

PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY 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](http://www.ul.com/database) .

Corporate Headquarters

333 Pfingsten Rd.
Northbrook,
IL 60062-2096
Phone: +1.847.272.8800
Phone: Customer Service: +1.877.UL.HELPS (1.877.854.3577)
E-mail: cec.us@us.ul.com

For a list of UL Worldwide locations, please visit:
<http://ul.com/global/eng/pages/corporate/contactus/>

Founded in 1894, UL is dedicated to working for a safer world. UL operates facilities throughout the world for the testing, certification and quality assessment of products, systems and services. With an unwavering commitment to public safety and societal well-being, UL provides the highest level of conformity assessment services to its global clients.

© 2012 UL LLC

Plumbing and Associated Products Directory

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
Plumbing and Associated Products (AAPP)	x

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

Appliance Outlet Centers (AUJZ)	1
Backflow Special Check Valve Devices (BAEU)	2
Boilers, Electric (BDJS)	9
Carbonators (CZKR)	11
Cleaning Machines (DMDT)	11
Drinking Water System Components (FDNP)	15
Drinking Water Treatment Chemicals (FDPH)	134
Drinking Water Treatment Units (FDQD)	185
Fountains, Small Decorative (IQRW)	187
Heaters and Heating Equipment (KKBV)	187
Heating Appliances (KTCR)	194
Hose Couplers (MYKV)	205
Hydromassage Bathtubs (NCHX)	205
Laundry Equipment Accessories Classified for Use in Specified Equipment (OOWK)	211
Motorized Hose Reel Water Cabinets (PRFB)	211
Packaged Pumping Systems (QCZJ)	211
Personal Protective Equipment (QGSY)	215



Documents

Document Sharing Hub

Pipe, Fabricated Ductile Iron (QLLS)	216
Pipe Joint Sealing Compounds (QLSR)	216
Plumbing Accessories (QMTX)	218
Plumbing Accessories for Recreational Vehicles (QNAW)	222
Plumbing Products (QNJA)	223
Lead Content Verification of Products in Contact with Potable Water (QNVB)	229
Pumps, Electrically Operated, Liquid (REUZ)	231
Refrigeration Equipment (SCER)	237
Sanitation, Food Service Equipment (TSQS)	270
Solar Energy Systems Equipment (UZST)	280
Solvent Cements (VBEW)	281
Station Inlets and Outlets (VXHT)	281
Swimming Pool and Spa Equipment (WABX)	290
Vending Machines (YWXV)	306
Washing Machines (ZCTT)	308
Washing Machines, Classified (ZCTX)	309
Waste Disposers (ZDHR)	310
Water Softeners, Demineralizers and Water Treatment Units (ZDUZ)	311

Indexes:

LIST OF COMPANY IDENTIFICATIONS	313
INDEX OF COMPANIES	317
INDEX OF PRODUCT CATEGORIES	326

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

UL Marks	327
Conformity Assessment Services	327
Listing Service	327
Classification Service	329
Component Recognition Service	329
Multiple Product Category Investigation	330
Certificate Service	330
Multiple Listing, Recognition or Classification Service	330

Other UL Services

Field Engineering Services	331
Field Evaluation Service	331
Field Inspection Service	331
Electromagnetic Compatibility Testing	332
<i>The International “emc-Mark”</i>	332
Performance Testing	332
<i>LAN Cable Performance Testing</i>	332
<i>Energy Verification Service</i>	332
<i>Other Performance Testing</i>	332
International Certification	333
Specialized Services	333
Customer Service Professionals (CSPs)	333



Regulatory Services	333
Local Engineering Services	334
Fact-Finding Investigations	334
Research Services	334
Verification Services Testing and Auditing	334

UL Information Services 335

UL's Technical Information Services	335
Product Directory CDs	335
UL's Website	335
Helping Clients Promote Their UL Certification in Advertising Materials	335
UL Standards for Safety	336
<i>Standards and Standards-on-Diskette Subscription Services</i>	<i>336</i>
<i>UL Standards Publications</i>	<i>336</i>
<i>UL StandardsInfoNet</i>	<i>336</i>
UL Knowledge Services	336
Regulatory Services Staff	338

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.

UL permits the reproduction of the material contained in the UL Product Directories subject to the following conditions: 1. The Guide Information, Designs and /or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the UL Product Directory with permission from UL LLC." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2012 UL LLC."

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



[identification of standard]

LISTED

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.

Plumbing and Associated Products (AAPP)

GENERAL

Plumbing products include plumbing fixtures, fixture fittings, pipe and fittings, and appliances, as well as accessories associated with such equipment.

This equipment is intended for use only as described in the general Guide Information for each product category and individual Listings. This equipment has only been investigated for use as described in the instructions and markings provided with the equipment. The use of the equipment 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.

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.



Documents

Document Sharing Hub

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.

.....

Regulatory Services	333
Local Engineering Services	334
Fact-Finding Investigations	334
Research Services	334
Verification Services Testing and Auditing	334
UL Information Services	335
UL's Technical Information Services	335
Product Directory CDs	335
UL's Website	335
Helping Clients Promote Their UL Certification in Advertising Materials	335
UL Standards for Safety	336
<i>Standards and Standards-on-Diskette Subscription Services</i>	<i>336</i>
<i>UL Standards Publications</i>	<i>336</i>
<i>UL StandardsInfoNet</i>	<i>336</i>
UL Knowledge Services	336
Regulatory Services Staff	338

2012 PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY

APPLIANCE OUTLET CENTERS (AUJZ)

APPLIANCE OUTLET CENTERS (AUJZ)

This category covers appliance outlet centers, which are factory-built assemblies incorporating pre-installed materials and equipment which, after installation, are usually concealed and may not be accessible for inspection at the installation site.

Materials, including the methods used for installation of electrical, mechanical and plumbing equipment incorporated in these assemblies by their manufacturer have been investigated for installation requirements in accordance with ANSI/NFPA 70, "National Electrical Code," NFPA's National Fire Codes, and model building, plumbing and mechanical codes.

Appliance outlet centers are intended for installation subject to approval by the Authority Having Jurisdiction.

Appliance outlet centers consist of one or more electrical outlets and may have one or more outlets of another type (i.e., gas, steam, water supply and drain) supported within a suitable enclosure. The enclosure itself may consist of individual components providing some compartmentalization and a single cover may be provided to enclose all compartments. They are intended for permanent indoor installation where more than one appliance may be used simultaneously. They are intended for connection to feeder circuits consistent with their marked ratings.

Components utilized in the assembly of appliance outlet centers are intended to be suitable for the use and are investigated to conform with the standard for safety which would be used if the component were to be submitted separately.

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.

COMMERCIAL APPLIANCE OUTLET CENTERS (AUUZ)

USE AND INSTALLATION

This category covers appliance outlet centers, which consist of a group of outlets with or without suitable branch circuit overcurrent protective devices, branch-circuit switching and/or timer provisions. This category also covers appliance outlet center enclosures intended for use with specific appliance outlet centers.

These products are not intended for use in residential dwellings.

Commercial appliance outlet centers may be provided as complete assemblies or as open-type designs intended to be mounted in specific enclosures. Devices that constitute an open-type assembly are marked to identify the specific commercial appliance outlet center enclosure into which they are intended to be installed. In addition, the enclosures are marked to indicate the specific commercial appliance outlet center(s) intended for use within the enclosure.

ADDITIONAL INFORMATION

For additional information, see Appliance Outlet Centers (AUJZ), Electrical Equipment for Use in Ordinary Locations (AALZ) and Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 891, "Dead-Front Switchboards."

These products are additionally investigated using ANSI/NFPA 70, "National Electrical Code" (NEC), to ensure compliance with the installation and use provisions of the NEC.

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 "Commercial Appliance Outlet Center" or "Commercial Appliance Outlet Center Enclosure."

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.

AMERICAN FOODSERVICE, DIV OF STANDEX INTERNATIONAL 735 FLORENCE RD, SAVANNAH TN 38372	E328929
BOSTON RETAIL PRODUCTS INC 400 RIVERSIDE AVE, MEDFORD MA 02155	E235726
CACO MANUFACTURING CORP 5816 HEISER, HOUSTON TX 77087	E335262
CADDY CORP OF AMERICA PURELAND INDUSTRIAL PARK 509 SHARPTOWN RD PO BOX 345, BRIDGEPORT NJ 08014	E75612
COMBINED UTILITIES BOX SYSTEMS INC #4 5325 N COMMERCE AVE, MOORPARK CA 93021	E304966
COMMERCIAL KITCHENS INC 2320 PEYTON, HOUSTON TX 77032	E235500
COMMERCIAL STAINLESS FABRICATORS INC 1035 COBB IND PARK, MARIETTA GA 30066	E313516
DUNCAN FABRICATING CO 2505 S PARK DR, BIRMINGHAM AL 35211	E32316
EATON 4201 N 27TH ST, MILWAUKEE WI 53216	E229162
GAYLORD INDUSTRIES 10900 SW AVERY ST, TUALATIN OR 97062	E73542



Commercial Appliance Outlet Centers (AUUZ)–Continued

GREENHECK FAN CORP, DBA ACCUREX L L C 1100 INDUSTRIAL AVE PO BOX 410, SCHOFIELD WI 54476	E313951
GREENHECK FAN CORP 400 ROSS AVE PO BOX 410, SCHOFIELD WI 54476	E200616
H & K INTERNATIONAL INC 2200 SKYLINE DR, MESQUITE TX 75149	E152104
HALTON INDOOR CLIMATE SYSTEMS LTD 1021 BREVIK PL, MISSISSAUGA, ON L4W 3R7 CANADA	E123959
HIGH MARK MFG INC 205 SW 12TH ST, LOVELAND CO 80537	E237666
HOOD DEPOT INTERNATIONAL INC SUITE H 710 S POWER LINE RD, DEERFIELD BEACH FL 33442	E192857
HUBBELL INC WIRING DEVICE DIV 40 WATERVIEW DR, SHELTON CT 06484	E302222
LAUNDRY SYSTEMS OF THE CAROLINAS 3611 E CROFT CIR, SPARTANBURG SC 29302	E208649
LOW TEMP INDUSTRIES INC, DBA LTI 1912 TARA BLVD PO BOX 795, JONESBORO GA 30237	E76672
MCDONALD'S CORP KROC DR C O B, OAK BROOK IL 60521	E137534
SOUTHERN ENGINEERING, DIV OF DUKE MFG CO 2305 N BROADWAY, ST LOUIS MO 63102	E169140
SPENCER FABRICATIONS INC 29511 COUNTY RD 561, TAVARES FL 32778	E199192
SUN AIR 4031 TULL AVE, MUSKOGEE OK 74403	E245206
UNIFIED BRANDS INC 1055 MENDELL DAVIS DR, JACKSON MS 39272	E56744
WIREMOLD CO 60 WOODLAWN ST, WEST HARTFORD CT 06110	E317375

RESIDENTIAL APPLIANCE OUTLET CENTERS (AVGQ)**USE**

This category covers appliance outlet centers intended for use in residential dwellings.

ADDITIONAL INFORMATION

For additional information, see Appliance Outlet Centers (AUJZ), Electrical Equipment for Use in Ordinary Locations (AALZ) and Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic requirements used to investigate products in this category are contained in ANSI/NFPA 70, "National Electrical Code."

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 "Residential Appliance Outlet Center."

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.

IPS CORP 202 INDUSTRIAL PARK LN, COLLIERVILLE TN 38017	E32022
--	---------------

BACKFLOW SPECIAL CHECK VALVE DEVICES (BAEU)**GENERAL**

This category covers backflow special check valves consisting of the following types:

- Double check (DC)
- Double-check detector type (DCD)
- Reduced pressure (RP)
- Reduced-pressure detector type (RPD)

These devices consist of the reduced-pressure-principle type and the double-check-valve type. Both types of valves may include a bypass meter assembly and are designated as detector type. They have been certified as to friction loss and strength of body only.

