

Notified Body  
**TÜV Rheinland**  
**Product Safety GmbH**

Am Grauen Stein  
D-51105 Köln



recognized by the

**Bundesnetzagentur für Elektrizität, Gas,  
Telekommunikation, Post und Eisenbahnen**  
herewith grants a

**Statement of a Notified Body**

**Notified under No. 0197**

within the meaning of Annex III of the EMC Council  
Directive 2004/108/EC on compliance with the EMC protection requirements

**Statement Holder:**

Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:**

Air Conditioner  
(Air Handler)

**Identification:**

ED25	ED50
EC25	EC50

as described in the Technical Documentation  
CE-EMC-TD-ECED-001, issued on 22.Sep.2009.

This statement was issued in accordance with Annex III of the Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. This statement does not testify to compliance with the EMC protection requirements of other laws implementing Directives of the European Community other than Council Directive 2004/108/EC. This statement relates to the sample submitted for testing or to the technical report.

Registration No.: AV 50148564 0001

Reference No.: 16016390 002

Cologne, 22.09.2009

Notified Body



  
Yuxin Huang

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50164154 0001

Report No.: 16015530 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification: EC25 EC50 ED25 ED50

Serial No.: n.a.

Remark : Refer to test report 16015530 001 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 11.09.2009



  
Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

**Intertek** ETL SEMKO

## AUTHORIZATION TO MARK

This authorizes the application of the Certification Marks shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

**Applicant:** Broad Air Conditioning  
Broad Town, Changsha, Hunan 410138, China  
**Contact:** Name: Mr. Tan Yong Qiang  
TEL:(86)731-4086688 FAX:(86) 731-4613440

**Manufacturer:** Same As Applicant

**Report No.:** 3039384-003

**Report Issuing Office:** Intertek, Columbus Office

**Product Covered:** Broad N DFA Direct Fired Absorption Chiller/Heaters assemblies;BZ model series where B is followed by Z followed by XXXNX where XXX is 15,20,25,30,40,50,65, 75, 85, 100,125, 150, 175, 200, 250, 300, 400, 500, 600, 800, 1000, and X is Broad's designations associated with the heat source type.

**Description:** The product covered in this report is absorption chiller/heater assembly used to produce Chilled water for industrial or commercial air handling equipment. Water is used for Refrigerant medium. All refrigerant vessels operate under vacuum pressures. A lithium Bromide solution when heated, a strong absorbent of water, absorbs the surrounding vapor Continuously and keeps the low-pressure condition in the evaporator/absorber vessel. The Product or characterized by the solution heat source through a burner and is either heavy oil-fired or light oil-fired water chiller. Product is intended for indoor installations only.

**Standard(s):** Standard for Safety for Oil-Fired Boiler Assemblies(UL726 seventh edition, Revisions through and including January26,2001).

This document is the property of Intertek Testing Services NA Inc. and is not transferable. Only the Applicant may reproduce this document. The certification mark(s) may be applied only at the above noted location of the Party Authorized to Apply Mark.



**Authorized by:**   
William T. Starr  
Certification Manager

**Date:** 17 May, 2004

**Control Number:** 3018577

This authorization superseded our previous authorization dated 29 Jan., 2004.

**Intertek Testing Services NA Inc.**  
165 Main Street, Cortland, NY 13045-2995, USA  
Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699



Number E 0750



Gastec Certification B.V. hereby declares that the  
**Non-Electric Chiller / Heater, types**

**B(Z)(ZH)(ZE)(ZS)(ZHE) 15IX (C)(D)(BC)(BD) through  
B(Z)(ZH)(ZE)(ZS)(ZHE) 1000IX (C)(D)(BC)(BD)- (H<sub>1</sub> through H<sub>4</sub>)**

made by **Broad Air Conditioning,**

in **Changsha, Hunan, China,**

meet the essential requirements as described in the  
**Directive on appliances burning gaseous fuels  
(90/396/EEC)**

PIN : 0063BL3603

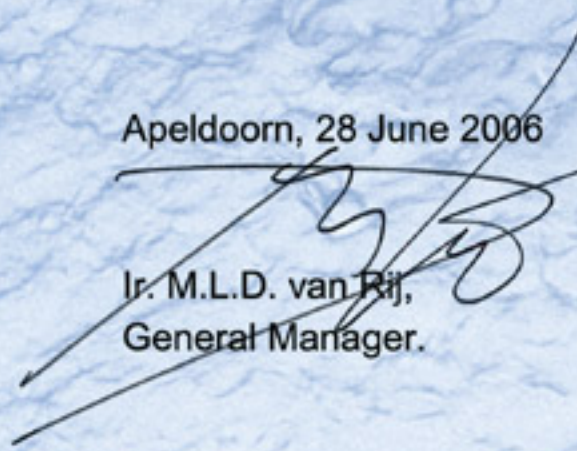
Report number : 172603

Appliance type : B<sub>23</sub>

Mentioned products can be marketed in:

AL (Albania)	DK (Denmark)	IS (Iceland)	PL (Poland)
AT (Austria)	EE (Estonia)	IT (Italy)	PT (Portugal)
BA (Bosnia-Herzegovina)	ES (Spain)	LT (Lithuania)	RO (Romania)
BE (Belgium)	FI (Finland)	LU (Luxembourg)	SE (Sweden)
BG (Bulgaria)	FR (France)	LV (Latvia)	SI (Slovenia)
BY (Belarus)	GB (United Kingdom)	MD (Moldova)	SK (Slovakia)
CH (Switzerland)	GR (Greece)	MK (Macedonia)	TR (Turkey)
CY (Cyprus)	HR (Croatia)	MT (Malta)	YU (Yugoslavia)
CZ (Czech Republic)	HU (Hungary)	NL (The Netherlands)	
DE (Germany)	IE (Ireland)	NO (Norway)	

Apeldoorn, 28 June 2006

  
Ir. M.L.D. van Rij,  
General Manager.

**GASTEC**  
Certification

Gastec Certification BV  
P.O. Box 137  
7300 AC Apeldoorn

Wilmsdorf 50  
7327 AC Apeldoorn  
The Netherlands



CERTIFICATE



# CERTIFICATE OF AUTHORIZATION

This certificate accredits the named company as authorized to use the indicated symbol of the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the Code symbol and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this symbol shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

**COMPANY:**

**Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha City, Hunan Province 410138  
People's Republic of China**

**SCOPE:**

**Manufacture of pressure vessels at the above location only**

**AUTHORIZED: March 19, 2009**

**EXPIRES: March 3, 2012**

**CERTIFICATE NUMBER: 35,653**

**Chairman of The Boiler  
And Pressure Vessel Committee**

**Director, Accreditation and Certification**



**THE NATIONAL BOARD  
OF  
BOILER & PRESSURE VESSEL INSPECTORS**

*Certificate of Authorization*



*This is to certify that*

**BROAD AIR CONDITIONING Co., LTD.  
BROAD TOWN  
CHANGSHA CITY, HUNAN PROVINCE, 410138  
CHINA**

*is authorized to apply the "NB" mark and register boilers, pressure vessels, or other pressure retaining items with the National Board in accordance with its provisions.*

*The scope of Authorization is limited to items manufactured in accordance with:*

**ASME**      *Stamp(s):*      **U**

**ISSUE DATE:**      **March 3, 2009**

**EXPIRATION DATE:**      **March 3, 2012**



**Executive Director**

A handwritten signature in black ink, appearing to be 'D. O. O.' followed by a flourish.

