
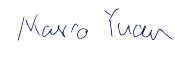


Prüfbericht-Nr.: <i>Test report no.:</i>	CN21I73P 007	Auftrags-Nr.: <i>Order no.:</i>	170284949 (P00441774)	Seite 1 von 10 Page 1 of 10
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2021.09.26	
Auftraggeber: <i>Client:</i>	Foshan Shunde Rihuang Electric Co., Ltd. (Tianfulai Industrial) 101 Building 4, No.39 Changbao West Road, RongLi, RongGui, Shunde Foshan, Guangdong P.R. China			
Prüfgegenstand: <i>Test item:</i>	Electric Fan			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	RTW-32T, RTW-32, RTW-29, RTW-AT, RTW-A, PRIMO-2, PRIMO, RTW-32BT, RTW-BT, RTW-B, RTW-32A, RTW-32AT, RTW-A36, RTW-AT36, RTW-32R, RTW-AR, RTW-BR, RTW-32AR, RTW-AR36, RTW-32T1, RTW-321, RTW-AT1, RTW-A1, RTW-32BT1, RTW-BT1, RTW-B1, RTW-32R1, RTW-AR1, RTW-BR1 (with motor T12A)			
Auftrags-Inhalt: <i>Order content:</i>	ErP test			
Prüfgrundlage: <i>Test specification:</i>	Commission Regulation (EU) No 206/2012, Point 2(d) of Annex I – Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for air conditioners and comfort fans			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2021.09.29	<p style="text-align: center;">Detaillierte Fotodokumentation siehe Anlage zu diesem Bericht</p> <p style="text-align: center;">Detailed photo documentation see appendix to this report</p>		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003137572-007			
Prüfzeitraum: <i>Testing period:</i>	2021.10.08~2021.10.20			
Ort der Prüfung: <i>Place of testing:</i>	See page 2			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>		genehmigt von: <i>authorized by:</i>		
Datum: <i>Date:</i> 2021.10.20	Signed by: Sandy Huang	Ausstelldatum: <i>Issue date:</i> 2021.10.29	Signed by: Marco Yuan	
Stellung / Position:	Project Engineer	Stellung / Position:	Reviewer	
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
<p>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugswise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>				

V05

General remarks

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

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

“(see remark #)” refers to a remark appended to the report.

“(see appended table)” refers to a table appended to the report.

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

Remark:

- Test place:

Standby power test:

TÜV Rheinland (Guangdong) Ltd.

No.199, Kezhu Road, Guangzhou Science City, 510663, Guangzhou, P.R.China

Flow rate and noise test:

Electrical Safety Lab. of Guangdong Inspection & Quarantine Technology Center

No.3 East Desheng Road, Shunde Daliang, Foshan, Guangdong, P.R.China

-Model list

Models are identical with the same construction except appearance, mechanical switch / PCB switch and declared power input.

Models information and selected test model are as following:

Model	Rated values	Motor model	Capacitor	Diameter of blade	Selected test model
RTW-32T, RTW-32, RTW-29, RTW-AT, RTW-A, PRIMO-2, PRIMO, RTW-32BT, RTW-BT, RTW-B, RTW-32A, RTW-32AT, RTW-A36, RTW-AT36	220-240V,50Hz, 45W	T12A	1.2uF 450V	Size of air outlet: 42.7cmx4cm	RTW-AT
RTW-32R, RTW-AR, RTW-BR, RTW-32AR, RTW-AR36					RTW-AR
RTW-32T1, RTW-321, RTW-AT1, RTW-A1, RTW-32BT1, RTW-BT1, RTW-B1	220-240V,50Hz, 42W				---
RTW-32R1, RTW-AR1, RTW-BR1					---

Copy of Nameplate - (according to the separate submitted document)

N/A

Test Standard

EN 50564:2011, Electrical and electronic household and office equipment – Measurement of low power consumption

EN 60704-1:2010+A11:2012, Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements

EN 60704-2-7:2020, Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2: Particular requirements for fans

EN IEC 60879:2019, Performance and construction of electric circulating fans and regulators

