

Tacky Thomy

Air Conditioner ERP Test Report

Report Number....: 4398600.50

Tested by (name + signature).: Elvis Chen

signature) Jacky Zhang

Date of issue.....: 2023-1-10 Total number of pages...... 17 Pages

Testing Laboratory DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch

Address..... Block 5, No.3, Qiyun Road, Huangpu District, Guangzhou, Guangdong, China

Applicant's name...... HANTECH IKLIMLENDIRME SAN.TIC.A.S.

Address...... Ziya Gökalp Mah. Süleyman Demirel Blv. No:138 7-E, Başakşehir İstanbul,

Türkiye

Test specification:

Standard EN 14511-1:2018, EN 14511-2:2018, EN 14511-3:2018, EN 14511-4:2018, EN

14825:2018, EN 12102-1:2017+CRGD:2018

Test procedure.....: (EU) No 206/2012, (EU) No 626/2011, EU 2017/254, EU 2016/2282

Non-standard test

method....:

N/A

Test Report Form No...... EN 14825-2018 V1.0

Test Report Form(s) **DEKRA Guangzhou**

Originator:

Test item description...... Air conditioner

Trade Mark..... HANTECH

Manufacturer...... TCL Air conditioner (Zhong Shan) Co.,Ltd.

No.59.Nantou Road West, Nantou Town Zhongshan City, Guangdong P.R.

China

Factory TCL Air conditioner (Zhong Shan) Co.,Ltd.

No.59.Nantou Road West, Nantou Town Zhongshan City, Guangdong P.R.

China

Model/Type reference...... Indoor unit: HNT-F24VMTC/I,

Outdoor unit: HNT-F24VMTC/O

Ratings...... 220-240 V~, 50 Hz, see rating label

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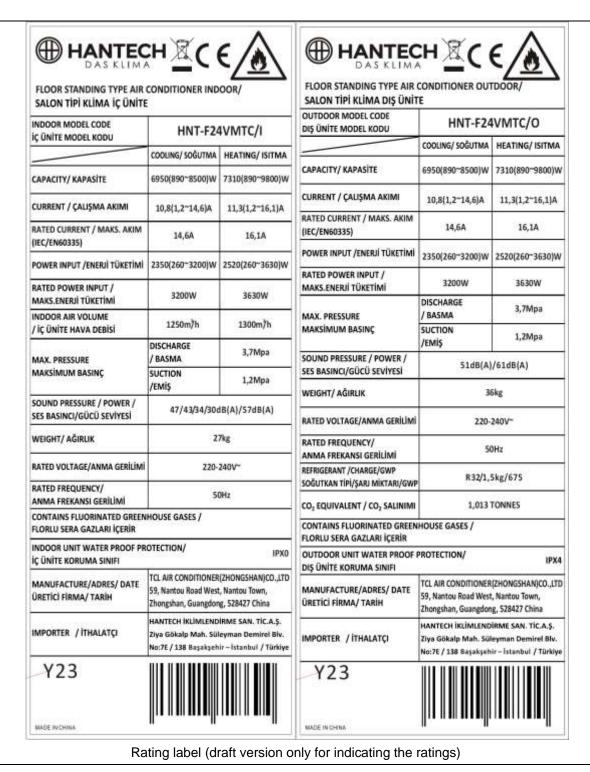
Heating capacity
Standby/off, thermostat off mode power consumption
Testing location:
TCL Air conditioner (Zhong Shan) Co.,Ltd.
No.59.Nantou Road West, Nantou Town Zhongshan City, Guangdong P.R. China
Copy of marking plate:
The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

Summary of testing:

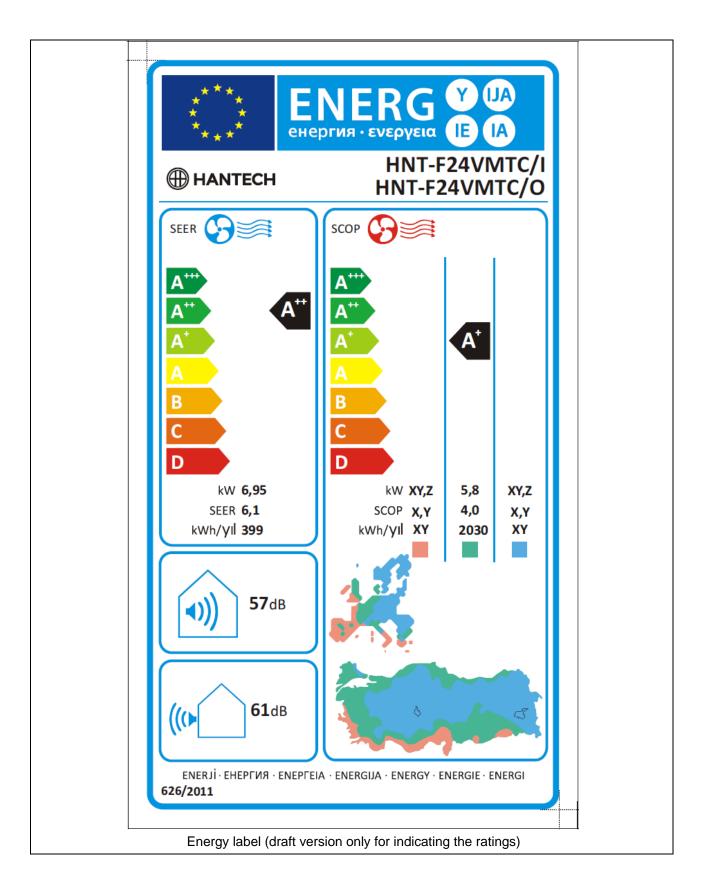
Cooling capacity

Tests performed (Test items):

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Test item particulars : Classification of installation and use : Fixed appliance
Supply Connection : Non-detachable power supply cord with plug

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......: 2022-04-15 Date (s) of performance of tests.....: 2022-04-18 to 2022-04-22

General remarks:

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

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

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

Throughout this report, a dot is used as the decimal separator.

The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to calculate the uncertainty associated with the measurement result.

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

The information provided by the customer in this report may affect the validity of the results, the test lab is not responsible for it.

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This report is not used for social proof function in China market.

General product information:					
Model number of Unit Under Test	Indoor: HNT-F24VMTC/I Outdoor: HNT-F24VMTC/O				
Type of System	Split type air conditioner				
Air-conditioner Type	Cooling and heating				
Power Supply	Single Phase				
Refrigerant	R32				
Unit Mounting (applicable to non ducted indoor units only)	Floor standing				
Heat Source (Heating Mode)	Air				
Heat Sink (Cooling Mode)	Air-cooled				
Does this air conditioner have a variable output compressor?	Yes				
Type of compressor	inverter				
Maximum continuous frequency for cooling (applicable to inverter driven compressor only) (Hz)	79				
Maximum continuous frequency for heating (applicable to inverter driven compressor only) (Hz)	90				

This report is based on report 4387718.50 which issued on 2022-04-30. It is updated due to the following changes:

1. Changing the information as below table:

	In original report	In this report
Applicant	TCL Air conditioner (Zhong Shan) Co.,Ltd.	HANTECH IKLIMLENDIRME SAN.TIC.A. S.
	No.59.Nantou Road West, Nantou Town Zhongshan City, Guangdong P.R. China	Ziya Gökalp Mah. Süleyman Demirel Blv. No:138 7-E, Başakşehir İstanbul, Türkiye
Trade mark	TCL	HANTECH
Model	TAC-24CHFD/MC	Indoor unit: HNT-F24VMTC/I,
		Outdoor unit: HNT-F24VMTC/O
Remark: Mode	els in the same row are the same except for	or model name and trade mark.