# 认证证书

标准 ISO 9001:2008

证书登记号码 01 100 79240

TÜV Rheinland Cert GmbH 兹证明:

证书持有者: 远大空调有限公司  
中华人民共和国湖南省长沙市远大城  
邮编: 410138

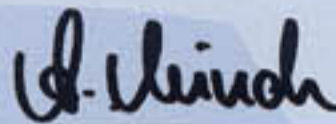
认证范围: 非电空调及真空锅炉、空调室内机的设计、销售、制造和空气净化机的设计、销售和制造管理

通过审核, 审核报告号码为 79240。  
证明满足了 ISO 9001:2008 标准的要求。

将来所有审核到期日为 27-03(日日/月月)

有效期: 证书有效期从 2009-05-08 至 2012-03-31  
首次认证始于 1997

香港, 2009-05-08



TÜV Rheinland Cert GmbH\*)  
Am Grauen Stein · 51105 Köln



TGA-ZM-58-95-00



www.tuv.com

 **TÜVRheinland®**  
Precisely Right.

# Certificate

Standard ISO 9001:2008

Certificate Registr. No. 01 100 79240

TÜV Rheinland Cert GmbH certifies:

Certificate Holder: **Broad Air Conditioning Co., Ltd.**  
Broad Town, Changsha City, Hunan Province 410138,  
P. R. China

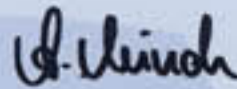
Scope: Design, Sales and Manufacturing of Non-electrical Air Conditioning Systems, Vacuum Heating Boilers and Indoor Units for Air Conditioning; Design, Sales and Manufacturing Management of Air Purifier

An audit was performed, Report No. 79240. Proof has been furnished that the requirements according to ISO 9001:2008 are fulfilled.

The due date for all future audits is 27-03 (dd.mm).

Validity: The certificate is valid from 2009-05-08 until 2012-03-31.  
First certification 1997

Hong Kong, 2009-05-08



TÜV Rheinland Cert GmbH \*)  
Am Grauen Stein · 51105 Köln



TGA-ZM-58-95-00



www.tuv.com

 **TÜVRheinland®**  
Precisely Right.

# SGS

此为证书 CN06/00089EM 译本

下述组织

## 远大空调有限公司

中国湖南省长沙市远大城, 邮编 410138



的管理体系已经过审核, 并被证明符合下述要求

## ISO 14001:2004

所涉及的活动范围覆盖

非电空调系统、真空锅炉及空调室内机的设计、制造和销售;  
空气净化机的设计、销售和制造管理

该证书的有效期自 2009-09-18 至 2012-09-17  
并须经过符合要求的监督审核保持有效  
持续认证需在 2012-08-11 之前执行  
版本号 2. 初始注册日期 2000-02

签署

SGS United Kingdom Ltd Systems & Services Certification  
Rossmore Business Park Ellesmere Port Cheshire CH65 3 EN UK  
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com

SGS EMS 04 0105

第 1 页 共 1 页





**AUTHORIZATION TO MARK**

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

**Applicant:** Broad Air Conditioning  
Broad Town, Changsha,  
Hunan 410138, China

**Contact:** Name: Mr. Tan Yong Qiang Phone: (86) 731-4086688 FAX: (86) 731-4613440

**Manufacturer:** Same as Applicant

**Party Authorized To Apply Mark:** Same as Manufacturer

**Report Issuing Office:** Intertek, Columbus Office

**Report No.:** 3063702-005


**Product Covered** Broad Outdoor Package Air Conditioner DFA: BZY model series where BZY is followed by 233 or 582 for cooling capacity followed by IX for design code followed by B, C, D or E for heating value, may be followed by K, D or W for model function and may be followed by H1 for enlarged heating capacity

**Description:** The product covered in this report is absorption chiller/heater with optional hot water supply assembly. Product used for commercial air handling equipment. All units utilize water as refrigerant medium, natural gas as heat source, lithium bromide as absorbent. All refrigerant vessels operate under vacuum pressures. Lithium Bromide solution when heated, a strong absorbent of water, absorbs the surrounding vapor continuously and keeps the low-pressure condition in the evaporator/absorber vessel. The product is characterized by cooling capacity. Product is intended for outdoor installations and permanently connected to a power supply

**Standard(s):** American National Standard/Canadian Gas Association Standard for Gas-Fired, Heat Activated Air-Conditioning And Heat Pump Appliance (ANSI Z21.40.1-1996, CGA 2.91a-M96, first edition, revisions through and including addenda ANSI Z21.40.1a-1997, CGA 2.91a-M97).

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Authorized by:   
William T. Starr,  
Certification Manager

Date: 3 Oct, 2005

Control Number: 3018577

Intertek Testing Services NA Inc.  
185 Main Street, Cortland, NY 13045-2995 USA  
Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6509





## CERTIFICATE OF COMPLIANCE



CERTIFICATE NUMBER: 050799  
ISSUE DATE: 03/11/99

Issued to:

Broad USA LTD  
Suite 7929  
1 World Trade Center  
New York, NY 10048

Report Reference: MH19712, Volume 1

This is to Certify that representative samples of:

Absorption Air Conditioning Equipment, Models BZXXXVIB, BZXXXVIBC, BZXXXVIBS, BZXXXVIC have been investigated by Underwriters Laboratories Inc. in accordance with the Standard(s) indicated on this Certificate.

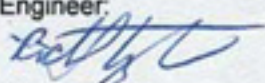
Standard(s) for Safety: UL 795, Commercial-Industrial Gas Heating Equipment  
UL 726, Oil-Fired Boiler Assemblies  
UL 296, Oil Burners

**Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service**


The UL Listing Mark generally includes four elements as follows: the name "Underwriters Laboratories Inc." in various forms and type styles, or abbreviations such as "Und. Lab. Inc." or the symbol "UL in a circle"; the word "Listed"; a control number (may be alphanumeric) assigned by UL; and, the product or category name (product identifier) as indicated in the appropriate UL Directory.

LOOK FOR THE UL LISTING MARK ON THE PRODUCT

Engineer:

  
Richard Taylor  
Senior Engineering Assistant  
Underwriters Laboratories Inc.

Reviewer:

  
Robert DellaValle  
Associate Managing Engineer  
Underwriters Laboratories Inc.

**AUTHORIZATION TO MARK**

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

**Applicant:** Broad Air Conditioning  
Broad Town, Changsha,  
Hunan 410138, China

**Contact:** Name: Mr. Tan Yong Qiang Phone: (86) 731-4566585 FAX: (86) 731-4513440

**Manufacturer:** Same as Applicant

**Party Authorized To Apply Mark:** Same as Manufacturer

**Report Issuing Office:** Intertek, Columbus Office

**Report No.:** 3063702-006

**Product Covered:** Broad Outdoor Package Air Conditioner DFA: BZY model series where BZY is followed by 233 or 582 for cooling capacity followed by IX for design code followed by B, C, D or E for heating value, may be followed by K, D or W for model function and may be followed by H1 for enlarged heating capacity

**Description:** The product covered in this report is absorption chiller/heater with optional hot water supply assembly. Product used for commercial air handling equipment. All units utilize water as refrigerant medium, natural gas as heat source, lithium bromide as absorbent. All refrigerant vessels operate under vacuum pressures. Lithium Bromide solution when heated, is strong absorbent of water, absorbs the surrounding vapor continuously and keeps the low-pressure condition in the evaporator/absorber vessel. The product is characterized by cooling capacity. Product is intended for outdoor installations and permanently connected to a power supply

**Standard(s):** Standard for Safety for Oil-Fired Boiler Assemblies (UL 726, seventh edition, dated November 30, 1995) Standard contains revisions through and including 01/26/2001

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**Authorized by:**   
William T. Starr,  
Certification Manager

**Date:** 3 Oct, 2005

**Control Number:** 3018577

**Intertek Testing Services NA Inc.**  
165 Main Street, Cortland, NY 13045-2995 USA  
Telephone 800-345-3851 or 607-753-8711 Fax 607-756-6090



# CERTIFICATE



of Conformity  
Low Voltage Directive 73/23/EEC  
as last amended by EEC Directive 93/68/EEC

Registration No.: AN 50080416 0001

Report No.: 16006802 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Klimagerät  
(Direct-Fired Absorption Chiller)

Identification: Type Designation : BZrrIXss BZSrrIXss BZHrrIXss  
BZErrIXss BZHerrIXss

Serial No.: n.a.