These devices are intended for use in fire-service systems for rated pressures not exceeding 175 psig for sizes 3/4 through 10 in.

These devices have not been investigated for use in potable water systems.

Each valve is provided with the manufacturer's installation instructions, which include flow performance information from zero flow to flowing velocities in excess of 15 ft/s.

Valves are intended for horizontal (H) installation only unless specifically indicated for horizontal installation and vertical (V) upward flow installation as described in the individual certifications.

Requirements for the installation and use of these valves are included in National Fire Protection Association standards for the installation of fire-protection systems employing water, such as:

ANSI/NFPA 13, "Installation of Sprinkler Systems"

ANSI/NFPA 14, "Installation of Standpipe and Hose Systems"

ANSI/NFPA 15, "Water Spray Fixed Systems for Fire Protection"

ANSI/NFPA 20, "Installation of Stationary Pumps for Fire Protection"

ANSI/NFPA 22, "Water Tanks for Private Fire Protection"

ANSI/NFPA 24, "Installation of Private Fire Service Mains and Their Appurtenances"

Authorities Having Jurisdiction should be consulted before installation.

ADDITIONAL INFORMATION

For additional information, see Fire Protection Equipment (AAPP) and Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic standard used to investigate products in this category is UL 1469, "Strength of Body and Hydraulic Pressure Loss Testing of Backflow Special Check Valves."

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:

BACKFLOW SPECIAL CHECK VALVE DEVICE AS TO FRICTION LOSS AND BODY STRENGTH 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.

AMES CO INC

1485 TANFORAN AVE, WOODLAND CA 95776

EX3872

Backflow special check valves for a max. working pressure of 175 psi in the following models, types and sizes:

Model	Type	Size In.	Installation Orientation
200B	DC	3/4, 1, 1-1/4, 1-1/2, 2	H, V
2000B	DC	3/4, 1-1/4, 1-1/2	H, V
2000B	DC	1, 2	H, V
2000CIV	DC	4, 6, 8, 10	H
2000DC	DC	10	H
2000DCA	DC	8	H
2000SE	DC	2-1/2, 6, 8	H, V
2000SS	DC	2-1/2, 3, 4, 6, 8, 10, 12	H, V
2000SSF	DC	2-1/2, 3, 4	H, V
2000B-FP	DC	3/4, 1, 1-1/4, 1-1/2, 2	H, V
2001SS	DC	3, 4, 6, 8	H, V
2001SSN	DC	3, 4, 6, 8	H
2001SSZ	DC	3, 4, 6, 8	H
3001SS	DCD	3, 4, 6, 8	H, V
3001SSN	DCD	3, 4, 6, 8	H
3001SSZ	DCD	3, 4, 6, 8	H
3000B	DCD	2, 2-1/2	H, V
3000CIV	DCD	4, 6, 8, 10	H
3000DCDC	DCD	10	H
3000SE	DCD	2-1/2, 6, 8	H, V
3000SS	DCD	2-1/2, 3, 4, 6, 8, 10, 12	H, V
3000SSF	DCD	2-1/2, 3, 4	H, V
3000B-FP	DCD	2	H
4000B	RP	3/4, 1-1/4, 1-1/2, 2	H, V
4000B	RP	1	H, V
400B	RP	3/4, 1, 1-1/4, 1-1/2, 2	H
4000CIV	RP	2-1/2, 3, 4, 6, 8, 10	H
4000RP	RP	6, 8, 10	H
4000SS	RP	2-1/2, 3, 4, 6, 8, 10	HV
4000B-FP	RP	3/4, 1, 1-1/4, 1-1/2, 2	H, V
4001SS	RP	3, 4, 6	H
4001SSN	RP	3, 4, 6	H
4001SSZ	RP	3, 4, 6	H
5000	RPD	4, 6, 8, 10	H
5000CIV	RPD	2-1/2, 3, 4, 6, 8, 10	H
5000SS	RPD	2-1/2, 3, 4, 6, 8, 10	HV
5001SS	RPD	3, 4, 6	H
5001SSN	RPD	3, 4, 6	H
5001SSZ	RPD	3, 4, 6	H
Colt 200	DC	2-1/2	H, V
		3	H, V
		4	H, V
		6	H, V
		8	H, V
		10	H, V



Documents

Document Sharing Hub

2012 PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY

4

BACKFLOW SPECIAL CHECK VALVE DEVICES (BAEU)

Model	Type	Size In.	Installation Orientation
Colt 200N	DC	2-1/2	H
		3	H
		4	H
		6	H
		8	H
Maxim 200	DC	10	H
		2-1/2	H,V
		3	H,V
		4	H,V
		6	H,V
Maxim 200N	DC	8	H,V
		10	H,V
		2-1/2	H
		3	H
		4	H
Colt 200A	DC	6	H
		8	H
		10	H
		2-1/2	H,V
		3	H,V
Colt 200NA	DC	4	H,V
		6	H,V
		2-1/2	H
		3	H
		4	H
Maxim 200A	DC	6	H
		2-1/2	H,V
		3	H,V
		4	H,V
Maxim 200NA	DC	2-1/2	H
		3	H
		4	H
		2-1/2	H,V
		3	H,V
Colt 300	DCDA	4	H,V
		2-1/2	H,V
		3	H,V
		4	H,V
		6	H,V
Colt 300N	DCDA	8	H,V
		10	H,V
		2-1/2	H
		3	H
		4	H
Maxim 300	DCDA	6	H
		8	H
		10	H
		2-1/2	H,V
		3	H,V
Maxim 300N	DCDA	4	H,V
		6	H,V
		8	H,V
		10	H,V
		2-1/2	H
Colt 300A	DCDA	3	H
		4	H
		6	H
		8	H
		10	H
Colt 300NA	DCDA	2-1/2	H,V
		3	H,V
		4	H,V
		6	H,V
		2-1/2	H
Maxim 300A	DCDA	3	H
		4	H
		6	H
		2-1/2	H,V
		3	H,V
Maxim 300NA	DCDA	4	H,V
		2-1/2	H
		3	H
		4	H
		6	H
Colt 400	RP	2-1/2	H
		3	H
		4	H
		6	H
		8	H
Colt 400N	RP	10	H
		2-1/2	H
		3	H
		4	H
		6	H
Colt 400Z	RP	8	H
		10	H
		2-1/2	H
		3	H
		4	H



Documents
Document Sharing Hub

2012 PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY

BACKFLOW SPECIAL CHECK VALVE DEVICES (BAEU)

5

Model	Type	Size In.	Installation Orientation
Maxim 400	RP	4	H
		6	H
		8	H
		10	H
		2-1/2	H
Maxim 400N	RP	3	H
		4	H
		6	H
		8	H
		10	H
Maxim 400Z	RP	2-1/2	H
		3	H
		4	H
		6	H
		8	H
Colt 500	RPDA	10	H
		2-1/2	H
		3	H
		4	H
		6	H
Colt 500N	RPDA	8	H
		10	H
		2-1/2	H
		3	H
		4	H
Colt 500Z	RPDA	6	H
		8	H
		10	H
		2-1/2	H
		3	H
Maxim 500	RPDA	4	H
		6	H
		8	H
		10	H
		2-1/2	H
Maxim 500N	RPDA	3	H
		4	H
		6	H
		8	H
		10	H
Maxim 500Z	RPDA	2-1/2	H
		3	H
		4	H
		6	H
		8	H

CONBRACO INDUSTRIES INC

EX4181

1418 S PEARL ST PO BOX 125, PAGELAND SC 29728

Backflow special check valves for a maximum working pressure of 175 psi in the following models, types and sizes:

Model	Type	Size In.	Installation Orientation
2-1/2DC	DC	2-1/2	H,V
2-1/2DCDA	DCD	2-1/2	H,V
3DC	DC	3	H,V
3DCDA	DCD	3	H,V
4DC	DC	4	H,V
4DCDA	DCD	4	H,V
6DC	DC	6	H,V
6DCDA	DCD	6	H,V
8DC	DC	8	H,V
8DCDA	DCD	8	H,V
8DCDAU	DCD	8	H
8RP	RP	8	H
8RPU	RP	8	H
8RPZ	RP	8	H
10DC	DC	10	H,V
10DCDA	DCD	10	H,V
10DCU	DC	10	H



Documents

Document Sharing Hub

2012 PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY

6

BACKFLOW SPECIAL CHECK VALVE DEVICES (BAEU)

Model	Type	Size In.	Installation Orientation
10RP	RP	10	H
10RPU	RP	10	H
10RPZ	RP	10	H
40-204-FP1	RP	3/4	H
40-204-FP1S	RP	3/4	H
40-205-FP1	RP	1	H
40-205-FP1S	RP	1	H
40-206-FP1	RP	1-1/4	H
40-207-FP1	RP	1-1/2	H
40-208-FP1	RP	2	H
40-200	RP	3	H
40-20A	RP	4	H
40-20C	RP	6	H
40-20E	RP	8	H
40-20G	RP	10	H
40-700	RPD	3	H
40-70A	RPD	4	H
40-70C	RPD	6	H
40-70E	RPD	8	H
40-70G	RPD	10	H
40-104-FP1	DC	3/4	H,V
40-105-FP1	DC	1	H,V
40-106-FP1	DC	1-1/4	H,V
40-107-FP1	DC	1-1/2	H,V
40-108-FP1	DC	2	H,V
40-109	DC	2-1/2	H,V
40-100	DC	3	H,V
40-600	DCD	3	H,V
40-10A	DC	4	H,V
40-60A	DCD	4	H,V
40-60C	DCD	6	H,V
40-10C	DC	6	H,V
40-10E	DC	8	H,V
40-60E	DCD	8	H,V
40-10G	DC	10	H,V
40-60G	DCD	10	H,V
2-1/2 RP	RP	2-1/2	H
2-1/2 RP-U	RP	2-1/2	H
2-1/2 RP-Z	RP	2-1/2	H
3 RP	RP	3	H
3 RP-U	RP	3	H
3 RP-Z	RP	3	H
4 RP	RP	4	H
4 RP-U	RP	4	H
4 RP-Z	RP	4	H
6 RP	RP	6	H
6 RP-U	RP	6	H
6 RP-Z	RP	6	H
4D-109	DC	2-1/2	H, V
4D-609	DCD	2-1/2	H, V
4D-209	RP	2-1/2	H
4D-709	RPD	2-1/2	H
4D-100	DC	3	H, V
4D-600	DCD	3	H, V
4D-200	RP	3	H
4D-700	RPD	3	H
4D-10A	DC	4	H, V
4D-60A	DCD	4	H, V
4D-20A	RP	4	H
4D-70A	RPD	4	H
4D-10C	DC	6	H, V
4D-60C	DCD	6	H, V
4D-20C	RP	6	H
4D-70C	RPD	6	H
4D-10E	DC	8	H, V
4D-60E	DCD	8	H, V
4D-20E	RP	8	H
4D-70E	RPD	8	H
4D-10G	DC	10	H, V
4D-60G	DCD	10	H, V
4D-20G	RP	10	H
4D-70G	RPD	10	H
4SG-100	DC	2-1/2, 3, 4, 6, 8	H, V, U-Flow
4SG-600	DCD	2-1/2, 3, 4, 6, 8	H, V, U-Flow
DUC4FP	DC	1, 1-1/4	H, V
DC 4A	DC	3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 6, 8	H, V
DCLF 4A	DC	2-1/2, 3, 4, 6, 8	H, V
DC 4A	DC	10, 12	H
DCLF 4A	DC	10, 12	H
DCDA 4A	DCD	2-1/2, 3, 4, 6, 8	H, V
DCDALF 4A	DCD	2-1/2, 3, 4, 6, 8	H, V
DCDA 4A	DCD	10, 12	H
DCDALF 4A	DCD	10, 12	H



