

HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT — PART I & FOOD SAFETY EQUIPMENT — PART II DIRECTORIES 2012

This Directory contains all Listings and Classifications in effect as of August 8, 2012 for product categories covered.

UL Online Certifications Directory Listings and Classifications are updated daily. To confirm the current status of any UL record, consult UL's Online Certifications Directory at www.ul.com/database

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HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT — PART I

FOOD SAFETY EQUIPMENT — PART II DIRECTORIES

Table of Contents

Introduction

Installation and Use of Products Bearing the UL Mark	v
Use of this Directory	v
Look for the UL Mark	
Identification of UL Listed and Classified Products	vi
Identification of UL Listed Products	vii
Identification of UL Listed Gas-Fired Products	vii
Identification of UL Listed Environmental and Public Health (EPH) Products	viii
Identification of UL Classified Products	viii
Identification of UL Classified Environmental and Public Health (EPH) Products	viii
Identification of UL Listed Products that are Also Classified in Accordance with International or Regional Standards	ix
Identification of Products Classified in Accordance with International or Regional Standards Only	ix
Products Listed by Report	ix
Specifying UL Listed and Classified Products	ix

Directory of Product Categories and Names of Companies Qualified to Use the UL Mark

Heating, Cooling, Ventilating and Cooking Equipment (AAHC)	1
Air Conditioning Equipment (AAYZ)	3
Air Conditioning Systems (AIXZ)	25
Air Ducts and Air Connectors (ALJX)	59
Chimneys, Fireplaces, Vents and Solid-fuel-burning Appliances (DCBR)	71
Control Dampers (EIMZ)	115
Cookers, Pressure (EJMV)	116
Dampers for Fire Barrier and Smoke Applications (EMME)	118
Decorative Gas-fired Appliances (EOHS)	185
Door Panel Assemblies (FDIT)	189
Earthquake-actuated Equipment (FFPC)	191
Earthquake-actuated Shutoff Systems (FFPH)	191
Extinguishers and Extinguishing System Units (FWFZ)	192



Documents

Document Sharing Hub

Fans, Electric (GPWV)	196
Fuel Cell Equipment (IRGN)	206
Fusible Links (JGIX)	208
Gasket and Seal Materials (JMEV)	209
Heaters and Heating Equipment (KKBV)	210
Heating Appliances (KTCR)	305
Heating and Cooling Equipment (LZFE)	378
Heating, Cooling and Ventilating Equipment (LZLZ)	468
Heating and Heating-Cooling Appliance Accessories (LZZX)	470
Illuminating Appliances, Gas Fired, Indoor/Outdoor (NCOG)	507
Incinerators (NCQZ)	508
Laundry Equipment Accessories Classified for Use in Specified Equipment (OOWK)	509
Plumbing Products (QNJA)	510
Steam Sterilizers, Pressure (QUXH)	511
Refrigeration Equipment (SCER)	511
Solar Energy Systems Equipment (UZST)	575
Ventilating Equipment for Commercial Cooking Appliances (YXLT)	576
Ventilators, Power (ZACT)	591

Part II

Food Safety and Quality, Products and Equipment

Introduction

Installation and Use of Products Bearing the UL Mark	595
Use of this Directory	595
On-Line Food Safety Services Information	596
Facility Plan Reviews – Perspective	596
Infrared Thermometers – Use and Care Guidelines	597
Identification of UL Listed Environmental and Public Health (EPH) Products	598
Identification of UL Classified Products	599
Identification of UL Classified Environmental and Public Health (EPH) Products	599
Identification of UL Recognized Components	600

Directory of Product Categories and Names of Companies Qualified to Use the UL Mark

Food Safety and Quality, Products and Equipment (AAFS)	603
Commercial Powered Food Preparation Equipment, Sanitation (DUIA)	604
Mobile Food Carts, Sanitation (IPMW)	605
Food Equipment Materials (IQDY2)	606
Lead Content Verification of Products in Contact with Potable Water (QNVB)	608
Sanitation, Food Service Equipment (TSQS)	610
Special-purpose Food Equipment and Devices, Sanitation (VCZU)	664

Indexes:

LIST OF COMPANY IDENTIFICATIONS

INDEX OF COMPANIES	676
INDEX OF PRODUCT CATEGORIES	701

OVERVIEW OF THE UL FAMILY OF COMPANIES, THE UL MARK AND CONFORMITY ASSESSMENT SERVICES

UL Marks	705
Conformity Assessment Services	705
Listing Service	705
Classification Service	706
Component Recognition Service	706
Multiple Product Category Investigation	707
Certificate Service	707
Multiple Listing, Recognition or Classification Service	707
Other UL Services	708
Field Engineering Services	708
Field Evaluation Service	708
Field Inspection Service	708
Electromagnetic Compatibility Testing	709
<i>The International “emc-Mark”</i>	709
Performance Testing	709
<i>LAN Cable Performance Testing</i>	709
<i>Energy Verification Service</i>	709
<i>Other Performance Testing</i>	709
International Certification	710
Specialized Services	710
Customer Service Professionals (CSPs)	710
Regulatory Services	710
Local Engineering Services	711
Fact-Finding Investigations	711
Research Services	711
Verification Services Testing and Auditing	711
UL Information Services	712
UL’s Technical Information Services	712
Product Directory CDs	712
UL’s Website	712
Helping Clients Promote Their UL Certification in Advertising Materials	712
UL Standards for Safety	713
<i>Standards and Standards-on-Diskette Subscription Services</i>	713
<i>UL Standards Publications</i>	713
<i>UL StandardsInfoNet</i>	713
UL Knowledge Services	713
Regulatory Services Staff	716

Introduction

This Directory contains the names of companies authorized to use the UL Mark on or in connection with products that have been investigated by UL and found to be in compliance with UL's requirements. These companies, as well as the manufacturers and submitters of the products, have entered into an Agreement with UL to use the UL Mark only on or in connection with products manufactured in compliance with UL's requirements. It should be noted that UL certified products of different makes or model designations are not necessarily equivalent in quality or performance.

The appearance of catalog or model numbers or other specific product designations in this Directory signifies that: (1) representative samples of these products have been submitted to UL and found to comply with the applicable requirements, and that (2) the manufacturer has been authorized to use the appropriate UL Mark on production that continues to comply with UL's requirements and is subject to UL's Follow-Up Service. Since manufacturers are not obligated to apply the UL Mark on all of their production, products that do not bear the UL Mark are not required by UL to comply with UL's requirements. Accordingly, the appearance of a company's name or a specific product designation in this Directory does **not** in itself ensure that products so specified or identified are subject to UL's Follow-Up Service. The manufacturer's products are not subject to UL's Follow-Up Service unless they bear the UL Mark. **Only those products bearing the appropriate UL Mark and the company's name, trade name, trademark or other authorized identification should be considered as being covered by UL's Listing or Classification and Follow-Up Service. The UL Mark provides evidence of listing or labeling, which may be required by installation codes or standards.**

Many of the products bearing the UL Mark incorporate components that bear the UL Recognized Component Mark . The Recognized Component Mark is applicable to components that are incomplete in construction features or limited in performance capabilities. **The Recognized Component Mark does not provide evidence of listing or labeling, which may be required by installation codes or standards.**

This Directory contains Listings and Classifications in effect as of August 8, 2012. Records of Listings and Classifications issued or withdrawn after this date will be found in UL's Listing Information database. In addition, Listings and Classifications issued after the effective date will be found in UL's Online Certifications Directory at www.ul.com/database and will appear in the next annual Directory.

Note: At the back of this Directory is important information about UL services for manufacturers and other clients, Authorities Having Jurisdiction, and consumers.

Installation and Use of Products Bearing the UL Mark

Authorities Having Jurisdiction should be consulted as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, systems, devices and materials.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

Use of this Directory

This Directory includes the following:

- General Guide Information for each product category that includes references to the requirements used for the investigation of the products and the UL Mark to be used on the product;
- Information relating to limitations or special conditions applying to the product;
- Names of companies that are authorized to provide products bearing the UL Mark.

The companies whose names appear in this Directory may not be the manufacturer of the product, but are qualified to provide products that bear the UL Mark.

UL Listings and Classifications are arranged alphabetically in this Directory by product category and alphabetically by company name under each category. The four-letter code (shown in parentheses) following each category title is the product category guide designation.

Under individual product categories, each company is assigned an alphanumeric file number (starting with letters such as AU, BP, E, EX, MH, MP, MQ, R, S or SA). This number may not be required to be marked on the product. The file number can be used to identify a particular company and the associated product category.

To assist in the use of the Directory, an Index of Product Categories, an Index of Companies and a List of Company Identifications are provided (see Table of Contents). The List of Company Identifications contains the trade names or trademarks of companies that have chosen to use such identification in place of or in addition to their company name.

UL's General Guide Information at the beginning of each product category provides important information regarding the scope and limitation of UL's certification of the product and a general description of the UL Marks authorized for products in that category.

This information may include the identification of published standards that have been used to investigate products in that category. There may not be a published standard against which a product can be tested and evaluated to determine its acceptability for the UL Mark. If no applicable standard is available, UL will exercise its judgment in the selection of applicable requirements from standards and other sources and will develop requirements to cover uses and conditions for which specific requirements did not previously exist.

The scope of each UL Standard for Safety and Outline of Investigation can be accessed at <http://ulstandardsinfo.net.ul.com>.

The information in the individual Listing or Classification varies from category to category depending on the needs of the users of the Directory. Certain Listings or Classifications contain specific model or catalog designations, others contain general types of products, and others include the company name only.

For some product categories, UL's Online Certifications Directory may include additional product information that does not appear in this Directory. To obtain additional information for a particular Listing or Classification or information on UL Listed and Classified products and Recognized Components, contact the Customer Experience Center by telephone: +1.877.UL.HELPS (1.877.854.3577) or e-mail at cec.us@us.ul.com.

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Look for the UL Mark Identification of UL Listed and Classified Products

The symbol  and the name "Underwriters Laboratories Inc." in various forms and abbreviations are registered with the U.S. Patent and Trademark Office, and in numerous other countries. Subject to the terms of UL's Follow-Up Service Agreement, companies are permitted to use the symbol  or other specified forms of UL's name as part of the UL Mark on products that are Listed or Classified and that comply with UL's requirements.

The product name as indicated in the General Guide Information for each product category is generally included as part of the UL Mark, but may be omitted when, in UL's opinion, the use of the name is unnecessary and the UL Mark is directly and permanently applied to the product by stamping, molding, ink-stamping, silk screening or similar processes.

A separable UL Mark (not part of a nameplate and in the form of decals, stickers or labels) will always include the following four elements: UL's symbol , the word "LISTED" or "CLASSIFIED," the product or category name, and a control number assigned by UL.

The complete UL Mark will appear on the product unless otherwise indicated in the General Guide Information for a specific product category.

When a UL Listed product is of such a size, shape, material or surface texture that, in UL's opinion, it is impossible to apply legibly the complete marking to the product, the complete UL Listing Mark will appear on the smallest unit container in which the product is packaged. In these cases UL may authorize the use of the UL symbol  on the product in addition to the complete UL Mark on the package.

When a UL Classified product is of such a size, shape, material or surface texture that, in UL's opinion, it is impossible to apply legibly the complete marking to the product, the complete UL Classification Mark will appear on the smallest unit container in which the product is packaged. In these cases there shall be no reference to UL on the product.

Refer to the General Guide Information for each product category for additional information on the specific UL Mark for the products in the category.

Identification of UL Listed Products

The UL Listing Mark generally includes the UL symbol or it may include other registered forms as authorized by UL. The UL Listing Mark includes: (1) the UL symbol shown below; (2) the word "LISTED" ; (3) the product identity; and (4) a control number assigned by UL.



Identification of UL Listed Gas-Fired Products

The UL Listing Mark for gas-fired products certified to UL Standards includes: (1) the UL symbol with the words "GAS-FIRED" above the UL symbol as shown below; (2) the word "LISTED" below the UL symbol; (3) the product identity; and (4) a control number assigned by UL.

GAS-FIRED



LISTED

The UL Listing Mark for gas-fired products certified to ANSI Z21 or Z83 Series Standards includes: (1) the UL symbol with the words "GAS-FIRED" above the UL symbol as shown below; (2) the word "LISTED" below the UL symbol; (3) the ANSI/CSA or ANSI/CGA Standard designation; and (4) a control number assigned by UL.

GAS-FIRED



LISTED

[identification of standard]

Identification of UL Listed Environmental and Public Health (EPH) Products

The UL Listing Mark for Environmental and Public Health (EPH) products certified to UL Standards includes: (1) the UL symbol with the letters EPH inside a triangular background as shown below; (2) the word “LISTED” below the UL symbol; (3) the product identity; and (4) a control number assigned by UL.



The UL Listing Mark for Environmental and Public Health (EPH) products certified to standards of other organizations for foreseeable hazards includes: (1) the UL symbol with the letters EPH inside a triangular background as shown below; (2) the word “LISTED” below the UL symbol; (3) the product identity; (4) the standard designation; and (5) a control number assigned by UL.



[identification of standard]

Identification of UL Classified Products

The UL Classification Mark may appear in various forms as authorized by UL. The UL Classification Mark includes: (1) the UL symbol; (2) the word “CLASSIFIED” above the UL symbol; (3) the product identity; (4) a control number assigned by UL; and (5) indication of the extent of UL’s evaluation of the product, e.g. “AS TO [nature of hazard] ONLY” ; rating or classification as specified in the General Guide Information pertaining to the product category; “IN ACCORDANCE WITH [designation and title of standard published by other organization]” ; or “FOR USE WITH [identification of specified product].” A typical Classification Mark is shown below:



AS TO [nature of hazard] ONLY
or
IN ACCORDANCE WITH
[identification of standard]

Identification of UL Classified Environmental and Public Health (EPH) Products

The UL Classification Mark for Environmental and Public Health (EPH) products certified to standards of other organizations for EPH evaluations only includes: (1) the UL symbol with the letters EPH inside a triangular background, as shown below; (2) the word “CLASSIFIED” above the UL symbol; (3) the product identity; (4) the standard designation; and (5) a control number assigned by UL.



[identification of standard]

Additional information regarding the UL Marks for Environmental and Public Health (EPH) can be found at the back of this directory under **Other UL Services** and online at www.ul.com/eph.

Identification of UL Listed Products that are Also Classified in Accordance with International or Regional Standards

The UL Listing Mark and Classification Mark shown above can be combined for products that not only meet the applicable UL requirements but also comply with the requirements of the applicable international or regional standards. For these products the combination UL Listing and Classification Mark is shown below:



**ALSO CLASSIFIED
IN ACCORDANCE WITH
[identification of standard]**

Identification of Products Classified in Accordance with International or Regional Standards Only

UL provides a service for the Classification of products that have been determined to comply with the appropriate requirements of the applicable international or regional standards only. For these products, the Classification Mark may appear in various forms as authorized by UL. A typical form which may be authorized is shown below. When the complete Classification Mark cannot be applied to the product, no reference to UL on the product is permitted.



**[product identity]
IN ACCORDANCE WITH
[identification of standard]**

Products Listed by Report

Certain products are Listed under a special service designated as "Listed by Report." These are usually products or constructions for which there are no generally recognized installation requirements. The description of this type of product or construction and information concerning proper field assembly and/or installation are contained in a Report identified by the reference and date shown by the Listing. Products Listed by Report are eligible to bear a UL Mark, which includes a reference to the Report number and date. Copies of the Report may be obtained upon application to the company whose product is Listed.

Specifying UL Listed and Classified Products

Specifying UL Listed and Classified products up front is one of the best methods used by designers, consultants, insurers and others to help gain jurisdictional acceptance. A typical specification reads: "The [product] must bear the UL Mark." Or, if the specification cannot be that precise, an alternate wording would read: "The [product] must meet the requirements of UL. The UL Mark on the product will be accepted as evidence of compliance."

Products, equipment and materials evaluated by UL in accordance with international or regional standards only are intended for installation and use where the specified standards have been adopted.

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2012

PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

Heating, Cooling, Ventilating and Cooking Equipment (AAHC)

GENERAL

This equipment is intended for heating, cooling, refrigerating, ventilating and cooking, and uses various energy sources including electricity, gas, petroleum-base liquid, solid fuel or solar energy.

Fuel-fired equipment is intended for use only with the fuels described in the general Guide Information for each product category and individual Listings. This equipment has been investigated for use as described in the instructions and markings provided with the equipment. The use of the equipment with other fuels, and in conditions other than described in the instructions, markings and the general Guide Information for the applicable product category, has not been investigated by UL.

INVESTIGATION REQUIREMENTS AND STANDARDS

The scope of product sizes and ratings appearing in the general Guide Information for some product categories is intended to indicate the current range of Listed products, however, it is not necessarily indicative of limitations for those Listed products.

The standards used to investigate products are identified in the general Guide Information for each product category. There may not always be a published standard for investigating a product to determine its acceptability for Listing or Classification. If no applicable standard is available, UL will exercise its judgment in the selection of applicable requirements from related standards and other sources to develop the requirements to cover uses and conditions for which specific requirements did not previously exist.

Products, equipment and construction materials certified by UL in accordance with international or regional standards only (e.g., products Classified to an IEC or ISO Standard) are intended for distribution, installation and use in areas of the world where the specified standards have been adopted and are in effect as national or regional standards.

INSTALLATION REQUIREMENTS

The limitations for the equipment as specified in the general Guide Information for each product category such as voltage and temperature limits, markings, special descriptions and installation provisions need to be noted prior to installation and use.

Equipment has been investigated with reference to risks to life and property and for potential conformity to the installation and use provisions of the applicable installation codes and standards of the National Fire Protection Association (NFPA), and applicable model codes identified in the general Guide Information for each product category.

In addition, certain products have been investigated with reference to environmental and public health effects and for potential conformity to the installation and use provisions of applicable environmental and public health requirements, if so indicated in the general Guide Information for each product category.

Some products are certified for uses not within the scope of nationally recognized installation codes and standards. Such products are investigated for the specifications or use conditions indicated in the general Guide Information for each product category.

These products are intended for installation subject to approval by the Authority Having Jurisdiction. Authorities Having Jurisdiction should be consulted before installation.

INSTRUCTIONS AND PRODUCT MARKINGS

These products are intended to be installed in accordance with the installation instructions provided with the product. It is critical that the cautionary statements and installation and operating instructions on the product and in accompanying literature be followed.



Documents

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FIELD MODIFICATIONS

The UL Mark applies to the product as it is originally manufactured when shipped from the factory. Authorized use of the UL Mark is the manufacturer's declaration that the product was originally manufactured in accordance with the applicable requirements. UL does not know what the effect of a modification may have on the safety of the product or the continued validity of the UL certification mark unless the field modifications have been specifically investigated by UL. Unless UL investigates a modified product, UL cannot indicate that the product continues to meet UL's safety requirements.

The only exception for a field modification authorized by UL is when the product has specific replacement markings. For example, a switchboard may have specific grounding kits added in the field. The switchboard is marked with a list of specific kit numbers that have been investigated for use in that particular switchboard. Only grounding kits that are included on the product have been investigated for use in that product.

INDOOR AND OUTDOOR USE

Unless outdoor use is specifically indicated in the general Guide Information for the product category or included in the individual Listings of the product, individual appliances have been investigated only for use indoors, unless the product, by its inherent nature, is obviously intended for use outdoors.

ELECTRICAL INSTALLATIONS

General — The ampere or wattage marking on electrical power-consuming equipment is valid only when the equipment is supplied at its marked rated voltage. In general, the current input to electric heating appliances or resistance heating equipment will increase in direct proportion to an increase in the supply voltage, while the current input to an induction motor supplying a constant load will increase approximately in direct proportion to a decrease in the supply voltage. These increases in current can cause overcurrent protection devices to open even when these devices are properly selected on the basis of nameplate ratings.

Supply Conductors — Except as noted in the general Guide Information for some product categories, most terminals are for use only with copper wire unless marked otherwise. If aluminum or copper-clad aluminum wire can be used, marking to indicate this fact is provided. Such marking is required to be independent of any marking on terminal connectors, such as on a wiring diagram or other visible location. The marking may be in an abbreviated form, such as "AL-CU."

Except as noted below or in the general Guide Information for certain product categories, the electrical termination provisions on equipment are based on the use of 60°C insulated conductors in circuits rated 100 A or less and the use of 75°C insulated conductors in higher rated circuits.

If the electrical termination provisions on equipment are based on the use of other conductors, the equipment is either marked with both the size and temperature rating of the conductors to be used or with only the temperature rating of the conductors to be used. If the equipment is only marked for use with conductors having a higher (75 or 90°C) temperature rating (wire size not specified), the 60°C ampacities (for circuits rated 100 A or less) and 75°C ampacities (for circuits rated over 100 A) specified in Table 310.16 of ANSI/NFPA 70, "National Electrical Code" (NEC), should be used to determine wire size. Conductors having a temperature rating higher than specified may be used, though not required, if the size of the conductors is determined on the basis of the 60°C ampacity (circuits rated 100 A or less) or 75°C ampacity (circuits rated over 100 A).

Copper-clad aluminum conductors are subject to the ampacity requirements applicable to aluminum conductors.

Terminations — Copper pigtail leads may be used with aluminum or copper-clad aluminum supply wires in dry locations if 1) the splicing devices are Listed for use in joining copper to aluminum, 2) there is sufficient wiring space, and 3) the means provided for connecting the wiring system are acceptable for the wire size used.

Supply terminals of 15 A and 20 A switches and receptacles not marked "CO/ALR" are for use with copper and copper-clad aluminum conductors only. Terminals marked "CO/ALR" are for use with aluminum, copper and copper-clad aluminum conductors.

Screwless pressure terminal connectors of the conductor push-in type are for use only with copper and copper-clad aluminum conductors, both solid and stranded unless otherwise limited by marking.

Terminals of switches and receptacles rated 30 A and above not marked "AL/CU" are for use with copper conductors only. Terminals of switches rated 30 A and above marked "AL/CU" are for use with aluminum, copper and copper-clad aluminum conductors.

Combination of dissimilar conductors in terminal or splicing connectors is acceptable only in dry locations and when the connectors are identified as suitable for such intermixing.

Hazardous Locations — Electrical equipment and appliances are not intended for use in hazardous (classified) locations, as defined in the NEC, unless specifically identified as suitable for use in hazardous locations.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

AIR CONDITIONING EQUIPMENT (AAYZ)

ACCESSORIES, AIR CONDITIONING EQUIPMENT (ABFY)

GENERAL

This category covers accessories intended for installation only on certified equipment as designated in the individual certifications of the equipment and accessory. These accessories are intended primarily for field installation, but may be factory installed.

The equipment on which an accessory covered under this category may be field installed is marked to indicate that it is certified for use with the specific accessory as designated by model, catalog number, part number, etc. in this category. Markings on the equipment also indicate any changes in the equipment ratings with the accessory installed.

Information concerning field wiring connections, mounting location, installation clearances, etc., are marked on the accessory, and/or in detailed installation instructions accompanying each accessory. For permanently connected equipment, the wiring termination provisions are based on tests during product investigation, and Table 310.16 of ANSI/NFPA 70, "National Electrical Code," as follows:

1. 75°C insulated conductors at the 75°C ampacities.
2. 90°C insulated conductors at the 75°C ampacities, in which case the equipment is marked for 90°C conductors.
3. Insulation temperature rating of 75 or 90°C and wire size as marked on the unit.

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 1995, "Heating and Cooling Equipment."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Air Conditioning Equipment Accessory."

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

ALLIED AIR ENTERPRISES INC

SA11615

215 METROPOLITAN DR, WEST COLUMBIA SC 29170

Electric heater accessories, Models*a 991553, 991554, 991560, 991587, 991588, 991555, 991556, 991577, 991578, 991579, 991580, 991561, 991589, 991590, 991557, 991558, 991581, 991582, 991583, 991584, 991562, 991591, 991592, 991559, 991585, 991586, 991593, 991594, 991595, 991596, 991861 may be suffixed by two additional digits.

Electric heat accessories, Models*b,c AHEFN05A-1, AHEFN07A-1, AHEFN10A-1, AHEFC12A-1, AHEFC15A-1, AHEFC20A-1, AHEFC25A-1, AHEFC30A-1.

Model*b AHEF#09B-1, AHEF#15B-1, AHEFC20B-1, AHEFC22B-1, AHEFC30B-1.

Models*d 0655009-01, 0655009-02, 0655009-03, 0655009-04, 0655009-05, 0655009-06, 0655009-07, 0655009-08, 0655009-09, 0655009-11, 0655009-25.

Hot water heat accessories, Models*a 991565, 991566, 991567, 991568, 991569, 991570, 991571, 991572, 991573, 991574, 991575, 991576, 991599, 991600, 991601, 991602, 991603, 991604, 991605, 991606, 991607, 991608, 991609, 991610.

*a May be factory or field installed in the Manufacturers Listed heating and Cooling Equipment, Fan Coil Unit Model Series BA and BS.

*b May be factory or field installed in the Manufacturers Listed Heating and Cooling Equipment, Electric Central Heating Furnace Models EFC08SA, -12SA, -14MA, -16MA, -20LA.

*c May be factory or field installed in the Manufacturers Listed Heating and Cooling Equipment, Electric Central Heating Furnace Model EFV08SA.

*d May be factory or field installed in the Manufacturers Listed heating and Cooling Equipment, Fan Coil Unit Model Series RC and RS.

#-May be C or N.

APPLIED COMFORT PRODUCTS INC

SA32901

1210 BALMORAL RD, CAMBRIDGE, ON I1T 1A5 CANADA

Hydronic heating coil accessories, Models*a RAVHW1, RAVHW2, RAVHW3.

*a May be for factory- or field-installed on Sharp Electronic Corp., (SA12534), Listed Heating and Cooling Equipment, Series AZ75W.

FRIEDRICH AIR CONDITIONING CO

SA13016

SUITE 500 10001 REUNION PL, SAN ANTONIO TX 78216

Subbase kits, PXSB, PXPC15, PXPC20, PXPC30.

Disconnect switch kit, PXDS.

Conduit kit, PXCI.

Desk control kit, PXDC.

Standard louver, PXGA.

Architectural louvers, PXAA, PXDB, PXSC.

Wall sleeve, PXWS.

Wall thermostat, Model RT2.

May be factory or field installed in the Manufacturers Listed heating and Cooling Equipment, Packaged Terminal Air Conditioning Model Series PTAC and PTHP.

2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

4

AIR CONDITIONING EQUIPMENT (AAYZ)

Accessories, Air Conditioning Equipment (ABFY)–Continued

TRANE U S INC **SA6944**
3600 PAMMEL CREEK RD, LA CROSSE WI 54601
Remote display panel, Part No. X13650359 .
Sequence control panel assembly*a, Part No. CVMA003NAA followed by 0 or A.
*aFor use with the The Trane Company's air conditioning liquid chillers.

UNITED TECHNOLOGIES ELECTRONIC CONTROLS INC **SA7240**
3650 W 200 N RIVERFORK DR E, HUNTINGTON IN 46750
Reset controls, Part. Nos. HT203777-1, -2.
For installation on air conditioning liquid chillers Listed for Carrier Air Conditioning Co.

ACCESSORIES, AIR-DUCT MOUNTED (ABQK)

USE AND INSTALLATION

This category covers products employing ultraviolet lamps or ionization tubes for the purpose of treating air and having provisions for connection to heating and ventilation ducts used for air distribution.

This equipment is rated 600 V ac or less and is intended for installation in accordance with ANSI/NFPA 70, "National Electrical Code." Equipment to be connected to an air-duct system is additionally intended for installation in accordance with ANSI/NFPA 90A, "Installation of Air-Conditioning and Ventilating Systems," or ANSI/NFPA 90B, "Installation of Warm Air Heating and Air-Conditioning Systems."