Remark : Refer to test report 16006802 001 for a detailed  
list of the variables rr, ss.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 73/23/EEC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Cologne, 05.09.2006



Certification Body

Dipl.-Ing. T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

## AUTHORIZATION TO MARK

This authorizes the application of the Certification Marks shown below to the Product Covered (also to the multiple listee model identified on the correlation page of the Listing Report where applicable) when made in accordance with the Description and under the conditions set forth in the Certification Agreement and Listing Report:

**Applicant:** Broad Air Conditioning  
Broad Town, Changsha,  
Hunan 410138, P.R.China

**Contact:** Name: Mr. Tan Yong Qiang Phone: 86-731-4086688

**Manufacturer:** Broad Air Conditioning  
Broad Town, Changsha,  
Hunan 410138, P.R.China

**Party Authorized To Apply Mark:** (Same as Manufacturer)

**Report Issuing Office:** Intertek, Columbus Office


**Report No.:** 3039384-002

**Product Covered:** Broad N Two-Stage Indirect-Fired absorption chiller assemblies; BS model series where B is followed by H, or S followed by XXXNX where XXX is 15, 20, 25, 30, 40, 50, 65, 75, 85, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 800, 1000 and X is Broad<sup>®</sup> designations associated with the heat source type.

**Description:** The product covered in this report is absorption chiller assembly used to produce chilled water for industrial or commercial air handling equipment. Water is used for refrigerant medium. All refrigerant vessels operate under vacuum pressures. A Lithium Bromide solution when heated, a strong absorbent of water, absorbs the surrounding vapor continuously and keeps the low pressure condition in the evaporator/absorber vessel. The product is characterized by the solution heat source and is either hot water chiller (BHXXXNX), or a steam chiller (BSXXXNX). Product is intended for indoor installations only.

**Standard(s):** Standard for Safety Heating And Cooling Equipment (ANSI/UL 1995 second edition, CAN/CSA C22.2 No. 236)

This document is the property of Intertek Testing Services and is not transferable. Only the Applicant may reproduce this document. The certification mark(s) may be applied only at the above noted location of the Party Authorized to Apply Mark.

**Authorized by:**   
William T. Starr  
Certification Manager



**Date:** 27 Feb, 2004

**Control Number:** 3018577

This authorization superseded our previous authorization dated 8 Jan., 2004

**Intertek Testing Services NA Inc.**  
165 Main Street, Cortland, NY 13045-2995, USA  
Telephone 800-345-3851 or 607-753-6711 Fax 607-755-6699



**Intertek** ETL SEMKO

## AUTHORIZATION TO MARK

This authorizes the application of the Certification Marks shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

**Applicant:** Broad Air Conditioning  
Broad Town, Changsha, Hunan 410138, China  
**Contact:** Name: Mr. Tan Yong Qiang  
TEL:(86)731-4086688 FAX:(86) 731-4613440

**Manufacturer:** Same As Applicant

**Report No.:** 3039384-003

**Report Issuing Office:** Intertek, Columbus Office


**Product Covered:** Broad N DFA Direct Fired Absorption Chiller/Heaters assemblies; BZ model series where B is followed by Z followed by XXXNX where XXX is 15, 20, 25, 30, 40, 50, 65, 75, 85, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 800, 1000, and X is Broad's designations associated with the heat source type.

**Description:** The product covered in this report is absorption chiller/heater assembly used to produce Chilled water for industrial or commercial air handling equipment. Water is used for Refrigerant medium. All refrigerant vessels operate under vacuum pressures. A lithium Bromide solution when heated, a strong absorbent of water, absorbs the surrounding vapor continuously and keeps the low-pressure condition in the evaporator/absorber vessel. The Product or characterized by the solution heat source through a burner and is either heavy oil-fired or light oil-fired water chiller. Product is intended for indoor installations only.

**Standard(s):** Standard for Safety for Oil-Fired Boiler Assemblies (UL726 seventh edition, Revisions through and including January 26, 2001).

This document is the property of Intertek Testing Services NA Inc. and is not transferable. Only the Applicant may reproduce this document. The certification mark(s) may be applied only at the above noted location of the Party Authorized to Apply Mark.



**Authorized by:**   
William T. Starr  
Certification Manager

**Date:** 17 May, 2004

**Control Number:** 3018577

This authorization superseded our previous authorization dated 29 Jan., 2004.

**Intertek Testing Services NA Inc.**  
165 Main Street, Cortland, NY 13045-2995, USA  
Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699



**Intertek** ETL SEMKO

## AUTHORIZATION TO MARK

This authorizes the application of the Certification Marks shown below to the Product Covered (also to the multiple listee model identified on the correlation page of the Listing Report where applicable) when made in accordance with the Description and under the conditions set forth in the Certification Agreement and Listing Report:

**Applicant:** Broad Air Conditioning  
Broad Town, Changsha, Hunan 410138, China  
**Contact:** Name: Mr. Tan Yong Qiang Phone: (86) 731-4086688  
**Manufacturer:** Same As Applicant  
**Party Authorized To Apply Mark:** (Same as Manufacturer)

**Report No.:** 3039384-001

**Report Issuing Office:** Intertek, Columbus Office

**Product Covered:** Broad N Single-Stage Indirect-Fired absorption chiller-heater assemblies, Model BDXXXXNX where XXX is 15, 20, 25, 30, 40, 50, 65, 75, 85, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 800, 1000. Models may be followed by other designations associated with the heat source type (Steam Pressure, MPA, or heat source water, outlet/inlet temp. °C, followed by design code, or exhaust inlet temp. °C followed by chilled water temp. outlet/inlet followed by cooling water temp. outlet/inlet followed by a Broad design code.

**Description:** The product covered in this report is absorption chiller-heater assemblies used for chilling and heating water for industrial or commercial air handling equipment. Water is used for refrigerant medium. All refrigerant vessels operate under vacuum pressures. A Lithium Bromide solution when heated, a strong absorbent of water, absorbs the surrounding vapor continuously and keeps the low pressure condition in the evaporator/absorber vessel. The product is characterized by the solution heat source and is either hot water chiller, a steam chiller or exhaust-fired chiller. Product is intended for indoor installations only.

**Standard(s):** Standard for Safety Heating And Cooling Equipment (ANSI/UL 1995 second edition, CAN/CSA C22.2 No. 236).

This document is the property of Intertek Testing Services and is not transferable. Only the Applicant may reproduce this document. The certification mark(s) may be applied only at the above noted location of the Party Authorized to Apply Mark.

**Authorized by:**

*for*   
William T. Starr  
Certification Manager



**Date:**

*2 Oct, 2003*

**Control Number:** 3018577

This authorization superseded our previous authorization dated 11 Sept., 2003.

**Intertek Testing Services NA Inc.**  
165 Main Street, Cortland, NY 13045-2995, USA.  
Telephone 900-345-3851 or 607-753-6711 Fax 607-756-9699



Competent Body  
**TÜV Rheinland**  
Product Safety GmbH



Am Grauen Stein  
D-51105 Köln

accredited by the

Bundesnetzagentur für Elektrizität, Gas,  
Telekommunikation, Post und Eisenbahnen  
herewith grants a

**Certificate of a Competent Body**

within the meaning of Paragr. 4 (2) EMC Act respectively Art. 10 (2) of the  
EMC Council Directive on compliance with the EMC protection requirements

**Certificate Holder:**

Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:**

Klimagerät  
(Broad IX Absorption Chiller/Heater)

**Identification:**

BZ rr IX ss BZS rr IX ss BZH rr IX ss BZE rr IX ss  
BZHE rr IX ss BS rr IX tt BH rr IX uu BE rr IX vv  
BDS rr IX ww BDH rr IX xx BDE rr IX yy

as described in the Technical Construction File  
EMC-TCF-IX-001, Rev.0.0, as of Dec. 30th, 2005

This certificate was issued in accordance with Article 10 (2) of the Council Directive 89/336/EEC in its latest amended version on the approximation of the laws of the Member States relating to electromagnetic compatibility, implemented in Germany by the "Electromagnetic Compatibility Act of September 18th, 1998 (EMVG, Paragr. 4(2))". This certificate does not testify to compliance with the EMC protection requirements of other laws implementing Directives of the European Community other than Council Directive 89/336/EEC. This certificate relates to the sample submitted for testing or to the technical report.

