

<p>TEST REPORT IEC 60335-2-40 Safety of household and similar electrical appliances Part 2-40: Particular requirements for electrical heat pumps, air conditioners and dehumidifiers</p>	
<p>Report Number. :</p> <p>Date of issue :</p> <p>Total number of pages :</p>	<p>GZES250500840631</p> <p>2025-06-16</p> <p>8</p>
<p>Name of Testing Laboratory preparing the Report</p>	<p>SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch</p>
<p>Applicant's name</p> <p>Address.....</p>	<p>BAUF HOME GmbH</p> <p>Frankfurter Straße 16, 74072 Heilbronn, Germany</p>
<p>Test specification:</p>	
<p>Standard.....</p> <p>Test procedure.....</p> <p>Non-standard test method.....</p>	<p>IEC 60335-2-40:2002, IEC 60335-2-40:2002/AMD1:2005, IEC 60335-2-40:2002/AMD2:2005 for use in conjunction with IEC 60335-1:2010, IEC 60335-1:2010/AMD1:2013, IEC 60335-1:2010/ AMD2:2016</p> <p>SGS-CSTC</p> <p>N/A</p>
<p>TRF template used.....</p> <p>Test Report Form No.</p> <p>Test Report Form(s) Originator....</p> <p>Master TRF.....</p>	<p>IECEE OD-2020-F1:2022, Ed.1.5</p> <p>IEC60335_2_40W</p> <p>VDE Prüf- und Zertifizierungsinstitut GmbH</p> <p>Dated 2023-05-25</p>
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Test item description:	Split-Type Air-Conditioner
Trademark(s)	BAUF
Manufacturer	Same as applicant
Model/Type reference:	Model A: BRAC-SP-INE2-9-R3 (IU: BRAC-SP-INE2-9-R3-I, OU: BRAC-SP-INE2-9-R3-O) Model B: BRAC-SP-INE2-12-R3 (IU: BRAC-SP-INE2-12-R3-I, OU: BRAC-SP-INE2-12-R3-O) Model C: BRAC-SP-INE2-18-R3 (IU: BRAC-SP-INE2-18-R3-I, OU: BRAC-SP-INE2-18-R3-O) Model D: BRAC-SP-INE2-24-R3 (IU: BRAC-SP-INE2-24-R3-I, OU: BRAC-SP-INE2-24-R3-O)
Ratings:	220 V - 240 V; 50 Hz; Class I; Outdoor unit: IPX4; R32; Model A: Cooling: 1360 W; 7,5 A; Heating: 1656 W; 8,0 A Model B: Cooling: 1500 W; 9,0 A; Heating: 1830 W; 10,0 A Model C: Cooling: 2360 W; 12,0 A; Heating: 2750 W; 13,2 A Model D: Cooling: 2800 W; 15,5 A; Heating: 3000 W; 15,5 A

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):	
<input checked="" type="checkbox"/> CB Testing Laboratory:	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
Testing location/ address.....:	Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China
Tested by (name, function, signature).....:	Project Engineer: <i>Nicky</i> Nicky Liu
Approved by (name, function, signature)....:	Reviewer: <i>Dean Yang</i> Dean Yang
<hr/>	
<input type="checkbox"/> Testing procedure: CTF Stage 1:	
Testing location/ address.....:	
Tested by (name, function, signature).....:	
Approved by (name, function, signature)....:	
<hr/>	
<input type="checkbox"/> Testing procedure: CTF Stage 2:	
Testing location/ address.....:	
Tested by (name + signature)	
Witnessed by (name, function, signature)..:	
Approved by (name, function, signature)....:	
<hr/>	
<input type="checkbox"/> Testing procedure: CTF Stage 3:	
<input type="checkbox"/> Testing procedure: CTF Stage 4:	
Testing location/ address.....:	
Tested by (name, function, signature).....:	
Witnessed by (name, function, signature)..:	
Approved by (name, function, signature)....:	
Supervised by (name, function, signature) :	
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List of Attachments (including a total number of pages in each attachment):	
N/A	
Summary of testing:	
Tests performed (name of test, test clause and date test performed): IEC 60335-2-40: 2002 + A1: 2005 + A2: 2005 IEC 60335-1: 2010 + A1: 2013 + A2: 2016 After reviewing, no tests were considered necessary. The submitted appliances comply with the above standards.	Testing location: SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China UV irradiance test: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center 198 Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China
Summary of compliance with National Differences (List of countries addressed):	
EU Group Differences	
<input checked="" type="checkbox"/> The product fulfils the requirements of: EN 60335-2-40: 2003 + A11: 2004 + A12: 2005 + A1: 2006 + A2: 2009 + A13: 2012 EN 60335-1: 2012 + A11: 2014 + A13: 2017 + A1: 2019 + A14: 2019 + A2: 2019 + A15: 2021 + A16: 2023 EN 62233: 2008	
Use of uncertainty of measurement for decisions on conformity (decision rule) :	
<input checked="" type="checkbox"/> No decision rule is specified by the IEC standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method"). <input type="checkbox"/> Other: ... (to be specified, for example when required by the standard or client, or if national accreditation requirements apply)	
Information on uncertainty of measurement:	
The uncertainties of measurement are calculated by the laboratory based on application of criteria given by OD-5014 for test equipment and application of test methods, decision sheets and operational procedures of IECEE. IEC Guide 115 provides guidance on the application of measurement uncertainty principles and applying the decision rule when reporting test results within IECEE scheme, noting that the reporting of the measurement uncertainty for measurements is not necessary unless required by the test standard or customer. Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.	