This equipment is suitable for rigid sheet-metal air ducts only. Installation should be such that the structural integrity of the duct is not compromised.

Equipment employing ionization tubes is not intended for installation downstream from a humidifier or where similar exposure to other sources of moisture is likely.

PRODUCT MARKINGS

Information concerning wiring connections, mounting location, installation clearances, etc., are either marked on the accessory and/or in detailed installation instructions accompanying each accessory.

Products intended for use with germicidal lamps are marked "This product (fixture) is designed for use with germicidal lamps and must be installed in compliance with competent technical directions so that the user's eye and bare skin will not be subjected to ultraviolet rays."

FACTORS NOT INVESTIGATED

The health aspects associated with the use of these products and their ability to aid in disinfection of environmental air have not been investigated. This limitation is specified in the instruction manual and on the product for all products covered under this category.

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standards used to investigate products employing ultraviolet lamps in this category are ANSI/UL 153, "Portable Electric Luminaires," ANSI/UL 1598, "Luminaires," and ANSI/UL 1995, "Heating and Cooling Equipment."

The basic standards used to investigate products employing ionization tubes in this category are ANSI/UL 1995 and ANSI/UL 867, "Electrostatic Air Cleaners."

UL MARK

The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

AIR DUCT MOUNTED ACCESSORY

WITH RESPECT TO ELECTRIC SHOCK, FIRE AND CASUALTY HAZARDS ONLY

Control No.

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AERISA INC **E251521**
204 S RIVER DR, TEMPE AZ 85281

AIR-HANDLERS CLEAN AIR CONCEPTS INC **E169819**
1109 OLD OKEECHOBEE RD, WEST PALM BEACH FL 33401

AMERICAN AIR & WATER INC **E42012**
12 GIBSON DR, HILTON HEAD ISLAND SC 29926

AMERICAN ULTRAVIOLET CO **E316411**
212 N MT ZION RD, LEBANON IN 46052

AQUA TREATMENT SERVICES INC **E341657**
194 HEMPT RD, MECHANICSBURG PA 17050-2604

AUTOMATED ASSEMBLY INC **E205015**
259 THIRD CONCESSION RD PO BOX 490, PRINCETON, ON
N0J 1V0 CANADA

CARRIER CORP **E224113**
7310 W MORRIS ST, INDIANAPOLIS IN 46231

CLEAN AIR PARTNERS **E3979**
SUITE 204 418 MEADOW ST, FAIRFIELD CT 06824



Documents
Document Sharing Hub

2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

AIR CONDITIONING EQUIPMENT (AAYZ)

5

Accessories, Air-duct Mounted (ABQK)–Continued

DUST FREE L P 1112 INDUSTRIAL DR PO BOX 519, ROYSE CITY TX 75189	E213952
FIELD CONTROLS L L C 2630 AIRPORT RD, KINSTON NC 28504	E206039
GENESIS AIR INC 5202 CR 7350, SUITE D, LUBBOCK TX 79424	E326567
HOME HEALTH PRODUCTS L L C PMB 322 9702 GAYTON RD, RICHMOND VA 23233	E223905
HONEYWELL INTERNATIONAL INC ACS ENVIRONMENTAL & COMBUSTION CONTROLS 1985 DOUGLAS DR N, GOLDEN VALLEY MN 55422	E223009
LUMALIER CORP 743 S DUDLEY ST, MEMPHIS TN 38104	E183446
MICROGENIX CANADA INC 6021 YONGE ST, TORONTO, ON M2M 3W2 CANADA	E231865
PLASMA AIR INTERNATIONAL INC 35 MELROSE PL, STAMFORD CT 06902	E313835
RUKS ENGINEERING LTD UNIT 18 18 AUTOMATIC RD, BRAMPTON, ON L6S 5N5 CANADA	E337863
STERIL-AIRE INC 2840 N LIMA ST, BURBANK CA 91504	E233711
THERMO PRODUCTS L L C 5235 W STATE RD 10 PO BOX 217, NORTH JUDSON IN 46366	E196920
ULTRAVATION 212 IDEAL WAY PO BOX 165, POULTNEY VT 05764	E226860
ULTRAVIOLET DEVICES INC 26145 TECHNOLOGY DR, VALENCIA CA 91355	E212213
UV RESOURCES L L C PO BOX 800370, SANTA CLARITA CA 91380-0370	E341088

AIR CONDITIONERS, PACKAGED TERMINAL (ACKZ)

GENERAL

This category covers packaged terminal air conditioners and packaged terminal heat pumps. They consist of a wall sleeve, outdoor louvers, and a combination of assemblies designed as a unit and intended for mounting through the wall. They include refrigeration components as the prime source of cooling and dehumidification. They may also have provision for heating by hot water, reverse cycle refrigeration, steam, electric resistance heat or gas-fired burner(s). These units employ alternating current, hermetic refrigerant motor compressors with factory charged refrigeration systems and include a means for ventilation and circulating air. Accessories intended for use with packaged terminal air conditioners are also covered under this category.

This category does not cover equipment intended for connection to duct systems for the purpose of providing central cooling and/or heating.

INSTALLATION

This equipment is rated 600 V or less and intended to be installed in accordance with the requirements of ANSI/NFPA 70, "National Electrical Code." It is intended for installation through walls and basically intended to serve a single room, zone or space, although some units may have provision to additionally serve an adjacent room.

Permanently-connected units are intended to be connected to a branch circuit protected by overcurrent devices that do not exceed the value marked on the data plate or attached wiring diagram. This marked protective device rating is the maximum for which the unit has been investigated and found acceptable. If the marking specifies fuses, the unit is intended to be protected by fuses only. If time-delay fuses are required for restarting, the unit is so marked.

Units employing gas heat are intended to be installed in accordance with the installation instructions and markings on the appliance, and are intended to be connected to a gas supply of the type specified on the appliance. Equipment is intended to be installed in accordance with the current edition of ANSI Z223.1/NFPA 54, "National Fuel Gas Code."

PRODUCT MARKINGS

Cord-connected units that require a circuit breaker or time-delay fuses to permit restarting are so marked.

Units with water cooled condensers investigated for connection to ground water sources are so marked.

Some equipment may be designed to accept accessories in the field. In such cases, both the air conditioner and the accessory are marked to relate the two for proper installation.

This equipment typically consists of multiple assemblies or sections that are shipped in separate packages to be assembled in the field. The sections are marked to relate to one another for proper installation. The section incorporating the primary nameplate contains an essential elements label that details the other sections needed to complete the installation.

UNEVALUATED FACTORS



Documents

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2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

6

AIR CONDITIONING EQUIPMENT (AAZY)

Air Conditioners, Packaged Terminal (ACKZ)–Continued

The effect of these units on the fire resistance rating of the wall has not been investigated.

RELATED PRODUCTS

See Air Conditioners, Room (ACOT) and Gas-fired Room Heaters, Vented (LPNH). Air conditioners for spot cooling or environmental control of electronic enclosures are covered under Air Conditioners, Special Purpose (ACVS). Dehumidifiers are covered under Dehumidifiers, Refrigeration Type (AFFT). Air conditioning equipment designed for duct connection to multiple rooms is covered under Heating and Cooling Equipment (LZFE).

ADDITIONAL INFORMATION

For additional information, see Heating, Cooling, Ventilating and Cooking Equipment (AAHC) and Electrical Equipment for Use in Ordinary Locations (AALZ).

REQUIREMENTS

The basic standard used to investigate the refrigeration and heating (other than gas) portions of the products in this category is UL 484, "Room Air Conditioners."

The basic standard used to investigate the gas heating portion of the products in this category, if provided, is the current edition and effective addenda thereto of ANSI Z21.86/CSA 2.32, "Vented Gas-Fired Space Heating Appliances."

UL MARK

The Listing Mark and Gas-fired Listing Mark, if gas heat is provided, of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and one of the following product names as appropriate: "Packaged Terminal Air Conditioner," "Packaged Terminal Heat Pump," "Section of Packaged Terminal Air Conditioner," "Cooling Portion of Packaged Terminal Air Conditioner" or "Accessory for Packaged Terminal Air Conditioner."

The Gas-fired Listing Mark for the gas heating portion of these products, if provided, includes the UL symbol with the words "GAS-FIRED" above the UL symbol and the word "LISTED" below the UL symbol (as illustrated in the Introduction of this Directory), a control number, the product name "Gas Heating Portion of Packaged Terminal Air Conditioner," and the standard designation "ANSI Z21.86(+)" CSA-2.32(+)-((+)) Fan-Type Direct Vent Wall Furnace."

(+) Suffix letter of latest addendum if applicable

((+)) Issue year of latest addendum or standard

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AIR-CON INTERNATIONAL INC 5610 NW 12 TH AVE SUITE 209, FORT LAUDERDALE FL 33309	SA33831
CARRIER INTERAMERICA CORP 3450 NW 115TH AVE, DORAL FL 33178	SA33400
EAIR L L C 12201 NW 107TH AVE, MEDLEY FL 33178	SA33269
ELECTROLUX HOME PRODUCTS INC 10200 DAVID TAYLOR DR, CHARLOTTE NC 28262	SA33529
FEDDERS/ISLANDAIRE INC 22 RESEARCH WAY, EAST SETAUKET NY 11733	SA9301
FRIEDRICH AIR CONDITIONING CO SUITE 500 10001 REUNION PL, SAN ANTONIO TX 78216	SA7659
GD MIDEA AIR-CONDITIONING EQUIPMENT CO LTD PENG LAI RD BEIJIAO, SHUNDE, GUANGDONG 528311 CHINA	SA33645
GENERAL ELECTRIC CO GE APPLIANCES APPLIANCE PARK, LOUISVILLE KY 40225	SA7526
GREE ELECTRIC APPLIANCES INC OF ZHUHAI JIN JI WEST RD QIANSHAN, ZHUHAI, GUANGDONG 519070 CHINA	SA32366
HEAT CONTROLLER INC 1900 WELLWORTH AVE, JACKSON MI 49204	SA11013
INTERNATIONAL REFRIGERATION PRODUCTS CO INC SUITE N 11325 NATIONS FORD RD, PINEVILLE NC 28134	SA33268
LG ELECTRONICS INC AIR CONDITIONERS OBU 76 SEONGSAN-DONG, CHANGWON-SHI, KYOUNGSANGNAM-DO 641-310 REPUBLIC OF KOREA	SA13362
MCQUAY LATIN AMERICA L C SUITE 310 7205 NW 19TH ST, MIAMI FL 33126-1230	SA33547
MJC AMERICA LTD, DBA SOLEUS INTERNATIONAL INC 20035 E WALNUT DR N, CITY OF INDUSTRY CA 91789	SA33831



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Air Conditioners, Packaged Terminal (ACKZ)–Continued

NRG EQUIPMENT INC UNIT 1 1245 MAPLE HILL CT, NEWMARKET, ON L3Y 9E8 CANADA	SA33218
PREM SALES LTD 6021 AVENUE A, LUBBOCK TX 79404	SA33398
REFRICENTER OF MIAMI INC 7101 NW 43RD ST, MIAMI FL 33166	SA33436
SANYO ELECTRIC CO LTD 1-1-1 SAKATA OIZUMI-MACHI, ORA-GUN, GUNMA-KEN 370- 0596 JAPAN	SA32431
SHARP ELECTRONICS CORP ONE SHARP PLAZA, MAHWAH NJ 07495	SA10305
SIMON-AIRE INC 746 E 9TH ST, NEW YORK NY 10009	SA32206
SUBURBAN MFG CO 676 BROADWAY ST, DAYTON TN 37321	SA10773
TURBO AIR CONDITIONING CORP 1250 VICTORIA ST, CARSON CA 90746	SA33430
YMGI GROUP L L C PO BOX 1559, O'FALLON MO 63366	SA33776

AIR CONDITIONERS, ROOM (ACOT)

GENERAL

This category covers room air conditioners and recreational vehicle (RV) air conditioners. They are encased assemblies designed as a unit and intended as the prime source of cooling and dehumidification, intended to serve a single room, zone or space. These products may be self-contained or split-system. Accessories intended for use with room air conditioners are also covered under this category.

INSTALLATION

This equipment is rated 600 V ac or less and is intended to be installed in accordance with ANSI/NFPA 70, "National Electrical Code." Room air conditioners are intended for installation in windows, through walls, or as consoles located in or adjacent to the room, zone, or space to be conditioned. They may also be split-system, where the evaporator section is installed inside, and the condensing unit is installed outside. The two sections are connected by refrigerant piping and electrical wiring.

A console or in-wall-type room air conditioner may have provision to additionally serve a single adjacent room. Split-system room air conditioners are designed for field interconnection with a matching section. Such units and sections are marked to relate the two for proper installation. The sections may be shipped separately.

RV air conditioners are intended for roof-top or underfloor mounting as indicated in the installation instructions, and are intended only for permanent connection to the source of electrical supply.

These units employ hermetic refrigerant motor-compressors with factory-charged refrigeration systems and include a means for circulating air. They may also have provision for electric heating, reverse cycle heating, and ventilation. Room air conditioners are not intended for connection to duct systems for the purpose of providing central cooling and/or heating. RV air conditioners may be ducted to remote areas of the vehicle as specified in the installation instructions, which include the minimum duct size, maximum length, and minimum register size.

Permanently connected units are intended to be connected to a branch circuit protected by overcurrent devices that do not exceed the value marked on the data plate or attached wiring diagram. This marked protective device rating is the maximum for which the unit has been investigated and found acceptable. If the marking specifies fuses, the unit is intended to be protected by fuses only. If time-delay fuses are required for restarting, the unit is so marked.

Cord-connected room air conditioners are provided with instructions regarding the use of extension cords. If the use of an extension cord is not recommended, the instructions state this. Recommendations for an extension cord specify the use of a cord set with an equipment grounding conductor, grounding-type attachment plug and grounding-type connector, and the ampacity and voltage rating of the cord set.

The U.S. Environmental Protection Agency's Significant New Alternatives Policy (SNAP) Program requirements should be consulted for room air conditioners in this category that employ a flammable refrigerant (ASHRAE 34 Class A2, A2L or A3). Authorities Having Jurisdiction should also be consulted for any additional requirements.

PRODUCT MARKINGS

Cord-connected units that require circuit breakers or time-delay fuses to permit restarting are so marked.

Units with water-cooled condensers investigated for connection to ground water sources are so marked.

Some equipment may be designed to accept accessories installed in the field. In such cases, both the room air conditioner and the accessory are marked to relate the two for proper installation.

If parts or sections of the room air conditioner are separately shipped from the factory, they are marked to relate the sections to one another for proper installation.

RELATED PRODUCTS

Packaged terminal air conditioners are covered under Air Conditioners, Packaged Terminal (ACKZ).

Air conditioners for spot cooling or environmental control of electronic enclosures are covered under Air Conditioners, Special Purpose (ACVS).

Dehumidifiers are covered under Dehumidifiers, Refrigeration Type (AFFT).

Products Verified for energy efficiency are covered under Air Conditioners, Room Verified for Energy Efficiency (ZWAT).

ADDITIONAL INFORMATION

For additional information, see Heating, Cooling, Ventilating and Cooking Equipment (AAHC) and Electrical Equipment (AAEZ) in Ordinary Locations (AALZ).

2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

8

AIR CONDITIONING EQUIPMENT (AAYZ)

Air Conditioners, Room (ACOT)–Continued

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 484, "Room Air Conditioners."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and one of the following product names as appropriate: "Room Air Conditioner," "Split System Air Conditioner," "Split Type Air Conditioner," "Section of Room Air Conditioner" or "Accessory for Room Air Conditioner."

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AIR-CON INC #2 SUITE 15 PMB#181 CARR, BAYAMON PR 00959-5259	SA33343
AIRTEK INTERNATIONAL CORP LTD ROOM 806-807A 8/F TSIM SHA TSUI CENTRE (WEST WING) 66 MODY RD TSIM SHA TSUI EAST KOWLOON, HONG KONG HONG KONG	SA33826
AIRWELL-FEDDERS NORTH AMERICA INC 2 CENTER DR, MONROE TOWNSHIP NJ 08831	SA1039
ALMO CORP 2709 COMMERCE WAY, PHILADELPHIA PA 19154	SA33544
AMERICAN POWER CONVERSION CORP 132 FAIRGROUNDS RD PO BOX 278, WEST KINGSTON RI 02892	SA10743
CANADIAN TIRE CORP LTD 11TH FL 2180 YONGE ST, TORONTO, ON M4P 2V8 CANADA	SA33810
CARRIER INTERAMERICA CORP 3450 NW 115TH AVE, DORAL FL 33178	SA33401
CE NORTH AMERICA L L C 6950 NW 77TH CT, MIAMI FL 33166	SA32785
CROSLEY GROUP INC SUITE 200 111 CLOVERLEAF DR, WINSTON SALEM NC 27103	SA32560
DANBY PRODUCTS LTD 5070 WHITE LAKE RD PO BOX 1778, GUELPH, ON N1H 6Z9 CANADA	SA10703
DE LONGHI APPLIANCES SRL VIA L SEITZ 47 31100, TREVISO, TV ITALY	SA7047
DE LONGHI SPA VIA L SEITZ 47 31100, TREVISO, TV ITALY	SA13527
EAIR L L C 12201 NW 107TH AVE, MEDLEY FL 33178	SA8053
ECR INTERNATIONAL INC 2201 DWYER AVE PO BOX 4729, UTICA NY 13504	SA7477
ELECTROLUX HOME PRODUCTS INC 10200 DAVID TAYLOR DR, CHARLOTTE NC 28262	SA11087
FHP MFG 601 NW 65TH CT, FORT LAUDERDALE FL 33309	SA11725
FRIEDRICH AIR CONDITIONING CO SUITE 500 10001 REUNION PL, SAN ANTONIO TX 78216	SA2243
GAC CORP 1000 TOYOSHINA, AZUMINO-SHI, NAGANO-KEN 399- 8286 JAPAN	SA32197
GALANZ (ZHONGSHAN) ELECTRICAL APPLIANCES LTD MAXIN INDUSTRY ZONE XINGPU RD E HUANGPU TOWN, ZHONGSHAN, GUANGDONG 528429 CHINA	SA32452



Documents
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2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

AIR CONDITIONING EQUIPMENT (AAYZ)

9

Air Conditioners, Room (ACOT)–Continued

GD MIDEA AIR-CONDITIONING EQUIPMENT CO LTD PENGLAI RD BEIJIAO, SHUNDE, GUANGDONG 528311 CHINA	SA12388
GENERAL ELECTRIC CO GE APPLIANCES APPLIANCE PARK, LOUISVILLE KY 40225	SA2141
GENERAL ELECTRIC CO ROOM 1312 BLDG 35 APPLIANCE PARK, LOUISVILLE KY 40225	SA11094
GENIE AIRCONDITIONING & HEATING INC 15041 CALVERT ST STE A, VAN NUYS CA 91411	SA10888
GOODMAN MFG CO L P SUITE 500 5151 SAN FELIPE AVE, HOUSTON TX 77056-3650	SA33502
GREE ELECTRIC APPLIANCES INC OF ZHUHAI JIN JI WEST RD QIANSHAN, ZHUHAI, GUANGDONG 519070 CHINA	SA10632
GUANGDONG CHIGO AIR CONDITIONING CO LTD SHENGLI INDUSTRY DISTRICT LISHUI TOWN, NANHAI, GUANGDONG 528244 CHINA	SA12793
GUANGDONG KELON AIR CONDITIONER CO LTD 2 QIAODONG RD RONGGUI, SHUNDE, GUANGDONG 528303 CHINA	SA12409
HAIER AMERICA TRADING L L C 1356 BROADWAY, NEW YORK NY 10018	SA11045
HEAT CONTROLLER INC 1900 WELLWORTH AVE, JACKSON MI 49204	SA3201
HLC INTERNATIONAL GROUP INC, DBA COOLTECH PO BOX 315205, TAMUNING GU 96931	SA33667
INTERNATIONAL REFRIGERATION PRODUCTS CO INC SUITE N 11325 NATIONS FORD RD, PINEVILLE NC 28134	SA11088
KAIPING NEW WIDETECH ELECTRIC CO LTD FIRST BLDG NO.40 XINGDA RD SHUIKOU TOWN, KAIPING, GUANGDONG 529300 CHINA	SA13504
LG ELECTRONICS INC LG TWIN TOWER 20 YOIDO-DONG YOUNGDUNGPO-GU, SEOUL 150-010 REPUBLIC OF KOREA	SA7244
LIVING DIRECT INC BUILDING 5 500 N. CAPITAL OF TEXAS HWY, AUSTIN TX 78746	SA33096
MANUFLOW INC 9101 BOUL LOUIS-H LAFONTAINE, ANJOU, QC H1J 1Z1 CANADA	SA12913
MC APPLIANCE CORP 777 MARK ST, WOOD DALE IL 60191	SA33494
MIRAGE APPLIANCES INC UNIT 6 6700 GATEWAY PARK DR, SAN DIEGO CA 92154	SA32908
MJC AMERICA LTD, DBA SOLEUS INTERNATIONAL INC 20035 E WALNUT DR N, CITY OF INDUSTRY CA 91789	SA10893
MS COOLING EQUIPMENT INC 61-40 163TH ST, FRESH MEADOW NY 11365	SA33653
NINGBO HICON INTERNATIONAL INDUSTRY CO LTD 68 KAI FA RD ZHOUXIANG TOWN CIXI, NINGBO, ZHEJIANG 315324 CHINA	SA12660
PREM SALES LTD 6021 AVENUE A, LUBBOCK TX 79404	SA33899



Documents
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2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

10

AIR CONDITIONING EQUIPMENT (AAYZ)

Air Conditioners, Room (ACOT)–Continued

PRIDIOM GROUP L L C SUITE 9 32 PIERMONT RD, CRESSKILL NJ 07626	SA33420
QINGDAO HAIER AIR CONDITIONER GENERAL CORP LTD QINGDAO HIGH TECH IND PARK HAIER RD, QINGDAO, SHANDONG 266101 CHINA	SA11753
QUIETSIDES CORP 8750 PIONEER BLVD, SANTA FE SPRINGS CA 90670	SA32539
RV PRODUCTS, DIV OF AIRXCEL INC 3050 N ST FRANCIS, WICHITA KS 67219	SA4433
SAMSUNG ELECTRONICS CO LTD CS CENTER 416 MAETAN 3-DONG SUWON-SI, YEONGTONG- GU, GYEONGGI-DO 443-742 REPUBLIC OF KOREA	SA7227
SEARS ROEBUCK & CO 3333 BEVERLY RD, HOFFMAN ESTATES IL 60179	SA2274
SHARP ELECTRONICS CORP ONE SHARP PLAZA, MAHWAH NJ 07495	SA9639
SHENZHEN YONAN AIR CONDITIONING CO LTD 24B-I BLK B FORTUNE PLAZA 7060 SHENNAN RD, SHENZHEN, GUANGDONG 518040 CHINA	SA13460
SOLEUS INTERNATIONAL INC 20035 E WALNUT DR N, WALNUT CA 91789	SA33610
SUNLIGHT SUPPLY INC SUITE 101 BLDG A 5408 NE 88TH ST, VANCOUVER WA 98665	SA33837
TEAM INTERNATIONAL 590 W 84TH ST, HIALEAH FL 33014	SA33382
TORONTO COMMUNITY HOUSING CORP 2ND FL 931 YONGE ST, TORONTO, ON M4W 2H2 CANADA	SA32846
TOYOTOMI CO LTD 5-17 MOMOZONO-CHO MIZUHO-KU, NAGOYA-SHI, AICHI- KEN 467-0855 JAPAN	SA32101
TURBO AIR CONDITIONING CORP 1250 VICTORIA ST, CARSON CA 90746	SA33432
TURBO AIR INC 1250 VICTORIA ST, CARSON CA 90746	SA11119
WHIRLPOOL CORP GLOBAL WATER TECHNOLOGY ST JOSEPH TECHNOLOGY CENTER MD-0220, BENTON HARBOR MI 49022	SA33434
WOLF STEEL LTD 24 NAPOLEON RD, BARRIE, ON L4M 4Y8 CANADA	SA32667
ZYMBO (ZHONGSHAN) ELECTRICAL MFG CO LTD GUANGFENG INDUSTRIAL ESTATE SHA LANG XI QU, ZHONGSHAN, GUANGDONG 528411 CHINA	SA33345

AIR CONDITIONERS, SPECIAL PURPOSE (ACVS)

GENERAL

This category covers equipment designed for special purposes, such as portable spot cooling, environmental control of electronic enclosures, or supplementary cooling of computer rooms or computer equipment. These products may be self-contained or sectional, and are designed to provide conditioned air to a single room or space. Accessories are also covered under this category.

INSTALLATION

This equipment is rated 600 V or less and is intended for installation in accordance with ANSI/NFPA 70, "National Electrical Code" (NEC).

This equipment consists of one or more factory-made sections. If the equipment is provided in two or more sections, each section is designed for field interconnection with a matched section(s) to make the air conditioner assembly. Unless so indicated in the individual

Air Conditioners, Special Purpose (ACVS)–Continued

certifications, the evaporator blower is provided as part of the assembly, and may be an integral part of the evaporator section or furnished as a separate section. The individual certifications show the distinctive designation of each section comprising the assembly.

The proper method of electrical installation (number of branch circuits, disconnects, etc.) is shown on the wiring diagram and/or marking required to be attached to the unit.

In permanently connected units employing two or more motors or a motor(s) and other loads, operating from a single supply circuit, the motor overload protective devices (including thermal protectors for motors) and other factory-installed motor circuit components and wiring are investigated on the basis of compliance with the motor branch circuit short-circuit and ground-fault protection requirements of Section 430.53(C) of the NEC. Such multimotor and combination load equipment is intended to be connected only to a circuit protected by fuses or circuit breakers with a rating that does not exceed the value marked on the data plate. This marked protective device rating is the maximum for which the equipment has been investigated and found acceptable.

Accessories for special purpose air conditioners are provided with instructions for installation into the product.

Units suitable for use with certified field-installed accessories, such as electric resistance heaters, are specifically indicated in the individual certifications.

The U.S. Environmental Protection Agency's Significant New Alternatives Policy (SNAP) Program requirements should be consulted for special-purpose air conditioners in this category that employ a flammable refrigerant (ASHRAE 34 Class A2, A2L or A3). Authorities Having Jurisdiction should also be consulted for any additional requirements.

PRODUCT MARKINGS

Units suitable for outdoor installation are so marked. Units not marked as suitable for outdoor installation are for indoor use only.

Some equipment is designed to accept accessories installed in the field. In such cases, both the air conditioner and the accessory are marked to relate the two for proper installation.

Where a clearance is required to be maintained to combustible construction, the minimum clearance is designated in the individual certifications and is also marked on the unit. Unless otherwise indicated, the designated clearances (other than "zero") are based on tests of units with uninsulated sheet-metal ducts and plenum attached. Under these conditions, temperatures below established criteria have been measured on a wooden test enclosure, representing combustible construction, spaced at the specified clearance (air) from the unit, ducts, and plenum.

RELATED PRODUCTS

See Air Conditioners, Room (ACOT), Air Conditioners, Packaged Terminal (ACKZ), Dehumidifiers, Refrigeration Type (AFFT) and Heating and Cooling Equipment (LZFE).

Equipment without a refrigeration system is covered under Heating and Cooling Equipment (LZFE).

Permanently connected computer room air conditioners are covered under Heating and Cooling Equipment (LZFE).