Documents

Document Sharing Hub

Model	Type	Size In.	Installation Orientation
DCDA2 4A	DCD	2-1/2, 3, 4, 6, 8	H, V
DCDA2LF 4A	DCD	2-1/2, 3, 4, 6, 8	H, V
DCDA2 4A	DCD	10, 12	H
DCDA2LF 4A	DCD	10, 12	H
DC 4AN	DC	2-1/2, 3, 4, 6, 8, 10, 12	n-Flow
DCLF 4AN	DC	2-1/2, 3, 4, 6, 8, 10, 12	n-Flow
DCDA 4AN	DCD	2-1/2, 3, 4, 6, 8, 10, 12	n-Flow
DCDALF 4AN	DCD	2-1/2, 3, 4, 6, 8, 10, 12	n-Flow
DCDA2 4AN	DCD	2-1/2, 3, 4, 6, 8, 10, 12	n-Flow
DCDA2LF 4AN	DCD	2-1/2, 3, 4, 6, 8, 10, 12	n-Flow
RP 4A	RP	3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 6, 8, 10, 12	H
RPLF 4A	RP	2-1/2, 3, 4, 6, 8, 10, 12	H
RPDA 4A	RPD	2-1/2, 3, 4, 6, 8, 10, 12	H
RPDALF 4A	RPD	2-1/2, 3, 4, 6, 8, 10, 12	H
RPDA2 4A	RPD	2-1/2, 3, 4, 6, 8, 10, 12	H
RPDA2LF 4A	RPD	2-1/2, 3, 4, 6, 8, 10, 12	H
RP 4AN	RP	2-1/2, 3, 4, 6, 8	n-Flow, Z-Flow
RPLF 4AN	RP	2-1/2, 3, 4, 6, 8	n-Flow, Z-Flow
RP 4AN	RP	10, 12	n-Flow
RPLF 4AN	RP	10, 12	n-Flow
RPDA 4AN	RPD	2-1/2, 3, 4, 6, 8	n-Flow, Z-Flow
RPDALF 4AN	RPD	2-1/2, 3, 4, 6, 8	n-Flow, Z-Flow
RPDA 4AN	RPD	10, 12	n-Flow
RPDALF 4AN	RPD	10, 12	n-Flow
RPDA2 4AN	RPD	2-1/2, 3, 4, 6, 8	n-Flow, Z-Flow
RPDA2LF 4AN	RPD	2-1/2, 3, 4, 6, 8	n-Flow, Z-Flow
RPDA2 4AN	RPD	10, 12	n-Flow
RPDA2LF 4AN	RPD	10, 12	n-Flow

H = Horizontal

V = Vertical

U-Flow or n-Flow = Orientation in which the horizontal supply pipe is elbowed vertically upward and subsequently horizontal, with the valve in-line horizontal, and then the discharge pipe is elbowed vertically downward and subsequently elbowed back to horizontal.

Z-Flow = Orientation in which the horizontal supply pipe is elbowed vertically upward where attachment to the inlet of the valve occurs. Water flows through the valve vertically upward through the horizontal check in the first stage. Water exits the first stage through a horizontal outlet and enters the second stage of the valve and passes through the second check valve that is vertically positioned. Water leaves the valve moving in the vertically upward direction. The discharge of the valve connects to a vertical elbow bringing the water flow back to horizontal.

FEBCO**EX2862**

4381 N BRAWLEY AVE STE 102, FRESNO CA 93722

Backflow special check valves for a max. working pressure of 175 psi in the following models, types, and sizes:

Model	Type	Size In.	Installation Orientation
805 Type YD	DC	2-1/2, 3, 4, 6, 8, 10	H
806 Type YD	DC	3, 4, 6, 8, 10	H
825 Type YD	RP	2-1/2, 3, 4, 6, 8, 10	H
826 Type YD	RP	2-1/2, 3, 4, 6, 8, 10	H
830	DC	4	H, V
831	DCD	4	H, V
850	DC	2-1/2, 3, 4, 6, 8, 10	H, V
856	DCD	2-1/2, 3, 4, 6, 8, 10	H, V
857	DC	2-1/2, 3	H
857DCDA	DCD	2-1/2, 3	H
860	RP	2-1/2, 3, 4, 6, 8, 10	H
866	RP	2-1/2, 3, 4, 6, 8	H, V
867	RP	2-1/2, 3	H
870	DC	2-1/2, 3, 4, 6, 8, 10	H
870V	DC	2-1/2, 3, 4, 6, 8, 10	H, V
876	DC	2-1/2, 3, 4, 6, 10	H
876V	DC	2-1/2, 3, 4, 6, 8, 10	H, V
880	RP	2-1/2, 3, 4, 6, 8, 10	H
880V	RP	2-1/2, 3, 4, 6, 8, 10	H, V
886	RPD	2-1/2, 3, 4, 6, 8	H, V
886V	RPD	2-1/2, 3, 4, 6, 8	H

FLOMATIC CORP**EX15270**

15 PRUYN-S ISLAND DR, GLENS FALLS NY 12801

Backflow special check valves for a max. working pressure of 175 psi in the following models, types and sizes:

Model	Type	Size In.	Installation Orientation
DCV	DC	2-1/2, 3, 4, 6, 8	H
RPZ	RP	2-1/2, 3, 4, 6, 8	H

GRISWOLD INDUSTRIES, DBA CLA-VAL CO

1701 PLACENTIA AVE, COSTA MESA CA 92627

Backflow special check valves for a maximum working pressure of 175, in the following models, types and sizes.

**Documents**

Document Sharing Hub

2012 PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY

8

BACKFLOW SPECIAL CHECK VALVE DEVICES (BAEU)

Model	Type	Size In.	Installation Orientation
RP-4	RP	3,4,6,8,10	H
D-4	DC	3,4,6,8,10	H

WATTS REGULATOR CO

815 CHESTNUT ST, NORTH ANDOVER MA 01845

EX3185

Model	Type	Size In.	Installation Orientation
007	DC	2-1/2, 3	H
007DC/DA	DCD	2, 2-1/2, 3	H
007M1LF	DC	1, 2	H, V
007M1DCDA	DCD	2	H, V
007-FP	DC	3/4, 1, 1-1/4, 1-1/2, 2	H
007DCDA-FP	DCD	3/4, 1, 1-1/4, 1-1/2, 2	H
007M2LF	DC	3/4, 1-1/4, 1-1/2	H, V
07-S	DC	1	H
009	RP	1	H, V
009-FP	RP	3/4, 1, 1-1/4, 1-1/2, 2	H, V
009M2LF	RP	3/4, 1-1/4, 1-1/2, 2	H, V
009RP	RP	2-1/2, 3	H
709	DC	2-1/2, 3	H, V
709	DC	4, 6, 8, 10	H
709DCDA	DCD	2-1/2, 3	H, V
709DCDA	DCD	4, 6, 8, 10	H
719LF	DC	3/4, 1, 1-1/4, 1-1/2, 2	H, V
757	DC	2-1/2, 3, 4, 6, 8, 10	H, V
757DCDA	DCD	2-1/2, 3, 4, 6, 8, 10	H, V
757a	DC	2-1/2, 3, 4, 6	H, V
757a DCDA	DCD	2-1/2, 3, 4, 6	H, V
757N	DC	2-1/2, 3, 4, 6, 8, 10	H
757N DCDA	DCD	2-1/2, 3, 4, 6, 8, 10	H
757Na	DC	2-1/2, 3, 4, 6	H
757Na DCDA	DCD	2-1/2, 3, 4, 6	H
767	DC	2-1/2, 3, 4, 6, 8, 10	H, V
767DCDA	DCD	2-1/2, 3, 4, 6, 8, 10	H, V
767a	DC	2-1/2, 3, 4	H, V
767a DCDA	DCD	2-1/2, 3, 4	H, V
767N	DC	2-1/2, 3, 4, 6, 8, 10	H
767N DCDA	DCD	2-1/2, 3, 4, 6, 8, 10	H
767Na	DC	2-1/2, 3, 4	H
767Na DCDA	DCD	2-1/2, 3, 4	H
773	DC	4, 6	H, V
773DCDA	DCD	4, 6	H, V
774	DC	2-1/2, 3, 4, 6, 8, 10, 12	H, V
774DCDA	DCD	2-1/2, 3, 4, 6, 8, 10, 12	H, V
774X	DC	6, 8	H, V
774XDCDA	DCD	6, 8	H, V
775	DC	3, 4, 6, 8	H, V
775DCDA	DCD	3, 4, 6, 8	H, V
N775	DC	3, 4, 6, 8	H
N775DCDA	DCD	3, 4, 6, 8	H
909	RP	2-1/2, 3, 4, 6, 8, 10	H
909RPDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
919 LF	RP	3/4, 1, 1-1/4, 1-1/2, 2	H, V
957	RP	2-1/2, 3, 4, 6, 8, 10	H
957 RPDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
957N	RP	2-1/2, 3, 4, 6, 8, 10	H
957N RPDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
957Z	RP	2-1/2, 3, 4, 6, 8, 10	H
957Z RPDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
967	RP	2-1/2, 3, 4, 6, 8, 10	H
967 RPDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
967N	RP	2-1/2, 3, 4, 6, 8, 10	H
967N RPDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
967Z	RP	2-1/2, 3, 4, 6, 8, 10	H
967Z RPDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
993	RP	4, 6	H, V
993RPDA	RPD	4, 6	H, V
994	RP	8, 10	H, V
994LF	RP	4, 6, 8, 10	H, V
994RPDA	RPD	4, 6	H, V
994RPDA	RPD	8, 10	H, V
995	RP	3, 4, 6	H
995RPDA	RPD	3, 4, 6	H
N995	RP	3, 4, 6	H
N995RPDA	RPD	3, 4, 6	H
Z995	RP	3, 4, 6	H
Z995RPDA	RPD	3, 4, 6	H

ZURN INDUSTRIES INC WILKINS REGULATOR DIV
1747 COMMERCE WAY, PASO ROBLES CA 93446



Documents
EX3958
Document Sharing Hub

Backflow special check valve devices for a maximum working pressure of 175 psi in the following models, types and sizes:

Model	Type	Size In.	Installation Orientation
350L	DC	3/4, 1, 1-1/4, 1-1/2, 2	H, V
350LXL	DC	3/4, 1, 1-1/4, 1-1/2, 2	H, V
350	DC	2-1/2, 3, 4, 6, 8, 10	H, V
350	DC	12	H
350A	DC	2-1/2, 3, 4, 6, 8, 10	H, V
350AR	DC	2-1/2, 3, 4, 6, 8, 10	H, V
350AST	DC	2-1/2, 3, 4, 6, 8, 10	H, V
350ASTR	DC	2-1/2, 3, 4, 6, 8, 10	H, V
350ADA	DCD	2-1/2, 3, 4, 6, 8, 10	H, V
350ADAR	DCD	2-1/2, 3, 4, 6, 8, 10	H, V
350DA	DCD	2-1/2, 3, 4, 6, 8, 10	H, V
350DA	DCD	12	H
350ASTDA	DCD	2-1/2, 3, 4, 6, 8, 10	H, V
375L	RP	3/4, 1, 1-1/4, 1-1/2, 2	H
375LXL	RP	3/4, 1, 1-1/4, 1-1/2, 2	H
375	RP	2-1/2, 3, 4, 6, 8, 10	H
375A	RP	2-1/2, 3, 4, 6, 8, 10	H
375AR	RP	2-1/2, 3, 4, 6, 8, 10	H
375AST	RP	2-1/2, 3, 4, 6, 8, 10	H
375ASTR	DC	2-1/2, 3, 4, 6, 8, 10	H, V
375ADA	RPD	2-1/2, 3, 4, 6, 8, 10	H
375ADAR	RPD	2-1/2, 3, 4, 6, 8, 10	H
375DA	RPD	2-1/2, 3, 4, 6, 8, 10	H
375ASTDA	RPD	2-1/2, 3, 4, 6, 8, 10	H
450	DC	2-1/2, 3, 4, 6, 8, 10	H
450DA	DCD	4, 6, 8, 10	H
475	RP	2-1/2, 3, 4, 6, 8, 10	H
475DA	RPD	4, 6, 8, 10	H
475DAV	RPD	4, 6, 8, 10	V
475V	RP	2-1/2, 3, 4, 6, 8, 10	V
700FP	DC	1, 1-1/4, 1-1/2	H, V
950	DC	2-1/2, 3, 4, 6, 8, 10	H
950DA	DCD	2-1/2, 3, 4, 6, 8, 10	H
950LF	DC	3/4, 1, 1-1/4, 1-1/2, 2	H
950LLF	DC	3/4, 1, 1-1/4, 1-1/2, 2	H
950XL	DC	3/4, 1, 1-1/4, 1-1/2, 2	H
950XLTFB	DC	1-1/4, 1-1/2, 2	H, V
950XLTFBSS	DC	1-1/4, 1-1/2, 2	H, V
950XLTD	DCD	2	H, V
950XLTDABF	DCD	2	H, V
950XLTDABFSS	DCD	2	H, V
975	RP	2-1/2, 3, 4, 6, 8, 10	H
975DA	RPD	2-1/2, 3, 4, 6, 8, 10	H
975LF	RP	3/4, 1, 1-1/4, 1-1/2, 2	H
975LLF	RP	3/4, 1, 1-1/4, 1-1/2, 2	H
975XL	RP	3/4, 1, 1-1/4, 1-1/2, 2	H

These devices have been evaluated for strength of body and friction loss only.

BOILERS, ELECTRIC (BDJS)

GENERAL

This category covers electrically heated steam and hot water boilers that are within the scope of ASME Boiler and Pressure Vessel Codes, Volume I (Power Boilers) and Volume IV (Heating Boilers). This category may also include water heaters if, based on water temperature, input rating, or water tank capacity, they fall under the scope of the above ASME codes.

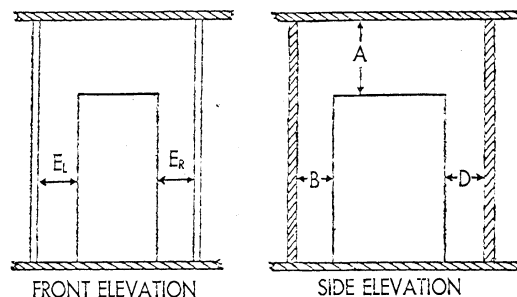
The pressure vessels of these appliances are constructed and stamped in accordance with the applicable section of the ASME Boiler and Pressure Vessel Code. The boilers are equipped with necessary temperature- or pressure-regulating and limit controls and with the appropriate ASME-rated pressure relief devices, and are marked with the appropriate ASME symbol.

INSTALLATION

Each boiler is provided with a marking that indicates the floor material (combustible or noncombustible) on which the boiler may be mounted and the necessary clearances from all other surfaces of the boiler to combustible materials.

The minimum acceptable clearances in inches between the boiler surfaces and adjacent combustible surfaces, the type of flooring required for mounting the boiler and the proper installation in an alcove or closet are indicated on the published printed cards by appropriate symbols and dimensions. The clearances so designated are the minimum required to avoid overheating; additional clearances may be required for accessibility. Each clearance requirement is indicated on the published printed cards by appropriate symbols and dimensions.

A boiler installation is indicated as follows:



Installation Symbols and Abbreviations

Descriptions of symbols and abbreviations applicable to the installation of electric boilers are as follows:

- A** – Clearance above top of boiler
- B** – From front of boiler. Prefix “C” to numeral indicates suitability for closet or alcove installations; prefix “A” indicates suitability for alcove installation only
- D** – From back of boiler
- E_L** – From left side of boiler
- E_R** – From right side of boiler
- F** – Indicates type of flooring: NC = Noncombustible, C = Combustible; numeral indicates minimum clearance below suspended units to combustible floor
- G** – Total minimum free area, in square inches, of closet ventilating openings

RELATED PRODUCTS

Water heaters for potable water limited to a maximum water temperature of 99°C (210°F) are covered under the various subcategories of the category Water Heaters (KSAV). Other hot water and steam generating equipment employing construction outside the scope of the ASME Boiler and Pressure Vessel Code are covered under the Heaters and Heating Equipment (KKBV) subcategories of Industrial and Laboratory (KQLR); Cooking Appliances, Commercial (KNGT) and Household (KNUR); and Heaters, Miscellaneous (KSOT).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 834, “Heating, Water Supply, and Power Boilers – Electric.”

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 “Electric Boiler,” 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.

A O SMITH WATER PRODUCTS CO 820 SW 41ST ST PO BOX 58549, RENTON WA 98058	E38280
BRYAN STEAM L L C 783 N CHILI AVE, PERU IN 46970	E46032
CEMLINE CORP 808 FREEPORT RD PO BOX 55, CHESWICK PA 15024	E46158
CHROMALOX INC 103 GAMMA DR EXT, PITTSBURGH PA 15238	E46357
CLEAVER-BROOKS INC 11950 W. LAKE PARK DR., MILWAUKEE WI 53224	E121275
COLUMBIA BOILER CO OF POTTSTOWN 390 OLD READING PIKE PO BOX 1070, POTTSTOWN PA 19464	E44752
ELECTRIC HEATER CO 45 SEYMOUR ST PO BOX 288, STRATFORD CT 06615	E51660
ELECTRO-STEAM GENERATOR CORP 50 INDEL AVE PO BOX 438, RANOCAS NJ 08073	E45278
FULTON COMPANIES BLDG A 3981 PORT ST PO BOX 257, PULASKI NY 13142	E45137
GETINGE SOURCING L L C 1777 E HENRIETTA RD, ROCHESTER NY 14623	E103826
HOFFMAN/NEW YORKER INC 46 CLINTON PL, HACKENSACK NJ 07601	E103835
LOCHINVAR CORP 300 MADDOX SIMPSON PKY, LEBANON TN 37090	E48638
P M LATNER MFG CO 1411 9TH ST SW, CEDAR RAPIDS IA 52406	E30432
PRECISION BOILERS INC 5727 SUPERIOR DR, MORRISTOWN TN 37814	E29267
REIMERS ELECTRA STEAM INC 4407 MARTINSBURG PIKE PO BOX 37, CLEAR BROOK VA 22624	E39545
SLANT/FIN CORP 100 FOREST DR AT EAST HILLS, GREENVALE NY 11548	E39326



STEAMIST INC 25 E UNION AVE, EAST RUTHERFORD NJ 07073	E51167
STERIS CORP 5960 HEISLEY RD, MENTOR OH 44060	E143526
SUSSMAN-AUTOMATIC CORPORATION 43-20 34TH ST, LONG ISLAND CITY NY 11101	E39621
TYLOHELO INC, DBA SAUNATEC INC, DBA AMEREC SAUNA & STEAM BLDG C 17683 128TH PL NE, WOODINVILLE WA 98072	E232643
VAPOR POWER INTERNATIONAL 551 COUNTY LINE RD, FRANKLIN PARK IL 60131	E51173
VEIT INC 577 SMITH RD, WINDER GA 30680	E156007

CARBONATORS (CZKR)

USE

This category covers equipment consisting of electric-motor-driven water pumps and mixing chambers intended for mixing water and carbon dioxide gas and storing the mixture under carbon dioxide gas pressure.

The units covered are intended for connection to compressed carbon dioxide cylinders, and for permanent connection to plumbing systems. The mixing storage chambers are provided with suitable pressure-relief valves.

Units may be provided with a means for permanent connection to the electrical system or with a power-supply cord. Units supplied with a power-supply cord are also provided with provision for conversion to permanent connection.

Authorities Having Jurisdiction should be consulted as to the requirements for this equipment with respect to sanitation and connection to water supply lines.

This category does not cover the compressed carbon dioxide cylinders, reducing valves, or associated fittings.

RELATED PRODUCTS

Refrigerated beverage dispensers are covered under Beverage Coolers and Beverage Cooler-Dispensers (SFYW); nonrefrigerated beverage dispensers are covered under Food-preparing Machines, Commercial (IPST).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 73, "Motor-Operated Appliances."

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 "Carbonator."

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.

IMI CORNELIUS INC 101 BROADWAY ST W, OSSEO MN 55369	E54806
LANCER 6655 LANCER BLVD, SAN ANTONIO TX 78219	E52955
MANITOWOC FSG OPERATIONS INC, DBA MANITOWOC BEVERAGE SYSTEMS 2100 FUTURE DR, SELLERSBURG IN 47172	E121373
MANITOWOC FSG OPERATIONS INC, DBA MANITOWOC BEVERAGE SYSTEMS 2100 FUTURE DR, SELLERSBURG IN 47172	E50184

CLEANING MACHINES (DMDT)

This category covers household and commercial dishwashers, motor-operated cleaning machines, electrically-operated high-pressure cleaning machines, vacuum cleaning machines and blower cleaners.

Appliances such as wet-pick-up vacuum cleaners intended to employ water or other solutions with similar characteristics are provided with means for grounding or are double-insulated.

Appliances specified as double insulated are constructed with a special insulating system in lieu of grounding to comply with Sections 250.110 and 250.114 of ANSI/NFPA 70, "National Electrical Code" (NEC). Such appliances are distinctively marked "Double-Insulated" or "Double Insulation."

In cases where the nature or construction of the equipment is such that precautions beyond the requirements of the NEC must be observed in installation or use, suitable warnings are marked on the equipment.

Those cleaning machines which have been found suitable for installation outdoors, or with sections exposed outdoors, are so indicated on the equipment.

The burglary and theft protection features of the coin-operated machines have not been investigated.



Documents

Document Sharing Hub

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.

DISHWASHERS, COMMERCIAL (DMGR)

USE AND INSTALLATION

This category covers commercial, freestanding, undercounter, and counter-insert dishwashers using water as the principal cleaning medium. Commercial dishwashers may be provided with electric heaters, natural or LP-gas equipment or low-pressure steam equipment for water heating. The water is heated in open (atmospheric pressure) tanks.

These dishwashers are intended to be installed in accordance with ANSI/NFPA 70, "National Electrical Code," and ANSI Z223/NFPA 54, "National Fuel Gas Code."

Commercial dishwashers are intended for use in commercial establishments, such as kitchens of restaurants, bars and hospitals, where they are not to be accessible to the public.

REBUILT PRODUCTS

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

RELATED PRODUCTS

For safety requirements of household dishwashers, see Household Dishwashers (DMIY).

For sanitation requirements of household dishwashers, see Residential Dishwashers (TSXU).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 921, "Commercial Electric Dishwashers."

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

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 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.