Test and	verification results		
Clause	Ecodesign requirements - GENERIC ECODESIGN REQUIREMENTS	Result - Remark	Verdict
2a)			N/A
	From 1 January 2013: Single duct and double duct air conditioners shall correspond to requirements as indicated in Tables 1, 2 and 3		
Table 1	Requirements for minimum energy efficiency		N/A
Table 2	Off mode: Power consumption of equipment in any off-mode condition shall not exceed 1,00 W		N/A
	Standby mode: The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 1,00 W.		N/A
			N/A
	Standby mode: The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, shall not exceed 2,00 W.		
	Availability of standby and/or off 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.		N/A
Table 3	Indoor sound power level no more than 65 dB(A)		N/A
2b)	From 1 January 2013, air conditioners, except single and double duct air conditioners, shall correspond to minimum energy efficiency and maximum sound power level requirements as indicated in Tables 4 and 5		N/A
Table 4	Requirements for minimum energy efficiency		Р
Table 5	Requirements for maximum sound power level		Р
2c)	From 1 January 2014, air conditioners shall correspond to requirements as indicated in the table 6		Р
2d)	From 1 January 2014, single duct and double duct air conditioners and comfort fans shall correspond to requirements as indicated in Table 7		N/A
Table 7	Off mode: Power consumption of equipment in any off-mode condition shall not exceed 0,50 W.		N/A

Clause	Ecodesign requirements - GENERIC ECODESIGN REQUIREMENTS	Result - Remark	Verdict
	Standby mode: The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function, shall not exceed 0,50 W.		N/A
	Standby mode: The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display shall not exceed 1,00 W.		N/A
	Availability of standby and/or off modeEquipment 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.		N/A
	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: — standby mode, or — off mode, 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. The power management function shall be activated before delivery.		N/A

Information requ	Information requirements for air conditioners, except double duct and single duct air conditioners								
Fun	ction (indica	te if present)		mation relate to one heating		values time.		
cooling		Y		Average (mandatory)		Υ			
heating		Υ		Warmer (if designated)		N			
				Colder (if designated)		N			
Item	symbol	value	unit	Item	symbol	value	unit		
	Design	load		S	Seasonal eff	iciency			
cooling	Pdesignc	6.950	kW	cooling	SEER	6.10	_		
heating/Average	Pdesignh	5.800	kW	heating/Average	SCOP/A	4.00	_		
heating/Warmer	Pdesignh	N/A	kW	heating/Warmer	SCOP/W	N/A	_		
heating/Colder	Pdesignh	N/A	kW	heating/Colder	SCOP/C	N/A	_		
Declared capacity 27(19) °C		ing, at indoo or temperatu		Declared ene temperature 27(y ratio (*), at in outdoor temper			
Tj = 35 °C	Pdc	6.900	kW	Tj = 35 °C	EERd	3.010	_		
Tj = 30 °C	Pdc	4.980	kW	Tj = 30 °C	EERd	4.790	_		
Tj = 25 °C	Pdc	3.230	kW	Tj = 25 °C	EERd	7.890	_		
Tj = 20 °C	Pdc	2.080	kW	Tj = 20 °C	EERd	11.310			
Declared capac indoor temperate				Declared coefficient of performance (*)/Average season, at indoor temperature 20°C and outdoor temperature Tj					
Tj = - 7 °C	Pdh	5.110	kW	Tj = - 7 °C	COPd	2.740	_		
Tj = 2 °C	Pdh	3.060	kW	Ti = 2 °C	COPd	4.140	_		
Tj = 7 °C	Pdh	1.970	kW	Tj = 7 °C	COPd	5.320			
Tj = 12 °C	Pdh	1.500	kW	Tj = 12 °C	COPd	6.240	_		
Tj = bivalent temperature	Pdh	5.110	kW	Tj = bivalent temperature	COPd	2.740	_		
Tj = operating limit	Pdh	4.030	kW	Tj = operating limit	COPd	2.350	_		
Declared capacindoor temperate				Declared coefficient of performance (*)/Warmer season, at indoor temperature 20°C and outdoor temperature Tj					
Tj = 2 °C	Pdh	N/A	kW	Tj = 2 °C	COPd	N/A	_		
Tj = 7 °C	Pdh	N/A	kW	Tj = 7 °C	COPd	N/A	_		
Tj = 12 °C	Pdh	N/A	kW	Tj = 12 °C	COPd	N/A			
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COPd	N/A	_		
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COPd	N/A	_		

