

# Technical Information

## Room Air Conditioner

**CS-A7CKP CS-V7CKP**  
**CS-A9CKP CS-V9CKP**  
**CS-A12CKP CS-V12CKP**  
**CS-C7CKP CS-W7CKP**  
**CS-C9CKP CS-W9CKP**  
**CS-C12CKP CS-W12CKP**

**Subject : Indoor Electronic Controller (Main) Malfunction.**

### **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.

## CONTENTS

	Page		Page
1 Symptom .....	1	3 Remedy .....	2
2 Cause .....	1		

## 1 Symptom

Indoor fan motor will continuously operate ON and OFF for some period and later the whole operation will shut off automatically by itself.

## 2 Cause

Unstable power source or poor environment area such as high voltage fluctuation, frequent power surge or high humidity that caused the component of Electronic Controller (Main) malfunction after a period of time.

### 3 Remedy

Replace a New (\*) Electronic Controller (Main with addition inner protection control).

MODEL	MAIN-PCB: OLD PART NO.	MAIN-PCB: NEW (*) PART NO.
CS-C7CKP	CWA742976	SAME AS OLD PART NO.
CS-C9CKP	CWA742975	SAME AS OLD PART NO.
CS-C12CKP	CWA742874	SAME AS OLD PART NO.
CS-A7CKP	CWA742879	SAME AS OLD PART NO.
CS-A9CKP	CWA742878	SAME AS OLD PART NO.
CS-A12CKP	CWA742873	SAME AS OLD PART NO.
CS-V7CKP	CWA742978	SAME AS OLD PART NO.
CS-V9CKP	CWA742977	SAME AS OLD PART NO.
CS-V12CKP	CWA742874	SAME AS OLD PART NO.
CS-W7CKP	CWA742881	SAME AS OLD PART NO.
CS-W9CKP	CWA742880	SAME AS OLD PART NO.
CS-W12CKP	CWA742873	SAME AS OLD PART NO.

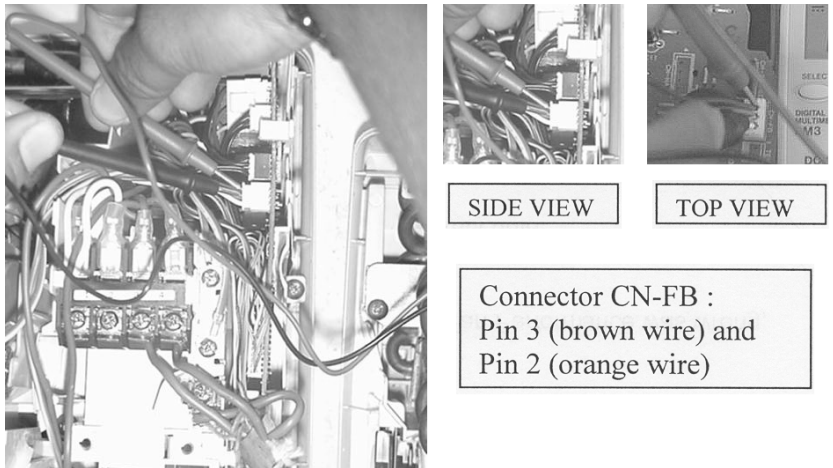
(\*) Improved version implement from 1-May-2003 onwards.

**CAUTION:**

After replace a New Electronic Controller (Main with addition inner protection control), immediately the unit still resumes the same problem or symptom; so there is possibility the fan motor is faulty.

Follow the below fan motor checking procedure:

Step 1 - Check the fan motor feedback voltage at Electronic Controller.



Step 2 - The measurement voltage must be constant at 2.8 volt DC. If voltage can not be constant the fan motor is faulty.