ADDITIONAL INFORMATION

For additional information, see Air Conditioning Equipment (AAZY), Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 484, "Room Air Conditioners."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Special Purpose Air Conditioner," "Section of Special Purpose Air Conditioner" or "Accessory for Special Purpose Air Conditioner," or other appropriate product name as shown in the individual Listings.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

ADALET/SCOTT FETZER CO

SA13382

4801 W 150TH ST, CLEVELAND OH 44135

Self-contained, cord-connected computer room air conditioners, Models NE010126, NE015126, NE020126, CS020126, NE030126, NE040126, NE050126, NE060126, NE080126.

Models CS020236, NE010236, NE015236, NE040236, NE050236, NE060236, NE080236, may be followed additional suffixes.

AMERICAN POWER CONVERSION CORP

SA12821

132 FAIRGROUNDS RD PO BOX 278, WEST KINGSTON RI 02892

Self-contained computer room air-conditioners, Models ACPA4000, ACSC100.

AUTOMATION DIRECT COM INC

SA33404

3505 HUTCHINSON RD, CUMMING GA 30040

Special purpose self-contained air conditioners units, Models TA10-010-16-12 [+a], TA10-015-16-12 [+a], TA10-020-16-12 [+a], TA10-040-16-12 [+a], TA10-050-16-12 [+a], TA10-060-16-12 [+a], TA10-010-16-04 [+a], TA10-015-16-04 [+a], TA10-020-16-04 [+a], TA10-040-16-04 [+a], TA10-050-16-04 [+a], TA10-060-16-04 [+a], TA10-010-16-4X [+a], TA10-015-16-4X [+a], TA10-020-16-4X [+a], TA10-040-16-4X [+a], TA10-050-16-4X [+a], TA10-060-16-4X [+a], TA10-010-26-12 [+a], TA10-015-26-12 [+a], TA10-020-26-12 [+a], TA10-040-26-12 [+a], TA10-050-26-12 [+a], TA10-060-26-12 [+a], TA10-010-26-04 [+a], TA10-015-26-04 [+a], TA10-020-26-04 [+a], TA10-040-26-04 [+a], TA10-050-26-04 [+a], TA10-060-26-04 [+a], TA10-010-26-4X [+a], TA10-015-26-4X [+a], TA10-020-26-4X [+a], TA10-040-26-4X [+a], TA10-050-26-4X [+a], TA10-060-26-4X [+a].
[+a] - ML models may also have a prefix of "B -"

DANTHERM AIR HANDLING INC

SA10718

SUITE K 110 CORPORATE DR, SPARTANBURG SC 29303

Special purpose air conditioners, Models A000007, CS016055A, CS016055B, CS020020A(+), CS020020B(+), CS030040A, CS030040B, CS030060A, CS030060B, CS030075A, CS047100B, CS047120B, CS050130B, CS050130B-H030, CX064060B, CX093040A, CX098020A, CX098060B, iA / C-T-B10000, CS050125B, CX124020A(+), followed by suffixes -H004, -H008, -H012; Models CS0120-15, -18, -26, -31, -35, -42, CX039042 followed by suffixes A, B, BT, C, -H004, -H008, -H012; Model DA12M followed by 1.5, 1.8, 2.6, 3.1 or 4.2, followed by A, B, BT, C, -H004, -H008, -H012.

Models E*067240C, E*067240D, E*067360C, E*067360D, E*076480C, E*076480D, E*076600C, E*076600D, EX055600C, EX17360C, EX071360D, EX181001C, EX204001C, EX204002D, E*204003C, E*204004D.

Special purpose type room air conditioners, Models iA / C-T-A6000, iA / C-T-B6000, iA / C-T-B8000.

Models eco-B-4K50, eco-B-6K50, eco-B-8K50.

*May be T or O. (T= Free cooling 0 = closed loop).

(+)- may be blank or "Q". (Q = optional alarm cable).

ICE QUBE INC

141 WILSON AVE, GREENSBURG PA 15601

2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

12

AIR CONDITIONING EQUIPMENT (AAYZ)

Air Conditioners, Special Purpose (ACVS)–Continued

Computer room air conditioners, Models IQ2200MM, IQ3000MM, RD-CKC-2501, RD-CKC-3501.

Models ICE4000, ICE4000A, ICE4000B.

Electronic control equipment air conditioners, Model IQ, followed by 1000V, 1200VS, 1200VXS, 1500VS, 1500VXS, 1800TS, 1800VS, 1800VXS, 2000TXS, 2000TXS-M1, 2000VXS, 2200VB, 2200VS, 2300TSHA, 2300TS, 2400VXS, 2500T, 2500TS, 2500TSHA, 2500TXS, 2500V, 3000T, 3000V, 3000VS, 3500V, 3800VS, 4000T, 4000TS, 4000V, 4000V16HA, 4000VB, 4000VS, 4500T, 4500V, 5000T, 5000V, 5000V16, 5000V16HA, 5500VS, 6000T, 6000V, 6000V16, 6000V16HA, 6000VB, 6000VS, 7000T, 8000V16, 8000VHA, 10000V, 12000V, 14000V, 17000V, 20000V, may be provided with suffix H, may be provided with suffix XP1 or XP2.

Model IQ, followed by 4000VXS, 5000VXS, 6000VXS, may be provided with suffix H, may be provided with suffix XP1 or XP2.

Model IQ, followed by 2500V, 3000T, 3000VS, 3500V, 3800VS, 4000V, 4000V16HA, 4000VB, 4000VS, 4000VXS, 5000V, 5000V16HA, 6000V16HA, 8000V16, 8000VHA, 10000V, 12000V, may be provided with suffix XP1, XP2 or H.

Model IQ, followed by 5000V16HA, 6000V16HA, 8000T, 8000V16, 8000VB, 8000VHA, 10000V, 12000V, 14000V, 17000V, 20000V, may be provided with suffix XP1, XP2 and/or H. (For use with R-407c Only).

Models IQ, followed by 1000MM, 1300MM, followed by L or R.

Model IQ, followed by 8000V16, 8000VB, 8000VHA, 10000V, 12000V, 14000V, 17000V, 20000V, may be provided with suffix XP1, XP2 or H. (For use with R-407c only).

Model IQ, followed by 3000T, 3500V, 4000T, 4500V, 4000V16HA, 4000VS, 4000VXS, 5000T, 5000V16, 5000VXS, 6000T, 6000V16, 6000VXS, may be provided with suffix XP1, XP2 or H. (Units for use with R422D only).

Model IQ, followed by 1000V, 1200VS, 1200VXS, 1500VS, 1500VXS, 1800VXS, 2000TXS, 2000TXS-M1, 2000VXS, 2200VB, 2200VS, 2400VXS, 2500TXS, 2500V, 3000VS, 3500V, 4000V, 4000V16HA, 4000VS, 4000VXS, 4500V, 5000V, 5000V16, 5000V16HA, 5000VXS, 5500VS, 6000V, 6000V16, 6000V16HA, 6000VB, 6000VS, 6000VXS, may be provided with suffix XP1, XP2 or H.

Special purpose air conditioner, Model ICE2200.

ISC SALES INC

SA8067

4421 TRADITIONAL TRL, PLANO TX 75093

Special purpose self-contained air conditioners units, Models ISCNE015126, ISCNE020126, ISCNE030126, ISCNE040126, ISCNE050126, ISCNE060126, ISCNE080126, ISCNE015236, ISCNE040236, ISCNE050236, ISCNE080236, ISCCS020126, ISCCS010126, ISCNE010126(#), ISCHC100126(#), ISCHC120126(#), ISCCS020236(#), ISCNE010236(#), ISCNE010236(#), ISCNE020236(#), ISCNE030236(#), ISCNE060236(#), ISCHC120236(#), ISCHC150236(#), ISCHC200236(#), ISCNE020486(#), ISCNE030486(#), ISCNE040486(#), ISCNE050486(#), ISCNE060486(#), ISCNE080486(#), ISCHC120486(#), ISCHC150486(#), ISCHC200486(#), ISCWFO60126(#), ISCWFO80126(#), ISCWFO80236(#), ISCCS011126, ISCHC101126, ISCHC121126, ISCHC101236, ISCHC121236, ISCHC151236, ISCHC201236, ISCHC241236, ISCHC101486, ISCHC121486, ISCHC151486, ISCHC201486, ISCHC241486, ISCWFO81126, ISCWFO81236.

(#)Followed by suffix letters and/or numbers.

KOOLTRONIC INC

SA6441

30 PENNINGTON HOPEWELL RD PO BOX 240, PENNINGTON
NJ 08534

Self-contained industrial control cabinet units, Models KA4C1.0MMT, -1.0NP17, -1.2MMT, -1.4MMT, -1.5NP17, -1.8NP17, -2.0NP17, -2P28T, -2P36T, -3P28T, -3P36T, -4P28T, -4P36T.

Model K(*)A followed by 3 or 4, followed by C, followed by 1.0, 1.5, 1.8, 2, 2.5, 2.6, 3.5, 4, 4.2, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, 24 followed by H, HS, HT, NM, NP, P, RP, TP, followed by 5, 6, 7, 8, 9, 9/50, 9/56, 10, 10/50, 10/56, 28, 28/50, 28/56, 33, 33/50, 33/56, 36/50, 47, 47/50, 47/56, 52, 52/50, 53, 59, 59/50, with suffix numbers and/or letters.

Models K2WA3C24P52R, K2WA3C26P52R, K2WA3C28P52R, K2WA3C30P52R.

Models KA3C13NP47L, KA3C13NP47L5, K2A3C13NP47L, K2A3C13NP47L5.

Models K3A4C5DP38L, K3A4C7DP52L, K3A4C9DP52L, KA4C2DP17L, KA4C3DP21L, KNA4C3DP21L, K3NA4C3DP24L, K3NA4C3DP24L, K2A3C14DP50L, K2A3C18DP53L, K2A3C26DP60L, K3NA4C5DP38L, K3NA4C7DP52L, K3NA4C9DP52L, K3NA6C14DP50L, K3NA6C18DP53L, K3NA6C26DP60L.

Models KA4C3RTL, K2A4C3RTL, KA3C6RTL, KA3C12RTL, K2A3C6RTL, K2A3C12RTL, KA4C6RTL, K2A4C6RTL, KA4C12RTL, K2A4C12RTL.

Models KNA4C5DP33L, K2NA4C5DP33L, KNA4C7DP43L, K2NA4C7DP43L, KNA3C9DP47L, K2NA3C9DP47L, KNA4C9DP47L, K2NA4C9DP47L, KA4C9DP47L, K2A4C9DP47L, KNA4C1DKP15L, K2NA6C14DP50L, K2NA6C18DP53L, K2NA4C26DP60L.

Models KA4C5RML, K2A4C5RML.

Models KAC6C10NPT47L, K2A6C10NPT47L, K2A6C13NPT47L, K2A6C4NPT33L, K2A6C16NPT52L, KA6C4NPT33L.

Model K2A6C12HTL.

*-With or without number 2.

MORPHO DETECTION INC

SA32556

7151 GATEWAY BLVD, NEWARK CA 94560

Self-contained cooling unit, Model InViroPak 3.

NOREN PRODUCTS INC

SA9567

1010 O'BRIEN DR, MENLO PARK CA 94025

Air-to air heat exchangers, Models*b CC200, CC500, CC800, CC1200, CC1400, CC2000; Models*ab CC254, CC400, CC450, CC600, CC900, CC1000, CC1100, CC1300, CC2500; Models*d CC401F, CC601F, CC901F, CC1301F, CC2501F.

Air-to water heat exchangers, Models*b NP0158, CC2060, CC3060, CC3260, CC6360.

Model*c CC2061P, CC2062P, CC3061P, CC3062P, CC6360P, CC6361P, CC6362P.

*a - These models are suffixed with F or I.

*b - These models may be suffixed with Type 12.

*c - These models may be suffixed with Type 4 or Type 4X.

*d - These models may be suffixed with -WL, -RH#, -HH# (where # is 4, 6, 9, 13, or 25). These models may also have an "interior" enclosure designation of Type 4 and an "exterior" enclosure designation of Type 3R. The "interior" enclosure is defined as the part of the heat exchanger enclosure that completes the enclosure of the end-product equipment and is not exposed to the ambient surrounding the end-product. The "exterior" enclosure of the heat exchanger is exposed to the ambient surrounding the end-product.

OCEANAIRE INC

SA11730

6228 OAKTON ST, MORTON GROVE IL 60053

Special purpose air conditioners, Models OAC1211, -1811, -2412, -3612, -3632, -3634, -6012, -H6012, -6032, -3634, -6034, -H6032, 20AC1211, 20AC1811, 20AC2412, 20AC3612, 20AC3632, 20AC6012, 20AC6032, 20AC6034, OACH1211, -1811, -2412, -3612, -3634, -6034, QWC1011, -1012, -1211, -1212, -1811, -1812, -2412, -3612, 20ACH1211, 20ACH1811, 20ACH2412, 20ACH3612, 20ACH3632, 20ACH3634, 20ACH6012, 20ACH6032, 20ACH6034, OWC6012, -6032, -6034, 20WC1211, -12, 20WC1811, -12, 20WC2412, 20WC3612, 20WC6012, 20WC6032, 20WC6034,

Air Conditioners, Special Purpose (ACVS)–Continued

PAC or PACH, -10, -12, -18, -24, -36, -325, -3612, -3632, -3634, -6012, -6032, -6034, PWC10, -12, -18, -24, -36, -325, -3632, -6012, -6032, -6034, -6035, followed by additional suffix digits.

PENTAIR TECHNICAL PRODUCTS

SA6453

PO BOX 9, ANOKA MN 55303

Self-contained electronic enclosure units, Models HB11-02AB-G3xx, -03AB-G3xx, -0416-3xxU, -04AB-G3xx, -0425-3xxU, -0426-G3xx with suffixes, may be prefixed with the letter “M”.

Models 13-0116-xxxxU, -01AB-Gxxxx, -01AB-G1xxx, -0126-1xxxU with suffixes, may be prefixed with the letter “M”.

Models HB16-0716-xxxU, -0826-xxxU, -0926-xxxU, -0816-GXXX, -0826-GXXX, LB14-0726-XXXU, LB14-0765-XXXU, LB16-0616-001U, LB16-1026-XXXX, LB16-1026-GXXX with suffixes.

Models 17-02AB-Gxxx, -0216-xxxU with suffixes, may be prefixed with letter “M”.

Models 28-0216-xxxU, -02AB-Gxxx, -03AB-Gxxx, -04AB-Gxxx, -0416-xxxU, -05AB-Gxxx, -06AB-Gxxx, -06AB-xxx with suffixes, may be prefixed with letter “M”.

Models CR29-02AB-Gxxx, -04AB-Gxxx, -0416-xxxU with suffixes.

Models 33-03AB-Gxxx, -04AB-Gxxx with suffixes, may be prefixed with letter “M”.

Models 36-0616-xxxU, -0625-xxxU, -06AB, -08AB-xxxU with suffixes, may be prefixed with letter “M”.

Models 36-0526-G3xx, 36-0565, -06AB-Gxxx with suffixes, may be prefixed with letter “M”.

Models CRXX-06AB-XXX, -06AB-GXXX, -0615-XXX, -0625-XXX, -08AB-XXX, -08AB-GXXX, -0815-XXX, -0825-XXX.

Model CRXX-04AB-GXXX.

Models CRXX-0615, -06AB, -0625, -0815, -08AB, -0825 .

Model 47-0616-xxxU with suffixes.

Model 47-12AB-WXXX.

Models 52-06AB, -08AB, -0865-XXXU, -0825-2XXU, -10AB, -12AB with suffixes, may be prefixed with letter “M” excluding 52-1216-XXXUE, 52-1255-XXXUE.

Models 52-1926-xxx, -1926-GXXX with suffixes.

Model 56-1216 followed by suffixes.

Model 52-0846 followed by suffixes.

Model 52-0646 followed by suffixes.

Model 52-1046 followed by suffixes.

Model 59-1226, 59-1265 with suffixes.

Models 62-2126, 62-2226, may be prefixed with letter “T”, with suffixes.

Models 63-2026-xxxU, 63-2065-xxxU with suffixes.

Model CR23-02AB-GXXX.

Model T50-1226-G1XX.

Model T53-1926-XXX.

Models G57-2026-GXXX, G-57-2046-GXXX.

Models T29-0416-GXXX, T29-0426-GXXX.

Models T20-0216-GXXX, T20-0226-GXXX.

Models 70-3626, 70-3646-GXXX may be prefixed with letter “T”, with suffixes.

Model 70-6026 may be prefixed with letter “T”, with suffixes.

Models T15-0116, T15-0126 with suffixes.

Models T45-0816-GXXX, T45-0826-GXXX with suffix numbers.

Models T43-0616-GXXX, T43-0626-GXXX, T43-0816-G2XX, T43-0816-GXXX, T43-0826-GXXX, T43-0826-G2XX.

Models T43-1016-GXXX, T43-1026-GXXX with suffix numbers.

Models G52-1216-GXXX, G52-1226-GXXX, G52-1246-GXXX, G52-08A6-GXXX.

Models G28-0416-GXXX, G28-0616-GXXX, G28-0426-GXXX, G28-0626-GXXX, G28-0446-GXXX, G28-0646-GXXX.

Water cooled modules. Model 33-04ABGWXXX.

Model CRXX-08AB-GWXXX.

Models LB11-0226, LB11-0265, LB11-0426, LB11-0465.

Models N28-04AB-GXXX, N36-06AB-GXXX, N36-08AB-GXXX, N43-12AB-GXXX.

“A” represents 1, 2, 4, 5 and 6 (115V, 230V, exceeds 240V, 100V and 200V respectively).

“B” represents 5 and 6 (50Hz and 60Hz respectively).

Note: Model numbers may or may not include dashes.

PFANNENBERG GMBH

SA10300

WERNER-WITT-STRASSE 1 POSTFACH 80 07 47 21007,

HAMBURG GERMANY

Special purpose air conditioners, Models DTS 3021, -3031, -3031SS, -3041@, -3061@, -3081@, -3141*, -3145, -3161*, -3165, -3181*, -3185, -3241, -3245, -3261, -3265, -3281, -3185, -3341, -3361, -3381, -3541, -3561, -3581, -3641, -3661, -3681; DTS-31X5, -32X5 with suffix “WC”; Model 30X1@.

Air to water heat exchangers, Models PWS7102, PWS7152, PWS7332, PWS7332L, PWS7502, PWS7702, PWS7702SL, PWS71002, followed by UL, may be followed by SS.

* - Units may be followed by suffix “SL”.

@ - Units may be followed by suffix “Lite”.

SHARP ELECTRONICS CORP

SA32671

ONE SHARP PLAZA, MAHWAH NJ 07495

Portable type room air conditioners, self-contained, Models CV-P09FX, CV-P09FL, CV-P09LX, CV-P10LC, CV-P10MX, CV-P10MC, CV-10MH, CV-10NH, CV-P10NC, CV-P10PC, CV-P12LX, CV-13NH, CV-P10RC.

THERMAL EDGE INC

SA32252

SUITE 111 1751 HURD DR, IRVING TX 75038

Special purpose self-contained air conditioners units, Models NE010126, NE015126, NE020126, CS010126, CS011126, CS020126, NE030126, NE040126, NE050126, NE060126, NE080126, HC100126, HC100486, HC101126, HC101486, HC120126, HC120486, HC121126, HC121486 may be followed additional suffixes.

Models CS020236, NE010236, NE020236, NE030236, NE015236, NE040236, NE050236, NE060236, NE080236, HC120236, HC121236, HC151236, HC155236, HC200236, HC241236, NE020486, NE030486, NE040486, NE050486, NE060486, NE080486, HC101236, HC101486, HC120486, HC121486, HC151486, HC155486, HC200486, HC201486, HC241486 may be followed additional suffixes.

Models WF060126, WF080126, WF081126 may be followed additional suffixes.

Models WF080236, WF081236 may be followed additional suffixes.

PACKAGED TERMINAL AIR CONDITIONERS, REPLACEMENT (ADN)

GENERAL



Documents

Document Sharing Hub

Packaged Terminal Air Conditioners, Replacement (ADAU)—Continued

This category covers replacement packaged terminal air conditioner and replacement packaged terminal heat pump chassis investigated for field installation with existing wall sleeves, louvers, and panels as marked on the unit. They are rated 600 V or less and intended as the prime source of air conditioning and dehumidification.

These units may also have provision for heating by hot water, reverse-cycle refrigeration, steam or electric resistance elements. They employ alternating current, hermetic refrigerant motor-compressors with factory-charged refrigeration systems, and include a means for ventilating and circulating air.

INSTALLATION

This equipment is intended to be installed in accordance with ANSI/NFPA 70, "National Electrical Code," and is intended for installation through walls and to serve a single room, zone or space, although some units may have provision to additionally serve an adjacent room.

Permanently connected units are intended to be connected to a branch circuit protected by overcurrent devices that do not exceed the value marked on the data plate or attached wiring diagram. This marked protective device rating is the maximum for which the unit has been investigated and found acceptable. If the marking specifies fuses, the unit is intended to be protected by fuses only. If time-delay fuses are required for restarting, the unit is so marked.

PRODUCT MARKINGS

Cord-connected units requiring a circuit breaker or time-delay fuses to permit restarting are so marked.

Units are marked to indicate the existing wall sleeves, louvers and panels with which they are to be used and field installed.

RELATED PRODUCTS

Room air conditioners are covered under Air Conditioners, Room (ACOT).

Air conditioners intended for spot cooling or environmental control of electronic enclosures are covered under Air Conditioners, Special Purpose (ACVS).

Dehumidifiers are covered under Dehumidifiers, Refrigeration Type (AFFT).

Air-conditioning equipment designed for connection to duct systems for the purpose of providing central cooling and/or heating is covered under Heating and Cooling Equipment (LZFE).

ADDITIONAL INFORMATION

For additional information, see Heating, Cooling, Ventilating and Cooking Equipment (AAHC) and Electrical Equipment for Use in Ordinary Locations (AALZ).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 484, "Room Air Conditioners."

UL MARK

The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

**REPLACEMENT PACKAGED TERMINAL AIR CONDITIONER
FOR FIELD INSTALLATION WITH EXISTING WALL SLEEVES, OUTDOOR LOUVERS,
AND INDOOR PANELS AS SPECIFIED ON THE PRODUCT
AS TO ELECTRIC SHOCK, FIRE AND CASUALTY HAZARDS ONLY**

Control No.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

GREE ELECTRIC APPLIANCES INC OF ZHUHAI
JIN JI WEST RD QIANSHAN, ZHUHAI, GUANGDONG
519070 CHINA

SA32567

SIMON-AIRE INC
746 E 9TH ST, NEW YORK NY 10009

SA32883

AIR FILTERING APPLIANCES (AEDX)

GENERAL

This category covers portable and stationary air-filtering appliances intended for window, floor, table and similar mounting. This category also covers fixed air-filtering appliances intended for permanent mounting to walls, ceilings, and similar applications. The appliances consist primarily of air-circulating fans and mechanical filters, but may additionally employ ultraviolet/germicidal lamps.

PRODUCT MARKINGS

Appliances specifically investigated for use in "other spaces used for environmental air," per Article 300.22(c) of ANSI/NFPA 70 (2002), "National Electrical Code," are marked "These units evaluated for use in other spaces for environmental air per National Electrical Code Article 300.22(c)(2)."

FACTORS NOT INVESTIGATED

The physiological effects of the operation of these appliances, beneficial or otherwise, have not been investigated.

RELATED PRODUCTS

Appliances not provided with filters and intended for circulating air in a room are covered under Fans, Ceiling Suspended (GPRT) and Fans, Electric (GPVV).

Electrostatic air cleaners and fans employing electrostatic air cleaners are covered under Electrostatic Air Cleaners (AGGZ).

Ionizers, fans employing ionizers, and ion generators are covered under Ion Generators (OETX).

Deodorizers intended to remove odors in specific applications by ozone generation are covered under Deodorizers, Ozone Generator Type (EOKL).

Deodorizers intended to be used in treating air by dispersal of chemicals or by scenting the air are covered under Deodorizers and Air Fresheners (EOGX).

Appliances employing ultraviolet lamps or ionization tubes for the purpose of treating air and having provisions for connection to heating and ventilation ducts used for air distribution are covered under Accessories, Air Duct Mounted (ABQK).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 507, "Electric Fans."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Air Filtering Appliance" or "Air Filter," or other (a) or (b) product name as shown in the individual Listings.