Registration No.: AV 50080711 0001

Reference No.: 16006330 002 of:08.03.2006

Cologne, 08.03.2006

Competent Body

Yuxin Huang





# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 73/23/EEC  
as last amended by EEC Directive 93/68/EEC

Registration No.: AN 50037854 0001

Report No.: 16002338 001

Holder: Broad Air Conditioning  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Klimagerät  
(Direct-fired absorption chiller/heater)

Identification: Type Designation : BZY233Nx-y-z BZY582Nx-y-z  
Variable x = C, D, E (indicates type of fuel).  
Variable y = k, d, w or blank  
Variable z = H1 or blank  
Serial No. : n.a.  
Remark: Refer to test report 16002338 001 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 73/23/EEC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Cologne, 05.02.2004



Certification Body

*F. Nispel*  
Dipl.-Ing. F. Nispel

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

Approval number: E4-10R-021110

Extension number: 00

8. Additional information (where applicable) : See Appendix
9. Technical service responsible for carrying out the tests : TÜV Kraftfahrt GmbH  
TÜV Rheinland Group  
Technologiezentrum Verkehrssicherheit  
Typprüfstelle Fahrzeuge/Fahrzeugteile  
Am Grauen Stein  
D-51105 Köln (Poll)
10. Date of test report : August 03, 2007
11. Number of test report : 85-R10-218/07
12. Remarks (if any) : See Appendix
13. Place : Zoetermeer
14. Date : 21-Aug-2007
15. Signature :



J.C.M. Hoes

16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached (27 pages).



RDW

Vehicle Technology Division

THE NETHERLANDS  
(N E D E R L A N D)



COMMUNICATION

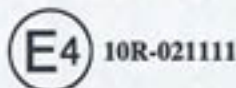
- Concerning:
- APPROVAL GRANTED
  - APPROVAL EXTENDED
  - APPROVAL REFUSED
  - APPROVAL WITHDRAWN
  - PRODUCTION DEFINITELY DISCONTINUED

of a type of electrical / electronic sub-assembly with regard to Regulation No. 10.

Approval number: E4-10R-021111

Extension number: 00

Approval mark:



- |   |   |
|---|---|
| Reason for extension  | : not applicable  |
| 1. Make (trade name of manufacturer)  | : Broad   |
| 2. Type   | : TA240   |
| Version(s)  | Version 1: TA240; Version 2: TB240  |
| General commercial description(s)   | Air Purifier  |
| 3. Means of identification of type, if marked on the vehicle/ component / separate technical unit                   | : See point 3.1   |
| 3.1. Location of that marking   | : Label affixed to the upper side of the housing                                    |
| 4. Category of vehicle  | : Not applicable  |
| 5. Name and address of manufacturer   | : Broad Air Conditioning Co. Ltd<br>Broad Town, Changsha, Hunan, 410138, P.R. China |
| 6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark | : Label affixed to the upper side of the housing                                    |
| 7. Name and address(es) of assembly plant(s)  | : Broad Air Conditioning Co. Ltd<br>Broad Town, Changsha, Hunan, 410138, P.R. China |

P.O. Box 777  
2700 AT Zoetermeer  
The Netherlands

Tel. +31 (0)79 345 81 43  
Fax +31 (0)79 345 80 33

Vehicle Approval and Information

Competent Body  
**TÜV Rheinland**  
Product Safety GmbH



Am Grauen Stein  
D-51105 Köln

accredited by the

Regulierungsbehörde für Telekommunikation und Post  
herewith grants a

**Certificate of a Competent Body**

within the meaning of Paragr. 4 (2) EMC Act respectively Art. 10 (2) of the  
EMC Council Directive on compliance with the EMC protection requirements

**Certificate Holder:**

Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:**

Klimagerät  
Outdoor Unit for Chiller/Heater

**Identification:**

Broad Outdoor Package  
Direct-Fired Absorption Chiller/Heater

outdoor mounted subassemblies of:  
BZY233 series, BZY582 series

as described in the Technical Construction File  
16002354, as of December 23, 2003


This certificate was issued in accordance with Article 10 (2) of the Council Directive 89/336/EEC in its latest amended version on the approximation of the laws of the Member States relating to electromagnetic compatibility, implemented in Germany by the "Electromagnetic Compatibility Act of September 18th, 1998 (EMVG, Paragr. 4(2))". This certificate does not testify to compliance with the EMC protection requirements of other laws implementing Directives of the European Community other than Council Directive 89/336/EEC. This certificate relates to the sample submitted for testing or to the technical report.

Registration No.: AV 50039077 0001

Competent Body

Reference No.: 16002354 002 of:27.02.2004

Cologne, 27.02.2004

  
Dipl.-Phys. J. Iden



**Approval number: E4-10R-021111**

**Extension number: 00**

8. Additional information (where applicable) : See Appendix
9. Technical service responsible for carrying out the tests : TÜV Kraftfahrt GmbH  
TÜV Rheinland Group  
Technologiezentrum Verkehrssicherheit  
Typprüfstelle Fahrzeuge/Fahrzeugteile  
Am Grauen Stein  
D-51105 Köln (Poll)
10. Date of test report : August 02, 2007
11. Number of test report : 85-R10-219/07
12. Remarks (if any) : See Appendix
13. Place : Zoetermeer
14. Date : 21-Aug-2007
15. Signature :



The signature of J.C.M. Hoes is written in blue ink over a circular blue stamp. The stamp features a coat of arms with a crown on top and the letters 'RDW' at the bottom.

**J.C.M. Hoes**

16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached (27 pages).

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50163385 0001

Report No.: 16010243 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

## Identification:

Type Designation : Ax n  
Variable x = A, B, C, ..., N, O; n = 1.8, 2.7, 3.6

Serial No.: n.a.

Remark : Refer to test report 16010243 003 for a detailed listing of the variables x, n.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 31.08.2009



A handwritten signature in black ink, appearing to read 'T. Zimmer'.

Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50163386 0001

Report No.: 16010243 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification: DB 3.6 DB 4.5 DB 5.4 DB 7.2 DB 9 DB 12 DC 3.6  
DC 4.5 DC 5.4 DC 7.2 DC 9 DC 12 DD 3.6 DD 4.5  
DD 5.4 DD 7.2 DD 9 DD 12 DQ 3.6 DQ 5.4 DQ 9  
DQ 12 DR 3.6 DR 5.4 DR 9 DR 12 DS 3.6 DS 5.4  
DS 9 DS 12 DE 7.2 DE 12 DF7.2 DF12

Serial No.: n.a.

Remark : Refer to test report 16010243 003 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 31.08.2009



Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE







RDW

Vehicle Technology Division

THE NETHERLANDS  
(NEDERLAND)



COMMUNICATION

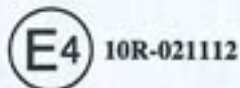
- Concerning:
- APPROVAL GRANTED
  - APPROVAL EXTENDED
  - APPROVAL REFUSED
  - APPROVAL WITHDRAWN
  - PRODUCTION DEFINITELY DISCONTINUED

of a type of electrical / electronic sub-assembly with regard to Regulation No. 10.