Unit Under Test (UUT)	Electric Fan
Model / Type under test	RTW-32T, RTW-32, RTW-29, RTW-AT, RTW-A, PRIMO-2, PRIMO, RTW-32BT, RTW-BT, RTW-B, RTW-32A, RTW-32AT, RTW-A36, RTW-AT36, RTW-32R, RTW-AR, RTW-BR, RTW-32AR, RTW-AR36, RTW-32T1, RTW-321, RTW-AT1, RTW-A1, RTW-32BT1, RTW-BT1, RTW-B1, RTW-32R1, RTW-AR1, RTW-BR1
Rated Voltage and Frequency	220-240V, 50Hz
Product Description	
Product type	Tower Fan
Fan size	Air outlet size: 427x40mm
Material	Plastic blade, plastic grille, plastic housing
Number of fan speeds	3
Type of fan speed control	PCB switch for model RTW-32R, RTW-AR, RTW-BR, RTW-32AR, RTW-AR36, RTW-32R1, RTW-AR1, RTW-BR1 Rotary switch for rest models
Blade number	1 blade
Grill	Fence style
Oscillation system (Type/Style)	Synchronous motor
Remote control	Available for model RTW-32R, RTW-AR, RTW-BR, RTW-32AR, RTW-AR36, RTW-32R1, RTW-AR1, RTW-BR1
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	See cover page
Date(s) of performance of test	See cover page
Test Condition	
Ambient temperature	23.0~25.0°C
Relative humidity	65~75%
Test Voltage and frequency	AC230V 50Hz

EU/206/2012			
Clause	Requirements - Test	Result - Remark	Verdict
Annex I	Ecodesign Requirements		
2	Requirement for maximum power consumption in off-mode and stand-by Mode		
(d)	From 1 Jan. 2014, requirements for maximum power consumption in off-mode and standby mode for comfort fans		P
	Power Consumption in any off-mode condition: ≤ 0.5W	Off-mode: 0.00 W for model RTW-32T, RTW-32, RTW-29, RTW-AT, RTW-A, PRIMO-2, PRIMO, RTW-32BT, RTW-BT, RTW-B, RTW-32A, RTW-32AT, RTW-A36, RTW-AT36, RTW-32T1, RTW-321, RTW-AT1, RTW-A1, RTW-32BT1, RTW-BT1, RTW-B1	P
	Power Consumption in standby mode(s): (i) in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function ≤ 0.5W; (ii) In any condition providing only information or status display, or providing only a combination of reactivation function and information or status display ≤ 1W	Standby-mode: (i) 0.41 W for model RTW-32R, RTW-AR, RTW-BR, RTW-32AR, RTW-AR36, RTW-32R1, RTW-AR1, RTW-BR1 Measurement method: EN 50564:2011 <input checked="" type="checkbox"/> clause 5.3.2 <input type="checkbox"/> clause 5.3.3 <input type="checkbox"/> clause 5.3.4 (ii) N/A W Measurement method: EN 50564:2011 <input type="checkbox"/> clause 5.3.2 <input type="checkbox"/> clause 5.3.3 <input type="checkbox"/> clause 5.3.4	P
	Availability of off mode and/or standby mode Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Off/standby mode is inappropriate for the intended use of equipment	P
	Power Management: When equipment is not providing the main function, or when other energy-using product(s) are not dependent on its functions, equipment shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into:	<input type="checkbox"/> Yes, ___ W Time taken to automatically reach standby/off mode, or another condition: _____ sec. <input checked="" type="checkbox"/> No (refer to manufacturer's declaration)	N

	— standby mode (\leq 0.5 or 1 W), or — off mode (\leq 0.5W), or — another condition (\leq 0.5 or 1 W)	<input type="checkbox"/> A power management function is inappropriate for the intended use	
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Product Information Requirements	Test data
Maximum fan flow rate (F)	24.82 m ³ /min
Fan power input (P)	32.9 W
Service value (SV)	0.75 (m ³ /min)/W
Maximum air velocity(c)	2.33 meters/sec
Measurement standard for service value	EN IEC 60879:2019
Standby power consumption (P_{SB})	<p>0.00 W for model RTW-32T, RTW-32, RTW-29, RTW-AT, RTW-A, PRIMO-2, PRIMO, RTW-32BT, RTW-BT, RTW-B, RTW-32A, RTW-32AT, RTW-A36, RTW-AT36, RTW-32T1, RTW-321, RTW-AT1, RTW-A1, RTW-32BT1, RTW-BT1, RTW-B1</p> <p>0.41 W for model RTW-32R, RTW-AR, RTW-BR, RTW-32AR, RTW-AR36, RTW-32R1, RTW-AR1, RTW-BR1</p>
Fan sound power level (L_{WA})	58.1 dB(A)
Contact details for obtaining more information	<p>Foshan Shunde Rihuang Electric Co., Ltd. (Tianfulai Industrial) 101 Building 4, No.39 Changbao West Road, RongLi, RongGui, Shunde Foshan,Guangdong P.R. China</p>

Annex: Product photo



Picture 1. Model RTW-AR



Picture 2. Model RTW-AR



Picture 3. Remote control



Picture 4. Model RTW-AT

--End of test report--