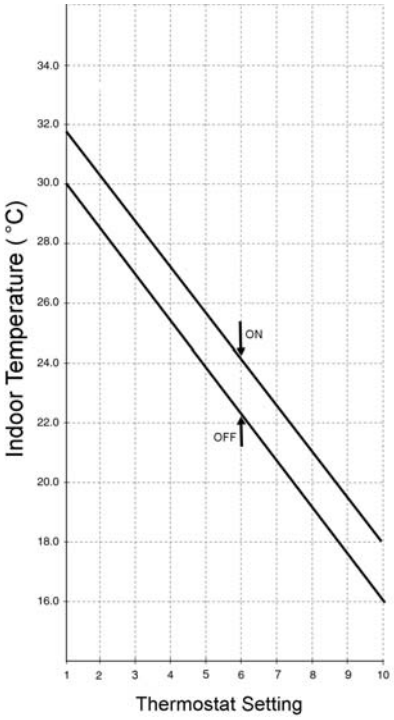


11 Technical Data

11.1. Thermostat Characteristics.

11.1.1. CW-C182KF-W/M, CW-C183KF-W/M,CW-C242KF, CW-C243KF.

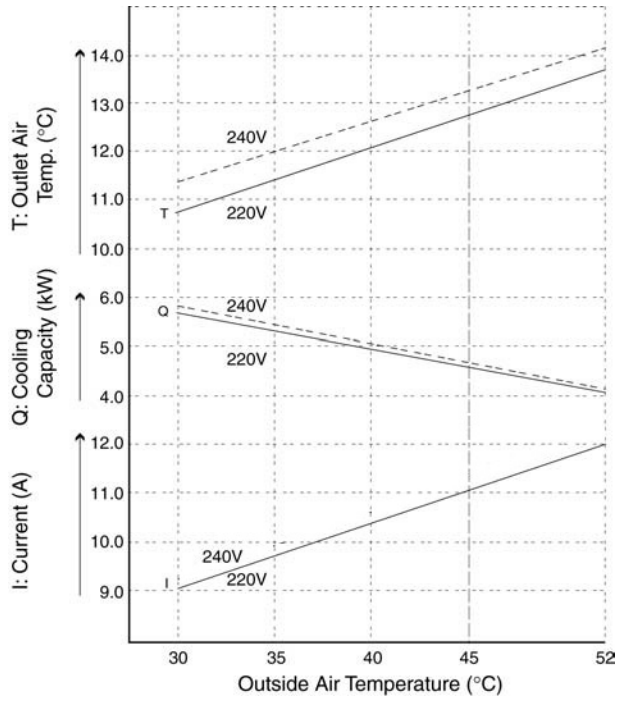
11.1.1.1. Mechanical Thermostat.



11.2. Operation Characteristics.

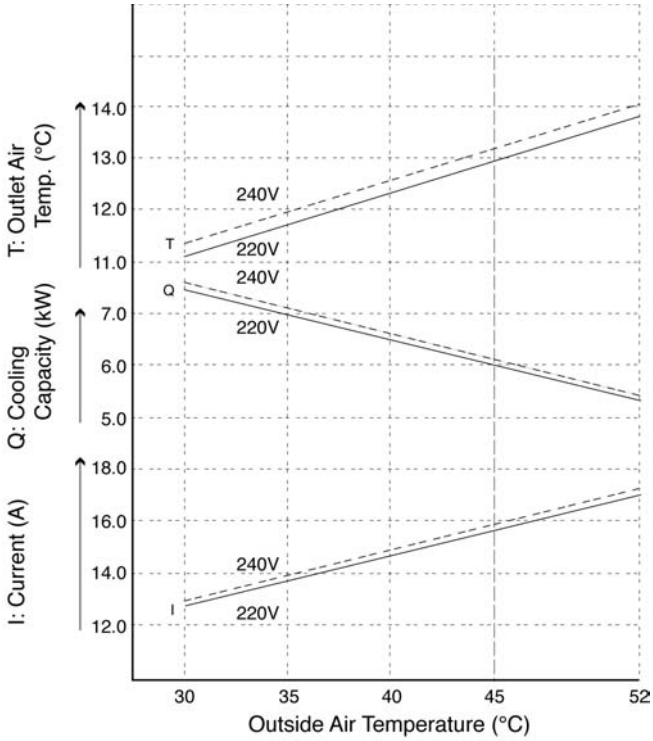
11.2.1. CW-C182KF-W, CW-C182KF-M. CW-C183KF-W, CW-C183KF-M.