Air Filtering Appliances (AEDX)–Continued

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

3M COMPANY CONSTRUCTION & HOME IMPROVEMENT MKTS 3M CENTER 251-1C-09, ST PAUL MN 55144	E305233
AAF (SUZHOU) CO LTD 116 CHANGYANG ST SIP, SUZHOU, JIANGSU 215126 CHINA	E301189
ADA ELECTROTECH CO LTD 5 XIN GUANG EAST RD HAICANG XINYANG INDUSTRIAL AREA, XIAMEN, FUJIAN 361022 CHINA	E316886
AIR-PURE SYSTEMS 16873 FISHPOINT RD SE, PRIOR LAKE MN 55372	E202270
AIRISTAR TECHNOLOGIES L L C 2330 ERNIE KRUEGER CIR, WAUKEGAN IL 60087	E242859
ALLENTOWN INC. IMLAYSTOWN RD RTE 526 PO BOX 698, ALLENTOWN NJ 08501	E201619
AMERICAN CLEAN ROOM SYSTEMS, DIV OF AMERICAN PARTITIONS INC 29722 AVENIDA DE LAS BANDERAS, RANCHO STA MARGARITA CA 92688	E191814
ASSOCIATED EQUIPMENT CORP 5043 FARLIN AVE, ST LOUIS MO 63115	E136990
BROAN-NUTONE L L C 926 W STATE ST PO BOX 140, HARTFORD WI 53027	E103375
CLEAN AIR PRODUCTS 8605 WYOMING AVE N, BROOKLYN PARK MN 55445	E219822
CLEAN ROOMS INTERNATIONAL INC 4939 STARR ST SE, GRAND RAPIDS MI 49546	E226186
DANTHERM AIR HANDLING INC SUITE K 110 CORPORATE DR, SPARTANBURG SC 29303	E348246
DOMETIC CORP (THE) 509 S POPLAR ST, LAGRANGE IN 46761	E347024
DRI-EAZ PRODUCTS INC 15180 JOSH WILSON RD, BURLINGTON WA 98233	E229154
E F COOK & ASSOCIATES LTD SUITE 200 5858 MT ALIFAN DR, SAN DIEGO CA 92111	E227467
ENVIRCO, DIV OF AIR SYSTEM COMPONENTS INC 101 MCNEILL RD, SANFORD NC 27330	E152685
FIELD CONTROLS L L C 2630 AIRPORT RD, KINSTON NC 28504	E243200
FUMEX INC SUITE D 1150 COBB INTERNATIONAL PL, KENNESAW GA 30152	E187453
GD MIDEA ENVIRONMENT APPLIANCES MFG CO LTD HESUI EAST INDUSTRIAL AREA 28 DONG FU RD DONG FENG TOWN, ZHONGSHAN, GUANGDONG 528425 CHINA	E311503
GEBHARDT FANS USA L L C 1503 W MISTY BREEZE CIR, KAYSVILLE UT 84037	E223652
GENERAL ELECTRIC CO GE APPLIANCES APPLIANCE PARK, LOUISVILLE KY 40225	E126095



2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

16

AIR CONDITIONING EQUIPMENT (AAYZ)

Air Filtering Appliances (AEDX)–Continued

GENESIS AIR INC 5202 CR 7350, SUITE D, LUBBOCK TX 79424	E321509
GORDON INC 5023 HAZEL JONES DR, BOSSIER CITY LA 71111	E204852
HEPA CORP 3071 E CORONADO ST, ANAHEIM CA 92806	E204400
HONOR TONE LTD UNIT 9-11, 7TH FL TECHNOLOGY PARK 18 ON LAI ST, SHATIN N T HONG KONG	E203370
HUNG HSING ELECTRIC CO LTD 105 NAN SHING RD YUNG KANG, TAINAN HSIEN 710 TAIWAN	E206731
KAZ USA INC 250 TURNPIKE RD, SOUTHBOROUGH MA 01772	E155174
KOPEN ELECTRICAL CO LTD WINNER FTY BLDG, 2ND FL, FLAT H 55 HUNG TO RD KWUN TONG, KOWLOON HONG KONG	E308442
KRUEGER, DIV OF AIR SYSTEM COMPONENTS INC 1401 N PLANO RD, RICHARDSON TX 75081	E331495
KYODO-ALLIED INDUSTRIES LTD 17 KIAN TECK RD, SINGAPORE 628771 SINGAPORE	E315786
LENNOX INDUSTRIES INC 2100 LAKE PARK BLVD, RICHARDSON TX 75080	E223257
LIGHT WAVE 1246 E LEXINGTON AVE, POMONA CA 91766	E341586
M+W PRODUCTS GMBH BUSINESS LINE CLEANROOM PRODUCTS LOTTERBERGSTRASSE 30 70499, STUTTGART GERMANY	E216256
MARLEY ENGINEERED PRODUCTS, DIV OF MARLEY CO 470 BEAUTY SPOT RD E, BENNETTSVILLE SC 29512	E25681
MAYAIR TECHNOLOGY (NANJING) CO LTD 16 YINLONG ROAD JIANGNING ECONOMIC DEVELOPMENT ZONE, NAN JING, JIANGSU 211106 CHINA	E336779
PHILIPS (CHINA) INVESTMENT CO LTD NO 9 LANE 888 TIANLIN RD 200233, SHANGHAI CHINA	E344817
SEARS ROEBUCK & CO 3333 BEVERLY RD, HOFFMAN ESTATES IL 60179	E75341
SGBLUE INC SUITE 7-101 229 AIRPORT RD, ARDEN NC 28704	E339431
SHENZHENCITY QINXN PURIFICATION TECHNOLOGY CO LTD 5TH FL, BLDG A1 WEIYE CHUANGXIN IND ZONE BAOYUAN RD BAOAN DISTRICT, SHENZHEN, GUANGDONG 518133 CHINA	E348408
SHINSUNG ENG CO LTD 409-1 SUNJUNG-RI SAMSUNG-MYUN EUMSUNG-KUN, CHUNGBUK 369-832 REPUBLIC OF KOREA	E166384
SHOP-VAC CORP 2323 REACH RD PO BOX 3307, WILLIAMSPORT PA 17701	E206937
SUNBEAM PRODUCTS INC DBA JARDEN CONSUMER SOLUTIONS 2381 EXECUTIVE CENTER DR, BOCA RATON FL 33431	E130777



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2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

AIR CONDITIONING EQUIPMENT (AAZY)

17

Air Filtering Appliances (AEDX)–Continued

SUNBEAM PRODUCTS INC DBA JARDEN CONSUMER SOLUTIONS 2381 EXECUTIVE CENTER DR, BOCA RATON FL 33431	E205342
TANIS TECHNOLOGIES L L C SUITE 200 4269 LINCOLN RD, HOLLAND MI 49423	E332251
TEKQUEST INDUSTRIES INC 4275 CHURCH ST, SANFORD FL 32771	E181416
TERRA UNIVERSAL INC 800 S RAYMOND AVE, FULLERTON CA 92831	E326560
TITUS 605 SHILOH RD, PLANO TX 75074	E328025
TUTTLE & BAILEY 1401 N PLANO RD, RICHARDSON TX 75081	E328012
VITAIRE CORP PO BOX 88, ELMHURST ANNEX NY 11380	E63891
WINIX INC 1280-10 CHUNG WANG-DONG, SHI HEUNG-SHI, KYOUNGGI-DO 329-450 REPUBLIC OF KOREA	E327306
WOONGJIN COWAY CO LTD 658 YUGU-RI YUGU-EUP, KONGJU-SI, CHUNGNAM REPUBLIC OF KOREA	E229156

DEHUMIDIFIERS, REFRIGERATION TYPE (AFFT)

GENERAL

This category covers portable, self-contained household, commercial and industrial dehumidifiers for use in removing moisture from the air. These dehumidifiers are designed for cord connection to single-phase, alternating-current circuits rated not more than 20 A, 125 V or 15 A, 208 or 230 V. They employ hermetic refrigerant motor-compressors and may also incorporate electric air heaters. These dehumidifiers are intended for installation in accordance with ANSI/NFPA 70, "National Electrical Code."

RELATED PRODUCTS

Air conditioners intended for spot cooling are covered under Air Conditioners, Special Purpose (ACVS).

Desiccant-type dehumidifiers with a heater are covered under Heaters, Specialty (KSOT).

Duct-mounted and permanently connected dehumidifiers are covered under Heating and Cooling Equipment (LZFE).

See Air Conditioners, Room (ACOT).

Products Verified for energy efficiency are covered under Dehumidifiers, Refrigeration Type Verified for Energy Efficiency (ZWHP).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 474, "Dehumidifiers."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Dehumidifier" for a household unit, or "Special Purpose Dehumidifier" for a commercial or industrial unit.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

AIRWELL-FEDDERS NORTH AMERICA INC 2 CENTER DR, MONROE TOWNSHIP NJ 08831	SA33496
ALMO CORP 2709 COMMERCE WAY, PHILADELPHIA PA 19154	SA33545
DANBY PRODUCTS LTD 5070 WHITELAW RD PO BOX 1778, GUELPH, ON N1H 6Z9 CANADA	SA9780
DE LONGHI APPLIANCES SRL VIA L SEITZ 47 31100, TREVISO, TV ITALY	SA32134
DRI-EAZ PRODUCTS INC 15180 JOSH WILSON RD, BURLINGTON WA 98233	SA9572
ELECTROLUX HOME PRODUCTS INC 10200 DAVID TAYLOR DR, CHARLOTTE NC 28262	SA11079



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2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

18

AIR CONDITIONING EQUIPMENT (AAYZ)

Dehumidifiers, Refrigeration Type (AFFT)–Continued

FRIEDRICH AIR CONDITIONING CO SUITE 500 10001 REUNION PL, SAN ANTONIO TX 78216	SA7531
GD MIDEA AIR-CONDITIONING EQUIPMENT CO LTD PENG LAI RD BEIJIAO, SHUNDE, GUANGDONG 528311 CHINA	SA12617
GENERAL ELECTRIC CO GE APPLIANCES APPLIANCE PARK, LOUISVILLE KY 40225	SA7251
GREE ELECTRIC APPLIANCES INC OF ZHUHAI JIN JI WEST RD QIANSHAN, ZHUHAI, GUANGDONG 519070 CHINA	SA12864
GUANGDONG CHIGO AIR CONDITIONING CO LTD SHENGLI INDUSTRY DISTRICT LISHUI TOWN, NANHAI, GUANGDONG 528244 CHINA	SA12794
GUANGDONG KELON AIR CONDITIONER CO LTD 2 QIAODONG RD RONGGUI, SHUNDE, GUANGDONG 528303 CHINA	SA13076
HAIER AMERICA TRADING L L C 1356 BROADWAY, NEW YORK NY 10018	SA12945
HEAT CONTROLLER INC 1900 WELLWORTH AVE, JACKSON MI 49204	SA10980
INTERNATIONAL REFRIGERATION PRODUCTS CO INC SUITE N 11325 NATIONS FORD RD, PINEVILLE NC 28134	SA32349
KAIPING NEW WIDETECH ELECTRIC CO LTD FIRST BLDG NO.40 XINGDA RD SHUIKOU TOWN, KAIPING, GUANGDONG 529300 CHINA	SA12797
MC APPLIANCE CORP 777 MARK ST, WOOD DALE IL 60191	SA33517
MJC AMERICA LTD, DBA SOLEUS INTERNATIONAL INC 20035 E WALNUT DR N, CITY OF INDUSTRY CA 91789	SA10907
OASIS INTERNATIONAL 222 E CAMPUS VIEW BLVD, COLUMBUS OH 43235	SA33604
QINGDAO HAIER AIR CONDITIONER GENERAL CORP LTD QINGDAO HIGH TECH IND PARK HAIER RD, QINGDAO, SHANDONG 266101 CHINA	SA11931
SEARS ROEBUCK & CO 3333 BEVERLY RD, HOFFMAN ESTATES IL 60179	SA3826
SUNLIGHT SUPPLY INC SUITE 101 BLDG A 5408 NE 88TH ST, VANCOUVER WA 98665	SA33836
WINIX INC 1280-10 CHUNG WANG-DONG, SHI HEUNG-SHI, KYOONGGI-DO 329-450 REPUBLIC OF KOREA	SA32357

ELECTROSTATIC AIR CLEANERS (AGGZ)

GENERAL

This category covers duct type, room type (fixed), stationary and portable electrostatic air cleaners intended to remove airborne dust particles and the like.

This category also covers accessories intended for field installation on specific certified electrostatic air cleaners. They are marked to indicate the associated certified equipment by model, catalog number, part number, or other identifier as appropriate. Markings on the equipment also indicate any changes in the equipment ratings with the accessory installed. Information concerning field wiring connections, mounting location, installation clearances, etc., are marked on the accessory, and/or in detailed installation instructions accompanying each accessory.

Duct-type electrostatic air cleaners are intended for installation in and adjoining heating air conditioning and ventilating ducts in accordance with ANSI/NFPA 90A, "Installation of Air-Conditioning and Ventilating Systems," and ANSI/NFPA 90B, "Installation of Warm Air Heating and Air-Conditioning Systems."

Duct-type electrostatic air cleaners that may be used in exhaust systems of restaurant-type cooking equipment are so marked. These air cleaners are intended for installation in accordance with ANSI/NFPA 96, "Ventilation Control and Fire Protection of Commercial Cooking Operations." When installed in accordance with ANSI/NFPA 96, a certified grease filter or extractor must be installed ahead of the air cleaner.

Electrostatic Air Cleaners (AGGZ)–Continued

Room-type electrostatic air cleaners are self-contained units; the fixed types are intended for permanent installation. Portable or stationary types are cord connected.

Electrostatic air cleaners are intended for use where removal of dust and dirt from equipment is frequent enough to prevent excessive accumulation, which may result in flashover and fire damage. The instructions and warnings supplied with and on each piece of equipment should be carefully observed.

Electrostatic air cleaners have either Class 1 or Class 2 filters or adhesive-coated ionizer collector cells as follows:

Class 1 filters or adhesive-coated ionizer collector cells are those which, when clean, do not contribute fuel when attacked by flame and which emit only negligible amounts of smoke.

Class 2 filters or adhesive-coated ionizer collector cells are those which, when clean, burn moderately when attacked by flame or emit moderate amounts of smoke, or both.

Electrostatic air cleaners designed to be assembled together in the field from component parts are Listed by Report. Under this form of certification, a Report is prepared that identifies and describes the complete assembly and includes instructions for proper installation. Copies of the report are available from the Listee.

REBUILT PRODUCTS

This category also covers electrostatic air cleaners that are rebuilt by the original manufacturer or another party having the necessary facilities, technical knowledge and manufacturing skills. Rebuilt electrostatic air cleaners are rebuilt to the extent necessary by disassembly and reassembly using new or reconditioned parts. Rebuilt electrostatic air cleaners are subject to the same requirements as new electrostatic air cleaners.

FACTORS NOT INVESTIGATED

The physiological effects of the operation of these appliances, beneficial or otherwise, have not been investigated.

RELATED PRODUCTS

Ionizers, fans employing ionizers, and ion generators are covered under Ion Generators (OETX).

Air-filtering appliances utilizing mechanical filtration only or ultraviolet/germicidal lamps are covered under Air-filtering Appliances (AEDX).

Deodorizers intended to be used in treating air by dispersal of chemicals or by scenting the air are covered under Deodorizers and Air Fresheners (EOGX).

Deodorizers intended to remove odors in specific applications by ozone generation are covered under Deodorizers, Ozone Generator Type (EOKL).

Appliances employing ultraviolet lamps or ionization tubes for the purpose of treating air and having provisions for connection to heating and ventilation ducts used for air distribution are covered under Accessories, Air Duct Mounted (ABQK).

Power supplies intended for use in electrostatic air-cleaning equipment are covered under Power Supplies, Electrostatic Air-cleaning Equipment (QQCH2).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 867, "Electrostatic Air Cleaners."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Electrostatic Air Cleaner" or "Electrostatic Air Cleaner Accessory."

For rebuilt products, the word "Rebuilt," "Remanufactured" or "Reconditioned" precedes the product name.

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ADA ELECTROTECH CO LTD 5 XIN GUANG EAST RD HAICANG XINYANG INDUSTRIAL AREA, XIAMEN, FUJIAN 361022 CHINA	E316132
AIR-PURE SYSTEMS 16873 FISHPOINT RD SE, PRIOR LAKE MN 55372	E64835
AIRVITA CO LTD #2206 URIM BLUE NINE B YEOMCHANG-DONG 240-21 GANGSEO-GU, SEOUL REPUBLIC OF KOREA	E247360
ALLEN CORP SUITE 307-299 5114 BALCONES WOODS DR, AUSTIN TX 78759	E342213
CRS INDUSTRIES INC, DBA COSATRON SUITE 502 6304 BENJAMIN RD, TAMPA FL 33634	E76962
DUST FREE L P 1112 INDUSTRIAL DR PO BOX 519, ROYSE CITY TX 75189	E167031
FRIEDRICH AIR CONDITIONING CO SUITE 500 10001 REUNION PL, SAN ANTONIO TX 78216	E126456
GD MIDEA ENVIRONMENT APPLIANCES MFG CO LTD HESUI EAST INDUSTRIAL AREA 28 DONG FU RD DONG FENG TOWN, ZHONGSHAN, GUANGDONG 528425 CHINA	E251730
HONEYWELL ENVIRONMENTAL & COMBUSTION CONTROLS (TIANJIN) CO LTD 158 NANHAI RD TIANJIN ECONOMIC TECHNOLOGICAL DEVELOPMENT AREA 300457, TIANJIN CHINA	E220547



2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

20

AIR CONDITIONING EQUIPMENT (AAYZ)

Electrostatic Air Cleaners (AGGZ)–Continued

HONEYWELL INTERNATIONAL INC ACS ENVIRONMENTAL & COMBUSTION CONTROLS 1985 DOUGLAS DR N, GOLDEN VALLEY MN 55422	E30954
HUNG HSING ELECTRIC CO LTD 105 NAN SHING RD YUNG KANG, TAINAN HSIEN 710 TAIWAN	E253144
JOHNSON CONTROLS INC 507 E MICHIGAN ST, MILWAUKEE WI 53202	E318787
KELEC MOTOR (ZHUHAI) CO LTD 18 SCIENCE & TECHNOLOGY SIX RD GANG WAN AV TANGJIAWAN TOWN, ZHUHAI, GUANGDONG CHINA	E348794
LIFE'S RESOURCES INC 114 E MAIN ST PO BOX 260, ADDISON MI 49220	E151622
ORECK CORP 1400 SALEM RD, COOKEVILLE TN 38506	E175763
RESEARCH PRODUCTS CORP 1015 E WASHINGTON AVE PO BOX 1467, MADISON WI 53701	E187541
SEARS ROEBUCK & CO 3333 BEVERLY RD, HOFFMAN ESTATES IL 60179	E32956
STRIONAIR 410 S ARTHUR AVE, LOUISVILLE CO 80027	E344565
SUNPENTOWN INTERNATIONAL INC 14625 CLARK AVE, CITY OF INDUSTRY CA 91745	E354174
TRION, DIV OF AIR SYSTEM COMPONENTS INC 101 MCNEILL RD, SANFORD NC 27330	E19320
WINIX INC 1280-10 CHUNG WANG-DONG, SHI HEUNG-SHI, KYOUNGGI-DO 329-450 REPUBLIC OF KOREA	E318765
YEL LI ELECTRICAL WORKS CO LTD 12 LANE 296 CHUNG CHING N RD, SEC 3, TAIPEI 103 TAIWAN	E206101

EVAPORATIVE COOLER RETROFIT PUMPS (AGIS)

USE AND INSTALLATION

This category covers pumps intended to replace the original pumps provided in certified evaporative coolers and pumps meant as retrofit pumps providing additional functionality, such as the timed purging of evaporative-cooler reservoirs. They do not require qualified service personnel for installation when the evaporative cooler is provided with a receptacle intended for cord-and-plug connection of the pump. For installations where the pump is not provided with a plug or where the plug must be cut off in order to wire the pump directly into the cooler circuitry, installation by qualified service personnel is specified. Pump construction, performance and installation instructions have been investigated to determine that, when properly installed, they comply with the requirements applied to original equipment pumps in these coolers.

PRODUCT MARKINGS

The pump packaging indicates the brand name, models or ratings of the evaporative coolers for which the pump is designed. Information concerning mounting of the pump, cord routing, maximum depth of water in the reservoir, and regular testing of any GFCI protecting the pump is either marked on the pump packaging or provided in detailed installation instructions accompanying each pump.

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standards used to investigate products in this category are ANSI/UL 778, "Motor-Operated Water Pumps," and ANSI/UL 507, "Electric Fans."

UL MARK

The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

**EVAPORATIVE COOLER RETROFIT PUMP
FOR USE WITH SPECIFIED EVAPORATIVE COOLERS ONLY
Control No.**

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

CHAMPION COOLER CORP
1724 S SCULLIN, DENISON TX 75020

E129894

Evaporative Cooler Retrofit Pumps (AGIS)–Continued

DIAL MFG INC 4940 W JEFFERSON, PHOENIX AZ 85043	E124683
FANPAC CO L L C SUITE 204 1117 22ND ST S, BIRMINGHAM AL 35205	E332553
FRANKLIN ELECTRIC CO INC 301 N MACARTHUR BLVD, OKLAHOMA CITY OK 73127	E224017
PHOENIX MFG INC 3655 E ROESER RD, PHOENIX AZ 85040	E102283
PPS PACKAGING CO 3189 E MANNING AVE PO BOX 427, FOWLER CA 93625	E174766

EVAPORATIVE COOLERS (AGNY)

USE AND INSTALLATION

This category covers evaporative coolers of portable, window and stationary types for residential, commercial and industrial applications. Stationary types may have provision for connection to a duct system for air distribution. Models investigated for outdoor installation are marked "Outdoor Use."

Motors used in stationary equipment intended for duct system connection are prevented from hazardous overheating by inherent over-heating devices, by overcurrent protective devices, or by impedance of the motor windings.

Units permanently connected to the source of supply are intended to be installed in accordance with the requirements of ANSI/NFPA 70, "National Electrical Code."

Evaporative media provided on stationary units that are intended for connection to a duct system in accordance with the "International Mechanical Code," ANSI/NFPA 90A, "Installation of Air Conditioning and Ventilating Systems," or ANSI/NFPA 90B, "Installation of Warm Air Heating and Air Conditioning Systems," are investigated in accordance with UL 900, "Air Filter Units." These products are also suitable for installation in accordance with the "Uniform Mechanical Code."

RELATED PRODUCTS

Some stationary, duct-connected evaporative coolers are covered under Evaporative Coolers Certified in Accordance with the Uniform Mechanical Code (AGOS).

Air coolers that include a motor compressor and refrigeration system are covered under Room Air Conditioners (ACOT).

Products intended primarily for circulating moistened air are covered under Humidifiers (AHIV).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 507, "Electric Fans."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Evaporative Cooler" or "Evaporative Air Cooler."

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

CHAMPION COOLER CORP 1724 S SCULLIN, DENISON TX 75020	E103496
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Base-mounted, up-discharge evaporative coolers, Evaporator air coolers, Portable evaporative type coolers, Roof mounted, down-discharge evaporative coolers, Roof mounted, side-discharge, evaporative coolers, Roof or side mounted evaporative coolers, Stationary evaporative type coolers, Wall-mounted, side-discharge evaporative coolers, Window-mounted evaporative coolers, Window mounting kits.

Accessory bleed off pumps, Accessory switches.

CLIMATE TECHNOLOGIES PTY LTD 26 NYLEX AVE, SALISBURY, SA 5108 AUSTRALIA	E171684
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Portable evaporative coolers, Window-type evaporative coolers.

ECONO CLIMAS S A DE C V ANTIGUO CAMINO AL MILAGRO 303 FRACC HACIENDA EL MILAGRO 66600, APODACA, NL MEXICO	E323806
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Portable evaporative coolers.

GD MIDEA ENVIRONMENT APPLIANCES MFG CO LTD	E301926
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HESUI EAST INDUSTRIAL AREA 28 DONG FU RD DONG
FENG TOWN, ZHONGSHAN, GUANGDONG 528425 CHINA
Air coolers.

IMPCO S DE R L DE C V	E21700
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CARRETERA MIGUEL ALEMAN 6061 COL AMERICA 67130,
GUADALUPE, NL MEXICO

Duct-connected evaporative coolers, Portable evaporative coolers, Portable type coolers, Roof-mounted straight duct connection axial fan commercial/industrial coolers, Roof or side-mounted duct connected commercial-industrial coolers, Roof or side-mounted, duct-connected, evaporative coolers, Roof or side-mounted duct connected type coolers, Wall mounted coolers, Window mounted coolers.

JOAPE INDUSTRIA DE EQUIPAMENTOS AMBIENTAIS	E330712
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LTD A
R 25 DE FEVEREIRO 47 NAVEGANTES 90240-660, PORTO
ALEGRE, RS BRAZIL

2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

22

AIR CONDITIONING EQUIPMENT (AAYZ)

Evaporative Coolers (AGNY)–Continued

Portable evaporative coolers.

LANAIR PRODUCTS L L C **E327053**
4109 CAPITAL CIR, JANESVILLE WI 53546
Portable evaporative coolers.

PHOENIX MFG INC **E81307**
3655 E ROESER RD, PHOENIX AZ 85040
Evaporative coolers, window type, Portable evaporative coolers, Roof mounted, Residential condensing unit evaporative coolers.

SEELEY INTERNATIONAL PTY LTD **E87557**
1-11 ROTHESAY AVE, ST MARYS, SA 5042 AUSTRALIA
Portable evaporative coolers.

SHIVN FENG ENTERPRISE CO LTD **E204080**
2-1 LANE 94 PAN LIEN RD, SEC 1, HSI CHIH, TAIPEI HSIEN
221 TAIWAN
Air coolers.

TALL & STOUT INDUSTRIAL CORP **E319997**
SHI LONG ZAI SHUITIAN VILLAGE, SHIYAN TOWN BAO'AN,
SHENZHEN, GUANGDONG 518000 CHINA
Ultrasonic Misting Coolers.

YOU LONG ELECTRICAL INDUSTRY (SHENZHEN) CO LTD **E200680**
DA WANG SHAN TSUN INDUSTRIAL ZONE SAH CHIN CHEN
BAO' AN HSIEN, SHENZHEN, GUANGDONG 518104 CHINA
Air coolers.

**Evaporative Coolers Classified in Accordance with the Uniform Mechanical Code
(AGOS)**

USE AND INSTALLATION

This category covers stationary residential, commercial and industrial evaporative coolers with provision for connection to a duct system for air distribution and intended for installation in accordance with the "Uniform Mechanical Code."

Models investigated for outdoor installation are marked "Outdoor Use."

Motors are prevented from hazardous overheating by inherent overheating devices, by overcurrent protective devices, or by impedance of the motor windings.

Units permanently connected to the source of supply are intended to be installed in accordance with ANSI/NFPA 70, "National Electrical Code."

RELATED PRODUCTS

Evaporative coolers of the portable or window type and stationary evaporative coolers employing evaporative media investigated to ANSI/UL 900, "Air Filter Units," are covered under Evaporative Coolers (AGNY).

Air coolers that include a motor compressor and refrigeration system are covered under Room Air Conditioners (ACOT).

Products intended primarily for circulating moistened air are covered under Humidifiers (AHIV).

ADDITIONAL INFORMATION

For additional information, see Evaporative Coolers (AGNY), Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic requirements used to investigate products in this category are contained in the "Uniform Mechanical Code." They include the requirements contained in ANSI/UL 507, "Electric Fans," except for the requirement that the evaporative media comply with ANSI/UL 900, "Air Filter Units."

UL MARK

The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

[PRODUCT NAME*]

IN ACCORDANCE WITH THE UNIFORM MECHANICAL CODE

Control No.

*** EVAPORATIVE COOLER or EVAPORATIVE AIR COOLER**

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

CHAMPION COOLER CORP **E240831**
1724 S SCULLIN, DENISON TX 75020

Base-mounted up-discharge evaporative coolers, Roof mounted down-discharge evaporative coolers, Stationary evaporative type coolers, Wall-mounted side-discharge evaporative coolers, Window-mounted evaporative coolers, Window mounting kits.

IMPCO S DE R L DE C V **E231794**
CARRETERA MIGUEL ALEMAN 6061 COL AMERICA 67130,
GUADALUPE, NL MEXICO
Duct-connected evaporative coolers, Roof or side-mounted, duct connected, type evaporative coolers.

PHOENIX MFG INC
3655 E ROESER RD, PHOENIX AZ 85040

Evaporative Coolers Classified in Accordance with the Uniform Mechanical Code (AGOS)–Continued

Duct-connected evaporative coolers employing media evaluated in accordance with the Uniform Mechanical Code.

SEELEY INTERNATIONAL PTY LTD

E354162

112 O'SULLIVAN BEACH RD, LONSDALE, SA 5160 AUSTRALIA
Commercial/industrial evaporative coolers.

HUMIDIFIERS (AHIV)

GENERAL

This category covers humidifiers intended for residential and commercial applications that circulate moistened air and generally incorporate an air-circulating fan with or without filters. Stationary types may have provision for connection to heating and ventilating ducts for air distribution.

Motors used in stationary equipment intended for duct connection are prevented from hazardous overheating by inherent overheating devices, overcurrent protective devices, or inherent impedance. Impedance-protected motors do not generate smoke during locked-rotor testing.

RELATED PRODUCTS

Evaporative coolers are covered under Evaporative Coolers (AGNY) and Evaporative Coolers Certified in Accordance with the Uniform Mechanical Code (AGOS).

Vaporizers are covered under Vaporizers (YEIV).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 998, "Humidifiers."

The basic standard used to investigate air filters provided on stationary-type humidifiers in this category is ANSI/UL 900, "Air Filter Units."

UL MARK

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Humidifier."

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

ARMSTRONG INTERNATIONAL INC

E32044

816 MAPLE ST, THREE RIVERS MI 49093
Commercial: Steam humidifiers.

BEIJING YADU SCIENCE & TECHNOLOGY CO LTD

E158471

BEIJING UNIV OF PHYSICAL EDUCATION 2 WEST RD
HAIDIAN DISTRICT 100084, BEIJING CHINA
Evaporative humidifiers, ultrasonic humidifiers.

CAREL INDUSTRIES SPA

E137548

VIA DELL'INDUSTRIA 11 35020, BRUGINE, PD ITALY
Blower packs, Commercial electrode humidifiers.

CARNES CO, DIV OF CARNES CO INC

E43695

448 S MAIN ST, VERONA WI 53593
Blower packs, Commercial humidifiers.

CARRIER CORP

E118739

7310 W MORRIS ST, INDIANAPOLIS IN 46231
Humidifiers, Residential, duct mounted humidifiers.

FIELD CONTROLS L L C

E54601

2630 AIRPORT RD, KINSTON NC 28504
Duct mounted humidifiers, Humidifiers.

GD MIDEA ENVIRONMENT APPLIANCES MFG CO LTD

E308240

HESUI EAST INDUSTRIAL AREA 28 DONG FU RD DONG
FENG TOWN, ZHONGSHAN, GUANGDONG 528425 CHINA
Portable humidifiers, Ultrasonic humidifiers.