ALVEY WASHING EQUIPMENT 4600 N MASON MONTGOMERY RD, MASON OH 45040 Dishwashers.	E107949
AMERICAN DISH SERVICE 900 BLAKE ST, EDWARDSVILLE KS 66111 Commercial electric dishwashers, Dishwashers.	E68594
AUTO-CHLOR SYSTEM 746 POPLAR AVE, MEMPHIS TN 38105 Commercial dishwashers.	E34964
BANNER EQUIPMENT CO 1370 BUNGALOW RD, MORRIS IL 60450 Commercial submersible glass washers.	E255251
BELIMED AG DORFSTRASSE 4 CH-6275, BALLWIL SWITZERLAND Commercial dishwashers.	E150954
BLAKESLEE INC SUITE 160 3355 ENTERPRISE AVE, FORT LAUDERDALE FL 33331 Dishwashers.	E22789
BRIGHTWELL DISPENSERS LTD BRIGHTWELL INDUSTRIAL ESTATE NORTON RD, NEWHAVEN, EAST SUSSEX BN9 0JF UNITED KINGDOM Field installed accessories for commercial dishwashers.	E334192
CHAMPION INDUSTRIES 3765 CHAMPION BLVD, WINSTON SALEM NC 27105 Accessory Blowers/Dryers, Commercial Dishwashers, Dishwashers, Glass washers, Power wash sink systems.	E22551
CHEMICAL METHODS ASSOCIATES INC, DBA CMA DISHMACHINES 12700 KNOTT ST, GARDEN GROVE CA 92841 Commercial dishwashers.	E67603
DOUGLAS MACHINES CORP 2101 CALUMET ST, CLEARWATER FL 33765 Panwashers, Power sinks, Rack Washers.	E138609
DUKE MANUFACTURING CO 2305 N BROADWAY, ST LOUIS MO 63102	



Dishwashers, Commercial (DMGR)–Continued

Power Wash Sink Systems.

ECOLAB INC 370 N WABASHA ST EUC 9, ST PAUL MN 55102-1390 Commercial: Detergent dispenser and rinse injector systems, Commercial dishwashers, Detergent dispenser and rinse injector system conversion kits, Dishwashers, Dishwasher sections, Rebuilt dishwashers.	E19842
HARDT EQUIPMENT MFG INC 1756 50TH AVE, LACHINE, QC H8T 2V5 CANADA Power soaker tanks.	E215970
HOBART CORP 701 S RIDGE AVE, TROY OH 45374 Chemical Detection Module Accessories for Commercial Dishwashers, Dishwashers, Condenser, Drain water tempering accessories, Field installed accessories for commercial dishwashers, Pre-wash sections, Sideloaders, Power wash sinks, Utensil washers. Accessories.	E5956
HYGINIX L L C #705, PMB 745 3830 VALLEY CENTER DR, SAN DIEGO CA 92130 Dishwashers, Soak tanks.	E193445
IME SRL VIA BRENNO 21 20853, BIASSONO, MB ITALY Commercial dishwashers.	E306358
INSINGER MACHINE CO 6245 STATE RD, PHILADELPHIA PA 19135 Glasswashers and dishwashers.	E28974
JACKSON MSC INC HWY 25E PO BOX 1060, BARBOURVILLE KY 40906 Chemical detection modules, Dishwashers, Glass washers, Prewash dishwashers.	E25759
JEMI S A SELVA DEL MAR 122-128 08020, BARCELONA SPAIN Glasswashers and dishwashers.	E302390
LAMBER DI AFFABA FRANCESCO & C S N C VIA ITALIA 6 ZONA INDUSTRIALE 26855, LODI VECCHIO, LO ITALY Dishwashers.	E175109
MEIKO MASCHINENBAU GMBH & CO ENGLERSTRASSE 3 77652, OFFENBURG GERMANY Dishwashers, Stationary stand alone types, Stationary stand alone/under counter types.	E207053
METCRAFT INC SUITE 130 903 E 104TH ST, KANSAS CITY MO 64131 Power soak commercial dishwashers.	E228522
MOYER DIEBEL LTD QUEEN ELIZABETH WAY PO BOX 301, JORDAN STATION, ON L0R 1S0 CANADA Glass washers, Commercial dishwashers, Power wash sinks.	E40999
MVP GROUP CORP 5659 ROYALMOUNT AVE, MONTREAL, QC H4P 2P9 CANADA Commercial electric glass washers, Dishwashing machines, Dishwashing and glass washing machines, Glass washing machines.	E347665
PERLICK CORP 8300 W GOOD HOPE RD, MILWAUKEE WI 53223 Glass washers, Commercial dishwashers.	E47448
SALVAJOR CO 4530 E 75TH TER, KANSAS CITY MO 64132 Food waste scrapping and collecting systems, Food waste pre-flushing and disposing systems .	E22306
SPECTANK L L C PO BOX 50574, NASHVILLE TN 37205 Dishwasher soak tanks.	E219881
STERO, DIV OF ILLINOIS TOOL WORKS INC 3200 LAKEVILLE HWY, PETALUMA CA 94954 Commercial Dishwashers: Pan and Utensil washers, Glass Washers, Tray washers, Dishwashers, Conveyor dishwashers, Modular dishwashers sections.	E21933



Dishwashers, Commercial (DMGR)–Continued

WARING PRODUCTS, DIV OF CONAIR CORP E116648
 314 ELLA T GRASSO AVE, TORRINGTON CT 06790
 Bar glass washers.

WELLS MFG CO E27255
 10 SUNNEN DR PO BOX 430129, ST LOUIS MO 63143
 Drop-in disher well warmers, Pot and pan washers.

DISHWASHERS, HOUSEHOLD (DMIY)**USE AND INSTALLATION**

This category covers household dishwashers intended to be installed in accordance with ANSI/NFPA 70, "National Electrical Code." Household dishwashing machines may be of the cord-and-plug-connected or permanently connected type. An undercounter unit may not have a complete enclosure; the unit should be installed beside kitchen cabinets, and an enclosure should be provided at installation. Such units are so marked.

Some cord-connected units are suitable for field conversion to permanently connected installation; conversion instructions are provided with the conversion parts kit.

Some permanently connected type dishwashers may be converted to cord connection by means of a cord kit that is available from the manufacturer of the dishwasher.

The performance and design of household dishwashers have been determined to comply with the current edition of ANSI/ASSE 1006, "Performance Requirements for Residential Use Dishwashers," which covers household dishwashers connected to the potable water supply lines and discharging into the plumbing drainage system.

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ) and Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 749, "Household Dishwashers."

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 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.

ARCELIK A S E257136
 DISHWASHER PLANT ALTINORDU CAD NO 3 OSB SINCAN
 06935, ANKARA TURKEY
 Household type

ASKO APPLIANCES ABSE-534 82 E107986
 VARA SWEDEN
 Dishwashers.

BSH HOME APPLIANCES CORP E103022
 100 BOSCH BLVD, NEW BERN NC 28562
 Accessory, cord kits, Dishwashers, undercounter.

CROSLEY GROUP INC E75892
 SUITE 200 111 CLOVERLEAF DR, WINSTON SALEM NC 27103
 Dishwashers: Undercounter.

DANBY PRODUCTS LTD E236175
 5070 WHITELAW RD PO BOX 1778, GUELPH, ON N1H
 6Z9 CANADA
 Countertop dishwashers, Portable dishwashers, Undercounter dishwashers.

ELECTROLUX HOME PRODUCTS INC E23751
 10200 DAVID TAYLOR DR, CHARLOTTE NC 28262
 Dishwashers: undercounter, portable.
 Accessory kits.

ELECTROLUX HOME PRODUCTS INC E25617
 10200 DAVID TAYLOR DR, CHARLOTTE NC 28262
 Dishwashers: Portable, Undercounters.

FISHER & PAYKEL APPLIANCES LTD E187249
 78 SPRINGS RD EAST TAMAKI, AUCKLAND NEW ZEALAND
 Household, undercounters.

FOSHAN SHUNDE MIDEA WASHING APPLIANCES MFG E219644
CO LTD
 20 GANGQIAN RD BEIJIAO SHUNDE, FOSHAN, GUANGDONG
 528311 CHINA
 Countertop dishwashers, Portable dishwashers, Undercounter dishwashers.

GENERAL ELECTRIC CO GE APPLIANCES
 APPLIANCE PARK, LOUISVILLE KY 40225



Dishwashers, Household (DMIY)–Continued

Dishwashers, Dishwashers, portable, Dishwashers, undercounter.
Dishwasher accessory: Cord kits.
Undercounter dishwashers.

KELVINATOR INC 1545 CLYDE PARK AVE SW, GRAND RAPIDS MI 49509 Accessory kits, Dishwashers.	E29157
KUPPERSBUSCH HAUSGERATE AG KUPPERSBUSCHSTRASSE 16 45883, GELSENKIRCHEN GERMANY Dishwashers, undercounter.	E224234
LG ELECTRONICS INC LG TWIN TOWER 20 YOIDO-DONG YOUNGDUNGPO-GU, SEOUL 150-010 REPUBLIC OF KOREA Dishwashers.	E213533
SEARS ROEBUCK & CO 3333 BEVERLY RD, HOFFMAN ESTATES IL 60179 Dishwashers: Undercounter.	E71378
VIKING RANGE CORP 111 FRONT ST PO BOX 956, GREENWOOD MS 38930 Household dishwashers, Household type.	E253018
WHIRLPOOL CORP GLOBAL WATER TECHNOLOGY ST JOSEPH TECHNOLOGY CENTER MD-0220, BENTON HARBOR MI 49022 Dishwashers, Dishwasher accessories: Cord Kits.	E71195

DRINKING WATER SYSTEM COMPONENTS (FDNP)

GENERAL

This category covers drinking water system products and materials including, but not limited to, barrier materials (coatings, liners, tanks, etc.), joining and sealing materials (gaskets, solvent cements, etc.), mechanical devices (valves, pumps, etc.), mechanical plumbing devices (faucets, aerators, etc.), pipes and related products (pipes, fittings, etc.), and process media (activated carbon, sand, etc.) that come into contact with drinking water or drinking water treatment chemicals in drinking water distribution systems. These components are intended to be installed and used in accordance with applicable plumbing codes.

The investigation of drinking water system components is conducted with respect to contaminants that can be introduced into the drinking water supply from their base metal alloy, plastic resin, or other nonmetallic parts such as gaskets, seals, coatings, adhesives, filter media, cement linings or the like. Unless otherwise indicated in the individual Classifications, mechanical plumbing devices have been evaluated for residential use only.

In the individual Classifications, a 23°C water-use temperature indicates that the product has been investigated at 23°C and its use is limited to cold-temperature applications where the product is exposed continuously to water whose temperature is not intentionally raised above ambient. Where individual Classifications indicate a water-use temperature higher than 23°C, the specified temperature is the maximum water-use temperature established for the product. Products certified for hot-water applications have been investigated using the intermittent hot protocol, unless otherwise indicated in the individual Classifications.

RELATED PRODUCTS

Water coolers, drinking water fountains and remote chillers may also be covered under Drinking Water Coolers (SRJX).
Joining and sealing materials may also be covered under Gaskets and Seals (JMLU2).
Faucets and related plumbing fixture fittings may also be covered under Plumbing Fixture Fittings (QNSQ).
Submersible well pumps may also be covered under Pumps, Electrically-operated Liquid (REUZ).
Plastic pipe and fittings may also be covered under Plastics Plumbing System Components (QMVA).
Gaskets for polyvinyl chloride (PVC) pipe and couplings for underground fire service are covered under Push-on Joint Gasket Material for Pipe (HLBW2).
Gaskets for gasketed joints for ductile-iron pipe and fittings for fire protection service are covered under Gaskets for Use with Cast Iron and Ductile-Iron Pipe with Mechanical Joints (HESZ2).

ADDITIONAL INFORMATION

For additional information, see Plumbing and Associated Products (AAPP).

REQUIREMENTS

The basic standard used to investigate products in this category is NSF/ANSI 61 (2007a), "Drinking Water System Components – Health Effects."

Products additionally investigated for a weighted average lead content $\leq 0.25\%$ were investigated to Annex G of NSF/ANSI 61 (2008).

UL MARK

The Water Quality Classification Mark of UL on the product or on the smallest 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. For process media shipped in bulk quantities, the Classification Mark may appear on a Bill of Lading or a Bulk Shipment Certificate. The Water Quality Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol and the words "WATER QUALITY" below the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information:

[PRODUCT IDENTITY+]

ANSI/NSF 61

Control No.

