



Ref. Certif. No.

JPTUV-012833-A1/M3

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE
CERTIFICAT D'ESSAI OC

Product
Produit

Room air conditioner indoor unit

Name and address of the applicant
Nom et adresse du demandeur

Electra Consumer Products
21 Aminadav St., Tel-Aviv
67067, Israel

Name and address of the manufacturer
Nom et adresse du fabricant

Electra Consumer Products
21 Aminadav St., Tel-Aviv
67067, Israel

Name and address of the factory
Nom et adresse de l'usine

See additional page(s)

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

AC 220-230V; 50Hz; Class I
rated power input: refer to the test report
IP20; Refrigerant: R410A or R22

ELECTRA

Trade mark (if any)
Marque de fabrique (si elle existe)

Alpha series
OMEGA series
Delta series
ASP series

Model/type Ref.
Ref. de type

For model differences, refer to the test report.
Re-issue of JPTUV-012833-M3 dated 05.02.2007,
due to non-technical change.

Additional information (if necessary)
Information complémentaire (si nécessaire)

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60335-2-40:1995+A1
IEC 60335-1:1991+A1+A2

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue une partie de ce Certificat

12012453 005

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



TÜV Rheinland Group

TÜV Rheinland Japan Ltd.
German Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021 Japan
Phone + 81 45 470-3888
Fax + 81 45 470-5221
Mail: info@jpn.tuv.com
Web: www.tuv.com

Dipl. Ing. M. Giagla

Date: 08.03.2007

Signature:



Ref. Certif. No.

Appendix to CB Certificate JPTUV-012833-A1/M3
Report Number: 12012453 005

PAGE 1 OF 1

Name and address of the manufacturer
Electra Consumer Products
21 Aminadav St., Tel-Aviv
67067
Israel

Name and address of the factory(ies)
Electra Air-conditioning (Shenzhen) Co., Ltd.

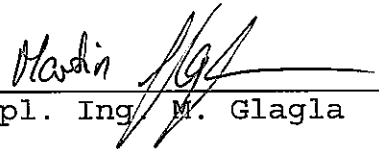
2 WUHE AVENUE S.,
BANTIAN, BUJI
Shenzhen, Guangdong, P.R. China

Electra Consumer Products Ltd.

Sapir 1, Rishon Lezion
75704
Israel

Additional information (if necessary)
Information complémentaire (si nécessaire)

Date: 08.03.2007


Dipl. Ing. M. Glagla

Date:

Signature:



TEST REPORT

IEC 60335-2-40

Safety of household and similar electrical appliances
Part 2: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers

Report Reference No.: 12012453 005
Compiled by (+ signature): Leon Tan
Approved by (+ signature): Lucy Luo
Contents: 5 Pages
Date of issue: 2007-03-06

CB Testing laboratory Name: TÜV Rheinland (Guangdong) Ltd.
Address: 43/F, Metro Plaza, 183 Tianhe Rd. North, Guangzhou 510620, P. R. China
Testing location/procedure: CBTL [X] SMT [] TMP []
Address: Unit C-101, No.11 Caipin Road, GZ Science City, Guangzhou 510663 P. R. China

Applicant's Name: ELECTRA CONSUMER PRODUCTS
Address: 21 Aminadav St, Tel-Aviv, 67067 Israel

Test specification
Standard: IEC 60335-2-40:1995 + A1:2000 used in conjunction with IEC 60335-1:1991 + A1:1994 + A2:1999
Test procedure: CB
Non-standard test method: N.A.

Test Report Form No.: IEC60335_2_40C
TRF originator: AENOR
Master TRF: Dated 2002-02

Copyright © 2002 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved.
This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

Test item description: Air conditioner indoor unit
Trademark: ELECTRA
Model and/or type reference: ASP series (see page 4)
Manufacturer: Same as applicant
Factory: See page 3
Rating(s): Rated voltage: AC 220-230V~ 50Hz
Rated power: 30W
Refrigerant: R22
IP20

Cope of marking plate:

ELECTRA	MODEL: ASP 12 R22 RC	
PROD NO.:	Fuse: 10A(G)	Cooling : see outdoor
TYPE:	COS ϕ =0.95	Heating: see outdoor
220-230V 50Hz	IP20 Rev. A	
R22	Prated: 30W	PS: 4.4MPa Ps: 0.6MPa
		Temp. Class : T1 Weight: 7kg

ELECTRA	MODEL: ASP 12 R22 ST	
PROD NO.:	Fuse: 10A(G)	Cooling : see outdoor
TYPE:	COS ϕ =0.95	
220-230V 50Hz	IP20 Rev. A	
R22	Prated: 30W	PS: 4.4MPa Ps: 0.6MPa
		Temp. Class : T1 Weight: 7kg

ELECTRA	MODEL: ASP 12 R22 Flat RC	
PROD NO.:	Fuse: 10A(G)	Cooling : see outdoor
TYPE:	COS ϕ =0.95	Heating: see outdoor
220-230V 50Hz	IP20 Rev. A	
R22	Prated: 30W	PS: 4.4MPa Ps: 0.6MPa
		Temp. Class : T1 Weight: 7kg