GUARDIAN TECHNOLOGIES L L C

E315903

7700 ST CLAIR AVE, MENTOR OH 44060
Portable humidifiers.

HELEN OF TROY L P

E354919

1 HELEN OF TROY PLAZA, EL PASO TX 79912
Evaporative humidifiers, Portable humidifiers.

HONEYWELL INTERNATIONAL INC

E178533

ACS ENVIRONMENTAL & COMBUSTION CONTROLS 1985
DOUGLAS DR N, GOLDEN VALLEY MN 55422



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2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

24

AIR CONDITIONING EQUIPMENT (AAYZ)

Humidifiers (AHIV)–Continued

Plenum mounted humidifiers.

HONEYWELL INTERNATIONAL INC ACS ENVIRONMENTAL & COMBUSTION CONTROLS 1985 DOUGLAS DR N, GOLDEN VALLEY MN 55422 Duct mounted humidifiers, Humidifiers.	E185662
HUMIDITY SOURCE L L C SUITE 58 BLDG 1-D 90 DAYTON AVE, PASSAIC NJ 07055 Humidifiers for duct connection.	E26522
INTERNATIONAL COMFORT PRODUCTS L L C, DIV OF CARRIER CORP 651 HEIL-QUAKER AVE, LEWISBURG TN 37091 Humidifiers, bypass residential type, Humidifiers, power residential type.	E170161
JOHNSON CONTROLS INC 507 E MICHIGAN ST, MILWAUKEE WI 53202 Humidifiers, residential type.	E318784
JOIN-ONE ELECTRIC (SHENZHEN) LTD 5TH FL 49 CHUNG SHAN N RD, SEC 3, TAIPEI TAIWAN Evaporative humidifiers, Humidifiers, Ultrasonic humidifiers.	E108164
JOIN-ONE ELECTRIC (SHENZHEN) LTD 5TH FL 49 CHUNG SHAN N RD, SEC 3, TAIPEI TAIWAN Portable humidifiers.	E203912
JS HUMIDIFIERS PLC ARTEX AVE RUSTINGTON, LITTLEHAMPTON BN16 3LN UNITED KINGDOM Atomising humidifiers.	E320190
KAZ USA INC 250 TURNPIKE RD, SOUTHBOROUGH MA 01772 Cool mist humidifiers, Evaporative humidifiers, Humidifiers, Impeller humidifiers, Portable humidifiers, Portable Warm Mist Humidifiers, Ultrasonic humidifiers, Warm mist humidifiers.	E132522
KOHLER NOVITA LTD MT 22 JAEUNGA-RI JIGSAN-MYON, CHEONAN-SHI, CHONGCHEONG-NAMDO 333-810 REPUBLIC OF KOREA (Portable) Humidifiers.	E255336
KUO TONG ELECTRICAL & TECHNOLOGICAL (HUIZHOU) CO LTD YIN SHAN INDUSTRIAL DISTRICT LIANG JING TOWN HUIYANG DISTRICT, HUIZHOU, GUANGDONG 516000 CHINA Portable humidifiers.	E227818
LENNOX INDUSTRIES INC 2100 LAKE PARK BLVD, RICHARDSON TX 75080 Humidifiers, bypass residential type, Humidifiers, power residential type	E195686
NORDYNE INC 8000 PHOENIX PKY, O'FALLON MO 63368 Humidifiers, residential type.	E196789
NORTEC HUMIDITY INC PO BOX 698, OGDENSBURG NY 13669 Blower packs, Blower packages, Commercial humidifiers, Humidifiers, Residential humidifiers, Residential humidifiers with built-on blower packs, Steam exchanger humidifiers.	E65185
OH SUNG CO LTD 51 SUNGSAN-DONG, CHANGWON CITY, KYUNG-NAM 641- 713 REPUBLIC OF KOREA (Portable) Humidifiers, Ultrasonic humidifiers.	E236495
POLARAY INDUSTRIAL CORP 11/15 FL 217 SEC 3 SHAN MIN RD, TAICHUNG 404 TAIWAN Humidifiers.	E155172
RESEARCH PRODUCTS CORP 1015 E WASHINGTON AVE PO BOX 1467, MADISON WI 53701	E139190



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Humidifiers (AHIV)–Continued

Humidifiers, residential type.

SAM KWANG POWER SYSTEM CORP #563-15 SIPJUNG 1-DONG BUPYUNG-GU, INCHON 403- 847 REPUBLIC OF KOREA Humidifiers.	E193508
SKUTTLE MFG CO INC, DBA SKUTTLE INDOOR AIR QUALITY PRODUCTS 101 MARGARET ST, MARIETTA OH 45750 Plenum mounted humidifiers, Portable humidifiers, Residential duct mounted humidifiers.	E29222
SUNBEAM PRODUCTS INC DBA JARDEN CONSUMER SOLUTIONS 2381 EXECUTIVE CENTER DR, BOCA RATON FL 33431 Evaporative humidifiers, Humidifiers, Ultrasonic humidifiers, Warm mist humidifiers.	E91919
TRANE U S INC 6200 TROUP HWY, TYLER TX 75707 Humidifiers.	E244208
TRION, DIV OF AIR SYSTEM COMPONENTS INC 101 MCNEILL RD, SANFORD NC 27330 Humidifiers, commercial, non-duct mounted, air-water atomization, Residential, duct mounted humidifiers, Steam humidifiers.	E57914
VAPAC HUMIDITY CONTROL LTD STATION RD, EDENBRIDGE, KENT TNS 6EZ UNITED KINGDOM Commercial resistance heater humidifiers, Blower packs, Commercial electrode humidifiers.	E72719

AIR CONDITIONING SYSTEMS (AIXZ)

DISTRIBUTION DEVICES, AIR (AJIJ)

GENERAL

This category covers air-distribution devices for use in air conditioning and ventilation systems that have been investigated in accordance with the flammability requirements of ANSI/NFPA 90A, "Installation of Air-Conditioning and Ventilating Systems." These products are also considered to be investigated in accordance with the flammability requirements of the "International Mechanical Code," and the "Uniform Mechanical Code."

These products exhibit flame-spread indices of 25 or less and smoke-developed indices of 50 or less, and are marked as having been investigated as to flammability requirements only.

These products are intended to be installed in accordance with the accompanying manufacturer's installation instructions.

Authorities Having Jurisdiction should be consulted before installation.

RELATED PRODUCTS

Factory-made air ducts investigated to ANSI/UL 181 are covered under Air Ducts (ALLU).

Factory-made air connectors investigated to ANSI/UL 181 are covered under Air Connectors (ALNR).

ADDITIONAL INFORMATION

For additional information, see Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 723, "Test for Surface Burning Characteristics of Building Materials."

Where indicated in the individual certifications, products are also investigated to ICC Evaluation Service AC167, "Acceptance Criteria for Fabric Air Dispersion Systems," and UL Subject 2518, "Outline of Investigation for Air Dispersion System Materials." These requirements additionally include weight, air permeability, mold growth and humidity, erosion, temperature, and pressure.

UL MARK

The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

AIR DISTRIBUTION DEVICE IN ACCORDANCE WITH FLAMMABILITY REQUIREMENTS OF NFPA 90A Control No.

The Classification Mark for products investigated to ICC Evaluation Service AC167 and UL Subject 2518 may also include the statement "ALSO CLASSIFIED IN ACCORDANCE WITH ICC EVALUATION SERVICE AC167 AND UL SUBJECT 2518."

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

ADC INC UNIT A & B 204 HALLBERG ST PO BOX 507, DELAVAN WI 53115 Air distribution ventilation socks.	R20672
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ATCO RUBBER PRODUCTS INC
7101 ATCO DR, FT WORTH TX 76118

Distribution Devices, Air (AJIJ)–Continued

Air distribution duct.

DIFUSION TEXTIL INTEGRAL S A DE C V **R26621**
RIO TAJO 208 PARQUE TECNO INDUSTRIAL CASTRO DEL RIO
36815, IRAPUATO, GTO MEXICO
 Air distribution ventilation socks.

DUCTSOX CORPORATION **R18856**
9866 KAPP CT, PEOSTA IA 52068
 Duct Sox® Fabric Air Dispersion Systems.
 Sedona™
 Sedona-Xm™ or Coronado™
 Sedona-Xm™, Verona™, Stat-X™ or Coronado™ with SG Diffuser.
 TufTex™
 Verona™
 DuraTex™ or SimpleSox™
 PolyTex™ or ChemSox™
 Stat-X™, RX25, RX50, Rx100, Rx200, EkoTex.
 The following DuctSox fabrics are also Classified in accordance with ICC Evaluation Service AC167 and UL Subject 2518:
 Sedona™
 TufTex™
 Sedona-Xm™ or Coronado™
 Sedona-Xm™ or Coronado™ with SG Diffuser
 Verona™
 Stat-X™
 DuraTex™ or SimpleSox™
 EkoTex
 RX25
 RX50
 Microbe-X

DURKEESOX (SHANGHAI) AIR DISPERSION SYSTEM **R25940**
LTD
1 ZISONG INDUSTRY ZONE HONGSHAN DISTRICT, WUHAN,
HUBEI 430074 CHINA
 “NanoSox”. Also Classified in accordance with ICC Evaluation Service AC167 and UL Subject 2518.

FABRIC DUCT SYSTEMS INC **R18010**
1127 RIVERWOOD DR, BURNSVILLE MN 55337
 Air distribution ventilation socks.

FABRICAIR A/S **R18704**
ISLANDSVEJ 3 4681, HERFOELGE DENMARK
 FabricAir® Dispersion Systems utilizing FabFlow™, MeshFlow™, SonicFlow™, PerfoFlow™, NozzFlow™, JetFlow™, MicroFlow™ and OriFlow flow models:
 FabricAir® Trevira Basic™
 FabricAir® Trevira CS 100™
 FabricAir® Trevira CS 150™
 FabricAir® PUR 75™
 FabricAir® PUR 100™
 FabricAir® Combi 85™
 FabricAir® Combi 90™
 FabricAir® Combi 20™
 FabricAir® Combi 30™
 FabricAir® Combi 70™
 FabricAir® Combi 80™
 FabricAir® Zip-a-Duct™
 The following FabricAir products are also Classified in accordance with ICC Evaluation Service AC167 and UL Subject 2518.
 FabricAir® Dispersion Systems utilizing FabFlow™, SonicFlow™, PerfoFlow™, NozzFlow™, JetFlow™, MicroFlow™ and OriFlow flow models:
 FabricAir® Trevira Basic™
 FabricAir® Trevira CS 100™
 FabricAir® Trevira CS 150™
 FabricAir® Combi 85™
 FabricAir® Combi 90™
 FabricAir® Combi 20™
 FabricAir® Combi 30™
 FabricAir® Combi 70™
 FabricAir® Combi 80™
 FabricAir® Zip-a-Duct™

KE FIBERTEC A/S **R18932**
INDUSTRIVEJ VEST 21 6600, VEJEN DENMARK
 Textile Ducts with and without nozzle:
 Air Distribution devices – KE-Low Impulse, KE-Interior, KE-DireJet, KE-Inject.
 Air Distribution ventilation sock – Air Sox, Flexaire.

PRIHODA S R O
ZA RADNICI 46 53901, HLINSKO CZECH REPUBLIC

Distribution Devices, Air (AJJ)-Continued

Prihoda S R O Fabric for Air Dispersion Systems:
PLI Fabric.
PMI Fabric.
NLI Fabric.

FILTER UNITS, AIR (AJZV)

USE AND INSTALLATION

This category covers air-filter units of both washable and throw-away types intended for the removal of dust and other airborne particles from air circulated mechanically in equipment and systems installed in accordance with ANSI/NFPA 90A, "Installation of Air-Conditioning and Ventilating Systems," ANSI/NFPA 90B, "Installation of Warm Air Heating and Air-Conditioning Systems," the "International Mechanical Code," "International Fire Code," and "Uniform Mechanical Code."

Air filters are classed with regard to flammability as those that, when clean, burn moderately when attacked by flame or emit moderate amounts of smoke, or both.

The certification applies to filters in a clean condition. The combustibility and smoke generation of a filter after a period of service will depend in part on the nature and quantity of the contaminants collected.

Authorities Having Jurisdiction should be consulted before installation.

FACTORS NOT INVESTIGATED

The toxicity of products of combustion resulting from exposure to flame has not been investigated, nor the ability of these units to remove dust or other airborne particles or flammable vapors.

RELATED PRODUCTS

Electrically operated air-filtering appliances are covered under Air-filtering Appliances (AEDX).

ADDITIONAL INFORMATION

For additional information, see Heating, Cooling, Ventilating and Cooking Equipment (AAHC).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 900, "Air Filter Units."

UL MARK

The Classification Mark of UL on the product or on the container in which the product is packaged is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

AIR FILTER UNIT AS TO FLAMMABILITY ONLY

Control No.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

3M COMPANY 3M FILTRATION PRODUCTS

R8935

3M CENTER, ST PAUL MN 55144

Throw-away, dry-type air filter pads and roll media, "Filtrete Brand" Types GCB-XXX, GCC-XXX, maximum 100 grams per sq meter.

Throw-away, dry-type air filter pads and roll media, "Filtrete Brand" Types GS-XXX-NE, GSB-XXX-NE, maximum 654 grams per sq meter.

Throw-away, dry-type air filter pads and roll media, "Filtrete Brand" Types G-XXX, GS-XXX, GSB-XXX, maximum 344 grams per sq meter.

Throw-away, dry-type air filter pads and roll media, "GSB-30 with Double Coverweb", maximum thickness 2 mm.

Throw-away, dry-type air filter pads and roll media, "Filtrete Brand" Types GSB-XXX-NB, GS-XXX-NB, GSU, GSSU, GSFU, GFFU, maximum 187 grams per sq meter.

Throw-away, dry-type air filter pads and rolls media "Filtrete®" Room Air Conditioner Filter, Allergen Reduction Filter, Filtrete® Room Air Conditioner Filter, Microparticle Reduction Filter, 1/8 in. max. thick.

Throw-away, dry-type air filter pads and roll media, "Filtrete Electrostatic Hammock Micro Particle Filter", "Filtrete Electrostatic Micro Particle Room Air Conditioner Filter", maximum thickness 1/8 in.

Throw-away, dry-type air filter pads and roll media, "Hammock Air Filter", 3/8 in max thickness.

Throw-away, dry-type air filter pads and roll media, "Filtrete" Models "GS0104", "GS0107", "G0110", maximum thickness 1/2 in. (450 grams per sq. meter, maximum).

Throw-away, dry-type air filter pads and roll media, "Filtrete @Type S" up to 115g/m sq.

Throw-away, dry-type air filter pads and roll media, "High Airflow", maximum 2 in. thick.

Throw-away dry-type air filter units, "Filtrete®Clean Air Filter", "3M High Performance Pleated Air Filter".

Washable dry-type air filter unit, "3M Reusable Air Filter", 1 in. thick.

Throw-away, dry-type air filter unit, 1/16 in. maximum thickness.

Throw-away, dry-type air filter unit, "3M-3L RAP Filter", "3M-1L RAP Filter", 2 in. maximum thickness.

Throw-away, dry-type air filter unit, "3M-2L RAP Filter", 2 in. maximum thickness.

Throw-away, dry-type air filter unit, "3M-3L Diffuser Filter", "3M-1L Diffuser Filter", 3.175 in. maximum thickness.

Throw-away, dry-type air filter unit, "3M-2L Diffuser Filter", 3.175 in. maximum thickness.

Throw-away, dry-type air filter units, "Filtrete Commercial High Performance HVAC Filter", "Filtrete Commercial Mid-Performance HVAC Filter", "Filtrete Commercial High Performance HVAC Utility Filter", "Filtrete Commercial Mid Performance HVAC Utility Filter", "Filtrete Commercial HVAC Filter MERV A8 Mini-Pleat with gasket", "Filtrete Commercial HVAC Filter MERV A8 Mini-Pleat no gasket", "Filtrete Commercial HVAC Filter MERV A11 Mini-Pleat with gasket", "Filtrete Commercial HVAC Filter MERV A12 Mini-Pleat no gasket", "Filtrete Commercial HVAC Filter MERV A12 Mini-Pleat with gasket", "Filtrete Commercial HVAC Filter MERV A13 Mini-Pleat with gasket", "Filtrete Commercial HVAC Filter MERV FS1 Mini-Pleat no gasket", "Filtrete Commercial HVAC Filter MERV FS2 Mini-Pleat with gasket" 49 mm maximum thickness.

Throw-away, dry-type air filter units, "Filtrete Commercial Mid-Performance HVAC Filter - Fleece Filter", "Filtrete Commercial Mid-Performance HVAC Filter - Strip Filter", 1-3/4 in. maximum thickness.

Throw-away, dry-type air filter unit, "Ultra High-Performance HVAC Filter", 12 in. maximum thickness.

Throw-away, dry-type air filter unit, "High Air Flow Electrostatic (HAF-E) Filter", 0.875 in. maximum thickness.

Throw-away, dry-type air filter unit, "Filtrete Commercial HVAC Filter", 12 in. maximum depth.

A J DRALLE INC

R15849

1830 W MOUND RD, JOLIET IL 60436

Dry-type replaceable air filter units, designated "Bio-Panel", maximum depth 2 in., Class 2.

Dry-type replaceable air filter units, designated XFP-6000, maximum depth 36 in., Class 2.

AAF (SUZHOU) CO LTD

116 CHANGYANG ST SIP, SUZHOU, JIANGSU 215126 CHINA



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Filter Units, Air (AJZV)–Continued

Washable, dry-type air filter unit, PU Foam Filter, 1/2-in. depth, Class 2.

AAF INTERNATIONAL

R2570

SUITE 600 10300 ORMSBY PARK PL, LOUISVILLE KY 40223

Dry-type, extended area, throw-away air filter units, “Varicel RF”, maximum depth 12 in.

Replaceable media, adhesive coated air filter units, Types RENU-GLAS, RENU-VENT, when used with RENU-GLAS medium and RENU-VENT medium.

Replaceable dry-type roll media, designated “Airmat Blue”, and “Airmat Gold”, 3/16 in. and 1/8 in. maximum thickness, respectively.

Throw-away, dry type air filter units, 2 in. thickness, Electro-Klean Type ZL.

2 in. thickness, AM-Air/C-1, AM-Air/C-2, AM-Air/C-3, AM-Air/CP-1, AM-Air/CP-2, AM-Air/CP-3.

1, 2, 4 in. thickness, AM-Air 62Plus, AM-Air 100E, AM-Air 100X, AM-Air 200E, AM-Air 200X, AM-Air 300E, AM-Air 300X, Am-Air 300GT, Am-Air 500GT, Am-Air 500E, MEGAPleat.

2, 4 in. thickness, AM-Air 600.

4 in. thickness, Model AM-Air 300H.

1, 2 and 4 in. thickness, Models Perfect Pleat, Perfect Pleat Ultra, Perfect Pleat HC, Perfect Pleat SC M8, Perfect Pleat HC M8, Perfect Pleat HD M8, PP CSM-100, Perfect pleat 1100.

1 in. thickness, Models Honeywell Allergen Defense, Honeywell Ultimate Allergen Defense, Honeywell Advanced Allergen Defense.

Throw-away, adhesive coated air filter units, “Amerglas,” 3/8, 1/2, 5/8, 3/4, 1, 2 in. thickness. (Alternate designation: 160XXX XXX, 197XXX XXX, 217XXX XXX, 218XXX XXX, 220XXX XXX or 223XXX XXX, where X’s represent filter size and thickness).

Throw-away, dry type air filter pads or roll medias, 3-1/2 in. maximum thickness, “Snip-It”.

2 in. maximum thickness, “FRONTLINE Blue, Type S”, “FRONTLINE Green, Type S”.

3-3/4 in. maximum thickness, designated STRATA MEDIA or Strata Density.

Throw-away, dry type air filter units, 2 in. maximum thickness, designated Industrial Panel Filter, Industrial Panel -PF, Industrial Panel P-PF, Strata P-PF, Heavy Duty, Heavy Duty P, Heavy Duty PF, Strata P, Strata Poly, Heavy Duty XM.

Throw-away, adhesive coated air filter units, 4 in. maximum thickness, “Amer-Seal Type FS”.

Throw-away, dry-type air filter pads or rolls, Type P-7, 7/8 in. maximum thickness.

Type P-9HC, 2 in. maximum thickness.

“Sure-Stop P-6S”, 11/8 in. maximum thickness.

Type DFS, 1/16 in. thickness.

Models AMAIR C-E, AM-Air C/Plus, AmAir/C+ SaafOxi, AmAir SaafOxi.

Throw-away, adhesive coated air filter unit, “5700 Disposable Panel Filter”, 1- and 2-in. thickness.

Throw-away, adhesive coated or dry-type air filter unit pads, when used in devices providing noncombustible support and air velocities not less than 200 ft per min at upstream face, Model P-1, 1-in. thickness; Model P-2 or P-7, 2-in. thickness; Model P-3, 1/2-in. thickness; Model P-4, 1/4-in. thickness; Model P-5, 3-3/4-in. thickness; Model P-8, 3 in. thickness. Model number may be followed by an additional suffix number.

Throw-away, adhesive coated air filter unit, 2 in. maximum thickness, “FRONTLINE Blue XL”.

Throw-away, adhesive coated roll media, “Roll-O-MAT Blue,” “Roll-O-MAT Blue with Scrim,” “Roll-O-MAT Gold with Scrim,” “Roll-O-MAT Gold,” 2-in. thickness, “Roll-O-MAT Blue with Scrim,” 1 in. thickness, “Roll-O-MAT Green,” 1/2 and 1 in. thickness.

Throw-away, dry type air filter pads or roll media, 3-3/4 in. maximum thickness, designated STRATA MEDIA or Strata Density.

Throw-away, dry type air filter units, “DRI-PAK Series 40 percent, 50 percent, 60 percent, 80 percent and 90 percent,” maximum depth 37 in.

“DRI-PAK HS 40 percent”, “DRI-PAK HS 60 percent”, “DRI-PAK HS 80 percent”, “DRI-PAK HS 90 percent” maximum depth 37 in.

Throw-away, dry type, extended area air filter unit, “DRI-PAK SS 90 percent”, maximum depth 26 in.

Throw-away, dry type, extended area air filter unit, “DRIPAK 2000”, maximum depth 30 in.

Throw-away, dry type extended air filter unit, “RIGI FIL”.

Throw-away, adhesive coated air filter units, “2530 DRI-PAK,” maximum depth 30 in.

Throw-away, dry-type air filter units, maximum depth 12 in., “Varicel 60-65 percent, 80-85 percent, 90-95 percent,” “Varicel Type DH 60-65 percent, 80-85 percent, 90-95 percent,” “Varicel Type NH 60-65 percent, 80-85 percent, 90-95 percent,” and “Varicel Type HT 60-65 percent, 90-95 percent,” “Varicel XL 60-65 percent, 90-95 percent”, “Varicel HT-900, 60-65 percent”, “Varicel C 60-65 percent, 80-85 percent, 90-95 percent”.

Throw-away, dry-type air filter units, “Duracel RM-60”, “Duracel RM-90”, maximum depth 12 in.

“DuraCel XL-60”, “DuraCel XL-90”, maximum depth 12 in.

Throw-away, dry-type air filter units, “Varicel II”, “Varicel II-SA”, “Varicel II-MH”, “Varicel II-HT”, “Varicel II-M”.

Automatic self cleaning air filter, Model A or B with BA Viscosine adhesive supplied by this manufacturer.

When using the proper adhesive and a break glass sprinkler provided with a releasing mechanism embodying two or more Listed fusible links, one installed at the top and one at the bottom section in a cable suspended in the discharge openings. Where excess heights of the discharge openings are encountered, additional links are installed at 3-ft intervals. Sprinkler and its attendant releasing mechanism supplied and installed by manufacturer of the filters.

Water supplies, piping, etc. for the sprinkler protection to comply with requirements given in Pamphlet No. 13 Standards of the National Fire Protection Association for the Installation of Sprinkler System. Inspection authorities having jurisdiction should be consulted regarding sprinkler connections, with water supplies.

Throw-away dry type air filter units, “Biocel,” maximum depth 12 in.

“Astrocel I”, “Astrocel I HCX”, maximum depth 11-1/2 in.

Celebrity 1000, maximum depth 11-1/2 in.

“Astrocel TM”, maximum depth 4 in.

“Astrocel II”, “MEGAcel”, maximum depth 11-1/2 in. (4 in. maximum media pack).

Throw-away, adhesive coated pocket type air filter units, “Flex-Pak (CA Series),” maximum depth 15 in.

Throw-away, dry-type automatic roll filter and bulk pad and roll air filter units, “Roll-O-MAT Red”, “FRONTLINE Red”, 1/2 in. to 2 in. thickness.

Electrically operated roll-away type air filter units, Roll-O-Matic Type H, Model J. Utilize throw-away type adhesive coated “Roll-O-MAT” media, 2-in. thickness.

Throw-away, adhesive coated air filter unit, “Amer-Pak 1 Ply,” 15 in. maximum depth.

Throw-away, dry type filter units, Model AMER-Seal Type SS-100, Type SS-200 and Type SS-300, 2 in. maximum thickness.

Throw-away, adhesive coated air filter unit, “Amer-Seal Type SS,” 2 in. thickness.

Throw-away, dry-type air filter unit, Model AM-AIR HT, in 2 in. and 4 in. thickness.

Throw-away, dry-type air filter pads, Model “AMER-Seal Slip-on”, 2 in. thickness.

Throw-away, dry-type air filter units, Model TX-2, 9-1/4 in. maximum thickness.

Model TX-4, 11-1/2 in. maximum thickness.

Throw-away, dry-type filter units, Model Sure Flow or Sure Flow Supreme media, pads or rolls (alternate designation 347-XXX-XXX), 5/8 in. maximum thickness.

Model Sure-Flow Ring Panel Filter (alternate designation 348-000-XXX), 5/8 in. maximum thickness.

Model AM-AIR 301, 4 in. maximum thickness.



Filter Units, Air (AJZV)–Continued

Throw-away, dry-type or adhesive coated pads or rolls, 2 in. maximum thickness “FRONTLINE Gold”, “FRONTLINE Blue Type FG” or “FRONTLINE Green Type FG”.

Washable, dry-type air filter pads, “Latex Coated Natural Fiber Cut-N-Fit” up to 2 in. thick.

Washable, dry-type air filter units, 1/2 in. “Permanent Aluminum Air Filter”; 1 & 2 in. “Permanent Aluminum Air Filter”.

Throw-away, dry type, extended area air filter units designated, “CleanAir”, “Dirt Demon”, “Perfect Pleat PF”, 4 in. maximum thickness.

Throw-away, adhesive coated roll media designated “Roll-o-Mat Green with Scrim”, 1 in. maximum thickness.

Throw-away, adhesive coated air filter units, “Value Line Air Filter”, 2 in. maximum thickness.

Throw-away, dry-type air filter units, designated “Flex-Pak 50, 80 90 (FA Series)” maximum depth 24 in., “Flex-Pak 30 (FA Series)” maximum depth 12 in.

3/8, 1/2 in. thickness “Range Hood Carbon Filter”.

“Tobacco Media”, 1 in. maximum depth.

Throw-away, dry type air filter pads or rolls, “Am-Air/CP-3,” 1-1-2 in. thickness.

Throw-away, dry-type air filter units, “Bandor,” 2 in. thickness.

Throw-away air filter units, Sure-Stop P-7, P-9HC 2 in. thickness or less, dry type.