Declared capacindoor temperate				Declared coeff season, at indo			
Tj = − 7 °C	Pdh	N/A	kW	Tj = − 7 °C	COPd	N/A	
Tj = 2 °C	Pdh	N/A	kW	Tj = 2 °C	COPd	N/A	_
Tj = 7 °C	Pdh	N/A	kW	Tj = 7 °C	COPd	N/A	_
Tj = 12 °C	Pdh	N/A	kW	Tj = 12 °C	COPd	N/A	_
Tj = bivalent temperature	Pdh	N/A	kW	Tj = bivalent temperature	COPd	N/A	_
Tj = operating limit	Pdh	N/A	kW	Tj = operating limit	COPd	N/A	_
Tj = - 15 °C	Pdh	N/A	kW	Tj = − 15 °C	COPd	N/A	_
	Bivalent tem	perature		Oper	ating limit te	emperature	
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	N/A	°C	heating/Warmer	Tol	N/A	°C
heating/Colder	Tbiv	N/A	°C	heating/Colder	Tol	N/A	°C
C	ycling interv	al capacity		Cycling interval efficiency			
for cooling	Pcycc	N/A	kW	for cooling	EERcyc	N/A	
for heating	Pcych	N/A	kW	for heating	COPcyc	N/A	
Degradation co- efficient cooling (**)	Cdc	0.25	_	Degradation co- efficient heating (**)	Cdh	0.25	_
Electric power in	put in power mode		er than 'active	Annua	l electricity	consumption	
off mode	POFF	_	kW	cooling	QCE	399	kWh/a
standby mode	PSB	0.007	kW	heating/Average	QHE	2030	kWh/a
thermostat-off mode	PTO	0.07	kW	heating/Warmer	QHE	_	kWh/a
crankcase heater mode	PCK	_	kW	heating/Colder	QHE	_	kWh/a
Capacity con	trol (indicate	one of thre	e options)		Other ite	ms	
fixed	d N			Sound power level (indoor/outdoor)	LWA	57 / 61	dB(A)
staged		N		Global warming potential	GWP	675 (R32)	kgCO2 eq.
variable		Υ		Rated air flow (indoor/outdoor)	_	1250/2300	m3/h

Symbol	Value	Unit
P _{rated} for cooling	N/A	kW
P _{rated} for heating	N/A	kW
PEER	N/A	kW
P _{COP}	N/A	kW
EERrated	N/A	_
COPrated	N/A	_
P _{TO}	N/A	W
P _{SB}	N/A	W
Poff	N/A	W
Q	N/A	kWh/60min.
Lwa	N/A	dB(A)
GWP	N/A	kgCO2eq.
	Prated for cooling Prated for heating PEER PCOP EERrated COPrated PTO PSB POFF Q	Prated for cooling N/A Prated for heating N/A PEER N/A PCOP N/A EERrated N/A COPrated N/A PTO N/A PSB N/A Q N/A LWA N/A

Table	for	cooling	test	data

General test conditions/part load	unit	A35/A27(100%)	A30/A27(74%)	A25/A27(47%)	A20/A27(21%)
-	-	Α	В	С	D
Barometric	KPa	100.56	100.57	100.66	101.07
Voltage	V	230.3	230.2	230.0	230.3
Current input	Α	10.08	4.56	1.79	0.81
Power input	kW	6.904	1.038	0.409	0.184
Test conditions indo	or unit				
Air inlet temperature, DB/WB	\mathbb{C}	27.01/19.00	27.00/19.02	27.02/19.01	27.00/19.00
Air outlet temperature, DB/WB	$^{\circ}$	N/A	N/A	N/A	N/A
Test conditions outd	loor unit				
Air inlet temperature, DB/WB	$^{\circ}$	35.00/24.02	30.02/20.01	25.01/16.03	20.02/12.22
Total coolling capacity	kW	6.904	4.975	3.230	2.082
Power input	kW	2.297	1.038	0.409	0.184
Energy efficiency ratio	-	3.01	4.79	7.90	11.32
Compressor frequency	Hz	79	60	28	16

Table for heating test data (Average)