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

BAUF							
Split Type Air Conditioner							
Model	BRAC-SP-INE2-9-R3-I BRAC-SP-INE2-9-R3-O						
	Cooling		Heating				
Capacity	2,68(0,94-3,81) kw		3,35(0,94-4,23) kw				
Current	3,1(1,2-7,5) A		3,8(1,2-8,0) A				
Rated Current	7,5 A		8,0 A				
Power Input	0,679(0,24-1,36) kw		0,857(0,24-1,656) kw				
Indoor Air Volume	680 m ³ /h		700 m ³ /h				
Maximum Allowable Pressure	3,7 MPa						
Max. Pressure	Discharge	3,7 MPa		Suction			
		1,2 MPa					
Sound Power	Indoor	54 dB(A)		Outdoor			
		62 dB(A)					
Weight	Indoor	9,7 kg		Outdoor			
		22 kg					
Rated Voltage	220-240V- 50Hz						
Refrigerant/Charge	R32/0,57 kg						
GWP	675						
CO₂ equivalent	0,385 tonnes						
Outdoor Unit Water Proof Protection	IPX4						
Nº							
							
Contains fluorinated greenhouse gases Made in P.R.C.							

BAUF							
Split Type Air Conditioner							
Model	BRAC-SP-INE2-12-R3-I BRAC-SP-INE2-12-R3-O						
	Cooling		Heating				
Capacity	3,58(1,00-4,00) kw		3,90(1,00-4,50)kw				
Current	4,9(1,5-9,0) A		4,4(1,5-10,0) A				
Rated Current	9,0 A		10 A				
Power Input	1,063(0,29-1,50) kw		0,974(0,29-1,83) kw				
Indoor Air Volume	680 m ³ /h		700 m ³ /h				
Maximum Allowable Pressure	3,7 MPa						
Max. Pressure	Discharge	3,7 MPa		Suction			
		1,2 MPa					
Sound Power	Indoor	54 dB(A)		Outdoor			
		63 dB(A)					
Weight	Indoor	9,7 kg		Outdoor			
		24 kg					
Rated Voltage	220-240V- 50Hz						
Refrigerant/Charge	R32/0,6 kg						
GWP	675						
CO₂ equivalent	0,405 tonnes						
Outdoor Unit Water Proof Protection	IPX4						
Nº							
							
Contains fluorinated greenhouse gases Made in P.R.C.							

BAUF
Split Type Air
Conditioner



Model BRAC-SP-INE2-18-R3-I
BRAC-SP-INE2-18-R3-O

	Cooling	Heating
Capacity	5,26(1,25-6,00) kw	5,60(1,25-6,80) kw
Current	6,5(1,7-12,0) A	6,4(1,7-13,2) A
Rated Current	12,0 A	13,2 A
Power Input	1,42(0,33-2,36) kw	1,407(0,34-2,75) kw
Indoor Air Volume	860 m ³ /h	900 m ³ /h
Maximum Allowable Pressure	3,7 MPa	
Max. Pressure	Discharge Suction	3,7 MPa 1,2 MPa
Sound Power	Indoor Outdoor	57 dB(A) 65 dB(A)
Weight	Indoor Outdoor	10 kg 38 kg
Rated Voltage	220-240V - 50Hz	
Refrigerant/Charge	R32/0,87 kg	
GWP	675	
CO ₂ equivalent	0,588 tonnes	
Outdoor Unit Water Proof Protection	IPX4	

Nº



Contains fluorinated greenhouse gases
Made in P.R.C.

