CERTIFICATION **Notice**

An URGENT Bulletin from CSA International

Ref No: N06-001 **Date: January 3, 2006**

Room Air Conditioners No. 1

Effective Date: September 1, 2006

Call us today!

We can help you stay on top of changes that will affect your Certification!

1-866-797-4272

Announcing: Publication of revisions dated September 2005 to C22.2 No. 117-1970 (R2002), on LCDI or AFCI protection for cord connected room air conditioners

Class No:1211 02 : COMFORT CONDITIONING EQUIPMENT - Air Conditioning Apparatus

Who is affected?

Manufacturers of cord connected room air conditioners, portable (spot) air conditioners, cord connected packaged terminal air conditioners (PTAC) and heat pumps (PTHP).

What do you do?

1. The revisions outlined in this Certification Notice will not require testing. Please contact CSA engineering staff and address compliance with each revision as applicable to the product designs covered in your affected Certification Reports.
2. If none of the revisions are applicable to your product designs, please notify your CSA engineering staff or the listed Technical Contact to update your Certification Records to show compliance with the new requirements.
3. Please respond no later than June 1, 2006. When responding, please include the appropriate supporting documentation*.

*Technical information and materials as well as company name, address, factory locations and CSA file number or master contract number (if assigned) when applying.

Major Revisions:

The power supply cords of single phase cord connected room air conditioners are required to have integral AFCI or LCDI protection.

See attachment 1

Background and Rationale:

Revisions covering clauses 2.1, 4.5.7 and 5.4 have been published in September, 2005. These revisions are shown in attachment 1.

Need additional technical information?

Contact Gordon Young
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or e-mail gordon.young@csa-international.org

Apply Before

June 1, 2006

In the event your models do not comply with the effective standards, arrangements must be made to bring them into compliance.

In the event we do not receive a response as to your currently certified models, prior to the above applicable effective date(s), the certification of such models will be discontinued.

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ATTACHMENT 1

Major Revisions

C22.2 No. 117-1970

Room Air Conditioners

The following revisions, covering Clauses 2.1, 4.5.7, and 5.4, have been formally approved.

Publication Date — September 2005

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Clause 2.1 — Add the following definitions to Clause 2.1:

Arc-fault circuit interrupter (AFCI) — a device intended to mitigate the effects of arcing faults by functioning to de-energize the circuit when an arc-fault is detected.

Leakage-current detector-interrupter (LCDI) — a device that senses leakage current flowing between or from the attached cord conductors and interrupts the circuit at a predetermined level of leakage current.
Note: *LCDIs may be integrated into cord sets or power supply cords.*

September 2005
Revision No. 4 *C22.2 No. 117-1970*

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Clause 4.5 — Add the following to Clause 4.5:

4.5.7 A cord-connected single-phase room air conditioner shall be provided with a factory installed LCDI or AFCI protection to reduce the risk of fire caused by arcing faults in the power supply cord. The LCDI or AFCI shall de-energize all current-carrying parts when arcing faults are detected within the power supply cord, and shall be installed as an integral part of the attachment plug cap or located in the supply cord within 300 mm (12 in) of the attachment plug cap.

September 2005
Revision No. 5 *C22.2 No. 117-1970*

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Clause 5 — Add the following to Clause 5:

5.4 A cord-connected room air conditioner shall be marked to indicate that a damaged power supply cord shall be replaced with a new supply cord obtained from the product manufacturer and not repaired.

September 2005
Revision No. 6 *C22.2 No. 117-1970*

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