11.2.1.1. Cooling Characteristics Vs. Outdoor Temperature.

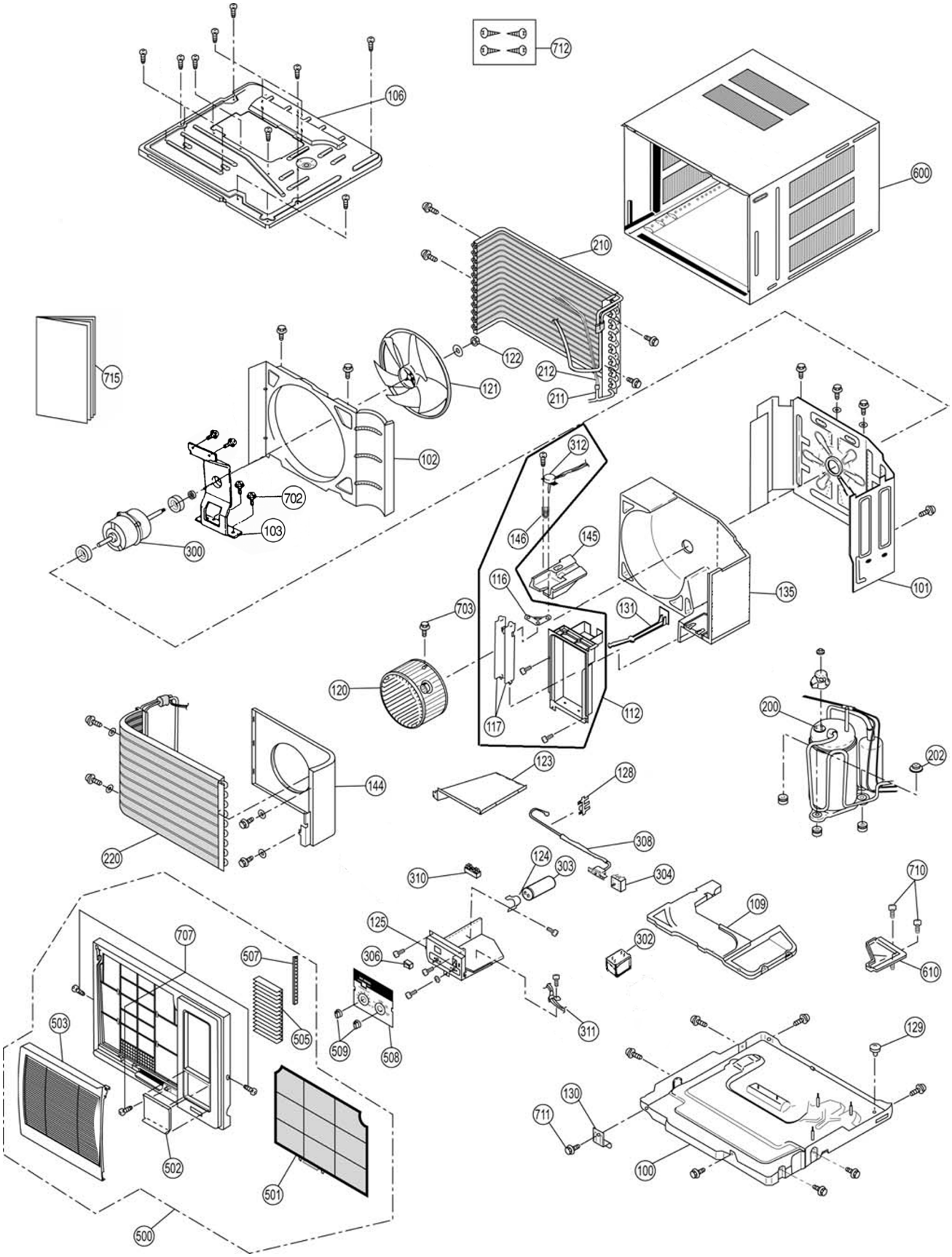


11.2.2. CW-C242KF,CW-C243KF.

11.2.2.1. Cooling Characteristics Vs. Outdoor Temperature.



12 Exploded View



(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.