BAUF
Split Type Air
Conditioner



Model BRAC-SP-INE2-24-R3-I
BRAC-SP-INE2-24-R3-O

	Cooling	Heating
Capacity	7,03(1,83-7,42) kw	7,12(1,85-7,96) kw
Current	8,5(2,3-15,5) A	8,2(2,3-15,5) A
Rated Current	15,5 A	15,5 A
Power Input	1,900(0,41-2,80) kw	1,795(0,42-3,00) kw
Indoor Air Volume	1100m ³ /h	1150 m ³ /h
Maximum Allowable Pressure	3,7 MPa	
Max. Pressure	Discharge Suction	3,7 MPa 1,2 MPa
Sound Power	Indoor Outdoor	60 dB(A) 68 dB(A)
Weight	Indoor Outdoor	14,2kg 45 kg
Rated Voltage	220-240V - 50Hz	
Refrigerant/Charge	R32/1,27 kg	
GWP	675	
CO ₂ equivalent	0,858 tonnes	
Outdoor Unit Water Proof Protection	IPX4	

Nº



Contains fluorinated greenhouse gases
Made in P.R.C.



The marking of risk of fire for all models.

The marking of risk of fire on the appliance for all models. Perpendicular height: 30 mm.

The marking of risk of fire on the nameplate for all models. Perpendicular height: 10 mm.



The marking of symbol ISO 7000-0790; ISO 7000-1641; ISO 7000-1659.

Letter height: 10 mm

Remark:

1. The Height of CE logo shall not be less than 5 mm; Height of WEEE logo shall not be less than 7 mm.
2. As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trade mark and the postal address will be marked on the products before being place on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
3. Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.

Test item particulars :	
Classification of installation and use : Fixed appliance for household use only	
Supply Connection : Supply cord :	
Possible test case verdicts:	
- test case does not apply to the test object : N/A	
- test object does meet the requirement : P (Pass)	
- test object does not meet the requirement : F (Fail)	
Testing :	
Date of receipt of test item : N/A	
Date (s) of performance of tests : N/A	
General remarks:	
<p>"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</p> <p><input checked="" type="checkbox"/> This Test Report Form contains requirements according to IEC 60335-2-40:2002/AMD1 Standard dated 2005 and includes Corrigendum dated 2006-05.</p> <p>This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.</p> <p>Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.</p> <p>Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.</p> <p>IU: Indoor unit, OU: Outdoor unit</p> <p>This report is not valid without report GZES241001910701.</p>	
Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies): TCL Air Conditioner (Zhong Shan) Co.,Ltd.
59 Nantou Road West, Nantou, Zhongshan,
Guangdong, China

General product information and other remarks:

This report based on original Test Report Ref. No. GZES241001910701, dated on 2024-12-10 was modified on 2025-06-16 to include the following additions and changes:

1. New models which were the same as original models except for the model name and trademark. Details as following:

Original models	Trademark	New models	Trademark
TAC-09CHSD(080002)/UA11I	TCL	Model A: BRAC-SP-INE2-9-R3 (IU: BRAC-SP-INE2-9-R3-I, OU: BRAC-SP-INE2-9-R3-O)	BAUF
TAC-12CHSD(043977)/UA11I	TCL	Model B: BRAC-SP-INE2-12-R3 (IU: BRAC-SP-INE2-12-R3-I, OU: BRAC-SP-INE2-12-R3-O)	BAUF
TAC-18CHSD(011630)/UA11I	TCL	Model C: BRAC-SP-INE2-18-R3 (IU: BRAC-SP-INE2-18-R3-I, OU: BRAC-SP-INE2-18-R3-O)	BAUF
TAC-24CHSD(011431)/UA11I	TCL	Model D: BRAC-SP-INE2-24-R3 (IU: BRAC-SP-INE2-24-R3-I, OU: BRAC-SP-INE2-24-R3-O)	BAUF

2.Changed name and address of applicant and manufacturer as following:

	In original report	In this report
Applicant	TCL Air Conditioner (Zhong Shan) Co.,Ltd. 59 Nantou Road West, Nantou, Zhongshan, Guangdong, China	BAUF HOME GmbH Frankfurter Straße 16, 74072 Heilbronn, Germany
Manufacturer	TCL Air Conditioner (Zhong Shan) Co.,Ltd. 59 Nantou Road West, Nantou, Zhongshan, Guangdong, China	BAUF HOME GmbH Frankfurter Straße 16, 74072 Heilbronn, Germany

After reviewing, no test was considered necessary.

--- End of Report ---