+ DRINKING WATER SYSTEM COMPONENT, PIPE, PIPE FITTING, JOINING AND SEALING MATERIAL, BARRIER MATERIAL, PROCESS MEDIA, VALVE, FAUCET, or other appropriate product name as shown in the individual Classifications

The Classification Mark may be abbreviated as follows:

UND. LAB. INC. CLASSIFIED

NSF 61

Control No.



Documents

Document Sharing Hub

or
UND. LAB. INC. CLFD
NSF 61
Control No.

For products Classified by UL in accordance with Annex G of NSF/ANSI 61 (2008), the words "Annex G" may be used with the Classification Mark.

For products that are also Listed or Classified by UL under another category, as an alternative to the complete Classification Mark described above, the words "ALSO CLASSIFIED" (or "ALSO CLFD") and the text "NSF 61" may be used adjacent to the applicable UL Mark.

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.

2K POLYMER SYSTEMS LTD**MH48812**

VENTURE CRESCENT, ALFRETON, DERBYSHIRE DE55
7RA UNITED KINGDOM

ANSI/NSF STANDARD 61

Plant at: Alfretton, Derbyshire GB

Joining and Sealing Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
"2KPS EASF" 2KPS EASF	60	Adhesive	1 sq.cm / L

A O SMITH WATER PRODUCTS CO**MH30141**

PRODUCT DESIGN ENGINEERING 25731 U S HWY 1, MC BEE
SC 29101

ANSI/NSF STANDARD 61
Barrier Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Pump Tank, "A.O. Smith"			
SG-120-2	82	-	-
SG-82	82	-	-
SG-120-1	82	-	-
SG-82-1	82	-	-
SGS-42	82	-	-
SGS-42-1	82	-	-
SGT-42	82	-	-
SGT-42-1	82	-	-
Pump Tank, "Duramac"			
16042MV5FGLS	82	-	-
16042MV5FGLT	82	-	-
16082MV5FGL	82	-	-
16120MV5FGL	82	-	-
Pump Tank, "Goulds"			
TG-120	82	-	-
TG-120-1	82	-	-
TG-42	82	-	-
TG-42-1	82	-	-
TG-42S	82	-	-
TG-42S-1	82	-	-
TG-82	82	-	-
TG-82-1	82	-	-
Pump Tank, "Lowe's"			
LG-120-1	82	-	-
LG-120-2	82	-	-
LG-42-S	82	-	-
LG-42-S1	82	-	-
LG-42-T1	82	-	-
LG-42T	82	-	-
LG-82	82	-	-
LG-82-1	82	-	-
Pump Tank, "Neptune"			
G-120-2	82	-	-
G-120-4	82	-	-
G-42-S2	82	-	-
G-42-S4	82	-	-
G-42-T3	82	-	-
G-42-T4	82	-	-
G-82-2	82	-	-
G-82-4	82	-	-
Pump Tank, "Perma-Lin'd"			
PL-120-2	82	-	-
PL-120-4	82	-	-
PL-220	82	-	-
PL-42-S2	82	-	-
PL-42-S4	82	-	-
PL-42-T3	82	-	-
PL-42-T4	82	-	-



Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
PL-82-2	82	-	-
PL-82-4	82	-	-
Pump Tank, "Sears"			
153.29501	82	-	-
153.29502	82	-	-
153.29511	82	-	-
153.29512	82	-	-
153.29521	82	-	-
153.29522	82	-	-

ADSORBENT CARBONS PVT LTD

MH47600

C-92 SIPCOT IND COMPLEX, TUTICORIN, TN 628008 INDIA

ANSI/NSF STANDARD 61

Plant at: Tuticorin, India

	Process Media		
Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Granular Activated Carbon (GAC)			
Acid Washed Granular Activated Carbon (2)	23	Activated Carbon	250 mg/L
Granular Activated Carbon (1)	23	Activated Carbon	250 mg/L
Silver Impregnated 0.01%-0.3%, Granular Activated Carbon (3)	23	Activated Carbon	250 mg/L
Powdered Activated Carbon (PAC)			
Powdered Activated Carbon (4)	23	Activated Carbon	250 mg/L

- 1 - Grades: 4 X 8, 5 X 10, 6 X 12, 8 X 16, 8 X 30, 10 X 30, 12 X 30, 12 X 40, 14 X 35, 14 X 40, 20 X 50, 30 X 60, 35 X 60, 3 X 6, & 40 X 140
 2 - Grades: 4 X 8, 5 X 10, 6 X 12, 8 X 16, 8 X 30, 10 X 30, 12 X 30, 12 X 40, 14 X 35, 14 X 40, 20 X 50, 30 X 60, 35 X 60, 3 X 6, & 40 X 140
 3 - Grades: 8 X 16, 8 X 30, 10 X 30, 12 X 30, 12 X 40, 14 X 35, 14 X 40, 20 X 50
 4 - Grades: Minus 60, 60 X 200, 80 X 325, Minus 100, Minus 200, and Minus 325

AJS CO LTD

MH45610

1001 NAMSUNG PLAZA #345-30 GASAN-DONG GEUMCHEON

GU, SEOUL 153-782 REPUBLIC OF KOREA

**ANSI/NSF STANDARD 61
Joining and Sealing Materials**

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Gasket			
AJS Gasket, 32A-1350A	82	EPDM	9.6
Joint Cover: Groove Joint			
AJ130, 32A-600A	82	EPDM	-
AJ320, 32A-600A	82	EPDM	-
AJ510, 32A-600A	82	EPDM	-
AJ520, 32A-600A	82	EPDM	-
Joint Cover: Ring Joint			
AJ330, 350A-1350A	82	EPDM	-

Pipes and Related Products

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl
AP-Joint "Press-Fit", Pipe Fittings		
AP1111-90° Elbow, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1112-45° Elbow, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1113 Water Type 90° Elbow, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1114-Adapter 90° Elbow (Male), 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1115-Adapter 90° Elbow (Female), 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1120-Coupling, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1121-Water Type Coupling, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1122-Adapter Coupling (Male), 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1123-Adapter Coupling (Female), 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1130-Reducing Tee, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1130-Tee, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1131-Water Type Tee, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1140-Reducer, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
AP1150-Cap, 1/2 in to 2 in (13 mm to 60 mm)	82	Stainless Steel
Epoxy Coated Grooved Fittings		
GJC1151-Cap, 2" to 24"	82	Epoxy Coating
GJE1111-90° Elbow, 2" to 24"	82	Epoxy Coating
GJE1112-45° Elbow, 2" to 24"	82	Epoxy Coating
GJE1113-22.5° Elbow, 2" to 24"	82	Epoxy Coating
GJE1114-11.25° Elbow, 2" to 24"	82	Epoxy Coating
GJFA1161-Flange Adapter, 2" to 24"	82	Epoxy Coating
GJRS1141-Reducer, (2" X 1") to (24" X 20")	82	Epoxy Coating
GJRS1142-Reducer, (2" X 0.5") to (24" X 20")	82	Epoxy Coating
GJST1132-Tee, (2" X 2" X 0.5") to (24" X 24" X 20")	82	Epoxy Coating
GJT1131-Tee, (2" X 2" X 1") to (24" X 24" X 20")	82	Epoxy Coating
Epoxy Coated Ring Fittings		
GJE1112-45, 14" to 40"	82	Epoxy Coating
RJC1131-Tee, 14" x 14" x 6.5" to 40" x 40" x 40"	82	Epoxy Coating

2012 PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY

18

DRINKING WATER SYSTEM COMPONENTS (FDNP)

Trade Dsg	Water Contact Temp (°C)	Mtl	Water Contact
RJC1141-Reducer, 14" x 6.5" to 40" x 36"	82		Epoxy Coating
RJC1151-Cap, 14" to 40"	82		Epoxy Coating
RJE1111-90 Elbow, 14" to 40"	82		Epoxy Coating
RJE1113-22.5 Elbow, 14" to 40"	82		Epoxy Coating
RJE1114-11.25 Elbow, 14" to 40"	82		Epoxy Coating
RJE1115-5.625 Elbow, 14" to 40"	82		Epoxy Coating
RJFA1161-Flange Adapter, 14" to 40"	82		Epoxy Coating
Fittings, Grooved and Plain End			
45 Elbow, AF-1112, 1 in. - 12 in.	82		Stainless Steel
90 Elbow, AF-1111, 1 in. - 12 in.	82		Stainless Steel
Cap, AF-1150, 1 in. - 12 in.	82		Stainless Steel
Concentric Reducer, AF-1140, 1 in. - 12 in.	82		Stainless Steel
Reducing Tee, AF-1131, 1 in. - 12 in.	82		Stainless Steel
Straight Tee, AF-1130, 1 in. - 12 in.	82		Stainless Steel

AMCOAT INDUSTRIES INC
SUITE 116 4012 COMMONS DR, DESTIN FL 32541

MH48687

ANSI/NSF STANDARD 61 Barrier Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Rhino Epoxy, Tan, Blue, Red [a]	23	Epoxy	13.5 sq cm / L

[a] - This product was tested without a primer or an additional topcoat. It is recommended that any primer or topcoat used should be certified to ANSI/NSF Standard 61 by an ANSI accredited certifier. Mix Ratio: 4 Parts A to 1 Part B by Volume; Minimum Tank Size: 20,000 gallons; Maximum Film Thickness: 30 mils; Recoat Time: 24 hrs; Cure time: 7 days at 70F.

AMERICAN AVK CO
2155 MERIDIAN BLVD, MINDEN NV 89423

MH45907

ANSI/NSF STANDARD 61

Mechanical Devices

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Series 03 (1 in. - 3 in.)#	23	Multiple	-
Series 18 (6 in. - 12 in.) * [Annex G]	23	Multiple	-
Series 25 (2 in. - 16 in.)@ [Annex G]	23	Multiple	-
Series 45 (2 in. - 16 in.)@ [Annex G]	23	Multiple	-
Series 55 (18 in., 20 in., 24 in.)% [Annex G]	23	Multiple	-

Plant at: Minden, Nevada

Mechanical Devices

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Series 03 (2 in. - 3 in.)	23	Multiple	-
Series 18 (6 in. - 12 in.) [Annex G]	23	Multiple	-
Series 25 (2.5 in. - 16 in.) [Annex G]	23	Multiple	-
Series 45 (2.5 in. - 16 in.) [Annex G]	23	Multiple	-
Series 66 PE (4 in. - 12 in.) [Annex G]	23	Multiple	-

[Annex G] - Denotes this product is also certified to Annex G of ANSI/NSF 61-2008, weighted average lead content ≤0.25%.

- Available in the following end configurations: NPT x NPT, PO x PO (for IPS)

% - Available in the following end configurations: MJ x MJ, PO x PO (for ductile iron pipe), Flange x Flange, and combinations thereof.

* - Available in the following end configurations: MJ x MJ x MJ and PO x PO x PO (ductile iron pipe)

@ - Available in the following end configurations: MJ x MJ, PO x PO (for IPS), PO x PO (ductile iron pipe), Flange x Flange, Groove x Groove (for IPS), Groove x Groove (for C900), and combinations thereof.

NOTE - For use in water mains and service lines (transmission and distribution systems). Not all sizes are available in all end configurations.

AMERICAN INVESTORS L L C, DBA RECO USA
1839 DUNBAR RD, CAYCE SC 29033

MH46052

ANSI/NSF STANDARD 61

Barrier Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Ultra-Stone (a)(b)(c)(d)	82	Cement	67.7 sq cm / L

(a) - The subcomponents mixing ratio is as follows and should be added in the specified order to the mixing device. 50 lb of sand, 1/2 bag mortar cement, 1/2 bag of Portland cement, 50 lb. of sand, 1/2 bag of mortar cement.

(b) - Apply by hand using standard tools.