ELECTRA	MODEL: ASP 12 R22 Flat ST	
PROD NO.:	Fuse: 10A(G)	Cooling : see outdoor
TYPE:	COS ϕ =0.95	
220-230V 50Hz	IP20 Rev. A	
R22	Prated: 30W	PS: 4.4MPa Ps: 0.6MPa
		Temp. Class : T1 Weight: 7kg

ELECTRA	MODEL: ASP 12 R22 DF RC	
PROD NO.:	Fuse: 10A(G)	Cooling : see outdoor
TYPE:	COS ϕ =0.95	Heating: see outdoor
220-230V 50Hz	IP20 Rev. A	
R22	Prated: 30W	PS: 4.4MPa Ps: 0.6MPa
		Temp. Class : T1 Weight: 7kg

ELECTRA	MODEL: ASP 12 R22 DF ST	
PROD NO.:	Fuse: 10A(G)	Cooling : see outdoor
TYPE:	COS ϕ =0.95	
220-230V 50Hz	IP20 Rev. A	
R22	Prated: 30W	PS: 4.4MPa Ps: 0.6MPa
		Temp. Class : T1 Weight: 7kg

Summary of testing:

1. Based on the modification, the clause 7.1 is considered, the test requirements covered by measurement results in previous test report 12012453 001-004.
2. For further information, please refer to original report 12012453 001-004.

Test items particulars:

Serial Number : Prototype samples without serial numbers.

Additional information..... : N(.A.)

..... :

..... :

Test case verdicts

Test case does not apply to the test object : N(.A.)

Test item does meet the requirement..... : P(ass)

Test item does not meet the requirement : F(ail)

Testing

Date of receipt of test item : 2007-01-22

Date(s) of performance of test..... : 2007-02-22—2007-02-22

General remarks

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IEC 60335-1.

The test results presented in this report relate only to the item tested.

This test report shall not be reproduced except in full, without the written approval of the issuing testing laboratory.

Clause numbers between brackets refer to clauses in IEC 60335-1

"(see Enclosure #)" refers to an additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

Factory information:

Factory 1: Electra Air-Conditioning (Shenzhen) Co., Ltd.

Address: 2 Wuhe Avenue S., Bantian, Buji, Shenzhen, Guangdong, P. R. China

Factory 2: ELECTRA CONSUMER PRODUCTS LTD.

Address: Sapir 1, Rishon Lezion, 75704, Israel

History of amendments and modifications:

Ref.No.12012453 001, dated 2005-11-19(original report);

Ref.No.12012453 002, dated 2006-01-13 (modification report);

Ref.No.12012453 003, dated 2006-03-03 (modification report);

Ref.No.12012453 004, dated 2007-01-22(modification report);

Ref.No.12012453 005, dated 2007-03-06(amandent report);

Description of modification:

The new models are identical with issued models in report 12012453 004 except for the model names are changed.

In order to match different outdoor units featuring the refrigerant R22 or R410A, the refrigerant marked on the rating label of the indoor unit is changed from R410A to R22, the declared pressure data is changed respectively.

List of new models:

No.	New models	Rated voltage	Rated power input	Refrigerant	Original models/ Corresponding report
1	ASP 12 R22 RC	220-230V 50Hz	30W	R22	ASP 12 R410A RC/ 12012453 004
2	ASP 12 R22 ST	220-230V 50Hz	30W	R22	ASP 12 R410A ST/ 12012453 004
3	ASP 12 R22 Flat RC	220-230V 50Hz	30W	R22	ASP 12 R410A Flat RC/ 12012453 004
4	ASP 12 R22 Flat ST	220-230V 50Hz	30W	R22	ASP 12 R410A Flat ST/ 12012453 004
5	ASP 12 R22 DF RC	220-230V 50Hz	30W	R22	ASP 12 R410A DF RC/ 12012453 004
6	ASP 12 R22 DF ST	220-230V 50Hz	30W	R22	ASP 12 R410A DF ST/ 12012453 004

IEC 60335-2-40			
Clause	Requirement - Test	Result - Remark	Verdict
7	MARKING		P
7.1	Rated voltage or voltage range (V) :	220-230V	P
	Symbol for nature of supply including number of phases, unless for single phase operation (IEC 60335-2-40:1995)	~	P
	Rated frequency or frequency range (Hz) :	50Hz	P
	Rated input or rated current	See rating label.	P
	Manufacturer's or responsible vendor's name, trademark or identification mark	ELECTRA	P
	Model or type reference	See rating label	P
	Symbol for Class II	Class I appliance	N/A
	Symbol for degree of protection against ingress of water, other than IPX0 (IEC 60335-2-40:1995)	IP20 (Not marked)	N/A
	Mass of the refrigerant or of each refrigerant in a blend (except for azeotropic type (IEC 60335-2-40:1995)		N/A
	Refrigerant identification (IEC 60335-2-40:1995)	R22	P
	Permissible excessive operating pressure in pascals for sanitary hot water heat pumps (IEC 60335-2-40:1995)		N/A
	Excessive operating pressure of the refrigerant circuit for suction and discharge, if they differ (IEC 60335-2-40:1995)	See rating label	P
	The maximum operating pressure for the heat exchanger (IEC 60335-2-40/A1:2000)	See rating label	P
	Separate marking of the appliances with all the rated characteristics of the supplementary heaters (IEC 60335-2-40:1995)		N/A
	Marking of the direction of the fluid flow (IEC 60335-2-40:1995)		N/A

--End of report--