Throw-away, dry-type air filter pads and roll media, Sure-Stop P-6S, -P-6DS, -PBF-P, 4 in. maximum thickness.

2 in. maximum thickness, PolyKlean Gold, PolyKlean Green.

Designated “Register Return Vent Filter” in 1/4 in. depth.

Dry-type, throw-away air filter pads or roll media, maximum 2 in. thickness, Designated “CUT-N-FIT”.

Throw-away, dry-type air filter units, designated “Varicel V-70, -80, -95”, “Varicel V MERV-15”, “Varicel V-XL-60, -80, -90”, Varicel MERV-15, Biocel VXL, “Varicel V-XLS”, Varicel V2, maximum depth, 12 in.

Throw-away, dry-type air filter units, designated “Varisorb XL”, maximum depth, 11-1/2 in.

Throw-away, dry-type air filter unit, designated “VaricelVS-1”, maximum depth, 12 in.

Designated “DuraVee MERV-15”, “DuraVee 90 percent”, “DuraVee 60 percent”, “DuraVee MERV 15”, maximum depth 12 in.

Designated “Astro V”, maximum depth 11-1/2 in.

Washable, dry-type air filter pads or rolls, 1 in. thickness, identified as “Latex Coated Natural Fiber Cut-N-Fit”.

Throw-away, extended area, dry-type air filter units, “DRI-PAK 2000”, maximum depth 36 in.

“DRI-PAK 2000”, “DRI-PAK 25”, maximum depth 27-1/2 in.

Throw-away, dry-type air filter units, “Air Demon”, maximum depth 1 in.

“AmAir 1300”, maximum depth 4 in.

“Micro Klean”, maximum depth 1 in.

“Breatheright Dust and Pollen Barrier”, “Dirt Demon Ultra”, maximum depth 1 in.

“AmerSeal Cube”, maximum depth 20 in.

Carbonweb RP CW-300, 2 in.

“BreatheRight Allergen Barrier Filter”, maximum depth 1 in.

“Air Demon Allergen Shield”, “AmAir 1100”, Biobox, maximum depth 4-3/8 in.

Washable, dry-type air filter units, “Rigid Frame ElectroKlean”, “Adjustable Frame ElectroKlean”, maximum depth 2 in.

Throw-away, dry-type air filter units, “SureStep 319 Plus”, maximum depth 20 in.

Throw-away, dry-type air filter units, “AMER-Seal Green 2-Ply”, “AMER-Seal Blue 3-Ply”, “AMER-Seal Gold 4-Ply”, maximum thickness 1-5/8 in.

Throw-away dry-type air filter units, “Dirt Demon Dust Shield”, “Dirt Demon Ultra Shield”, “Perfect Pleat PG”, maximum depth 1 in.

Throw-away, dry-type air filter units, maximum depth 6 in. “Varicel M-Pak”, “Biocel M-Pak”.

Throw-away, adhesive coated roll media, designated “Hammock Media”, 1 in. nominal thickness.

Throw-away dry type air filter units, “Astro-Pak” maximum depth 11-1/2 in.

Throw-away dry type air filter units, Varicel RFC, Varicel RFC Plus, VariCel RFC + SaafOxi, 11-3/8 in. maximum depth.

Throw-away, dry-type roll media or self supporting panel, SureFlow F60.

Throw-away air filter units, 3 in. thickness, “RP Water Panel Evaporator”, dry type; 6 in. thickness, replaceable air filter media designated 382-900-201, 382-900-401.

Replaceable medium, dry-type, designated “SAAFCarb”, “SAAFOXidant”, “SAAFOXidant-c”, “SAAFCarb MA”, “SAAFCarb MB”, “SAAFCarb MC”, “SAAFCarbMA-HT”, “SAAFOXidant SC”.

Replaceable medium, dry type air filter units, designated “SAAF Medium Duty Cassette”, “SAAF Heavy Duty Cassette”, “SAAF Commercial Grade Cassette”.

Throw-away dry type air filter units, “Astrocel III”, maximum depth 12 in.

Throw-away dry type air filter unit, “Megacel II”, maximum depth 6 in.

Throw-away dry type air filter unit, designated “Megacel I”, maximum depth 12 in.

Throw-away, dry-type air filter pads or roll media, designated PA10, PA12, PA15, PA18, PA22, PBR, HEAVY PBR, 10 DBL SKIN, 6VA, 6VA30, 6VA31, 6VA41, 6PB28, 6PB33, maximum depth 2-1/2 in.

Throw-away, dry-type air filter pads or roll media, designated 6VA36, maximum depth 3 in.

Designated 2 in. thickness, Class 2, P-50D, P50T, P100D, P-100T, P-200D2, P-200V2, 1/2” PolyKlean Blue, 1” PolyKlean Blue.

ABATEMENT TECHNOLOGIES INC

R15747

SUITE 300 605 SATELLITE BLVD, SUWANEE GA 30024

Throw-away dry type air filter units, 1, 2, 4 in. thickness, HC1802.

Throw-away, dry type air filter units, maximum depth 11-1/2 in., H2520-99, H603, H2010HCS.

Throw-away, dry-type air filter units, Maximum depth 11-1/2 in (4 in. max. media pack), H2510-99, HC1818-99, -99G, HC1836-99, -99G.

Throw-away, dry-type air filter units, maximum depth 11-1/2 in., H1010ES, H1910ES, H2010E, H2010ES, H603, Class 2.

Throw-away, dry-type air filter units, “Ring Panel Prefilter”, 2 in. maximum thickness, Class 2.

Throw-away, dry-type air filter units, designated “HEPA Filter” followed by Series 65, 85, or 95, 12 in. maximum depth, Class 1 or 2.

Throw-away, extended area, dry type air filter units, Model H105UVR, maximum depth 12 in. thickness Class 2.

Throw-away, extended area, dry type air filter unit, H8518B, maximum depth 36 in., Class 2.

Dry-type, throw-away, extended area air filter units, “Pleated Bag Filter” (6 pocket), maximum depth 29 in., Class 2.

Dry-type, throw-away, extended area air filter units, “Pleated Bag Filter” (12 pocket), maximum depth 15 in., Class 2.

Throw-away, extended areas, dry type air filter units, H8518B, -8520B, -8524B max depth 36 in. Class 2.

Throw-away adhesive-coated or dry type air filter unit, 1/2, 1, 2 in. thickness H601, Class 2.

Throw-away dry type air filter units, H105-105B-602, HC1802-12, -1804-12C, max. 12 in. depth Class 1 or 2.

Throw-away, dry type air filter pads, H1003, -1903, -2003, 1 and 2 in. thickness Class 2.

Throw-away dry type filter units, H602, HC1802-12, 2 in. max. thickness, Class 2.

Throw-away, dry type filter extended surface air filter unit, HVF2-911, -904 max. depth of 14 in. Class 1 or 2.

Throw-away, dry type extended surface air filter units, H603-M, H2424, H1010-ES, -1910-ES, -2010-ES, -2010-HCS, -2418-99, HC1818-99, -1836-99, 6 in. and 12 in. depth Class 1 or 2.

Throw-away, cylindrical air filter unit, H610C-99 max. depth 12 in., Class 2.

Pleated dry-type air filter units, Vapor-lock odor absorbing filter VL602.



2012
PART I - HEATING, COOLING, VENTILATING AND COOKING EQUIPMENT

30

AIR CONDITIONING SYSTEMS (AIXZ)

Filter Units, Air (AJZV)–Continued

Throw-away, dry-type air filter pads or rolls, VL Series 3/8 in. thickness, Class 2.
Throw-away, dry type air filter units, 10 in. max depth, Models H242406-99, H161606-99, H242406DG2, H610C-99, H1210C-99, H610C-99U, H1210C-99U, H2520-99, Class 1 and 2.
Throw-away, dry type air filter unit, designated Absolute “H2418-99 Series”, 12 in. maximum thickness, Class 1 and 2.
Throw-away, dry type air filter unit, designated H4520-99 12 in. maximum depth, Class 2.
Replaceable media, dry-type, extended area type air filter units, H2255-4, H8520BX-4, H8518BX-4, H8516BX-4, Type 2, maximum depth to 37 in.
Throw-away, dry-type air filter units, Types H502-6, H1902-12, H2002-12, H502UVR-6, H1624-12, AT1620-6, maximum 4 in. thick.
Throw-away, dry-type filter units, Models H105-3, H105UVR-3, H055-3, H055UVR-3, maximum thickness 5 in.

ADS LAMINAIRE **R26375**
35-37 RUE BAUDIN 93315, PRE ST GERVAIS CEDEX FRANCE
Dry-type, throw-away air filter unit, designated DH followed by 10, 12, 13 or 14, followed by 25, 36, 55 or 66, followed by G or X, followed by 0, 1 or 2, followed by FIRE, maximum depth 11-1/2 in.
Dry-type, throw-away air filter unit, designated FPR followed by 06, 07, 08, 09, followed by 363, 463 or 663, followed by UL, maximum depth 11-1/2 in.

ADVANCED FILTRATION CONCEPTS INC **R25086**
7111 TELEGRAPH RD, MONTEBELLO CA 90640
Throw-away, dry-type air filter units, designated Models F5, F5S, F6 and F6S, maximum 26 in. thickness, Class 2.

AEOLUS FILTER CORP **R19110**
2601 GREENGATE DR, GREENSBORO NC 27406
Dry-type, pleated air filter unit, “V-Cell Rigid Box Filter”, 12 in. max depth, Class 2.
Dry-type, pleated air filter unit, “Synthetic Minipleat V-Cell Filter”, 12 in. max depth, Class 2.
Dry-type, pleated air filter unit, “Synthetic Ultra Sonic Seal Bag Filter”, 36 in. max depth, Class 2.
Dry-type, pleated air filter unit, “Synthetic Mini Pleat Panel Filter”, 2-1/16 in. max depth, Class 2, “Synthetic Mini Pleat Panel Filter”, 4 in. max depth, Class 1.

AEROPRO FILTER IND (SHANGHAI) CO LTD **R26220**
2258 SHUANGHE RD DIANSHANHU TOWN, KUNSHAN,
JIANGSU 215345 CHINA
Throw-away, dry-type air filter unit, designated “MERV 12 Cardboard Filter”, maximum 4 in. depth, Class 2.

AIR FLOW PRODUCTS CO INC **R16689**
100 OAK TREE DR, SELMA NC 27576
Dry-type, pleated air filter unit, Type “Air Flow V”, 12 in. max depth, Class 2.
Type AFMP, 4 in. max depth Class 1 and 2.

AIR FLOW PRODUCTS CO INC **R20958**
100 OAK TREE DR, SELMA NC 27576
Throw-away, dry-type air filter unit, designated AFMP, maximum depth 4 in.
Throw-away, dry-type air filter units, designated AFP1000, AFP2000, AFP3000, maximum depth 5 in.
Throw-away, dry-type air filter units, designated AFP50S, AFP65S, AFP85S. AFP95S, Airflow Pak 50%, Airflow Pak 65%, Airflow Pak 85%, Airflow Pak 95%, maximum depth 12 in.
Throw-away, dry-type air filter unit, designated AFB may be followed by additional suffixes, maximum depth 36 in.
Throw-away, dry-type air filter units, designated 100P, 200P, 300P, maximum depth 1 in.

AIR RELIEF TECHNOLOGIES INC **R25078**
5757 E ROSEDALE ST, FORT WORTH TX 76112
Throw-away, dry-type air filter units, designated “MERV 6”, maximum 2 in. thickness, Class 2.
Throw-away, dry-type air filter units, designated “MERV 7”, maximum 2 in. thickness, Class 2.
Throw-away, dry-type air filter units, designated “MERV 8”, maximum 2 in. thickness, Class 2.
Throw-away, dry-type air filter units, designated “MERV 11”, maximum 2 in. thickness, Class 2.
Throw-away, dry-type air filter units, designated “Polyester”, maximum 1 in. thickness, Class 2.

AIRCON FILTER MFG CO INC **R4294**
441 GREEN ST, PHILADELPHIA PA 19123
Washable, dry-type, air filter units, 2 in. max. thickness, Model A-5, Class 2.
Washable, dry-type, air filter units, 2 in. max. thickness, Model A-6, Class 1.
Throw-away, dry-type air filter units, 2 and 4 in. thick, Model “104”, Class 2.
Throw-away, dry-type air filter units, Model AMP (may be suffixed with the number 1, 2 or 4), maximum thickness 4 in., Class 1.

AIREX CORP **R8421**
14 CLEMENT RD, HUDSON NH 03051
Throw-away, dry type air filter units, maximum 2 in. thick, designated as Model “MD Foam”.
Throw-away, dry type air filter units, maximum 2 in. thick, designated as Model “Super X”.
Throw-away, dry type air filter units, maximum 4 in. thick, designated as “PM”.

AIRIA BRANDS INC **R25994**
511 MCCORMICK BLVD, LONDON, ON N5W 4C8 CANADA
Dry-type, throw-away air filter unit, “ERV Core”, maximum depth 16-1/2 in.

AKIMOTO KOUGYOU CO LTD **R10405**
700 OTSU, AZA-SYOJYOSHIMIZU MIYAKO, KUMAGURA-
MACHI, KITAKATA-SHI, FUKUSHIMA-KEN 966-0021 JAPAN



Documents
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Filter Units, Air (AJZV)–Continued

Dry-type, throw-away or washable air filter units, Types “AF”, “AG”, maximum thickness 2 in. (50 mm), Class 2.

ALLIED AIR ENTERPRISES INC **R27294**
215 METROPOLITAN DR, WEST COLUMBIA SC 29170
Throw-away, dry-type air filter units, Complete Comfort MERV 10 and MERV 13, 6 in. maximum thickness.

AMERICAN METAL FILTER CO **R12188**
611 MARSAT CT, CHULA VISTA CA 91911
Washable, dry-type air filter units, designated “TYPE AM” Model “HIA”, “HIG” or “HIS”, 2 in. maximum thickness, Class 1.
Washable, dry-type air filter units, designated (1) “TYPE AM” Model “HEA”, “HIA”, “HIG” or “HIS”; (2) “TYPE AMF” Model “HFA” and (3) “TYPE ESA” Model “EIA”, “EIN”, “E1P” or “E1S”, 2 in. maximum thickness, Class 2.

ARMA FILTRE SISTEMLERI SANAYI VE TICARET A S **R21183**
I ORGANIZE SANAYI BOLGESI HANLI 54060,
ADAPAZARI TURKEY
Washable dry-type air filter unit, Designated AFM-1, 3/8 in. maximum depth, Class 2.

ASTRO AIR FILTER INC **R8066**
5936 DON WAY P O BOX 451, CARMICHAEL CA 95608
Washable dry-type air filter units, “Electro Maze L Series”, “Electro-Maze Series MLF”, “Electro-Maze Series ESF”, “Electro-Maze Series MLM” and “Electro-Maze Series ESM” maximum of 2 in. thickness.

B & B TECHNOLOGY INC **R16088**
8282 WARREN RD, HOUSTON TX 77040
Dry-type, throw-away air filter units designated as “Astro-Pleat”, maximum thickness of 4 in.

BEST SPA **R20753**
VIA G VERDI 34 60043, CERRETO D'ESI, AN ITALY
Dry-type air filter unit for use in kitchen range hood, Type D190, 43 mm maximum thickness.

BIOCLIMATIC AIR SYSTEMS **R20513**
600 DELRAN PKY, DELRAN NJ 08075
Gas filtration air filter unit, designated BS-100, BS-137, maximum thickness 1-1/4 in., Class 1 or 2.
Gas filtration air filter unit, designated BS-200, maximum thickness 4 in., Class 1 or 2.
Gas filtration air filter unit, designated BS-135, BC-200, maximum thickness 1-1/4 in., Class 2.

BLOCKSOM & CO **R4548**
420 E 5TH ST, MICHIGAN CITY IN 46360
Washable, dry type air filter pads, “Paratex” or “PAR,” with optional 2 digit suffix up to 1 in. thick.

BONDED FIBERS MIDWEST INC **R25332**
1450 RACINE ST P O BOX 332, DELAVAN WI 53115
Dry-type, replaceable roll media, designated “HSNT”, “HSST”, “NHLT”, “NHNT”, Class 2.

BRIDGESTONE CORP **R8225**
10-1 KYOBASHI 1-CHOME CHUO-KU, TOKYO 104-0031 JAPAN
Frameless or framed, dry-type air filter units, washable or throw-away, Type HR, up to 50 mm thick, Class 2.

BROAN-NUTONE L L C **R10797**
926 W STATE ST PO BOX 140, HARTFORD WI 53027
Throw-away, dry-type, air filter units, Type “SF-1”, maximum thickness 7/16 in.
Throw-away, dry-type, air filter units, Type “SF-2”, maximum thickness 3/8 in.
Throw-away, dry-type, air filter units, Type “SF-3”, maximum thickness 1 3/8 in., and Type “SF-4”, maximum thickness 1 7/8 in.

BURNETT PROCESS INC **R13239**
545 COLFAX ST, ROCHESTER NY 14606
Throw-away, dry-type air filter unit, “7170 HEPA Filter”, maximum 4 in. thickness, Class 2.

CALGON CARBON CORP **R26935**
835 N CASSADY AVE, COLUMBUS OH 43219
Dry-type, throw-away air filter unit, “BSC”, may be followed by additional numerical suffix, maximum depth of 17-1/4.

CAMBRIDGE FILTER JAPAN LTD **R8247**
SHIBUYA CROSS TOWER 26TH FL SHIBUYA-
KU, TOKYO 150-0002 JAPAN
Throw away, dry-type air filter units, Absolute Series 1D, 1EA, 1EE, 1EU, 1LD, 1LEA, 1LEE, 1LEU or 1LH, 7EA, 7EE, 7EU maximum depth 12 in.
Throw away, dry-type air filter units, Absolute II Series 2D, 2LD, maximum depth 12 in.
Throw-away, dry-type air filter units, “CP-6”, “CP-EA-6”, “CP-EU-6”, “CP-EAKT-6”, “CP-EUKT-6”, “CPH-EA-6”, “CPH(EE)-6”, “CPH(EAKT)-6”, “CPH(EUKT)-6”, “CPH(EEKT)-6”, “CP-9”.
Throw-away, dry-type air filters, designated “1T”.
Throw-away, dry-type air filters, designated “1D”, “1EA”, “1EU”, “1EAKT”, “1EUKT”, “1LD”, “1LEA”, “1LEUK”, “1LEAKT”.
Throw-away, dry-type air filters, designated “2D”, “2LD”, “2EA”, “2EU”, “2EAKT”, “2EUKT”, “2LEA”, “2LEU”, “2LEAKT”, “2LEUKT”.
Throw-away dry-type air filters, designated “7D”, “7EA”, “7EU”, “7EAKT”, “7EUKT”, “7LD”, “7LEA”, “7LEU”, “7LEAKT”, “7LEUKT”.

Filter Units, Air (AJZV)–Continued

Throw away, dry-type air filter units, Absolute Series 1EA, 1LEA, Absolute II Series 2EA, 2EE, 2LEA, 2LEE maximum depth 12 in.
Throw away, dry-type air filter units, Absolute Series 7EA, 7LEA, maximum depth 11-3/4 in.
Throw away, dry-type air filter units, "Aeropac Models 3CP-60, -90, -95," maximum depth of 11-1/2 in.
Throw away, dry-type frameless filter, Model 1P-X or 7P-X Series.
Throw-away, dry-type air filter units, "CP Aerosolve Models 6T, 9T", maximum depth 2.80 in.
Throw-away, dry-type air filter units, "Absolute Models 1T, 2T", maximum depth 2.80 in. (71 mm).
Throw-away, dry-type air filter units, "GA or GB Series PTFE GIGA Filter", maximum depth 2.8 in. (71 mm).
Throw-away, dry-type air filter units, "GG1T", "GG2T", "GM1T", "GM2T", maximum depth 2.6 in.
Replaceable media, dry-type, extended are air filter units, "NEO-FLO" or "HI-FLO-65, -85, -95 Filter, Type 2", maximum depth 37 in.
Throw-away, dry-type air filter units, "Aero-Answer Pack", maximum depth 4.5 in.
Throw-away, dry-type air filter units, "Absolute Models 1TR, 2TR", maximum depth 5.125 in. (71 mm).
Throw-away, dry-type pocket air filter units, "Turbo-Flo T3S", maximum depth 36 in. (914 mm).
Throw-away, dry-type pocket air filter units, "1FU", "1LFU", "1FE", "1LFE", "HT1F" and "HT7F", maximum depth 12 in. (305 mm).
Throw-away, dry-type pocket air filter units, "GM1EA", "GM2EA", "GM1LEA", maximum depth 11.5 in. (292 mm).
Throw-away, dry-type pocket air filter units, "GG1EA", "GG2EA", "GG1LEA", maximum depth 11.5 in. (292 mm).

CAMBRIDGE FILTER KOREA LTD

R15360

17-1 BLK OCHANG SCIENCE INDUST COMPLEX 654-6 GAK-RI
 OCHANG-MYEON, CHEONG-GUN, CHUNG BUK 363-
 883 REPUBLIC OF KOREA

Throw-away, dry-type air filter units, "1D, 1EA, 1LD, 1LEA, 2 LEA", max media depth 267 mm, Class 2.
Throw-away, dry-type air filter units, "3HCP-65, 3HCP-95", max media depth 267 mm, Class 2.
Throw-away, dry-type air filter units, "3HCP-65, 3HCP-85, 3HCP-95", max media depth 305 mm, Class 1.
Throw-away, dry-type air filter units, "1D", "1EA", "1LD", "1LEA", "2LEA", max media depth 170 mm, Class 1.
Throw-away, dry-type air filter units, "IFU Series, IHFU Series", max depth 150 mm, Class 2.
Throw-away, dry-type air filter units, "CP-9, CP-9A", max depth 292 mm, Class 2.
Throw-away, dry-type air filter units, "Absolute Model 1T", max depth 55 mm, Class 2; "Absolute Model 2T", max depth 88 mm, Class 2.
Throw-away, dry-type air filter units designated, "6T, 6TH, 9T, 9TH", max. media depth 51 mm, Class 2.
Throw-away, dry-type extended surface pocket air filter units, "HV", max depth 760 mm, Class 2.

CAMERON GREAT LAKES INC

R19190

1755 HUBBARD AVE, BATAVIA IL 60510
Dry type air filter units, designated MRM12, Class 1.

CAMFIL AB

R13858

SVEAVAGEN 56E SE-111 34, STOCKHOLM SWEDEN

Dry-type, throw-away, extended area air-filter units, designated "Hi-Flo", may be followed by (1) (a) A,B,C,M,N,O,P,Q,R,X,Y,Z,T-M,TN,TO,UF,UG, UH, AL, BL, CL, ML, NL, OL, PL, QL, RL, UFL, UG or UHL and (b) 5,6,7,8, 9 or (2) "HFGS-AA-BBBB/CCCC/DDDD-EE-FF-GGG" where: AA signifies the filter class, BBBB signifies the width, CCCC the height and DDDD the length, all in millimeters. EE signifies the number of pockets, FF the frame size and GGG signifies extra description. HF is the abbreviation of Hi Flo. G signifies glass media and S signifies steel frame; maximum depth of 36 in.

Dry-type, throw-away, extended area air-filter units, designated "S-Flo", may be followed by (1) (a) A,B,C,M,N,O,P,Q,R,X,Y,Z,T-M,TN,TO,UF,UG, UH, AL, BL, CL, ML, NL, OL, PL, QL, RL, UFL, UG or UHL and (b) 5,6,7,8 or 9 or (2) "SFSS-AA-BBBB/CCCC/DDDD-EE-FF-GGG" where: AA signifies the filter class, BBBB signifies the width, CCCC the height and DDDD the length, all in millimeters. EE signifies the number of pockets, FF the frame size and GGG signifies extra description. SF is the abbreviation of S Flo. First "S" signifies synthetic media and second "S" signifies steel frame; maximum depth of 1016 mm (40 in.) and 16 pockets.

Dry-type, throw-away, extended area air-filter units, designated "Cam-Flo", may be followed by (1) (a) A,B,C,M,N,O,P,Q,R,X,Y,Z,T-M,TN,TO,UF,UG, UH, AL, BL, CL, ML, NL, OL, PL, QL, RL, UFL, UG or UHL and (b) 5,6,7,8 or 9 or (2) "CFSS-AA-BBBB/CCCC/DDDD-EE-FF-GGG" where: AA signifies the filter class, BBBB signifies the width, CCCC the height and DDDD the length, all in millimeters. EE signifies the number of pockets, FF the frame size and GGG signifies extra description. CF is the abbreviation of Cam Flo. First "S" signifies synthetic media and second "S" signifies steel frame; maximum depth of 1016 mm (40in).

CAMFIL FARR FILTRATION (KUNSHAN) CO LTD

R27460

NO.99 JINSHAJIANG RD KUNSHAN DEVELOPMENT ZONE,
 KUNSHAN, JIANGSU 215335 CHINA

Dry-type, throw-away air filter units, "30/30", maximum depth of 4 in. (102mm).

CAMFIL FARR

R14563

1 N CORPORATE DR, RIVERDALE NJ 07457

Throw-away, dry type air filter units, 11-1/2 in. max depth, Model Durafil, Series DU2V-1511, followed by -11, -21, -51, -MV11, -MV13, -MV14 or -MV16; Series DU-4V, followed by -11, -21, -31, -51, -MV11, -MV13, -MV14 or -MV16.

Throw-away, dry type air filter unit, 11-1/2 in. max depth, Model Durafil 2V, Durafil 4V.

Throw-away, dry type air filter units, 12-5/16 in. max depth, Model Durafil ES.

Throw-away, dry type air filter units, 12-5/16 in. max depth, Model Durafil ESB.

Throw-away, dry type air filter units, 10 in. max depth, Models Megalam Panel Filter, Megalam Terminal Diffuser, Slimline Series 41 Ducted Ceiling Module.

Throw-away, dry type air filter media pads, designated "CDM6001", "CDM600/2" 3/4 in. maximum thickness.

Throw-away, dry type air filter units, designated Absolute "E-Series", "L-Series" 12 in. maximum thickness.

Throw-away, dry type air filter unit, designated Absolute "X-Series" and "F-Series", 12 in. maximum thickness.

Throw-away, dry type air filter units, designated Absolute "K-Series", 12 in. maximum thickness.

Throw-away, dry type air filter media pads, designated "CDM6001", "CDM600/2" 3/4 in. maximum thickness.

Throw-away, dry type air filter unit, designated Filtra 2000 12 in. maximum depth.

Throw-away, dry-type air filter units, designated Absolute Series, 1P, 7P or DDF Series or OEM Series 11-1/2 in. maximum depth.

Throw-away, dry-type air filter units, designated Cleanroom Panel Filter, maximum 4-1/2 in. thickness.

Throw-away, dry-type air filter units, designated Camfil France Panel Filter, maximum 4 in. thickness.

Throw-away, dry-type air filter units, designated SOFILAIR HT Filter, maximum 12 in. thickness.

Throw-away, dry-type air filter units, designated OPAKFIL HT Filter, maximum 11-1/2 in. thickness.

Throw-away, dry-type air filter units, designated TERMIKFIL, maximum 4 in. thickness:...

Filter Units, Air (AJZV)-Continued

Throw-away, dry-type air filter unit, designated Campure GDM-440, maximum 17.25 in. depth.

CAMFIL FARR

R3632

1 N CORPORATE DR, RIVERDALE NJ 07457

Replaceable media, dry-type air filter units, Rigid Aerosolve, Models 45, 85, 95.

Throw-away, dry-type air filter units "ABSOLUTE Series 1 E, 1 F, 1E T, 10 E, 1 H, 1 HT, 1 L, 1 LT, 12 L or 12 LT."