Approval number: E4-10R-021112

Extension number: 00

Approval mark:



- |   |   |   |
|---|---|---|
| Reason for extension  | : | not applicable  |
| 1. Make (trade name of manufacturer)  | : | Broad   |
| 2. Type   | : | TA400   |
| Version(s)  | : | Version 1: TA400; Version 2: TB400  |
| General commercial description(s)   | : | Air Purifier  |
| 3. Means of identification of type, if marked on the vehicle/ component / separate technical unit                   | : | See point 3.1   |
| 3.1. Location of that marking   | : | Label affixed to the upper side of the housing                                    |
| 4. Category of vehicle  | : | Not applicable  |
| 5. Name and address of manufacturer   | : | Broad Air Conditioning Co. Ltd<br>Broad Town, Changsha, Hunan, 410138, P.R. China |
| 6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark | : | Label affixed to the upper side of the housing                                    |
| 7. Name and address(es) of assembly plant(s)  | : | Broad Air Conditioning Co. Ltd<br>Broad Town, Changsha, Hunan, 410138, P.R. China |

P.O. Box 777  
2700 AT Zoetermeer  
The Netherlands

Tel. +31 (0)79 345 81 43  
Fax +31 (0)79 345 80 33

Vehicle Approval and Information

**Approval number: E4-10R-021112**

**Extension number: 00**

8. Additional information (where applicable) : See Appendix
9. Technical service responsible for carrying out the tests : TÜV Kraftfahrt GmbH  
TÜV Rheinland Group  
Technologiezentrum Verkehrssicherheit  
Typprüfstelle Fahrzeuge/Fahrzeugteile  
Am Grauen Stein  
D-51105 Köln (Poll)
10. Date of test report : August 02, 2007
11. Number of test report : 85-R10-220/07
12. Remarks (if any) : See Appendix
13. Place : Zoetermeer
14. Date : 21-Aug-2007
15. Signature :



**J.C.M. Hoes**

16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached (27 pages).

**AUTHORIZATION TO MARK**

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

**Applicant:** Broad Air Conditioning  
Broad Town, Changsha,  
Hunan 410138, China

**Contact:** Name: Mr. Tan Yong Qiang TEL: (86) 731-4086688 FAX : (86) 731-4613440

**Manufacturer:** Same as Applicant

**Party Authorized To Apply Mark:** Same as Applicant

**Report Issuing Office:** Intertek, Columbus Office

**Report No.:** 3063702-004


**Product Covered:** Broad House Gas Air Conditioner assemblies; BCT model series where BCT is followed by 16, 23, 70 or 115 for cooling capacity followed by C, D or E for heating value and may be followed by K, D or W for model function

**Description:** The product covered in this report is absorption chiller/heater with optional hot water supply assembly. Product used for residential or light commercial air handling equipment. All units utilize water as refrigerant medium, natural gas as heat source, lithium bromide as absorbent. All refrigerant vessels operate under vacuum pressures. Lithium Bromide solution when heated, a strong absorbent of water, absorbs the surrounding vapor continuously and keeps the low-pressure condition in the evaporator/absorber vessel. The product is characterized by cooling capacity. Product is intended for outdoor installations and permanently connected to a power supply.

**Standard(s):** American National Standard/Canadian Gas Association Standard for Gas-Fired, Heat Activated Air-Conditioning And Heat Pump Appliance (ANSI Z21.40.1-1996, CGA 2.91a-M96, first edition, revisions through and including addenda ANSI Z21.40.1a- 1997, CGA 2.91a-M97).

*This document is the property of Intertek Testing Services and is not transferable. Only the Applicant may reproduce this document. The certification mark(s) may be applied only at the above noted location of the Party Authorized To Apply Mark.*



Authorized by: William T. Starr  Date: January 11, 2005

Control Number: 3018577

Intertek Testing Services NA Inc.  
165 Main Street, Cortland, NY 13045  
Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699



# C E R T I F I C A T E

of Conformity

EC Council Directive 2004/108/EC  
Electromagnetic Compatibility



Registration No.: AE 50117139 0001

Report No.: 16009621 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Cleaner  
(Air Purifier)

Identification: TA100 TB100 TA240  
TB240 TA400 TB400

Serial No.: n.a.

Remark: Refer to test report 16009621 001 for details.

Tested acc. to: EN 55014-1:2000+A1+A2  
EN 55014-2:1997+A1  
EN 61000-3-2:2000+A2  
EN 61000-3-3:1995+A1+A2

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.



Cologne, 25.10.2007

Certification Body

Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

Competent Body  
**TÜV Rheinland**  
Product Safety GmbH



Am Grauen Stein  
D-51105 Köln

accredited by the

**Regulierungsbehörde für Telekommunikation und Post**  
herewith grants a

**Certificate of a Competent Body**

within the meaning of Paragr. 4 (2) EMC Act respectively Art. 10 (2) of the  
EMC Council Directive on compliance with the EMC protection requirements

**Certificate Holder:**

Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:**

Klimagerät  
Outdoor Unit for Air Conditioner

**Identification:**

Broad House Gas Air Conditioner

outdoor mounted subassemblies of:  
BCT16 series, BCT23 series,  
BCT70 series, BCT115 series

as described in the Technical Construction File  
16001011, as of December 23, 2003


This certificate was issued in accordance with Article 10 (2) of the Council Directive 89/336/EEC in its latest amended version on the approximation of the laws of the Member States relating to electromagnetic compatibility, implemented in Germany by the "Electromagnetic Compatibility Act of September 18th, 1998 (EMVG, Paragr. 4(2))". This certificate does not testify to compliance with the EMC protection requirements of other laws implementing Directives of the European Community other than Council Directive 89/336/EEC. This certificate relates to the sample submitted for testing or to the technical report.

Registration No.: AV 50039073 0001

Competent Body

Reference No.: 16001011 002 of:27.02.2004

Cologne, 27.02.2004

  
Dipl.-Phys. J. Iden



# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50163387 0001

Report No.: 16010243 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification:

CC 9	CD 4.5	CD 9	CE 3.6	DP 3.6	DP 5.4
AP 1.8	AP 2.7	AP 3.6	AR 1.8	AR 2.7	AR 3.6
AQ 1.8	AQ 2.7	AQ 3.6	AS 1.8	AS 2.7	AS 3.6
CA 5.4					

Serial No.: n.a.

Remark : Refer to test report 16010243 003 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body



Cologne, 31.08.2009

Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

**C E R T I F I C A T E**  
of Conformity

**EC Council Directive 2004/108/EC**  
**Electromagnetic Compatibility**



**Registration No.:** AE 50117142 0001

**Report No.:** 16009621 001

**Holder:** Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:** Air Cleaner  
(Air Purifier)

**Identification:** TB800 TA1000 TA2000  
Serial No.: n.a.

**Remark:** Refer to test report 16009621 001 for details.

**Tested acc. to:** EN 55014-1:2000+A1+A2  
EN 55014-2:1997+A1  
EN 61000-3-2:2000+A2  
EN 61000-3-3:1995+A1+A2

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 25.10.2007



Certification Body

Dipl.-Ing. (FH) T. Zimmer

**TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln**

**CE** The CE marking may only be used if all relevant and effective EC Directives are complied with. **CE**

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50163388 0001

Report No.: 16010243 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification:

DG 2.7	DG 3.6	DG 4.5	DG 5.4	DG 7.2	DG 9	DG 12
DH 2.7	DH 3.6	DH 4.5	DH 5.4	DH 7.2	DH 9	DH 12
DI 2.7	DI 3.6	DI 4.5	DI 5.4	DI 7.2	DI 9	DI 12
DJ 5.4	DJ 9	DJ 12	DM 3.6	DM 12		

Serial No.: n.a.

Remark : Refer to test report 16010243 003 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 31.08.2009



Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE



# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50163390 0001

Report No.: 16010243 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification: DN 4.5    DN 7.2    DO 4.5    DO 7.2    DK 4.5    DK 5.4  
DK 12    DL 2.7    DL 4.5    DL 5.4    DL 12

Serial No.: n.a.

Remark : Refer to test report 16010243 003 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 31.08.2009



Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50117046 0001

Report No.: 16010205 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Cleaner  
(Air Purifier)

Identification: TB800 TA1000 TA2000  
Serial No.: n.a.

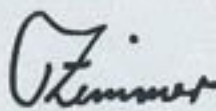
Remark: Refer to test report 16010205 001 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.