(c) - Apply to desired thickness. The maximum product surface area to water volume ratio is 67.7 square centimeters per liter or tanks ≥200 gallons

(d) - After lining tank with product, it may be moved in 3 hours. Mist lining with water approximately 8 hours after curing.

**AMERICAN POLYMER CORP, DBA POLYCOAT
PRODUCTS**
14722 SPRING AVE, SANTA FE SPRINGS CA 90670

MH25068

Plant at: Santa Fe Springs, CA

ANSI/NSF STANDARD 61

Trade Dsg	Barrier Materials		
	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Polyliner 3042 (g)	23	-	3.91
Polyliner 3042 and Polyprime 3042 (J)	23	-	16
Polyliner 3042-F (f)	23	Epoxy	3.91
Polyliner 3042-F and Polyprime 3042-F (h)	23	-	16
Polyprime 3042 (b)	23	-	3.91
Polyprime 3042-F (e)	23	-	3.91

Trade Dsg	Barrier Materials		
	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
PolyEuro 1050H (black) (a)	23	Polyurethane	43 sq cm /L
PolyEuro 1050H (blue) (a)	23	Polyurethane	43 sq cm /L
PolyEuro 1050H (off white) (a)	23	Polyurethane	43 sq cm /L
PolyEuro 1050H (red oxide) (a)	23	Polyurethane	43 sq cm /L
PolyEuro 1050H-F (black) (i)	23	Polyurethane	43 sq cm /L
PolyEuro 1050H-F (blue) (i)	23	Polyurethane	43 sq cm /L
PolyEuro 1050H-F (off white) (i)	23	Polyurethane	43 sq cm /L
PolyEuro 1050H-F (red oxide) (i)	23	Polyurethane	43 sq cm /L
PolyPrime 21 (c)	23	Epoxy	3.9 sq cm /L
PolyPrime 21-F (d)	23	Epoxy	3.9 sq cm /L

(a) - This is a topcoat product. The following use restrictions apply: Number of Coats: 1, Maximum Field Use Dry Film Thickness (mils): 125, Thinner: no thinner, Maximum Surface Area / Volume Ratio: 43 sq cm /L, Minimum Tank Size: 700 gallon, Minimum Cure Time: 72 hours, Mix Ratio: 1 Part A to 2 Parts B by Volume.

(b) - This product is a primer. The following use restrictions apply: For use with tanks > or equal to 1,000,000 Gallons, not exceeding a surface area to volume ratio of 3.91 cm²/L, only when Part A is mixed with Part B in a 2.0:1.0 parts by volume ratio. Maximum Thinner= none; Maximum Number of Coats=1; Maximum Dry Film Thickness= 8 mils total; Minimum Recoat Time = 4hrs; Final Cure Time= 4hrs to at least 75 - 80 deg F. Application Method = Spray . Color = Gray. Note - see manufacturers instructions for additional product use information.

(c) - This product is a primer intended for use with the Polycoat Products topcoats PolyEuro 1050H (off white), PolyEuro 1050H (black), PolyEuro 1050H (blue), or PolyEuro 1050H (red oxide). The following use restrictions apply: Number of Coats: 1, Maximum Field Use Dry Film Thickness (mils): 6, Thinner: no thinner, Maximum Surface Area / Volume Ratio: 3.9 sq cm /L, Minimum Tank Size: 1,000,000 gallon, Minimum Cure Time: 4 hours, Mix Ratio: 2 Parts A to 1 Part B by Volume.

(d) - This product is a primer intended for use with the Polycoat Products topcoats PolyEuro 1050H (off white), PolyEuro 1050H (black), PolyEuro 1050H (blue), or PolyEuro 1050H (red oxide). The following use restrictions apply: Number of Coats: 1, Maximum Field Use Dry Film Thickness (mils): 500, Thinner: no thinner, Maximum Surface Area / Volume Ratio: 3.9 sq cm /L, Minimum Tank Size: 1,000,000 gallon, Minimum Re-Coat Time: 4 hours, Mix Ratio: 2 Parts A to 1 Part B to 6 Parts C.

(e) - This product is a primer. The following use restrictions apply: For use with tanks > or equal to 1,000,000 Gallons, not exceeding a surface area to volume ratio of 3.91 cm²/L, only when Part A is mixed with Part B in a 2.0:1.0 parts by volume ratio. Maximum Thinner= none; Maximum Number of Coats=1; Maximum Dry Film Thickness= 500mils total; Minimum Recoat Time = 4hrs; Final Cure Time= 4hrs to at least 75 - 80 deg F. Application Method = Spray . Color = Gray. Note - see manufacturers instructions for additional product use information.

(f) - This product is a topcoat product. The following restrictions apply: For use with tanks > or equal to 1,000,000 Gallons, not exceeding a surface area to volume ratio of 3.91 cm²/L, only when Part A is mixed with Part B and Part C in a 2.0:1.0:6.0 parts by volume ratio. Maximum Thinner= none; Maximum Number of Coats=1; Maximum Dry Film Thickness= 20 mils total; Final Cure Time= 72 hrs to at least 75 - 80 deg F. Application Method = Spray; Color = Gray. Note - see manufacturers instructions for additional product use information.

(g) - This product is a topcoat. The following restrictions apply: For use with tanks > or equal to 1,000,000 Gallons, not exceeding a surface area to volume ratio of 3.91 cm²/L, only when Part A is mixed with Part B in a 2.0:1.0 parts by volume ratio. Maximum Thinner= none; Maximum Number of Coats=1; Maximum Dry Film Thickness= 8 mils total; Final Cure Time= 72 hrs to at least 75 - 80 deg F. Application Method = Spray . Color = Gray. Note - see manufacturers instructions for additional product use information.

(h) - Polyliner 3042-F and Polyprime 3042-F - For use with tanks greater than or equal to 20,000 gallons, not exceeding a surface area to volume ratio of 16 cm²/L. To be applied as a system in the following sequence: Polyprime 3042-F (Base coat) - only when Part A is mixed with Part B and Part C in a 2:1:6 parts by volume ratio. Maximum Field Use Dry Film Thickness (mils) = 500. Number of Coats = 1. Color - Gray. Thinner = none; Application Method = Spray. Minimum Cure Time = 4 hrs. Polyliner 3042-F (topcoat) - only when Part A is mixed with Part B and Part C in a 2:1:6 parts by volume ratio. Maximum Field Use Dry Film Thickness (mils) = 20; Number of Coats = 1. Color - Gray. Thinner = none; Application Method = Spray; Minimum cure time = 72 hrs. System Final Cure prior to water immersion = 72 at 75 - 80 deg F; Note - see manufacturers instruction for additional product use information.

(i) - This is a topcoat product. The following use restrictions apply: Number of Coats: 1, Maximum Field Use Dry Film Thickness (mils): 500, Thinner: no thinner, Maximum Surface Area / Volume Ratio: 43 sq cm /L, Minimum Tank Size: 700 gallons, Minimum Cure Time: 72 hours, Mix Ratio: 1 Part A to 2 Parts B to 6 Parts C by Volume.

(j) - Polyliner 3042 and Polyprime 3042 - For use with tanks greater than or equal to 20,000 gallons, not exceeding a surface area to volume ratio of 16 cm²/L. To be applied as a system in the following sequence: Polyprime 3042 (Base coat) - only when Part A is mixed with Part B in a 2:1 parts by volume ratio. Maximum Field Use Dry Film Thickness (mils) = 16. Number of Coats = 1. Color - Gray. Thinner = none; Application Method = Spray. Minimum Cure Time = 4 hrs. Polyliner 3042 (topcoat) - only when Part A is mixed with Part B in a 2:1 parts by volume ratio. Maximum Field Use Dry Film Thickness (mils) = 16; Number of Coats = 1. Color - Gray. Thinner = none; Application Method = Spray; Minimum cure time = 72 hrs. System Final Cure prior to water immersion = 72 at 75 - 80 deg F; Note - see manufacturers instruction for additional product use information.

ANDHRA POLYMERS PVT LTD
PLOT 2 PHASE 5, IDA JEEDIMETLA, HYDERABAD, AP
500055 INDIA

MH47651



Documents
Document Sharing Hub

2012 PLUMBING AND ASSOCIATED PRODUCTS DIRECTORY

20

DRINKING WATER SYSTEM COMPONENTS (FDNP)

ANSI/NSF STANDARD 61 Joining and Sealing Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
EP 48 Gasket (a)	60	EPDM	0.82
SBR 50 Gasket (b)	60	SBR	0.82

(a) - Sizes DN80-DN4000, in the following styles: Reka Gasket for GRP & FRP Pipes TYPE-I (DN300-DN500), Reka Gasket for GRP & FRP Pipes TYPE-II (DN600-DN2500), Push-on Gasket-I (DN80-DN1600), Push-on Gasket-II (DN80-DN1200), and Reka Gasket for GRP & FRP Pipes TYPE-VI (DN2600-DN4000)

(b) - Sizes DN80-DN4000, in the following styles: Push-on Gasket-I (DN80-DN1600), Push-on Gasket-II (DN80-DN1200), and Reka Gasket for GRP & FRP Pipes TYPE-VI (DN2600-DN4000)

ANVIL INTERNATIONAL L P

MH21189

SUITE 10 110 CORPORATE DR, PORTSMOUTH NH 03801

ANSI/NSF STANDARD 61 Joining and Sealing Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Gruvlok Figure 7901 - Couplings 3" through 24"	23	Halogenated Butyl Rubber	-

Mechanical Devices

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
1715 Ball Valve (1/4 - 2 in.)	23	Multiple	-
171N Ball Valve (1/4-2 in.)	23	Multiple	-

Pipes and Related Products

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl
Fittings, Grooved and Plain End		
A7050SS 1 in. - 12 in.	82	Stainless Steel
A7051SS 1 in. - 12 in.	82	Stainless Steel
A7060SS 1 in. - 12 in.	82	Stainless Steel
A7061SS 1 in. - 12 in.	82	Stainless Steel
A7072SS 1 in. - 12 in.	82	Stainless Steel
A7074SS 1 in. - 12 in.	82	Stainless Steel

APCOM INC

MH25278

125 SE PARKWAY DR PO BOX 681149, FRANKLIN TN 37068

ANSI/NSF STANDARD 61 Joining and Sealing Materials

Trade Dsg	Water Contact Temp (C)	Water Contact Mtl	Surface Area to Volume Ratio
Silicone O-Ring (d)	82	Silicone	-

Pipes and Related Products

Trade Dsg	Water Contact Temp (C)	Water Contact Mtl
Baffle, heat trap diptube, double (e)	82	EPDM
Baffle, heat trap diptube, single (e)	82	EPDM
Baffle, internal heat trap, 3/4 (e)	82	EPDM
Bushing - Diptube Double HeatTrap (c)	82	Cross-Linked Polyethylene (PEX)
High Flex Modulus PEX Dip Tube (c)	82	Cross-Linked Polyethylene (PEX)
High Flex Modulus PEX Flare Bushing (c)	82	Cross-Linked Polyethylene (PEX)
High Flex Modulus PEX pipe-nipple liner (c)	82	Cross-Linked Polyethylene (PEX)
High Flex Modulus PEX Turbo Injector (c)	82	Cross-Linked Polyethylene (PEX)
Holder - Double Heat Trap (c)	82	Cross-Linked Polyethylene (PEX)
Polypropylene Dip Tube (b)	82	Polypropylene (PP)
Polypropylene Flare Bushing (b)	82	Polypropylene (PP)
Polypropylene Molded Sleeve (b)	82	Polypropylene (PP)
Polysulfone Dip Tube (a)	82	Polysulfone (PSU)
PPA Insert, heat trap (f)	82	Polyphtalamide (PPA)
Silicone Heat Trap (d)	82	Silicone
Sleeve (c)	82	Cross-Linked Polyethylene (PEX)

(a) - Maximum surface area to volume ratio: 24.9cm²/L

(b) - Maximum surface area to volume ratio: 24.2cm²/L

(c) - Maximum surface area to volume ratio: 20.2cm²/L

(d) - Maximum surface area to volume ratio: 0.185cm²/L

(e) - Maximum surface area to volume ratio: 0.94cm²/L

(f) - Maximum surface area to volume ratio: 2.93cm²/L

NOTE - Components for water heater applications only.