13 Replacement Part List

13.1. CW-C182(183)KF-W, CW-C242(243)KF.

Ref. No.	Part Name & Description	Qty.	CW-C182KF-W	CW-C183KF-W	CW-C242KF	CW-C243KF
100	Base Pan Complete	1	CWR012116021	<----	<----	<----
101	Bulkhead Complete	1	CWR01231606	<----	<----	<----
102	Air Guide - Propeller Fan	1	CWR01231603	<----	<----	<----
103	Bracket - Fan Motor	1	CWR01701605	<----	<----	<----
106	Top Plate	1	CWR01251601	<----	<----	<----
109	Drain Tray - Evaporator	1	CWR12411007	<----	<----	<----
112	Discharge Grille Complete	1	CWR01441601	<----	<----	<----
116	Connecting Bar - Air Swing Vanes	1	CWR10581602	<----	<----	<----
117	Vane - Air Swing	2	CWR10511601	<----	<----	<----
120	Blower Wheel Complete	1	CWR10311602	<----	<----	<----
121	Propeller Fan	1	CWR10331601	<----	<----	<----
122	Nut - Propeller Fan	1	CWR70310126	<----	<----	<----
123	Control Board (Aux.1)	1	CWR01221601	<----	<----	<----
124	Holder - Capacitor (Compressor)	1	CWR01241601	<----	<----	<----
125	Control Board (Main)	1	CWR01411601	<----	<----	<----
128	Holder - Sensor	1	CWR26271276	<----	<----	<----
129	Drain Plug - Base Pan	1	CWR76711012	<----	<----	<----
130	Chassis Locking Bracket	1	CWR01211601	<----	<----	<----
131	Ventilation Lever	1	CWR10581605	<----	<----	<----
135	Air Guide - Blower Wheel	1	CWR12101602	<----	<----	<----
144	Air Guide - Blower Wheel (Front)	1	CWR01231604	<----	<----	<----
145	Rectification Plate	1	CWR12311601	<----	<----	<----
146	Inflectional Aixs	1	CWR10561601	<----	<----	<----
200	Compressor	1	2JS318D4AA02	<----	2JS438D4DA02	<----
202	Nut - Compressor Mount	3	CWR70310014	<----	<----	<----
210	Condenser	1	CWR01101605	<----	CWR01101604	<----
211	Strainer	1	CWR07211106	<----	<----	<----
212	Capillary Tube	1	CWR03001809	<----	CWR03001807	<----
220	Evaporator	1	CWR01001603	<----	<----	<----
300	Fan Motor	1	CWR15011502	<----	CWR15011603	<----
302	Capacitor - Fan Motor	1	CWR33010009	<----	CWR33010024	<----
303	Capacitor - Compressor	1	CWR33010744	<----	CWR33000001	<----
304	Main Control Switch	1	CWR45010312	<----	<----	<----
306	Switch - Air Swing	1	CWR45020104	<----	<----	<----
308	Thermostat	1	CWR45040014	<----	<----	<----
310	Terminal Board	1	CWR42011147	<----	<----	<----
311	Power Supply Cord	1	CWR40020486	<----	CWR400204861	<----
312	Air Swing Motor	1	CWR15211006	<----	<----	<----
500	Front Grille Complete	1	CWR20001603	<----	<----	<----
501	Air Filter	1	CWR111200021	<----	<----	<----
502	Grille Door	1	CWR20161601	<----	<----	<----
503	Intake Grille	1	CWR20001602	<----	<----	<----
505	Vane	14	CWR10511602	<----	<----	<----
507	Link - Vanes	1	CWR10581604	<----	<----	<----
508	Control Panel	1	CWR20161603	<----	<----	<----
509	Knob Complete - Turning	2	CWR45031125	<----	<----	<----
600	Cabinet Complete	1	CWR01431603	<----	<----	<----
610	Drain Pan	1	CWR20181801	<----	<----	<----
702	Screw - Bracket Fan Motor	4	CWR70140032	<----	<----	<----
703	Screw - Blower Wheel	1	CWR70110028	<----	<----	<----
707	Screw - Front Grille Mount (3 Screws)	1	CWR70140362	<----	<----	<----
710	Screw - Drain Pan (2 Screws)	1	CWR70140561	<----	<----	<----
711	Screw - Chassis Locking Bracket	1	CWR70140561	<----	<----	<----
712	Screw - Unit Installation (4 Screws)	1	CWR70140234	<----	<----	<----
715	Operating Instructions	1	CWR66121277	<----	<----	<----