Cologne, 18.12.2007

Certification Body

  
Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 73/23/EEC  
as last amended by EEC Directive 93/68/EEC

Registration No.: AN 50037853 0001

Report No.: 16000995 001

Holder: Broad Air Conditioning  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Klimagerät  
(House Gas Air Conditioner)

Identification: Type Designation : BCT16x-y BCT23x-y  
BCT70x-y BCT115x-y  
Variable x = C, D, E (indicates type of fuel).  
Variable y = K, d, w or blank  
Serial No. : n.a.  
Remark: Refer to test report 16000995 001 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 73/23/EEC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.



Certification Body

Cologne, 05.02.2004

Dipl.-Ing. F. Nispel

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50121754 0001

Report No.: 16009619 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Cleaner  
(Air Purifier)

Identification: TA 100 TB 100 TA 240  
TB 240 TA 400 TB 400

Serial No.: n.a.

Remark : Refer to test report 16009619 001 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.



Certification Body

Cologne, 08.01.2008

Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE



# ISTITUTO GIORDANO S.p.A.

SINCE 1959 RESEARCHES AND CERTIFICATIONS EXPERTS

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R.E.A. c/o C.C.I.A.A. (RN) 156766  
Registro Imprese Rimini n. 00 549 0540 409  
Cap. Soc. € 516.000,00 i.v.

## OFFICIAL RECOGNITION:

- Ministry of Transport and Public Works: Italian Law No. 1086/71, D.M. 27/11/82 No. 22913. Testing of **construction material**.
- Ministry of Industry, Trade and Crafts: D.M. 09/11/99. "Notified Body" for **recreational crafts**.
- Ministry of Industry, Trade and Crafts: D.M. 08/07/93. "Notified Body" for **toys**.
- Ministry of Industry, Trade and Crafts: D.M. 30/07/97. "Notified Body" for the performance of **hot water boilers** fuelled by combustible or gaseous liquids.
- Ministry of Industry, Trade and Crafts: Authorisation No. 757890 of 15/12/1998. "Notified Body" for the **gas appliances**.
- Ministry of Industry, Trade and Crafts and Ministry of Labour and Social Security: D.M. 09/07/93. "Notified Body" for the **simple pressure vessels**.
- Ministry of Production: D.M. 03/06/02. "Notified Body" for the **machinery**.
- Ministry of Industry, Trade and Crafts - General Administration for the Regulation and Defence of the Market: Authorising for the **verification of safety and product conformity** in the field of market surveillance and consumer protection, according to Italian Law No. 140 of 11/05/99.
- Ministry of Industry, Trade and Crafts: D.M. 02/04/98. Release of conformity certificates for **energetic characteristics and performances of buildings and plants components**.
- Ministry of the Interior: Italian Law No. 818/84 and D.M. 26/03/85. Authorisation of 21/03/86. Test of **reaction to fire** according to D.M. 26/06/84 and 26/03/85.
- Ministry of the Interior: Italian Law No. 818/84 and D.M. 26/03/85. Authorisation of 10/07/86. Test of **fire resistance** according to Circular No. 91 of 14/09/61.
- Ministry of the Interior: Italian Law No. 818/84 and D.M. 26/03/85. Authorisation of 03/07/92. Test of **fire resistance** according to Circular No. 7 of 02/04/91, in the standard CNVVF/CCI UNI 9723 and in the D.M. 26/03/85.
- Ministry of the Interior: Italian Law No. 818/84 and D.M. 26/03/85. Authorisation of 12/04/88. Test of **portable fire extinguishers** according to D.M. 20/12/82.
- MURST (Ministry of University, Scientific and Technological Research): Italian Law No. 46/82 and D.M. 09/10/85. Istituto Giordano has been admitted to the register of laboratories authorised to carry out **applied research for small and medium industries**.
- Ministry of Education: Registry No. 116 of 27/03/87. Admission to the National Research Register, Code No. E0490Y9Y.
- Ministry of Production: Decree of 24/05/02. "Notified Body" for the **pressure equipment**.
- Ministry of Production: D.M. 14/02/02. "Notified Body" for the acoustics emission in the environment for **machinery and equipment**.
- Ministry of Transport and Navigation: Decree of 05/02/03. Conformity evaluation of **maritime equipment**.
- SINCERT Italian certification body: Accreditation No. 057A awarded on 19/12/00 as an **organization for certification of management systems**.
- SINAL (National System for Laboratory Accreditation): Accreditation No. 0021 issued 14/11/91.
- SIT (Italian Calibration Service): Authorisation No. 20 and No. 83 - Calibration of temperatures and electrical quantities.
- ICIM (Mechanics Institute of Industrial Certification): Testing of product certification schemes and releases the "ICIM Mark".
- IMQ (Institute of Quality Marking): Testing of certification schemes for the end product and releases the "IMQ-CIG Quality Mark" on **flues**.
- UNCSAAL (National Union of Manufacturers of Aluminium, Steel and Alloy Window Frames): Recognition dated 26/03/85. Test laboratory for UNCSAAL certification on **window frames and curtain walls**.
- UNI (Italian Standardization Body - Certification Sector): Laboratory testing on product certification procedures for the release of the "UNI Quality Mark" for **open, wood burning fireplaces with forced fluid circulation and external window frames**.
- KEYMARK for thermal insulation (www.key-mark.org): Authorisation dated 05/07/02 conceded by SDGS for measurement of thermal conductivity within voluntary product certification programme CEN KEYMARK for **insulation materials**.
- IFT (Institut für FensterTechnik e.V.): Laboratory testing, and surveillance at company on product certification procedures for the release of the "IFT-IG" Quality Mark on **burglar-resistance doors**.

## MEMBERSHIP OF SOCIETIES:

- AIA - Italian Acoustics Association.
- AICARR - Italian Association for Air Conditioning, Heating and Refrigeration.
- AICQ - Italian Quality Association.
- AIPND - Italian Association for Non-Destructive Testing.
- ALIF - Association of Italian Fire Laboratories.
- ALPI - Association of Independent Test Laboratories.
- ASHRAE - American Society of Heating, Refrigerating and Air Conditioning Engineers Inc.
- ASSINDUSTRIA - Association of Industries, Rimini.
- ASTM - American Society for Testing and Materials.
- ATIG - Italian Gas Technical Association.
- CTE - Italian Technical Committee for Industrial Building.
- CTI - Italian Heat Technology Committee.
- EARMA - Research Association for Managers and Administrators.
- EARTO - European Association of Research and Technology Organisations.
- EGOLF - European Group of Official Laboratories for Fire Testing.
- UNI - Italian Standardization Body.

## CLAUSES

This document only refers to the specimen or material submitted to test.  
This document cannot partially be reproduced, approval written excepted of the laboratory.

## EC TYPE-EXAMINATION CERTIFICATE

No. 23228/176/C  
Contract No. CHIG03090

*This is to certify that the products identified below is in compliance with the essential requirements according with Directive 90/396/EEC GAD Annex I.*

Description:

### **BROAD HOUSE GAS AIR CONDITIONER**

Model/Type:

**BCT16, BCT23, BCT70, BCT115**

Directive:

**90/396/EEC GAD**

Manufacturer:

**BROAD AIR CONDITIONING CO., LTD**

Address:

**BROAD Town, Changsha, Hunan, P. R. China**

Test Report:

**No. IG-CE-2003-04, IG-CE-2003-05**

Pin Code:

**3361**

*On the basis of this certificate and according to the procedures established by European Directives 90/396/EEC GAD, the Manufacturer can proceed with the CE marking of the above mentioned products signing the declaration of conformity and affixing the following symbol*



Place and date of issue  
**Bellaria Igea Marina, 17 November 2003**

Chief Executive Officer  
Dott. Arch. Villiam Giorgetti

*Villiam Giorgetti*

*The validity of this certificate depend on the results of periodical inspection*

# CERTIFICATE



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50163391 0001

Report No.: 16010243 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification: EH 18 EH 25 EK 18 EK 25

Serial No.: n.a.

