

catch 65°C!

امسك 65°م



Model No. 252680P28A
OP25PCA 1/2HP
REFRIGERANT R410A
1 PH 220-240V - 1.8A 50
SERIAL NO. 44201700-A-20111-001800
LG Electronics Inc. MADE IN KOREA

WARNING
Should be performed by trained personnel only.
● Do not touch the compressor directly.
● Do not touch the refrigerant pipe.
● Do not touch the high pressure pipe.
● Do not touch the low pressure pipe.
● Do not touch the oil separator.
● Do not touch the oil sight glass.
● Do not touch the compressor with bare hands during operation and after disconnection.
● Do not touch the refrigerant pipe.
● Do not touch the high pressure pipe.
● Do not touch the low pressure pipe.
● Do not touch the oil separator.
● Do not touch the oil sight glass.

MADE IN KOREA, MADE BY LG

XBTRO

COMPRESSOR



Life's Good  **LG** ارجي

TÜV Certification (شهادة TÜV)

LG **XBTRO** compressor is guaranteed by TÜV to keep cooling even under 65°C

LG **XBTRO** ضاغط معترف به من قبل TÜV للمحافظة على التبريد المساوي أو أقل من 65°C

Quality Assurance and Control, Industrial Safety, Consumer Product Safety,
Environmental Protection, Nuclear Safety, Vehicle Safety



LG Electronics Inc.
Mr. Bum-Young Kim
Room Air Conditioner Division
76, Seongsan-dong, Changwong
Gyeongsangnam-do, 641-713

Date : 28.04.2004
Our ref. : 13002894 001
Your ref. : Bum-Young Kim
Engineer : Seong-Ho Lee

Notification of Compliance

Dear Mr. Bum-Young kim,

We herewith notify that

The product : Room Air Conditioner with Rotary
Tropical Compressor (Bypass function)

Type designation : LWH186NBABQ/LWH246NBAB4/LWH246NBABQ

has been type-tested for compliance with

Test Requirement : ISO 5151:1994 Clause 4.2

and

Test Report No. : 13002894 001

and found out that

The appliance was operated continuously without the
interruption of compressor under the tropical
condition.

When contacting our office, please refer to our reference
number listed above.

We appreciate your valued support and would like to offer our
assistance and varried services in the approval of your products
in the future.

With kind regards,

TÜV RHEINLAND KOREA LTD.
BD Product Safety and Quality

Byung-Choon Yoo
Branch Manager

<http://www.tuv-korea.com>

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Test Report (تقارير الاختبار)

Produktsicherheit und -qualität
Product Safety and Quality



TÜV Rheinland
Berlin Brandenburg

Possible test case verdicts:

- | | |
|--|--------|
| - test case does not apply to the test object..: | N(.A.) |
| - test object does meet the requirement.....: | P(ass) |
| - test object does not meet the requirement..: | F(ail) |

General remarks:

"(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 comma is used as the decimal separator.

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 testing laboratory.

General product information:

The appliance is a Window type Bypass Room Air Conditioner for household or similar use and incorporates the Rotary Tropical compressor with type reference of QP325PC and QP375PC.

The test is conducted to verify if the Bypass room air conditioner with Rotary Tropical compressor can be operated continuously without the interruption of compressor under the tropical condition as the manufacturer's specification.

The appliance was tested under the condition of maximum cooling test according to ISO5151:1994

Clause 4.2 and the temperature condition of the manufacturer's specification.

This test report contains the relevant items only.

**Summary of testing:**

The Bypass room air conditioner with the Rotary Tropical compressor was operated continuously without the interruption of compressor under the tropical condition as the manufacturer's specification.

Test Report (تقارير الاختبار)

Produktsicherheit und -qualität
Product Safety and Quality



TÜV Rheinland
Berlin Brandenburg

ISO 5151			
Clause	Requirement - Test	Result - Remark	Verdict
4	COOLING TESTS		
4.2	Maximum cooling test		
4.2.1	General conditions		
	The conditions which shall be used during the maximum cooling test are given in table 2	P	
4.2.2	Temperature conditions		
	Tests shall be carried out under the conditions given in column T1, T2, or T3 of table 2	N	
	Equipment intended for use under more than one set of operating conditions shall have highest relevant set of the intended operating conditions applied for test purposes	N	
	If maximum operating temperature condition for cooling are specified in the manufacturer's equipment specification sheets, they shall be used instead of those in table 2	Indoor side : 32°C (D.B) 23°C (W.B) Outdoor side : 65°C (D.B) 41°C (W.B)	P ✓
4.2.3	Air-flow conditions		
	Test shall be conducted with an indoor-side air volume flowrate as determined under 4.1.3	P	
4.2.4	Test conditions		
4.2.4.1	Preconditions		
	The controls of the equipment shall be set for maximum cooling and all ventilating air dampers and exhaust air dampers shall be closed	P	
	The equipment shall be operated continuously for 1h after the specified air temperatures and the equilibrium condensate level have been established	P	
4.2.4.2	Duration of test		
	All power to the equipment shall be cut off for 3 min and then restored for 1h	Continuously operated more than 48h	N
4.2.5	Performance requirements		
4.2.5.1	During one entire test, the equipment shall operate without any indication of damage	P	
4.2.5.2	The motors of the equipment shall operate continuously for the first hour of the test without tripping of the motor-overload protective devices	The protective devices were not tripped	P