Table for heatin	g test dat	a (Average)					
General test conditions/part load	unit	A-15/A20 (119%)	A-7/A20 (88%)	A-7/A20 (88%)	A2/A20 (54%)	A7/A20 (35%)	A12/A20 (15%)
loau	_	E	F	Α	В	С	D
Barometric	- KPa	100.32	100.31	100.31	100.29	100.21	100.19
	V	230.25	230.17	230.17	230.09	230.46	230.14
Voltage Current input			8.21	8.21			
Current input	Α	7.54	0.21	0.21	4.49	2.50	1.80
Power input	kW	1.714	1.867	1.867	0.739	0.370	0.241
Test conditions	indoor un	it					
Air inlet temperature, DB/WB	$^{\circ}$	20.04/15.03	20.05/15.03	20.05/15.03	20.01/15.02	20.01/15.00	20.03/ 15.02
Air outlet temperature, DB/WB	$^{\circ}$	29.77/18.40	32.62/19.31	32.62/19.31	27.32/17.59	24.63/16.65	23.53/ 16.28
Test conditions	outdoor u						
Air inlet temperature, DB/WB	$^{\circ}$	-14.87/ -15.62	-6.98/-7.77	-6.98/-7.77	2.00/1.03	7.02/6.03	12.08/ 11.11
Summary of the test results	-	A-15/A20 (119%)	A-7/A20 (88%)	A-7/A20 (88%)	A2/A20 (54%)	A7/A20 (35%)	A12/A20 (15%)
Total heating capacity	kW	4.033	5.112	5.112	3.062	1.967	1.504
Power input	kW	1.714	1.867	1.867	0.739	0.370	0.241
Coefficiency of performance	-	2.35	2.74	2.74	4.14	5.32	6.24
Compressor frequency	Hz	90	82	82	42	24	14

SEER calculation:

	Outdoor air	measured Cooling Capacity	Input Power	EER _{DC/meas}	Cd	EER _{PL}
	°C	kW	kW			
Α	35	6.904	2.297	3.01	0.25	3.01
В	30	4.975	1.038	4.79	0.25	4.79
С	25	3.230	0.409	7.90	0.25	7.90
D	20	2.082	0.184	11.32	0.25	11.32

			Cooling	Bin	Measured						hj x
		Part load	demand	hours	Cooling	Capacity	Measured	Corrected	EER(Tj)		Pc(Tj) /
	Tj	ratio	Pc(Tj)	hj	capacity	ratio	EER	EER _{PL}	Cd=0,25	hj x Pc(Tj)	EERbin(Tj)
	17	5.3%	0.363	205					10.46	74	7
	18	10.5%	0.727	227					10.46	165	16
	19	15.8%	1.090	225					10.46	245	23
D	20	21.1%	1.453	225	2.082	0.698	11.32	10.46	10.46	327	31
	21	26.3%	1.817	216					9.95	392	39
	22	31.6%	2.180	215					9.44	469	50
	23	36.8%	2.544	218					8.92	555	62
	24	42.1%	2.907	197					8.41	573	68
C	25	47.4%	3.270	178	3.230	1.012	7.90	7.90	7.90	582	74
	26	52.6%	3.634	158					7.28	574	79
	27	57.9%	3.997	137					6.66	548	82
	28	63.2%	4.360	109					6.03	475	79
	29	68.4%	4.724	88					5.41	416	77
В	30	73.7%	5.087	63	4.975	1.023	4.79	4.79	4.79	320	67
	31	78.9%	5.451	39					4.44	213	48
	32	84.2%	5.814	31					4.08	180	44
	33	89.5%	6.177	24					3.72	148	40
	34	94.7%	6.541	17					3.36	111	33
Α	35	100.0%	6.904	13	6.904	1.000	3.01	3.01	3.01	90	30
	36	105.3%	7.267	9					3.01	65	22
	37	110.5%	7.631	4					3.01	31	10
	38	115.8%	7.994	3					3.01	24	8
	39	121.1%	8.357	1					3.01	8	3
	40	126.3%	8.721	0					3.01	0	0
										6586	992
										SEERon	6.64
										SEER	6.13