Remark : Refer to test report 16010243 003 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 31.08.2009



  
Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

## AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Control Number: 3018577

Authorized by: \_\_\_\_\_

William T. Starr, Certification Manager

This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement. They are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc  
165 Main Street, Corland, NY 13045  
Telephone 800-345-3851 or 607-753-8711 Fax 607-758-8899

**Applicant:** Broad Air Conditioning Co., Ltd.  
**Address:** Broad town, Changsha, Hunan, 410138, China  
**Country:** China  
**Contact:** Mr. Tan Yongqiang  
**Phone:** 0086-731-4086688  
**FAX:** 0086-731-4610087  
**Email:** tanyq@broad.net

**Manufacturer:** Broad Air Conditioning Co., Ltd.  
**Address:** Broad town, Changsha, Hunan, 410138, China  
**Country:** China  
**Contact:** Mr. Tan Yongqiang  
**Phone:** 0086-731-4086688  
**FAX:** 0086-731-4610087  
**Email:** tanyq@broad.net

**Party Authorized To Apply Mark:** Same as Manufacturer  
Intertek Testing Services Shanghai Limited

**Report Issuing Office:**

<b>Standard(s):</b>	Electrically Operated Valves - UL 429 5th Edition, dated March 23, 1999+Rev, dated May 9, 2006
<b>Product :</b>	Electric control valve
<b>Models:</b>	BVTx-y-16-H Series (x=20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300; y=2, 3), totally twenty-six models. Trade Name : BROAD

## AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Control Number: 3018577

Authorized by:

William T. Starr, Certification Manager

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Intertek Testing Services NA Inc.  
165 Main Street, Cortland, NY 13045  
Telephone 800-345-3651 or 607-753-6711 Fax 607-756-8899

<b>Applicant:</b>	Broad Air Conditioning	<b>Manufacturer:</b>	Broad Air Conditioning
<b>Address:</b>	Broad town, Changsha, Hunan, 410138, China	<b>Address:</b>	Broad town, Changsha, Hunan, 410138, China
<b>Country:</b>	China	<b>Country:</b>	China
<b>Contact:</b>	Mr. Tan Yongqiang	<b>Contact:</b>	Mr. Tan Yongqiang
<b>Phone:</b>	+86-731-4088688	<b>Phone:</b>	+86-731-4088688
<b>FAX:</b>	+86-731-4610087	<b>FAX:</b>	+86-731-4610087
<b>Email:</b>	tanyq@broad.net	<b>Email:</b>	tanyq@broad.net

**Party Authorized To Apply Mark:** Same as Manufacturer  
**Report Issuing Office:** Intertek Testing Services Shanghai Limited

**Standard(s):** UL 429 5th Edition, dated March 23, 1999+Rev, dated May 9, 2008  
**Product :** Electric control valve  
**Models:** BVTx-y-z-E-Ax series (x=150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000; y=2, 3; z=0.3; Ax=A1, A2), totally forty-four models with trade name BROAD.



## AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Control Number: 3018577

Authorized by: \_\_\_\_\_

William T. Starr, Certification Manager

This document supersedes all previous Authorizations to Mark for the noted Report Number.

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Intertek Testing Services NA Inc.  
185 Main Street, Cortland, NY 13045  
Telephone 800-345-3851 or 607-753-6711 Fax 607-756-8699

Applicant:	<u>Broad Air Conditioning</u>	Manufacturer:	<u>Broad Air Conditioning</u>
Address:	<u>Broad town, Changsha, 410138</u>	Address:	<u>Broad town, Changsha, 410138</u>
Country:	<u>China</u>	Country:	<u>China</u>
Contact:	<u>Mr. Tan Yongqiang</u>	Contact:	<u>Mr. Tan Yongqiang</u>
Phone:	<u>0086-731-4086688</u>	Phone:	<u>0086-731-4086688</u>
FAX:	<u>0086-731-4610087</u>	FAX:	<u>0086-731-4610087</u>
Email:	_____	Email:	_____

Party Authorized To Apply Mark: Same as Manufacturer  
Report Issuing Office: Intertek Testing Services (SH) Ltd.

Standard(s):	Electrostatic Air Cleaners (UL 867, 4th Edition, rev. Dec. 21, 2007) and Electrostatic Air Cleaners (CSA-C22.2 No.187-M1986, reaffirmed 2003).
Product :	Air purifiers
Models:	Models of TA2000, TA1000, TB800, TA400, TB400, TA240, TB240, TA100, TB100

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50106653 0001

Report No.: 15020922 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Electric Drive  
(Electric Valve Actuator)

Identification: Type Designation: BA25-60 BA25-300 BA40-60 BA60-600  
BA60-60 BA60-300 BA120-300

Serial No.: Engineering samples

Remark: Refer to test report 15020922 001 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.



Certification Body

Huayu Li

KÖLN, 30.07.2007

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50164336 0001

Report No.: 16005146 002

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Solenoid Valve  
(Electrically Operated Water Valve)

Identification: BVx-2-16-H  
(Variable x = 20, 25, 32, 40, 50)

Serial No.: n.a.

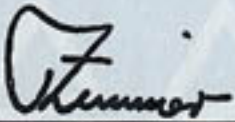
Remark : Refer to test report 16005146 002 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 10.09.2009



  
Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE





RDW

Vehicle Technology Division

THE NETHERLANDS  
(N E D E R L A N D)



COMMUNICATION

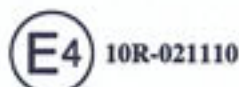
Concerning: - APPROVAL GRANTED  
- APPROVAL EXTENDED  
- APPROVAL REFUSED  
- APPROVAL WITHDRAWN  
- PRODUCTION DEFINITELY DISCONTINUED

of a type of electrical / electronic sub-assembly with regard to Regulation No. 10.

Approval number: E4-10R-021110

Extension number: 00

Approval mark:



Reason for extension	:	not applicable
1. Make (trade name of manufacturer)	:	Broad
2. Type	:	TA100
Version(s)	:	Version 1: TA100; Version 2: TB100
General commercial description(s)	:	Air Purifier
3. Means of identification of type, if marked on the vehicle/ component / separate technical unit	:	See point 3.1
3.1. Location of that marking	:	Label affixed to the upper side of the housing
4. Category of vehicle	:	Not applicable
5. Name and address of manufacturer	:	Broad Air Conditioning Co. Ltd Broad Town, Changsha, Hunan, 410138, P.R. China
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark	:	Label affixed to the upper side of the housing
7. Name and address(es) of assembly plant(s)	:	Broad Air Conditioning Co. Ltd Broad Town, Changsha, Hunan, 410138, P.R. China

P.O. Box 777  
2700 AT Zoetermeer  
The Netherlands

Tel. +31 (0)79 345 81 43  
Fax +31 (0)79 345 80 33

Vehicle Approval and Information

**C E R T I F I C A T E**  
of Conformity

**EC Council Directive 2004/108/EC**  
**Electromagnetic Compatibility**



**Registration No.:** AE 50135621 0001

**Report No.:** 16012064 001

**Holder:** Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:** Air Conditioner  
(Fan Coils)

**Identification:** Type Designation: Ax n  
Variable x = A, B, C, ..., N, O; n = 1.8, 2.7, 3.6  
Serial No.: n.a.  
Remark : Refer to test report 16012064 001 for a detailed  
listing of the variables x, n.

**Tested acc. to:** EN 61000-6-1:2007  
EN 61000-6-3:2007

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 22.08.2008



Certification Body

Dipl.-Ing. (FH) T. Zimmer

**TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln**

Ⓒ The CE marking may only be used if all relevant and effective EC Directives are complied with. Ⓒ

# CERTIFICATE of Conformity

EC Council Directive 2004/108/EC  
Electromagnetic Compatibility

Registration No.: AE 50136079 0001

Report No.: 16012064 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification: DB 3.6 DB 4.5 DB 5.4 DB 7.2 DB 9 DB 12 DC 3.6  
DC 4.5 DC 5.4 DC 7.2 DC 9 DC 12 DD 3.6 DD 4.5  
DD 5.4 DD 7.2 DD 9 DD 12 DQ 3.6 DQ 5.4 DQ 9  
DQ 12 DR 3.6 DR 5.4 DR 9 DR 12 DS 3.6 DS 5.4  
DS 9 DS 12 DE 7.2 DE 12 DF7.2 DF12  
Serial No.: n.a.  
Remark : Refer to test report 16012064 001 for details.