13.2. CW-C182KF-M, CW-C183KF-M.

Ref. No.	Part Name & Description	Qty.	CW-C182KF-M	CW-C183KF-M
100	Base Pan Complete	1	CWR012116021	<----
101	Bulkhead Complete	1	CWR01231606	<----
102	Air Guide - Propeller Fan	1	CWR01231603	<----
103	Bracket - Fan Motor	1	CWR01701605	<----
106	Top Plate	1	CWR01251601	<----
109	Drain Tray - Evaporator	1	CWR12411007	<----
112	Discharge Grille Complete	1	CWR01441601	<----
116	Connecting Bar - Air Swing Vanes	1	CWR10581602	<----
117	Vane - Air Swing	2	CWR10511601	<----
120	Blower Wheel Complete	1	CWR10311602	<----
121	Propeller Fan	1	CWR10331601	<----
122	Nut - Propeller Fan	1	CWR70310126	<----
123	Control Board (Aux.1)	1	CWR01221601	<----
124	Holder - Capacitor (Compressor)	1	CWR01241601	<----
125	Control Board (Main)	1	CWR01411601	<----
128	Holder - Sensor	1	CWR26271276	<----
129	Drain Plug - Base Pan	1	CWR76711012	<----
130	Chassis Locking Bracket	1	CWR01211601	<----
131	Ventilation Lever	1	CWR10581605	<----
135	Air Guide - Blower Wheel	1	CWR12101602	<----
144	Air Guide - Blower Wheel (Front)	1	CWR01231604	<----
145	Rectification Plate	1	CWR12311601	<----
146	Inflectional axis	1	CWR10561601	<----
200	Compressor (fittings)	1	2JS318D4AA02	<----
202	Nut - Compressor Mount	3	CWR70310014	<----
210	Condenser	1	CWR01101605	<----
211	Strainer	1	CWR07211106	<----
212	Capillary Tube	1	CWR03001809	<----
220	Evaporator	1	CWR01001603	<----
300	Fan Motor	1	CWR15011502	<----
302	Capacitor - Fan Motor	1	CWR33010009	<----
303	Capacitor - Compressor	1	CWR33010744	<----
304	Main Control Switch	1	CWR45010312	<----
306	Switch - Air Swing	1	CWR45020104	<----
308	Thermostat	1	CWR45040014	<----
310	Terminal Board	1	CWR42011147	<----
311	Power Supply Cord	1	CWR40020486	<----
312	Air Swing Motor	1	CWR15211006	<----
500	Front Grille Complete	1	CWR20001802	<----
501	Air Filter	1	CWR111200021	<----
502	Grille Door	1	CWR20161601	<----
503	Intake Grille	1	CWR20001602	<----
505	Vane	14	CWR10511602	<----
507	Link - Vanes	1	CWR10581604	<----
508	Control Panel	1	CWR20161603	<----
509	Knob Complete - Turning	2	CWR45031125	<----
600	Cabinet Complete	1	CWR01431603	<----
610	Drain Pan	1	CWR20181801	<----
702	Screw - Bracket Fan Motor	4	CWR70140032	<----
703	Screw - Blower Wheel	1	CWR70110028	<----
707	Screw - Front Grille Mount (3 Screws)	1	CWR70140362	<----
710	Screw - Drain Pan (2 Screws)	1	CWR70140561	<----
711	Screw - Chassis Locking Bracket	1	CWR70140561	<----
712	Screw - Unit Installation (4 Screws)	1	CWR70140234	<----
715	Operating Instructions	1	CWR66121277	<----

- The above parts are kept for seven years in accordance with MEI service policy.
- However, longer lead time will be taken in supplying the non-numbered parts.
- All parts are supplied from China (Vendor Code: 20614027).

Printed in China