"Micretain 7 D, 7 E, 7 F, 7 H or 7 HT, 7 L or 7 LT," maximum depth 12 in.

Replaceable media, adhesive coated, extended area type air filter units, HI-CAP Model 5HC and Equi-Cap Model 5HCO, maximum depth 15-in.

Replaceable media, adhesive coated, 2 in. thick "Superior" 2 in. Machine Rolled Filter Media".

Replaceable media, dry-type air filter units, HI-FLO-50, -65, -85, -95, Type 1, maximum depth to 37 in.

Replaceable media, dry-type air filter units, HI-FLO-50, -65, 85, -95, Type 2, maximum depth to 37 in.

Replaceable media, dry-type air filter unit, HI-FLO-40, maximum depth to 21 in.

Replaceable media, dry-type, extended area type air filter units, "S-FLO 95", -85, -65, -45", "HI-FLO Aerosolve P95, -P85, -P65, -P45", Type 2, maximum depth to 37 in.

Adhesive coated, throw-away air filter units, "5 D/H Pre-filter" in thicknesses of 1/2, 1, 2 in.

Throw-away, dry-type air filter units, "Aeropac Models 3 CP, 3 HCP, 3CPM, 3CPM HF, 3CPM 2HF or 3DHCP-65, -85, -95" maximum depth of 12 in.

Throw-away, dry-type air filter units, "Aeropac Models 3CP, -3HCP, 3CPM, 3CPM HF, 3CPM 2HF or 3DHCP-65, -85, -95," maximum depth of 11 1/2 in.

Throw-away, dry-type air filter units, "Absolute Series 1P, Micretain Series 7P, 1 Z or 1 ZT".

"Model 1P or 7P Series with or without pre-filter pads", "Model 1P/7P series", or "Absolute, Series 1P/7P", maximum depth to 11 1/2 in.

Throw-away, dry-type, extended area air filter units, "Gold Seal Absolute, Models 13 X and 13 XT", "Silver Seal Absolute, Models 12 X and 12 XT", "Absolute, Models 1 X and 1 XT", "Micretain, Models 7X and 7XT", 12 in. maximum depth.

Throw-away, dry-type, extended area air filter unit, "Absolute Model 1X1", "Absolute Model 1X1T", "Silver Seal Absolute Model 12X1", "Silver Seal Absolute Model 12X1T", 12 in. maximum depth.

Throw-away, dry-type, extended surface air filter units, "Down-Flo Module", "Cam-Ceil", "CAM 1" or "CAM-1 Plus", 6 in. maximum pack depth, 12 1/2 in. maximum frame depth.

Throw-away, dry type, extended surface air filter units, "Gold Seal Thinline Absolute, Model 13TL", "Silver Seal Thinline Absolute, Model 12TL", "Thinline Absolute, Model 1TL", "4 in. maximum depth.

Throw-away dry type, extended surface air filter units, "Thinline Absolute", (1-13/16 in. pleat pack) 4 in. max depth.

Replaceable media, adhesive coated, in pads or rolls, 1/2, 1, and 2 in. in thickness. Model DM.

Throw-away adhesive coated air filter units, "5 D/H pre-filter" in thickness of 1/2 1 and 2 in.

Throw-away, dry-type, air filter units, designated "BPX", "CMP", "CPX", "CPXRG", "TL", 4-1/4 in. max depth.

Throw-away, dry-type air filter units, "Turbopac -65, -85, -95", maximum depth of 12 in.

Throw-away, dry-type air filter units, "Airopac", maximum depth of 12 in.

Throw-away, dry-type, extended area air filter unit, "Hi-Flo ES", maximum depth of 30 in.

Washable type unit filters, 2-in. Type "44C-1 Filter", dry type, 1- and 2-in. thickness.

Replaceable media, adhesive coated unit filter, Type "HP-2A" and "HP-MV8". May have a dry type metal unit as a pre-filter.

Replaceable media, dry-type unit filters, Type "HP-15".

Replaceable media, dry-type unit filters, Types "HP-100", "HP-200", "HP-X/L", "HP-MV9", "HP-MV11", "HP-MV13", "HP-MV14", "HPP-MV11", "HPP-MV13" and "HPP-MV14". May have a dry-type metal unit as a pre-filter.

Washable media, dry-type unit filters, Type "F/S", in 1/2-, 1- and 2- in. thickness.

Throw-away, dry-type unit filters, "Aeropleat IV", "Aeropleat IV+", "AP-Eleven", "AP-Thirteen", "Type 20/20", "Type 30/30", "Type 30/30 SA", 1, 2 or 4 in. thickness.

Throw-away, dry-type air filter units Type "Aeropleat III", maximum 4 in. thick and Type "P240", maximum 0.062 in. nominal thickness.

Replaceable dry-type filter, "Riga RP Filter", maximum depth of 11-1/2 in.

Replaceable dry-type filter, "Farrsorb", maximum depth of 20 mm, 40 mm, 60 mm.

Throw-away, dry-type filter, Type "R30/30", 2 or 4 in. thickness.

Throw-away, dry-type unit filter, Model "30/50", 2-in. thickness.

Throw-away, dry-type pleated filters, Types "40/40", "R40X/L", maximum 4 in. thick.

Throw-away, dry-type unit filters, Models Riga-Flo -200, -100, -15, -XL, Standard and Model 2, Riga-Flo P Series Riga-Flo, Riga-V, Riga-Flo GT-12 and E Series (green), Riga-Flo Hybrid, 12 in. deep. Riga-Flo Models constructed in depths less than 12 in. may have the designation Riga-Flo, followed by the depth, followed by a slash (/), followed by one of the media Grades XL, 15, 100, or 200 (for example, Riga-Flo 6/XL is the 6 in. thick Riga-Flo XL filter). Riga-Flo models constructed with a metal peripheral header may have the designation Riga-Flo/PH, followed by one of the four media grades.

Electrically operated roll-away type units, Model V-8 Roll-Kleen. Model designation followed by size and suffix numbers 3 to 24 incl., 50 to 150 incl., followed by options and none, any one or more of the following: B, C, D, E, F, 1, 2, 3, 4, 5, 6, 7, 8.

Utilize throw-away adhesive coated, "Roll-Kleen Media", 2-in. thickness.

Manually operated roll-away type unit, Model V-8 Roll-Kleen. Model designation followed by size and suffix numbers 3 to 6 incl., 50 to 150 incl., followed by options and A plus any one or more of the following: C, D, E.

Throw-away, dry-type filter unit, Model "Riga-V", maximum thickness 11-1/2 in.

Throw-away, dry-type filter unit, Model "Opti-Pac", maximum thickness 4 in.

Throw-away, dry-type filter units, Models "Opakfil 2V", "Opakfil 4V", maximum thickness 12 in.

Throw-away, dry-type filter units, Models "H105", "H105UVR", "H055", "H055UVR", maximum thickness 5 in.

Replaceable, dry-type roll media and replaceable, adhesive coated roll media, designated as "Air Filter Unit", 4 in. maximum thickness.

CAMFIL KG

R20741

FELDSTRASSE 26-32 POSTFACH 1164 23858,

REINFELD GERMANY

Throw-away, dry type air filter, designated "Megalam MX-ePTFE" and "Megalam MD-ePTFE", maximum depth of 4-3/8 in. (111mm), Class 1.

Throw-away dry type air filter, designated "Megalam MDSGS", maximum depth of 2-5/8 in. (67mm), Class 2.

CARPENTER CO

R7611

CHEMICAL SYSTEM DIV 2400 JEFFERSON DAVIS HWY PO BOX

34546, RICHMOND VA 23234

Adhesive coated or dry-type, replaceable roll media and air filter pads, designated "6/40", "6/15", "6/3", "6/15/32", "6/15/40",



Documents

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3/8 in., Class 1.

Dry-type, throw-away air filter units. "Excelair Ultrapac", maximum depth of 24 in. (610 mm).

Throw-away, dry-type air filter units, 1.8 mm thickness, Model PH3800BK-2, Class 2.

Dry-type, throw-away air filter units, “CJM6” and “CJM9”, maximum depth of 292 mm. (11-1/2 in).

Replacable media, dry type air filter units, "MM12", "MM18" modules and replaceable "MM1000", "MM3000" media, Class I.

"Clairo Poly-Pac", maximum depth of 660 mm (26 in).

Replaceable, adhesive coated air filter units, “Hi-Guard”, “A5-GHC”, max depth 15 in., “E-Cono-Flo”, “ECF”, “E-Cono-Flo” series A, max depth 22 in..

Filter Units, Air (AJZV)–Continued

Replaceable, adhesive coated air filter units, “Hi-Guard 1 Ply Polyester”, “A5-HC-0”, “Hi-Guard 2 Ply Polyester”, “A5-HC”, “Hi-Guard 1 Fiberglass”, “A5-GHC”, “VA420”, “VA440”, “Syn Pak 200, -300, -400”, “SP”, max depth 15 in., “E-Cono-Flo”, “E-Cono-Flo Series A”, “E-Cono-Flo Series P”, “ECF”, max depth 22 in..

Replaceable, dry-type or adhesive coated roll media, “Purolator” maximum thickness of 5 in., (max weight 70 g/sq ft).

Washable, dry-type air filter units, “HD Steel”, “HD”, “HS Permanent Aluminum”, “HS”, up to 2-in. thickness.

Throw-away, extended area, dry-type air filter units, “AG-15, -100, -200”, max depth 24-in. and 2.

Throw-away, extended area, dry-type air filter units, “AG-2A”, max depth 12-in. and 2.

Throw-away, dry-type, extended surface air filter units, “CS”, “DF”, “DM”, “VF”, “VM”, “VSC”, max depth 14-in., A letter and number suffix may be utilized after model designations and 2.

Throw-away, dry-type, extended surface air filter units, “Variflow”, “Duraflow”, max depth 12-in. and 2.

Throw-away, dry-type air filter units, “Final Mat Pane 1”, max depth 1-in..

Throw-away, dry-type media, “Final Mat Rolls”, “AGR-1”, “FMM-300”, “FMM-600”, “Final Mat Pads”, “AGR-1”, “FMM-300”, “FMM-600”, “Final Mat Panels”, “AGR”, “FMP-3”, “FMP-6”, max depth 1-in..

Throw-away, dry-type extended area air filter units “Airguard Spray-booth Cartridge”, “ASC”, max depth 20-in..

Throw-away, dry-type extended area air filter units, “F.M.P.”, max depth 25-in. followed by suffix numbers to indicate efficiency, number of pockets and pocket length.

Throw-away, dry-type air filter units, “Bio-Pure Panel”, “Bio-Pure Disposable”, “BP”, max depth 2-in..

Throw-away, dry-type filter units, “IAQ-99”, “Q99”, 2-in. max thickness.

Throw-away, dry-type extended surface air filter units, “Microguard”, “M”, “MC”, “MD”, “MH”, “ML”, “SCMC”, 6-in. and 12-in. depth and 2.

Throw-away, dry-type extended surface air filter units, “Gel Seal Microguard”, max depth 12-in.

Throw-away, dry-type extended surface air filter unit, “Micropleat”, max depth 3-in. and 2.

Throw-away, dry-type air filter units, “Vari+Plus”, “VPL”, max depth 12-in..

Throw-away, dry-type, air filter pads, “Streamline”, “AGPS”, “AGR-1”, “AM”, “DL”, “FMM”, “NT”, “P”, “ST”, “TR”, up to 2-in. thickness.

Throw-away, dry-type extended surface, mini-pleat air filter units, “Variflow II”, “VF2”, max depth 4-in.

Throw-away, cylindrical air filter units, designated “Cylindrical Hepa”, max depth 12 in..

Throw-away, dry type air filter, “DP8”, max depth 4 in..

Throw-away, dry type air filter units, designated “Tri-Ply”, “Uni-Cube”, max depth 20 in..

Throw-away, dry type air filter unit, designated “Synergy Return Grille (SYN-RG)”, max depth 5 in..

Throw-away, dry-type air filter units, designated “V-Force VPP2V-S-9504, -8504, -6504”, max depth 12 in..

Throw-away, dry-type air filter unit, designated “Clean Pak Sewn CPN X Filter”, max depth 37 in..

Throw-away, dry-type air filter unit, designated “Legacy (LG)”, max 12 in. depth.

Throw-away, dry-type air filter unit, designated “TCM (may be followed by additional letters or numbers)”, maximum 4 in. depth.

Throw-away, dry-type air filter unit, designated “Microguard LR”, max 12 in. depth.

Throw-away, dry-type air filter units, designated “Air4Cool M1316YOY-OUY7500E”, “Air4Cool M1316YOY-OUY7500E-FR”, max 2.25 in. depth.

Throw-away, dry-type air filter units, designated “DP Green”, “Puro Green”, max 4 in. depth.

Throw away dry type air filter units, designated as DA, Facet Poly 3, Facet Aire PFS, SW38A, FC1, FC2, DPM7, DPD7, Purolator F, 2F, PF, PFS, 2P.

Adhesive coated, throw-away air filter units, designated as P312, Purolator I, Purolator II, F312, Purolators 3, Facet-Aire I, Facet-Aire II, Facet-Aire 3.

Replaceable media, dry and adhesive coated, designated as “Filterglass”, “Glass Utility Roll”, “Shore”, “GR4 Series” (adhesive coated only).

Replaceable air filter media, designated as “Facet Filter Series” M-10, M-20, M-40, M-45, M-60, M-60-1, MR-3, MR-4, MR-7; “Facet-Pak” Series 40, 50, 65, 85, 95; “Facet XL” Series 40, 67, 100, 200; “RF40”, “RF40SP”, “AB20” Series and “I.S.P”.

Throw-away, dry-type air filter pad, designated as “Fiberglass”.

Dry-type, throw away air filter units, designated as UL or MA followed by FPB, SSO or GLV, followed by 97 or 99, followed by 24024012, followed by XBU or DTU, followed by GND, ENU, GNB, FSD, FSU, FCU or FCD, followed by 00, followed by 09, 05 or 02.

Throw-away dry-type air filter, designated as “Purolator Purofied 900”, “Purolator Purofied 1050”, “Purolator Purofied 1250”, “Purolator Purofied 1600-4”, “Purolator Purofied 1825”, “PuroPleat Allergen Reduction”, “Purolator Purofied (E-Pleat)”, maximum 1 in. depth.

Throw-away dry type replaceable media air filter units, designated as “Hi-E-40”, “Hi-e-40 H High Temp Pleat”, “MARK 40”, “MARK 80”, “FME-40”, “FMEX-40”, Series 1, 2 and 4.

Throw-away dry type replaceable media air filter units, designated as “Defiant Hi-e-40D (HE40D)”, “Puro-Pleat ULTRA”, “ServAire Hi-e-40 (HE40)”, Series 8 and 12; “Hi-e-40 AM”, “ServAire Hi-e-60 (HE60)”, “ServAire Hi-e-85 (HE85)”, “ServAire Hi-e-95 (HE95)”, Series 8, 12 and 24; “Mark 40 (MK40)”, “PAF11”, “Defiant Mark 80D (DMK80)”, “Key Pleat”, “Moistureguard EHDF”, “Synergy Return Grille”, “Purolator P25”, “Purolator 2000”, “Purolator ABC”, “HE40HC”.

Throw-away dry type air filter units, designated as “ServAire Hi-e-40 (HE40)”, “Hi-e-40-CB”, “Hi-e-40 AM”, “Hi-e-40 H High Temp Pleat”, “FME-40”, “FME-40-CB”, “Defiant Mark 80 D (DMK80)”, “Defiant Hi-E-40-D (HE40D)”, “Puro-Pleat”, “MARK 40 (MK40)”, “MARK 80”, “MonoPleat”, “Micro Pleat Gold”, “ServAire Hi-e-40X”, “MARK 80D”, “FMEX-40”, Series 1, 2 and 4; “Key Pleat”, “HE40HC”.

Replaceable media, extended area, dry-type air filter units, designated as “Serva-pak SP65, -85, -95 Series”, “Serva-pak SP50 Series”, “Serva-pak SP40g Series”.

Dry-type, replaceable media air-filter units and replaceable media, designated as “ServAire Hi e-60-C1”, “ServAire Hi e-85-C1”, “ServAire Hi e-95-C1”, Series 8, 12 and 24.

Replaceable media, extended-area, dry-type air filter units, designated as “SERVAire Serva-pak 65 (or 85, 95)-C1 lengths 22, 30, 36”, “SERVAire Serva-pak 50-C1 lengths 10, 15, 18, 22”, “Facet-Pak” Series 60-I, 85-I and 95-I.

Replaceable media, extended area, dry-type air filter unit, designated as “Serva-Pak SP50S”.

Dry-type, air filter units, designated as “Serva-Pak 40p Series 11, 19”, “Uni-cap 1-ply (or 2-ply)-C2, Series 9, 15”, “Poly-pad”, “Poly-roll”, “Poly-panel”. All of these designations may be preceded by the trade name “ServAire.”

Dry-type air-filter units, designated as “ServAire UNI-Flo Series 10, 15, 18 and 22”, “ServAire UNI-Cap Type G-C2 Series 9 and 15”, which utilize dry-type, replaceable media.

Dry type, throw-away air filter units, designated as “AERO-Cell AC-95, -85, -60, -50”, “Facet Cell-95, -85, -60, -50”, “AERO-Cell AC-95S, -85S, -60S, -50S”, “Facet Cell-95S, -85S, -60S, -50S”, “Series 12”, “Defiant Cell DC95, DC85, DC 70”. The model designations may have an “H” prefix indicating that a header is provided.

Dry type, throw-away air filter units, designated as “AERO-Cell AC-951, -851, -601, -501”, “Facet Cell-951, -851, -601, -501”. The model designations may have an “H” prefix indicating that a header is provided.

Throw-away, dry-type air filter units, designated as SERVA-Cell 60, 85 and 95 Series 6 and 12, ULTRA-Cell 95, 99.97 and 99.99, Series 6 and 12.

Throw-away, dry type air filter units, designated as SERVA Cell 60, 85 and 95 Series 6 and 12.

Throw-away, dry-type extended surface air filter unit, designated as “DUST GRABBER II”.

Throw-away, dry type air filter unit, designated as “Mono Pleat”.



Filter Units, Air (AJZV)–Continued

Throw-away, extended area, dry type air filter units, designated "Defiant Pak", "Multiguard MG9, MG8, MG7", Facet-pak ELITE, Facet-Cell Elite.

Throw-away, dry-type air filters, designated as "Servacall VA/Freeflo VA SL2VS95, -85, -65".

Throw-away, dry-type air filter, designated as "Dominator (DR)".

Throw-away, dry-type air filters, designated as "Supersorb II", "Supersorb III".

Dry-type, throw-away air filter unit, designated ULTRA II, maximum 15 in. depth.

Throw-away, dry type, roll media, "ATI - 600", maximum 1 in. thickness.

Throw-away, dry type, air filter pad, "ATI - 600", maximum 1 in. thickness.

Throw-away, dry type, air filter pad, "ATI - 300", "ATI-1", maximum 1/2 in. thickness.

Throw-away, dry type, roll media, "ATI - 300", "ATI-1", maximum 1/2 in. thickness.

Throw-away, dry type, air filter panel, "ATI 1-PN", maximum 1/2 in. thickness.

Throw-away, dry type, ring panel filter, "ATI 600-PN", maximum 1 in. thickness.

Throw-away, dry type, ring panel filter, "ATI 300-PN", maximum 1/2 in. thickness.

Throw-away, extended area, dry type air filter unit, Model "HT", maximum depth 20 in..

Dry-type, throw-away air filter pads or roll media, maximum 2 in. thickness, Types OSM, PM102, PM103, RT.

Throw-away, dry-type air filter units, designated "PuroPleat Dust", "PuroPleat Pollen & Dust", maximum 1 in. thickness.

Throw-away, dry-type air filter units, designated "Series N (IN)", maximum 1 in. thickness.

Throw-away, dry-type air filter units, designated "Activator Series 2-Ply Filter", "Activator Series 3-Ply Filter" and "Bio-Pure (BP5)", maximum 1.5 in. thickness.

Throw-away, dry-type air filter units, designated "Airguard Advantage" and "Purolator PuroAir", maximum 2 in. thickness.

CLEAN AND SCIENCE USA CO LTD

R26603

SUITE 210 2400 E DEVON AVE, DES PLAINES IL 60018

Dry-type, throw-away air filter units, FTCT AM, FTCT AG, FTCT GM, FTCT GG, FTCT SM, FTCT SG, FTCT WM, FTCT WG, maximum depth of 11-1/2 in. (272 mm).

Dry-type, throw-away air filter units, FTCT AMH, FTCT AGH, maximum depth of 3-3/16 in. (81 mm).

Dry-type, throw-away air filter units, FTVB AM2, FTVB AM3, FTVB AM4, maximum depth of 11-3/4 in. (300 mm).

Dry-type, throw-away air filter units, FTCT AG, FTCT GG, FTCT SG, maximum depth of 11-1/2 in. (272 mm) Class 1.

Dry-type, throw-away air filter units, FTPT AG, FTPT AN, FTPT GG, FTPT GN maximum depth of 2 in. (51 mm).

CLEAN TECH KOREA CO LTD

R22374

675-3 SHINWOL-LI CHOWOL-EUP, KWANGJU-SI, KYUNGGI-

DO REPUBLIC OF KOREA

Dry-type, pleated air filter unit, "MCC-7524", "MCC-7536", "MCC-7548", 3-1/8 in. max depth, Class 2.

COLUMBUS INDUSTRIES INC

R5277

2938 STATE RTE 752 PO BOX 257, ASHVILLE OH 43103

Washable, dry-type air filter units, "Type PT-10", 2 in. maximum thickness, "Type PTS", 1/2 in. thick and "Type PT-10 Powder Coated" 1/4 in. thick.

Washable, dry-type air filter units, Type PT-10E, 3/8 in. maximum thickness.

Washable, adhesive coated air filter units, 1/4 in. thick "Neutrolair", 1/2, 1 and 2 in. thick Type S or 3/4 in. thick PTM-S when used with "Neutrolair Filter Adhesive".

Throw-away, dry-type air filter pads and rolls, "Supra", 11/8 in. maximum thickness.

Throw-away, dry-type air filter units, Type 100, 1/2 in. maximum thickness.

Throw-away, dry-type air filter units, Type 200, 1 in. maximum thickness.

Throw-away, dry-type air filter units, Type 300, 1/2 in. maximum thickness.

Throw-away, dry-type air filter pads or rolls, Types 480 Minimesh, CHY, Standard, Standard Minimesh, 1-1/8 in. maximum thickness.

Throw-away, dry-type air filter pads or rolls, Types CLV, High Capacity 5 Minimesh, High Capacity, High Capacity Minimesh, 2 in. maximum thickness.

Throw-away, dry type air filter pads or rolls, EPA, Supra I High Capacity, Supra I High Capacity Minimesh, Supra II High Capacity, Supra II High Capacity Minimesh, 11 Layer High Capacity Supra II Minimesh Special Filter, 1-1/2 in. maximum thickness.

Throw-away, dry-type air filter pads or rolls, High Efficiency Minimesh, High Efficiency Supra Minimesh, Small Diamond, Supra 21, Supra 1540, Supra 15407, Supra AM, Supra EPG, Supra EPG 40 Minimesh, Supra EPG Minimesh, Supra EPGAM, Supra FF, Supra M, Supra M Minimesh, Supra V, 1-3/4 in. maximum thickness.

Throw-away, dry type air filter pads or rolls, Types High Efficiency High Capacity Minimesh, Supra M High Capacity, Supra M EPG High Capacity, Supra II High Capacity, Supra V High Capacity, 2-3/8 maximum thickness.

Throw-away, dry type air filter pads or rolls, High Capacity Supra A, Supra A and Supra A Minimesh, 1 in. maximum thickness.

Throw-away, dry type air filter panels, designated by the following prefixes: C-, CI-, SL- or AM-, 1.5 in. maximum thickness.

Throw-away, dry-type air filter units, "E.I.T.S.", 7/8 in. maximum thickness.

Throw-away, dry-type air filter units, "A.C.F.", 1/2 in. maximum thickness.

Throw-away, adhesive coated air filter units, "E.I.T.S., Type S", 5/8 in. maximum thickness.

Throw-away, dry-type air filter units, "O.S.F.", 3/4 in. maximum thickness.

Throw-away, dry type air filter units, "G.O.F.", 1/2 in. maximum thickness.

Throw-away, dry-type air filter units, "Type 1000 or Type 1986 or PermaPlus", 1/2 in. maximum thickness.

Throw-away, dry-type, air filter units, Type "GO", 1/2 in. maximum thickness.

Throw-away, dry-type air filter units, "Polysorb Type 1100" designation may be supplemented by a prefix or suffix number(s), 1/2 in. maximum thickness.

Throw-away, dry-type air filter units, "Type 5000", "Type 6000", 3/8 in. maximum thickness.

Throw-away, dry-type air filter unit, "Polysorb", 1/4 in. maximum thickness.

Throw-away, dry type air filter units, "Polysorb 2", 1 in. maximum thickness.

Throw-away, dry type air filter units, "Pleated Polysorb", 2 in. maximum thickness.

Throw-away, dry type air filter units, "Air Kleen Rigid-Sorb", 1 in. maximum thickness.

Throw away, dry-type air filter roll media, designated #SL-50LB, #SL-75LB, #SL-100D, #SL-100LB, #SL-200LB, #SL-325, #SL-500D, #SL-500W, #SL-750S, #SL-1000D, #SL-1000S, #SL-1000W, #SL-2000, #SL-2000S, 5/8 in. depth.

Throw-away, dry type air filter units, "Supra-Sorb", 3/16 in. maximum thickness.

Throw-away, dry type air filter unit, "Air Kleen", 1 in. maximum thickness.

Throw-away, dry type air filter unit, "Intake Filters", 1-1/2 in. maximum thickness.

Throw-away, dry type air filter unit, Model DP-1, SL-45B, maximum depth 15 in.

Throw-away, dry type air filter units, SL-50WB (Heat Sealed Pocket), Cube Pocket Filter, maximum depth 20 in.

Throw-away, dry type air filter units, SL-65WBN (Heat Sealed Pocket), SL-65WB (Heat Sealed Pocket), maximum depth 24 in.