Tested acc. to: EN 61000-6-1:2007  
EN 61000-6-3:2007

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 22.08.2008



Certification Body



Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH Am Grauen Stein - D-51105 Köln

**C E R T I F I C A T E**  
of Conformity

**EC Council Directive 2004/108/EC**  
**Electromagnetic Compatibility**



**Registration No.:** AE 50136080 0001

**Report No.:** 16012064 001

**Holder:** Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:** Air Conditioner  
(Fan Coils)

**Identification:**

CC 9	CD 4.5	CD 9	CE 3.6	DP 3.6	DP 5.4
AP 1.8	AP 2.7	AP 3.6	AR 1.8	AR 2.7	AR 3.6
AQ 1.8	AQ 2.7	AQ 3.6	AS 1.8	AS 2.7	AS 3.6
CA 5.4					

Serial No.: n.a.

Remark : Refer to test report 16012064 001 for details.

**Tested acc. to:** EN 61000-6-1:2007  
EN 61000-6-3:2007

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.



Certification Body

Dipl.-Ing. (FH) T. Zimmer

Cologne, 22.08.2008

**TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln**

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE



**C E R T I F I C A T E**  
of Conformity

**EC Council Directive 2004/108/EC**  
**Electromagnetic Compatibility**



**Registration No.:** AE 50136083 0001

**Report No.:** 16012064 001

**Holder:** Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

**Product:** Air Conditioner  
(Fan Coils)

**Identification:**

DG 2.7	DG 3.6	DG 4.5	DG 5.4	DG 7.2	DG 9	DG 12
DH 2.7	DH 3.6	DH 4.5	DH 5.4	DH 7.2	DH 9	DH 12
DI 2.7	DI 3.6	DI 4.5	DI 5.4	DI 7.2	DI 9	DI 12
DJ 5.4	DJ 9	DJ 12	DM 3.6	DM 12		

Serial No.: n.a.

Remark : Refer to test report 16012064 001 for details.

**Tested acc. to:** EN 61000-6-1:2007  
EN 61000-6-3:2007

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.



Cologne, 22.08.2008

Certification Body

Dipl.-Ing. (FH) T. Zimmer

**TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln**

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

**C E R T I F I C A T E**  
of Conformity  
EC Council Directive 2004/108/EC  
Electromagnetic Compatibility

Registration No.: AE 50163771 0001

Report No.: 16006307 003

Holder: **Broad Air Conditioning Co., Ltd.**  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Valve  
(Motor Valve)

Identification: BVbH3xy  
variable b = 70, 80, 100, 125, 150, 200, 250, 300, 350, 400,  
450, 500  
variable x = W, Z variable y = 16, 25, 40  
Serial No. : n.a.  
Remark : Refer to test report 16006307 003 for details.

Tested acc. to: EN 61000-6-3:2007  
EN 61000-6-1:2007  
EN 61000-3-2:2006  
EN 61000-3-3:1995+A1+A2

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 03.09.2009



Dipl.-Ing. (FH) T. Zimmer

**TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln**

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**C E R T I F I C A T E**  
of Conformity  
EC Council Directive 2004/108/EC  
Electromagnetic Compatibility

Registration No.: AE 50163770 0001

Report No.: 16006307 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Valve  
(Motor Valve)

Identification: BVcE3x BVcE3x01  
variable c = 150, 200, 250, 300, 400, 500, 600, 700,  
800, 900, 1000  
variable x = W, Z  
Serial No. : n.a.  
Remark : Refer to test report 16006307 003 for details.

Tested acc. to: EN 61000-6-3:2007  
EN 61000-6-1:2007  
EN 61000-3-2:2006  
EN 61000-3-3:1995+A1+A2

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 03.09.2009



Certification Body



Dipl.-Ing. (FH) T. Zimmer

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**C E R T I F I C A T E**  
of Conformity  
EC Council Directive 2004/108/EC  
Electromagnetic Compatibility

Registration No.: AE 50163774 0001

Report No.: 16006307 003

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Valve  
(Motor Valve)

Identification: BVaH2xy  
variable a = 20, 25, 32, 40, 50, 70, 80, 100, 125, 150, 200,  
250, 300, 350, 400, 450, 500  
variable x = W, Z variable y = 16, 25, 40  
Serial No. : n.a.  
Remark : Refer to test report 16006307 003 for details.

Tested acc. to: EN 61000-6-3:2007  
EN 61000-6-1:2007  
EN 61000-3-2:2006  
EN 61000-3-3:1995+A1+A2

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 03.09.2009



Certification Body



Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

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**C E R T I F I C A T E**  
of Conformity

EC Council Directive 2004/108/EC  
Electromagnetic Compatibility



Registration No.: AE 50136084 0001

Report No.: 16012064 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification: DN 4.5 DN 7.2 DO 4.5 DO 7.2 DK 4.5 DK 5.4  
DK 12 DL 2.7 DL 4.5 DL 5.4 DL 12

Serial No.: n.a.

Remark : Refer to test report 16012064 001 for details.

Tested acc. to: EN 61000-6-1:2007  
EN 61000-6-3:2007

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 22.08.2008



Certification Body

Dipl.-Ing. (FH) T. Zimmer

TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

**C E R T I F I C A T E**  
of Conformity

EC Council Directive 2004/108/EC  
Electromagnetic Compatibility



Registration No.: AE 50136086 0001

Report No.: 16012064 001

Holder: Broad Air Conditioning Co., Ltd.  
Broad Town  
Changsha, Hunan 410138  
P.R. China

Product: Air Conditioner  
(Fan Coils)

Identification: EH 18 EH 25 EK 18 EK 25

Serial No.: n.a.

Remark : Refer to test report 16012064 001 for details.

Tested acc. to: EN 61000-6-1:2007  
EN 61000-6-3:2007

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Cologne, 22.08.2008



Certification Body

Dipl.-Ing. (FH) T. Zimmer

**TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln**

**CE** The CE marking may only be used if all relevant and effective EC Directives are complied with. **CE**

## AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

<b>Applicant:</b> Broad Air Conditioning <b>Address:</b> Broad town, Changsha, 410138, China <b>Country:</b> China <b>Contact:</b> Mr. Tan Yongqiang <b>Phone:</b> 0086-731-84086688 <b>FAX:</b> 0086-731-84610087 <b>Email:</b> tanyq@broad.net	<b>Manufacturer:</b> Broad Air Conditioning <b>Address:</b> Broad town, Changsha, 410138, China <b>Country:</b> China <b>Contact:</b> Mr. Tan Yongqiang <b>Phone:</b> 0086-731-84086688 <b>FAX:</b> 0086-731-84610087 <b>Email:</b> tanyq@broad.net
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**Party Authorized To Apply Mark:** Same as Manufacturer  
**Report Issuing Office:** Intertek Testing Services Shanghai Limited

**Control Number:** 3018577

**Authorized by:** \_\_\_\_\_

  
 William T. Starr, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.  
 165 Main Street, Cortland, NY 13045  
 Telephone 800-345-3851 or 607-753-6711 Fax 607-756-6699

<b>Standard(s):</b>	Heating and Cooling Equipment - UL 1995, 3rd Edition, Feb. 18, 2005 & CSA C22.2 No. 236-05, 3rd Edition, 2005
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<b>Product:</b>	Fan Coil
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<b>Brand Name:</b>	BROAD
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<b>Models:</b>	AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, DB, DC, DD, DE, DF, DQ, DR, DS
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