Equiv. Hce	350	h				Q _c /SEER _{on}	363.91858	
H _{TO}	221	h	P _{TO}	0.07	kW	HTO*PTO	15.47	kwh
H _{SB}	2142	h	P _{SB}	0.007	kW	HSB*PSB	14.994	kwh
H _{CK}	2672	h	P _{CK}	0	kW	HCK*PCK	0	kwh
H _{OFF}	0	h	P _{OFF}	0.001	kW	HOFF*POFF	0	kwh
						Qce	394.38258	3
Pdesigno	6.904	kW						
Q_c	2416.4	kWh						

SCOP calculation (Average):

	Outdoor	Measure	Input	COP _{DC/meas}	Cd	COPPL
	air	d Heating	Power			(COP bin
		Capacity				(T j) >
	°C	kW	kW			
Α	-7	5.112	1.867	2.74	0.25	2.74
В	2	3.062	0.739	4.14	0.25	4.14
С	7	1.967	0.307	6.41	0.25	6.41
D	12	1.504	0.241	6.24	0.25	6.24
Е	-10	4.033	1.714	2.35	0.25	2.35
F	-7	5.112	1.867	2.74	0.25	2.74

												hj			hj*{Ph(Tj
					Heat load							*[{(Ph(Tj)-	COP)-
			Heating	Bin	covered							elbu(Tj)}/	(including		elbu(Tj)
		Part load	demand	hours	by the		Capacity					COPbin(Tj)	backup	hj*{Ph(Tj)-	/COPbin
	Tj	ratio	Ph(Tj)	hj	heat pump	elbu(Tj)	ratio	COPPL	COPtin(Tj)		hj x Ph(Tj)	+elbu(Tj)]	heater)	elbu(Tj)}	Tj)
	-10	100.0%	5.779	1	4.033	1.746	1.43	2.35	2.35		6	3	1.67	4	1.71
	-9	96.2%	5.557	25	4.393	1.164	1.26		2.48		139	73	1.89	110	44.26
	-8	92.3%	5.334	23	4.752	0.582	1.12		2.61		123	55	2.22	109	41.88
A	-7	88.5%	5.112	24	5.112	0.000	1.00	2.74	2.74		123	45	2.74	123	44.81
	-6	84.6%	4.890	27	4.890	0.000	1.00		2.89		132	46	2.89	132	45.62
	-5	80.8%	4.667	68	4.667	0.000	1.00		3.05		317	104	3.05	317	104.05
	-4	76.9%	4.445	91	4.445	0.000	1.00		3.21		405	126	3.21	405	126.15
	-3	73.1%	4.223	89	4.223	0.000	1.00		3.36		376	112	3.36	376	111.77
	-2	69.2%	4.001	165	4.001	0.000	1.00		3.52		660	188	3.52	660	187.59
	-1	65.4%	3.778	173	3.778	0.000	1.00		3.67		654	178	3.67	654	177.87
	0	61.5%	3.556	240	3.556	0.000	1.00		3.83		853	223	3.83	853	222.78
	1	57.7%	3.334	280	3.334	0.000	1.00		3.99		933	234	3.99	933	234.12
В	2	53.8%	3.112	320	3.112	0.000	1.00	4.14	4.14		996	240	4.14	996	240.31
	3	50.0%	2.889	357	2.889	0.000	1.00		4.60		1032	224	4.60	1032	224.43
	4	46.2%	2.667	356	2.667	0.000	1.00		5.05		949	188	5.05	949	188.06
	5	42.3%	2.445	303	2.445	0.000	1.00		5.50		741	135	5.50	741	134.65
	6	38.5%	2.223	330	2.223	0.000	1.00		5.95		733	123	5.95	733	123.18
C	7	34.6%	2.000	326	2.000	0.000	1.00	6.41	6.41		652	102	6.41	652	101.78
	8	30.8%	1.778	348	1.778	0.000	1.00		6.25		619	99	6.25	619	99.06
	9	26.9%	1.556	335	1.556	0.000	1.00		6.09		521	86	6.09	521	85.65
	10	23.1%	1.334	315	1.334	0.000	1.00		5.92		420	71	5.92	420	70.90
	11	19.2%	1.111	215	1.111	0.000	1.00		5.76		239	41	5.76	239	41.45
D	12	15.4%	0.889	169	0.889	0.000	1.00	5.60	5.60		150	27	5.60	150	26.82
	13	11.5%	0.667	151	0.667	0.000	1.00		5.4419		101	19	5.44	101	18.50
	14	7.7%	0.445	105	0.445	0.000	1.00		5.2810		47	9	5.28	47	8.84
	15	3.8%	0.222	74	0.222	0.000	1.00		5.1201		16	3	5.12	16	3.21
	16	0.0%		4910											
						3.492				summation	11937	2754		11893	2709
											SCOPon	4.33		SCOPnet	4.39
											SCOP	4.31			