Filter Units, Air (AJZV)–Continued

Throw-away, dry type air filter units, designated “KMED020AFIL”, “KMED014AFIL”, maximum depth 3 in. Throw-away, dry type air filter unit, designated “SF-1”, 1 in. maximum thickness. Throw-away, dry type filter unit, designated “Micro Shield”, 7/8 in. maximum thickness. Throw-away, dry type panel air filter unit, designated “Pollend”, maximum depth 1 in. Throw-away, dry type, washable air filter unit, designated “Duct Mount Humidifiers” in a maximum depth of 2 in. Throw-away, dry type panel air filter unit, designated “PEC”, 3/8 in. maximum thickness. Throw-away, dry type air filter pads, designated by the following prefixes: AE-, AM-, F-, GS-, SL- or TR-, 2 in. maximum thickness. Washable, dry type air filter units, designated “Electrostat-5”, “Perma-Guard”, “Type MP”, “Type WP”, 1 in. maximum thickness. Throw-away, dry-type air filter unit, designated “HVAC Filter Cartridge”, “Collapsible HVAC Filter Cartridge”, 6 in. maximum thickness. Throw-away, dry-type air filter unit, designated “Rigid Box Commercial HVAC Filter”, 12 in. maximum thickness. Throw-away, dry-type air filter unit, designated “HVAC Heat Exchange Syster Filter” (Full Pleat, partial Pleat), 2 in. maximum thickness. Throw-away, dry-type air filter unit, designated “Air-Cleaning Unit Filter”, 2 in. maximum thickness. Throw-away, dry-type air filter unit, designated “ASHRAE Glass Filter”, “PLDFE24240204”, 2 in. maximum thickness. Throw-away, dry-type air filter unit, designated “Pleated Filter”, “Magnet”, “Fiberglass”, “Flo-Guard”, “Flo-Guard Plus”, “Type I Microban Furnace Filter”, 1 in. maximum thickness. Throw-away, dry-type air filter unit, designated “Self Supporting Furnace Filter”, 1 in. maximum thickness. Throw-away, dry-type air filter unit, designated “Type II Microban Furnace Filter”, 1 in. maximum thickness. Throw-away, dry-type air filter unit, designated “MERV 16- X66” followed by additional suffix to denote filter dimensions, 5 in. maximum thickness. Throw-away, dry-type air filter unit, designated “MERV 16” or “W10177003” followed by additional suffix to denote filter dimensions, 3 in. maximum thickness. Throw-away, dry-type air filter unit, designated “POPOP HVAC Filter”, 5 in. maximum thickness. Throw-away, dry-type air filter unit, designated “Heat Sealed Pocket”, 20 in. maximum depth. Washable, dry-type air filter unit for use in kitchen range hood, designated FMDC1. Throw-away, dry-type air filter unit, designated “V-Bank Filter”, “V-Cell”, 12 in. maximum depth. Throw-away, dry-type air filter unit, designated “Round Carbon Filter”, maximum 7.46 in. diameter. Throw-away, dry-type air filter unit, designated “Honeywell HAF Filter”, 2 in. maximum depth. Throw-away, dry-type air filter unit, designated “Multi-Pocket”, maximum 26 in. depth.		
COMAIR ROTRON (SHANGHAI) FAN CO LTD 3333 CHANG NING RD WITHUB BULD 5F CHANGNING DIST 200336, SHANGHAI CHINA		R6455
Washable, adhesive coated air filter units, 3/4 in. thickness, 15449, 477712, 551590, when used with Research Products Corp. Super Filter Coat, adhesive No. 1. Class 2.		
COMMERCIAL FILTER MAINTENANCE INC SUITE 110 4481 PLEASANT HILL RD, MEMPHIS TN 38118		R21599
Throw-away, dry-type air filter units, Model “Pro-Pleat”, 4 in. max depth, Class 2.		
CON-AIR INDUSTRIES INC 4157 SEABOARD RD, ORLANDO FL 32808		R25321
Dry-type, throw-away air filter units, “Pleated Air Filter”, “Pxx”, where xx is a two digit number, maximum depth 8 in. “Disposable Air Filter”, “Dxx”, where xx is a two digit number, maximum depth 2 in. Dry-type, throw-away air filter units, “Rigid Filter”, maximum depth 12 in.		
COSMOS AIR PURIFICATION & ENVIRONMENTAL SYSTEM INC 3611 PENNSY DR, LANDOVER MD 20785		R25792
Replaceable, dry-type media, Model “CA-Paint-Stop Media”, 1 in. thick, Class 2. Model “CA-VA-650 Media”, 3/4 in. thick, Class 2. Model “CA-Roll Media, Untreated”, 1/2 in. thick, Class 2. Replaceable, adhesive coated media, Models “CA-L3 Media”, and “CA-Roll Media, Tackified”, 1 in. thick, Class 2. Models “CA-Two Ply Media”, “CA-VA-500 Filter Media”, and “CA-PBE-990 Media”, 1 1/2 in. thick, Class 2. Model “CA-VA-550 Filter Media”, 1-1/2 in. thick maximum, Class 2. Throw-away, adhesive coated air filter unit, 1 1/2 in. thick, “CA-Series 55 Panel Filter”, “CA-VA-600 Panel Filter”, or “CA-15/40 Panel Filter”, 1 1/2 in max. thickness, Class 2. Throw-away adhesive coated extended area type air filter unit, “CA-Series 440”, “CA-Series 440-HC”, Maximum depth 15 in., Class 2. Throw-away dry type extended area type air filter unit, “CA-Series 420”. Maximum depth of 15 in., Class 2. Throw-away dry type extended area type air filter unit, “CA-Series 440G, 460, -480, -490”, Maximum depth 36 in., Class 1 and 2. Models “CA-V-60 Polybag”, “CA-V-65 Polybag” maximum depth 26 in., Class 2. Model “CA-V-40” maximum depth 26 in. Class 2. Models “CA-V-90”, “CA-V-95”, “CA-AS-95” maximum depth 30 in., Class 2, CB-AS Bag and CB-Revolution Filter. Throw-away, adhesive coated air filter pads and roll media, maximum 4.0 in. thick, “CA-Draco BGD”, “CA-Draco Paint Arrestor 107X Media”, “CA-Draco Paint Arrestor No. 28 Media”, “CA-Draco Paint Arrestor S and S Media”, “CA-Draco Auto Roll Media”, “CA-Draco STD”, “CA-Draco Dustmaster”, Class 2. Throw-away, dry type air filter units, 1/2, 1 and 2 in. thickness, “CA-PA”, Class 2. Throw-away, dry type air filter pads and roll media, Model CA-T-700/G, maximum thickness 3/4 in. Class 2. Throw-away dry type extended area type air filter unit, Model “CA-V-Max2”, maximum depth 4 in., Class 2.		
CREST FOAM INDUSTRIES INC 100 CAROL PL, MOONACHIE NJ 07074		R7289
Washable, dry-type roll media and air filter pads, “Filter Crest-A”, “Filter Crest-C”, “Filter Crest-R,” “Filter Crest-S”, “Filter-Crest-T”, 1/8 to 1 in. thickness, Class 2.		
CTM ENTERPRISES INC DISTRIBUTION CENTER #1 1623 S HWY 14, GREER SC 29650		R20864
Throw-away, dry-type, extended surface air filter units, designated “Purafilter 2000”, “Dupont”, “Arm & Hammer”, “Enviroflow”, 6 in. maximum depth.		
D M DILLING INDUSTRIES 1218 N HACKBERRY, SAN ANTONIO TX 78202..		R20864



Filter Units, Air (AJZV)–Continued

Throw-away, dry-type air filter unit, designated “Advanced Pleat Air Filter”, maximum 2 in. thickness, Class 2.

D-MARK INC

R6332

25712 D'HONDT CT, CHESTERFIELD MI 48051

Throw-away, dry-type air filter units, 3/8 and 1/2 in. thickness “HS”, “BF”, “BFL”, “SC-P”, “BSC-1P”, “SC-PG”, “BSC-P”, “BSC-PG”, “BSC-1PG”, “SCL-P”, “SCL-PG”, “SCL-1P”, “SCL-1PG” and 3/16 in. thickness “SF-P”.

Throw-away, dry-type air filter units, 3/8 in. thickness, “AL”, “TP”, 1 in. maximum thickness, “BF-AL”, “BF-TP”, “BFL-AL”, “BFL-TP”.

Throw-away, dry-type air filter pads or rolls, Carbonweb 600, 1-1/2 in. thickness, Carbonweb 300, 7/8 in. thickness, Carbonweb 90, 3/8 in. thickness, Carbonweb 45 3/8 in. thickness.

Throw-away, dry-type air filter units, BF-CW, BFL-CW, 3/8 in. thickness.

Throw-away, dry-type air filter units, Odorguard I, Odorguard II, Odorguard III, Odorguard Ring Panel Filter, 2 in. thickness.

Throw-away, dry-type air filter unit, 1 in. Carusorb filled, 1 in. thickness.

Throw-away, dry-type air filter unit, Carbon Rigid Cell, 11-3/8 in. maximum depth.

Throw-away, dry-type air filter unit, OGAXC, OGBXC, OGCXC, 4 in. maximum depth.

DAIKIN INDUSTRIES LTD

R18935

YODOGAWA PLANT CHEMICAL DIV, POLYMER PRODUCTION

DEPT 1-1 NISHI-HITOTSUYA, SETTSU-SHI, OSAKA 566-

8585 JAPAN

Dry type, throw-away air filter units, designated HMH, HMS, HMT, KMH, KMS, KMT, LMH, LMS, LMT, MMH, MMS, MMT, TMH, TMS, TMT, UMH, UMS, UMT, with suffixes.

Dry type, throw-away air filter units, designated Neurofine, 4-7/8 inch maximum depth.

DAYTON ELECTRIC MFG CO

R13458

100 GRAINGER PKY, LAKE FOREST IL 60045

Replaceable adhesive coated roll media, Model “Air Handler Automatic Roll Filter”, maximum depth 2 in., Class 2.

Throw-away, adhesive coated air filter units, Model “Air Handler Fiberglass Air Filter” and “Air Handler Scrim Backed Fiberglass Filter”, maximum depth of 2 in., Class 2.

Throw-away, dry type air filter units, Models “Air Handler Pleated Air Filter” and “Air Handler High Capacity Pleated Air Filter”, maximum depth 4 in., Class 2.

Washable dry-type air filter units, “Air Handler Electrostatic Air Filter”, maximum depth 2 in., Class 2.

Throw-away dry type air filter units, Model “Air Handler 3-Ply Cube, Ring Panel and Link Filter”, maximum depth 20 in., Class 2.

Dry-type throw away air filter unit, Model “Air Handler Carbon Impregnated Pleated Air Filter”, maximum depth 4 in., Class 2.

Throw-away, dry type air filter units, Model “Air Handler Pleated Air Filter” and “Air Handler High Capacity Pleated Air Filter”, maximum depth 4 in., Class 2.

Washable dry type or adhesive coated air filter pads and rolls, Models “Air Handler Fiberglass Air Filter Pads or Roll Media”, “Air Handler Polyester Air Filter Pads or Roll Media”, “Air Handler Foam Air Filter Media Rolls”, “Air Handler Hog Hair Air Filter Media Rolls”, “Air Handler Activated Carbon Impregnated Air Filter Media”, “Air Handler Trim to Fit”, maximum thickness 2 in., Class 2.

Washable, dry type roll media and air filter pads, Models 1W755, 5W913, 5W914, 1/8 to 1 in. thickness, Class 2.

Throw-away, dry-type air filter units, Models “Air Handler Fine Dust Mini Pleat Air Filter”, maximum depth 11-1/2 in., Class 2.

Throw-away, dry-type air filter unit, Model “Air Handler 4 in. Deep Mini-Pleat Air Filter”, maximum depth 4 in., Class 2.

Throw away, dry-type air filter unit, Model “Air Handler Residential Air Filter Cartridge”, maximum depth 1-1/2 in., Class 2.

Throw-away dry type extended area filters, maximum depth 36 inn., Model “Air Handler Fiberglass Pocket Filter”, “Air Handler Synthetic Pocket Filter” and “Air Handler Bag Type Filter”, Class 2.

Replaceable, dry-type air filter media designated, Models 4E436, 4E438, maximum pleat depth 6 in., Class 2.

Replaceable, dry-type air filter media designated, Model 4E439, maximum pleat depth 7-1/2 in., Class 2.

Throw-away dry type air filter units, Model “Air Handler Activated Carbon Honeycomb Disposable Filters” maximum depth, 2 in., Class 2.

Dry-type, throw-away, extended area air filter units, Model “Air Handler Synthetic Pocket Air Filter” (6 pocket), maximum depth 29 in., Class 2.

Dry-type, extended area air filter units, designated, Model “Air Handler Synthetic Pocket Air Filter” (12 pocket), maximum depth 15 in., Class 2.

Throw-away, dry type air filter units, Models “Air Handler Pleated Air Filters (High Capacity and Standard Capacity)”, maximum depth 4 in., Class 1 and 2.

Throw-away, dry-type, extended area air filter units, Models “Air Handler Fiberglass Pocket filter”, maximum depth 36 in., Class 1 or 2.

Dry-type extended area, throw-away air filter unit, Model “Air Handler Synthetic Pocket Air Filter”, maximum depth 22 in., Class 2.

Dry-type, extended area, throw-away air filter units designated, Model “Air Handler Rigid Cell Filter”, maximum depth 11-1/2 in., Class 2.

Dry-type, throw-away air filter units, designated, Model “Air Handler Deep Pleated Collapsible Cartridge”, maximum depth 24 in., Class 2.

Throw-away, dry-type air filter units, air handler HEPA filters, Models 6B614, 6B615, 6B616, 6B617, 6B618, 6B619, 6B620, 6B621, 6B622, 6B623, maximum depth 12 in., Class 1.

DELTA M INC

R19582

8140 PARKHILL DR, MILTON, ON L9T 5V7 CANADA

Disposable, dry-type, panel air filter unit, 233, 13 mm thick.

Disposable, dry-type, panel air filter unit, 202, 13 mm thick.

Disposable, dry-type, panel air filter unit, Delta M Flat Panel Condo Filter (MERV 5), maximum 1/8 in. thick.

Throw-away, dry-type air filter unit, designated “Polyester Telecom Filter”, maximum 3/8 in. depth.

Throw-away, washable type air filter units, purECOgreen Pleated Filter, maximum depth 4 in.

Throw-away, washable type air filter unit, Delta M Lucent Flat Panel, maximum depth 5/16 in.

Throw-away, dry-type air filter units, DM 252A and DM 5041, maximum depth 3/8 in.

Throw-away, dry-type air filter units, DM 233H, DM DSLAM-ADSL, DM 5081, DM 344437, maximum depth 1/2 in.

Dry-type, replaceable air filter media, DM Flashwave 4500, DM Flashwave 4500-45ppi, nominal thickness 1/8 in.

Dry-type, replaceable air filter media, DM 5134, DM 5134-45ppi, nominal thickness 1/4 in.

Dry-type, replaceable air filter unit, purECOgreen, maximum 8 pockets and 30 in. depth.

Dry-type, replaceable air filter unit, purECOnext, maximum 4 in. thick.

DIVERSITECH CORP

2175 E PARK DR, CONYERS GA 30013



Documents

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Filter Units, Air (AJZV)–Continued

AFB Series followed by suffixes to indicate size.
AFR Series followed by suffixes to indicate size.

- DONALDSON CO INC** **R5921**
1400 W 94TH ST PO BOX 1299, MINNEAPOLIS MN 55431
Throw-away, dry-type air filter units, “P11-3653”, “P12-1617”, “P13-1725”, in 2 in. thickness.
Dry-type, replaceable air filter unit, designated “P19-4856”.
Throw-away, dry-type air filter unit, Model “P53-2991”, maximum thickness 0.13 in. for use in electronic data processing equipment.
Throw-away, dry-type air filter unit, Model P54-6328, maximum thickness 0.015 in., for use in electronic data processing equipment.
Throw-away, dry-type air filter units, Models P055073, P54-4063, P54-4972, P54-5261, P54-5263, P54-5265, P547314, P602454, P602455, P54-8728, P549467, P604874, P606641, P608992, P610142, P611400, P611663 maximum thickness 0.19 in., for use in electronic data processing equipment.
Throw-away, dry-type air filter unit, Model P603809, maximum thickness 1 mm., for use in electronic data processing equipment.
Throw-away, dry-type air filter unit, Model P604514, maximum thickness 4 mm., for use in electronic data processing equipment.
Throw-away, dry-type air filter unit, Model P604845, maximum thickness 1.5 mm., for use in electronic data processing equipment.
- DUCTSOX CORPORATION** **R21197**
9866 KAPP CT, PEOSTA IA 52068
Throw-away, dry-type air filter unit, designated Ductsox final filter, maximum thickness of 0.012 in. thickness.
- DUST FREE L P** **R18657**
1112 INDUSTRIAL DR PO BOX 519, ROYSE CITY TX 75189
Washable, dry-type air filter units, designated “A4 Better White 4 Year Standard”, “A4 Better White 4 Year Adjustable”, maximum 1 in. deep.
Washable, dry-type air filter units, designated “Dust Fighter - 95, 90, 84, Gold, Industrial”, “Enviro Duct - Deluxe, Electrostatic, Standard, Prefilter, Commercial”, “Environmental Shopper – ES, STD, ES84, ES Deluxe”, “Air Fitness Deluxe”, “S” Series, “H” Series, “Maxaire”, “Maxaire Gold”, “Allergy Gold”.
Washable, dry-type air filter units, designated “Enviroduct Flex Fit”, “Allerx Flex Air”, “Dust Free Fast Track”, “Air Fitness Flex Fit”, “Air Fitness Standard Aluminum”, “Air Fitness Standard Gold”, “Allergy 3 Best”, “Air Fitness Standard Plastic”, “Dust Star”, “Air Fitness Poly”, “Pollen Master Poly”, “3M Adjustable Poly”.
Throwaway, dry-type air filter units, designated “EnviroGREEN 8 Pleat Filter”, maximum 1 in. depth.
- DUSTSTOP AIR FILTERS INC** **R12358**
330 CENTRE ST PO BOX 1000, PETROLIA, ON N0N
1R0 CANADA
Replaceable, adhesive coated roll media, 4-in. maximum thickness, Types “Air Duct Filter”, “Duststop Disposable”, “Duststop Hi Pack”, “Hammock”, “Trim To Fit”.
Throw-away, dry-type air filter unit, designated “Duststop Ultimate”, maximum 1 inch thick.
Throw-away, dry-type air filter unit, designated “Retail Fiberglass Filter”, maximum 1 inch thick.
Throw-away, dry-type air filter unit, designated “Industrial Fiberglass Filter”, maximum 2 inch thick.
Throw-away, dry-type air filter unit, designated “MERV 7 Filter”, maximum 2 inch thick.
Throw-away, dry-type air filter unit, designated “Garrison MERV 11”, “Garrison MERV 8”, “Duststop Premium”, maximum 1 inch thick.
- EDCO SALES INC** **R6746**
700 EMERSON AVE, SYRACUSE NY 13204
Washable, dry type air filter unit, “Edco Permawash” in thickness of 1/2 and 1 in., Class 2.
Throw-away type, adhesive-coated or dry type air filter unit, “Dustcatcher” in thicknesses of 1/2, 1 and 2 in., Class 2.
- ESPIN TECHNOLOGIES INC** **R25993**
7151 DISCOVERY DR, CHATTANOOGA TN 37416-1627
Throw-away, dry-type air filter unit, designated “Exceed”, maximum 4-in. thickness.
- FALLS FILTRATION TECHNOLOGIES INC** **R2668**
115 E STEELS CORNERS RD, STOW OH 44224
Washable type unit filters, Types “Kleenflo or K,” P-5, P-56GG, P-96GG, R82A, R82ARF dry type, Class 1.
Washable type unit filters, Types P-61, P-61AA, Foamaze D (in roll form or individual pads) dry type, Class 2. Types “Kleenflo or K,” P-5, P-56GG, P-96GG, R82A, R82ARF when used with “Filterkote W” adhesive (maximum application rate of 1.5 oz./ ft.²) supplied by this manufacturer, Class 2.
Washable, adhesive coated, Foamaze or Type 205 (in roll form or individual units), Class 2, when used with “Filterkote R” adhesive supplied by this manufacturer.
Throw-away, dry-type extended area air filter units Type “P183”, 2 in. thick, Class 2.
Throw-away, dry-type panel air filter units, Model P192A, 1-1/2 in. thick, Class 2.
Suffix letters when utilized will indicate type of metal utilized in filter media or frame work.
- FIBER BOND CORP** **R4119**
110 MENKE RD, MICHIGAN CITY IN 46360
Throw-away, dry-type air filter units, 1 in. and 2 in. thickness, “ULOK Panel”.
Throw-away, adhesive coated air filter units, 2 in. thickness, “ULOK Panel”.
Throw-away, dry-type air filter units, 1/2 in. thickness, “ULOK Easy Cut”.
Throw-away, dry-type air filter units, “ULOK Multi-Wedge 45-S,” maximum depth 20 in., “Dustlok Panel”, maximum depth 1 1/2 in., “Dual-Ply Dustlok Media”, maximum depths 1 in. and 1 1/2 in., “Dustlok Mechanical Roll Media”, maximum depth 1/2 in.
Throw-away, dry-type or adhesive coated air filter units, “ULOK Cube,” 8, 11, 20 in. depths, “DL 440 Cube”, “DL 660 Cube”, maximum depth 15 in.
Throw-away, extended area, dry-type air filter units, “Fiber Bond Cube,” maximum depth of 15 in.
Throw-away, extended area, dry-type air filter units, “DL Cube”, maximum depth of 15 in.
Throw away, extended area dry-type air filter units, “Multi-Wedge 85 and Multi-Wedge 95”, maximum depth of 30 in.
Throw-away, extended area, dry-type air filter units, “Multi-Wedge 65”, maximum depth 24 in.

Filter Units, Air (AJZV)–Continued

Replaceable, dry-type roll media, “ULOK FM-50,” 1/2 in. thick, “ULOK FM-100,” 1 in. thick, “ULOK FP-50,” 1/2 in. thick, “ULOK FP-100,” 1 in. thick, “ULOK Textile Media 3415,” 1 in. thick, “ULOK FP 3636” 1/2 in. thick.

Replaceable, dry-type or adhesive coated roll media, “FP3710,” 1/2 in. thick, “X-1188,” 1/2 in. thick.

Replaceable, dry-type roll media, No. 115050, 0.24 in. thick.

Dry-type, throw-away air filter units and dry, type replaceable roll media, “Poly Panel,” 1 in. thick and “FM-200,” 2 in. thick.

Dry-type and adhesive coated, replaceable roll media, “Dual Bond,” 1 in. thickness.

Dry-type, replaceable roll media, “Nos. 4337 and 3972 Humidifier,” maximum thickness 3/4 in. “4797 ULOK,” 1 in. thickness.

Dry-type, replaceable roll media, “Textile Media Nos. 4397, 4637, 4640, 4638 and 4270,” maximum thickness of 3/4 in..

Dry-type, throw-away air filter units, “DL 30-HC”, maximum 12 in. depth.

Throw-away, dry-type air filter units, “Kleen-Pleat”, 60% and 40% efficiencies in depths of 1, 2, 4 and 6 in.

Dry-type, throw-away extended surface air filter units, “Galaxy II pleat filter” maximum depth 2 in.

Dry-type, throw-away air filter units, “Poly-Flo”, “RIGID PAD”, 1 in., 3/4 in., 3/8 in. and 1/2 in. thickness.

Dry-type, throw-away air filter units, “Kleen Pleat Gold”, in depths of 1, 2 and 4 in.

Throw-away, dry-type roll media or pads, “FB-1 Media”, “AFR-1 Media”, “Diffusion Media”, UltraKleen®, Micro Clean®, maximum depth 1 in.

Throw-away, dry-type air filter units, “Diffusion Panel with Internal Wire”, “Micro Clean® PANEL”, maximum depth 1-1/2 in.

Throw-away, dry-type air filter units, “Diffusion Panel with Internal Wire”, “FB-1 PANEL”, maximum depth 1 in.

Throw-away, dry-type air filter units, “IS Panel”, “3 Ply Poly Panel”, “Airkleen Panel”, maximum depth 1-1/2 in.

Throw-away, dry-type air filter units, “Series 55 Xtra”, “Tight-Seal Panel”, “Tacky Panel”, maximum depth 1 in.

Throw-away, dry-type air filter units, “Poly Panel”, “2 Ply Poly Panel”, thickness depth 1 in.

Throw-away, dry-type air filter units, “2-Ply Gold Panel”, “Yellow 2-Ply Panel”, maximum 1 in. thickness.

Throw-away, dry-type air filter units, “Pleat Killer Filter”, “Invincible 500 Filter”, maximum thickness 1 in.

Throw-away, dry-type air filter units, “15/40 Xtra 3-Ply Panel”, “Yellow 3-Ply Panel”, maximum 2 in. thickness.

Throw-away, extended area, dry-type air filter units, “15/40 Unitized Cube”, “Yellow Unitized Cube”, maximum depth of 20 in.

Throw-away, extended area, dry-type air filter units, “15/40 Two Pocket Cube”, “Yellow Two Pocket Cube”, maximum depth of 15 in.

FIELD CONTROLS L L C

R27107

2630 AIRPORT RD, KINSTON NC 28504

Dry-type, throw-away air filter units, Flex-1, Flex-2, Flex-3, Flex-4, Flex-5, Flex-6, Flex-7, may be followed by numerical suffix to denote dimensions, maximum depth of 4-3/4 in.

FILBA TECHNOLOGY (SHENZHEN) CO LTD

R26409

F 4TH FL, JINXIONGDA INDUSTRIAL PARK HUANGUAN NAN
RD, GUANLAN, SHENZHEN, GUANGDONG 518100 CHINA

Dry-type, throw-away air filter units designated FUR1420, FUR1625, FUR1620, FUR2020, FUR2025, maximum depth 1 in., Class 2.

FILT AIR LTD

R25519

DEREKH HAYEQEV PO BOX 166 30951, ZIKHRON-
YAAQOV ISRAEL

Dry-type, throwaway air filter units, designated “Compact Finedust Filter”, maximum depth 12 in.

FILTER FACTORY

R18754

151 VULCAN DR, LOMPOC CA 93436

Dry type, washable air filter units, designated Exmet, FoilX.

Dry type, washable air filter units, designated CarbX, FoamX, PolyX, SW, SWX, TechX.

FILTERS-NOW COM INC

R21797

9800 I-65 SERVICE RD N, CREOLA AL 36525

Throw-away, dry-type air filter unit, designated Accumulair Filter followed by FA, FB, FC, FD or FO, 6 in. maximum thickness.

Throw-away, dry-type air filter unit, designated Accumulair INAR followed by suffixes, 11-1/4 in. maximum thickness.

Throw-away, dry-type air filter unit, designated Accumulair INAB followed by suffixes, 36 in. maximum thickness.

Throw-away, dry-type air filter unit, designated Deep Pleat DPF followed by letter suffix, followed by dimensions in inches, may be followed by OB, 6 in. maximum thickness.

FILTRAIR INC

R8759

600 RAILROAD AVE, YORK SC 29745

Throw-away, dry-type air filters in pads or rolls, 2 in. maximum thickness, identified as VL-Series, VLN-Series or VLS-Series.

Throw-away, dry-type air filters in pads or rolls, 2 in. maximum thickness, identified as VLFR Series.

FILTRATION GROUP L L C

R12347

912 E WASHINGTON ST, JOLIET IL 60433

Adhesive coated or dry type replaceable roll media designated “Auto Roll Filter”.

Throw-away air filter units, “TA”.

Dry-type, throw-away air filter units designated “Extended Surface Pleated Air Filter”, “Pleat”, “Pleated Air Filter”, “Diamond Pleat”, “High Temperature Pleat” and “Dustgrabber”.

Throw away air filter media rolls and pads designated NF600PS, ZF45208, ZF45150, NF500/S, NF300, 09-020, 03-082, 03-072, 04-086, 04-098 and Bactefilt ZF, NGB290 and T209S.

Washable, dry-type air filter units designated “Electrostatic Filters”.

Throw-away air filter units designated “Cube”, “Ring Panel”, “Sleeve Roll”, “Link Filters” and “FG1 Panel” and “OPT 1 Panel”.

Throw-away air filter units designated “Rigid Cell”, “Rigid Pack” or “RC” or “RS” or “RF”.

Dry-type, extended area, throw away air filter unit designated “Rigid Pack”, “Rigid Cell”.

Replaceable media air filter unit designated “Replacement Media Type S, Type H or Type G”.

Dry-type throw-away pleated air filter unit designated as “Carbon Impregnated Pleated Air Filters”, “Carbon Pleated Air Filter” and “Carbon Pleat”.

Replacement dry type, washable dry-type or replaceable adhesive coated air filter pads or rolls “repackaged” designated as “Pad Filters,” and “Replaceable Roll Media”.

Dry type air filter media, designated “Optima”.

Dry-type, throw-away air filter unit designated “HEPA Filter”, “ULPA Filter”, “HEPA/BioSafety Filter”.

