

TEST REPORT IEC 60335-2-89

Safety of household and similar electrical appliances Part 2: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor

Report Number....: SHES161100971701

Applicant's name: Haier Medical and Laboratory Products Co., Ltd.

Address.....: Haier Industrial Park, Economic Technology Development Zone

Qingdao 266510 Shandong China

Test specification:

Standard.....: IEC 60335-2-89:2010 + A1:2012 + A2:2015 in conjunction with

IEC60335-1:2010 + A1:2013 (Fifth Edition)

Test procedure: SGS-CSTC

Non-standard test method.....: N/A

Test Report Form No.....: IEC60335 2 89H

Test Report Form(s) Originator.....: IMQ S.p.A.

Master TRF.....: Dated 2016-01

Copyright © 2015 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). 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.

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

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 IECEE 02.

General disclaimer:

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

This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.



Page 2 of 104 Report No.: SHES161100971701

Test item description:	Commercial Refrigerating Appliance
Trade Mark:	Haier
Manufacturer:	Same as applicant
Model/Type reference:	HTC-40, HTC-110, HTD-40, HTCD-90
Ratings:	24 VDC; Climatic Class: 5 or 7; Class II; Foaming agent: CP/IP;
	HTC-40, HTC-110: 5 A; R600a / 45 g; HTD-40: 5 A; R600a / 48 g; HTCD-90: 7 A; R600a / 2 x 45 g



Page 3 of 104 Report No.: SHES161100971701

Testing procedure and testing location:		
	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.	
Testing location/ address:	588 West Jindu Road พักษาสังเดือนการและกรุ่ง 201612 Shanghai, China	
Associated CB Testing Laboratory:	As Fechnical Services	
Testing location/ address:		
Tested by (name + signature):	Alvin Sun Syen Dong	
Approved by (name + signature):	Sven Dong Sven DVS	
Testing procedure: CTF Stage 1:		
Testing location/ address:		
Tested by (name + signature):		
Approved by (name + signature):		
Tooting procedure: CTE Stone 2:		
Testing procedure: CTF Stage 2:		
Testing location/ address:		
Tested by (name + signature):		
Witnessed by (name + signature)::		
Approved by (name + signature):		
Testing procedure: CTF Stage 3:		
Testing procedure: CTF Stage 4:		
Testing location/ address:		
Tested by (name + signature):		
Witnessed by (name + signature):		
Approved by (name + signature):		
Supervised by (name + signature):		