H _{he}	1400	h					Q _h /SCOP _{on}	1866.3466	
H _{TO}	179	h		P _{TO}	0.07	kW	HTO*PTO	12.53	kwl
H _{SB}	0	h		P _{SB}	0.007	kW	HSB*PSB	0	kwl
H _{CK}	179	h		P _{CK}	0	kW	HCK*PCK	0	kwl
H _{OFF}	0	h		P _{OFF}	0	kW	HOFF*POFF	0	kwl
							Q_{ho}	1878.8766	
Pdesignh	5.779		kW						
Q_H	8090.295	7	kWh						

Item	Measured value	Rated value	Deviation	Verdict
SEER	6.13	6.10	0.5%	Р
SCOP(average)	4.31	4.00	7.8%	Р
Power consumption in thermostat off mode	70.0 W	70.0 W	0%	Р
Power consumption in standby mode	7.0 W	7.0 W	0%	Р

Remark:

For the original qualification test, the rating values should be equal to or more unfavorable than the tested values.

Table 1

Energy efficiency classes for air conditioners, except double ducts and single ducts

Energy Efficiency Class	SEER	SCOP
A+++	SEER ≥ 8,50	SCOP ≥ 5,10
A++	6,10 ≤ SEER < 8,50	4,60 ≤ SCOP < 5,10
A+	$5,60 \le SEER \le 6,10$	4,00 ≤ SCOP < 4,60
А	5,10 ≤ SEER < 5,60	3,40 ≤ SCOP < 4,00
В	4,60 ≤ SEER < 5,10	3,10 ≤ SCOP < 3,40
С	4,10 ≤ SEER < 4,60	2,80 ≤ SCOP < 3,10
D	$3,60 \le SEER < 4,10$	2,50 ≤ SCOP < 2,80
E	3,10 ≤ SEER < 3,60	2,20 ≤ SCOP < 2,50
F	2,60 ≤ SEER < 3,10	1,90 ≤ SCOP < 2,20
G	SEER < 2,60	SCOP < 1,90

Table for sound power

indoor										
Test voltage / frequency					230 V /	50 Hz				
Air inlet temperature, DB/WB		27.0°C /19.0 °C								
Measured surface	90.73 m ²									
Background Noise Level [dB]	18,0									
Microphone Position	1	2	3	4	5	6	7	8	9	10
L _{pi} [dB]	35.8	37.1	37.0	36.7	36.6	36.4	37.5	36.3	37.5	37.6
Lpmc / Averaged Sound Presure Level [dB (A)]					36.8	39				
LW / Sound Power Level [dB (A)]	56.46									
Rated sound Power Level [dB (A)]		57								
Verdict		Р								

outdoor										
Test voltage / frequency			230 V / 50 Hz							
Air inlet temperature, DB/WB	35.0 °C/24.0 °C									
Measured surface	25.13 m2									
Background Noise Level [dB]	18,0									
Microphone Position	1	2	3	4	5					
L _{pi} [dB]	46.6	46.9	47.5	47.0	45.4					
Lpmc / Averaged Sound Presure Level [dB (A)]			46.73							
LW / Sound Power Level [dB (A)]	60.74									
Rated sound Power Level [dB (A)]	61									
Verdict			Р	Р						



End of report