AQUA-AEROBIC SYSTEMS INC

6306 N ALPINE RD, ROCKFORD IL 61130



Documents

MH47634

Document Sharing Hub

**ANSI/NSF STANDARD 61
Mechanical Devices**

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Aqua-Jet Surface Mechanical Aerator Model SS-PW 1-2 (a)	23	Multiple	-
Aqua-Jet Surface Mechanical Aerator Model SS-PW 10-15 (a)	23	Multiple	-
Aqua-Jet Surface Mechanical Aerator Model SS-PW 3-5-7.5 (a)	23	Multiple	-

(a) - Certified for use in applications with a minimum of 100,000 gallons of water per unit. Optional stainless steel intake extension up to 6 ft in length.

ARKANSAS GALVANIZING INC**MH18293**

PRAIRIE GROVE INDUSTRIAL PARK 998 ESCUE DR, PRAIRIE
GROVE AR 72753

**ANSI/NSF STANDARD 61
Barrier Materials**

Trade Dsg	Water Contact Temp (C)	Water Contact Mtl	Surface Area to Volume Ratio
Hot-Dip Galvanizing	43	Galvanized	17.9 sq cm / L

NOTE - Corresponding to a minimum tank size of 10,000 gallons

ATLANTIC STATES CAST IRON PIPE CO**MH16745**

183 SITGREAVES ST, PHILLIPSBURG NJ 08865

Plant at: PHILLIPSBURG, NJ

ANSI/NSF STANDARD 61**Pipes and Related Products**

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Water Contact Mtl
Ductile Iron Pipe, Asphalt Coated (3"-24" diameter)	23		Asphalt

AVANTI INTERNATIONAL**MH20894**

822 BAY STAR BLVD, WEBSTER TX 77598

**ANSI/NSF STANDARD 61
Joining and Sealing Materials**

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
AV-202 Multi-Grout*	23	Urethane	0.5 sq cm / L
AV-330 Safeguard*	23	Urethane	1 sq cm / L
AV-333 Injectaflex*	23	Urethane	0.5 sq cm / L

* - Resin is mixed with water at a rate of one part water to one part resin by weight. Within 2 to 3 minutes, the product forms a soft flexible foam.

AZON USA INC**MH25417**

2204 RAVINE RD, KALAMAZOO MI 49004

**ANSI/NSF STANDARD 61
Joining and Sealing Materials**

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Azo-Cat 25*	23	Polyurethane (PUR)	0.008 cm2 / L

* - Manufacturer's instructions for application must be followed.

BRASS CRAFT MFG CO**MH25826**

39600 ORCHARD HILL PL, NOVI MI 48375

**ANSI/NSF STANDARD 61
Mechanical Plumbing Devices**

Trade Dsg
Ball stop valve
KT3301 C
KT3301 C1
KT3341 C
KT3345 C
KTBRPX14 C
KTBRPX19 C
KTBRPX44 C
KTBRPX44 R
KTCR09 C
KTCR09 C1
KTCR11 C



Trade Dsg

KTCR11F C
 KTCR14 C
 KTCR14 C1
 KTCR19 C
 KTCR19 C1
 KTCR34 C
 KTCR39 C
 KTCS40 C
 KTCS40B C
 KTCS41 C
 KTCS41B C
 KTPR14 C
 KTPR14 C1
 KTPR19 C
 KTPR19 C1
 KTR07 C
 KTR09 C
 KTR09 C1
 KTR10 C
 KTR12 C
 KTR12 C1
 KTR14 C
 KTR14 C1
 KTR15 C
 KTR15 C1
 KTR17 C
 KTR17 C1
 KTR19 C
 KTR19 C1
 KTR37 C
 KTRB4 C
 KTRB4 R

Copper riser

1-09ACE@
 1-120A@
 1-120AC@
 1-120ACE@
 1-12A@
 1-12C@
 1-12K@
 1-12KA@
 1-12KC@
 1-150A@
 1-150AC@
 1-150ACE@
 1-15A@
 1-15C@
 1-15K@
 1-15KA@
 1-15KC@
 1-200A@
 1-200AC@
 1-200ACE@
 1-20A@
 1-20C@
 1-20K@
 1-20KA@
 1-20KC@
 1-300A@
 1-300AC@
 1-300ACE@
 1-30A@
 1-30C@
 1-30K@
 1-30KA@
 1-30KC@
 1-360A@
 1-360AC@
 1-360ACE@
 1-36A@
 1-36C@
 1-36K@
 1-36KA@
 1-36KC@
 2-120AC@
 2-150AC@
 2-200AC@
 2-300AC@
 2-360AC@
 3-120AC@
 3-120ACE@
 3-12A@
 3-12C@
 3-12K@
 3-12KA@



Trade Dsg

3-12KC@
3-150AC@
3-150ACE@
3-15A@
3-15C@
3-15K@
3-15KA@
3-15KC@
3-200AC@
3-200ACE@
3-20A@
3-20C@
3-20K@
3-20KA@
3-20KC@
3-300AC@
3-300ACE@
3-30A@
3-30C@
3-30K@
3-30KA@
3-30KC@
3-360AC@
3-360ACE@
3-36A@
3-36C@
3-36K@
3-36KA@
3-36KC@
50010@
50011@
50012@
50014@
50015@
50019@
5001@
50023@
50024@
50025@
50026@
50027@
50028@
50029@
5002@
50030@
50031@
50032@
50034@
50035@
50037@
50038@
5003@
5004@
5005@
5006@
5007@
5008@
CS600@
CS601@
F1-11C@
F1-17C@
F1-20C@
F3-11C@
F3-120C@
F3-170C@
F3-17C@
F3-20C@

Engineered polymer braid strand connectors

B1-12A F+
B1-12A P+
B1-12A+
B1-12DL P+
B1-12DL+
B1-12DLM+
B1-12DW+
B1-12KC+
B1-16A P+
B1-16A+
B1-16DL P+
B1-16DL+
B1-16DW+
B1-20A P+
B1-20A+
B1-20DL P+
B1-20DL+

Trade Dsg

B1-20DW+
 B1-20H+
 B1-20KC+
 B1-30A+
 B1-36A+
 B1-36DW+
 B1-48A+
 B1-48DW+
 B1-48DW6 D+
 B1-60A+
 B1-60DW+
 B1-60DW6 D+
 B1-6DL+
 B1-72DW+
 B1-72DW6 D+
 B1-9A+
 B1-9DL P+
 B1-9DL+
 B2-12A+
 B2-12DL+
 B2-16A P+
 B2-16A+
 B2-20A+
 B2-20DL+
 B3-12A+
 B3-12DL+
 B3-16A+
 B3-20A+
 B3-20DL+
 B3-30A+
 B3-36A+
 B3-48DW+
 B3-6A+
 B3-9A+
 B3-9DL+
 B8-12A+
 B8-12DL+
 B8-16A P+
 B8-16A+
 B8-16DL+
 B8-20A P+
 B8-20DL+
 B8-24A+
 B8-24MP+
 B8-30A+
 B8-30H+
 B8-36A+
 B8-48DW+
 B8-48DW6 D+
 B8-60DW+
 B8-60DW6 D+
 B8-6DL+
 B8-9A+
 B8-9DL P+
 B8-9DL+
 B9-24MP+
 BF1-12A+
 BF1-12DL+
 BF1-16A+
 BF1-16DL+
 BF1-20A+
 BF1-20DL+
 BF1-72DW6 D+
 BF3-12A+
 BF3-12DL+
 BF3-16DL+
 BF3-20A+
 BF3-20DL+
 BF3-9DL+
 BL12-12DL+
 BL12-18WA+
 BL12-48WA+
 BL12-60WA+
 BL12-72WA+
 BL3-12DL P+
 BL3-12DL+
 BL3-24+
 BL3-36+
 BL3-6DL P+
 BL3-6DL+
 BL3-72DL+
 BL3-9DL P+
 BL3-9DL+
 BO-120IM+
 BO-12IM+



Trade Dsg

BO-60IM+
BO-72IM+
BO-84IM+
BO-96IM+
BWB0-12+
BWB0-15+
BWB0-18+
BWB0-24+
BWB08-12+
BWB08-15+
BWB08-18+
BWB08-24+
BWB20-12+
BWB20-15+
BWB20-18+
BWB20-24+
BWB28-12+
BWB28-15+
BWB28-18+
BWB28-24+

PS810+
PS811+
PS812+
PS832
PS833+
PS834+
PS836+
PS838+
PS840+
PS842+
PS846+
PS848+
PS850+
PS851+
PS852+
PS853+
PS854+
PS855+
PS856+
PS857+
PS858+
PS861+
PS862+
PS863+
PS864+
PS866+
PS867+
PS868+
PS869+
PS872+
PS873+
PS875+
PS877+

Needle valve assemblies

BC97 (COPPER TUBE)+
CA44+
CA45+
NEV-NCV+
NEV3-C1+
NV-104-4-2+
NV-104-EE1+
NV-105-4+
NV-105-6+
P352+
P354+
P372+
P382+
P388+
PNEV-NCV (PNV-1)+
PS100+
PS101+
PS91+
PS92+
PS93+
PS97+
PSB90+
PSB91+
PSB99+

Reinforced vinyl connector

55003+
55004+
55005+
55009+
55010+
55011+



Trade Dsg

55012+
55013+
55014+
55015+
55016+
55017+
55018+
55019+
PS130+
PS132+
PS136+
PS138+
PS141+
PS143+
PS145+
PS147+
PS155+
PS156+
PS157+
PS158+
PS160+
PS163+
PS164+
PS166+
PS167+
PS168+
PS171+
PS173+
PS174+
PS175+
PS177+
PS181+
PS183+
PS187+
PS188+
PS191+
PS193+
PS195+
V1-12A+
V1-12DL+
V1-12KC+
V1-16A+
V1-16A12H+
V1-16DL+
V1-16H+
V1-20A+
V1-20DL+
V1-20H+
V1-20KC+
V1-30A+
V1-30H+
V1-36A+
V1-36H+
V1-48H+
V1-60H+
V1-9A+
V1-9DL+
V3-12A+
V3-12DL+
V3-12H+
V3-16A+
V3-16H+
V3-20A+
V3-20DL+
V3-20H+
V3-30H+
V3-36A+
V3-36H+
V3-48A+
V3-48H+
V3-9A+
V3-9DL+
V3-9H+
V8-12A+
V8-12DL+
V8-16A+
V8-16DL+
V8-20A+
V8-20DL+
V8-36A+
V8-48A+
V8-60A+
V8-9DL+
V8H-12DL+
V8H-12H+



Trade Dsg

V8H-16DL+
V8H-16H+
V8H-20DL+
V8H-20H+
V8H-24H+
V8H-30H+
V8H-36H+
V8H-48H+
V8H-60H+
V8H-9DL+
V8H-9H+
VF1-12A+
VF1-12DL+
VF1-20A+
VF1-20DL+
VF1-36A+
VF3-12A+
VF3-12DL+
VF3-20A+

Stainless Steel Insert

TS-6X
TS-8X

Supply stop valve

03300*
03301*
03305*
03307*
03309*
03341*
03345*
03346*
23217*
3321*
3326*
3341DV*
3601*
3651*
60013*
60014*
60015*
60016*
60017*
60018*
60019*
60020*
60021*
60022*
60023*
60025*
60026*
60027*
60028*
60029*
60030*
60032*
60033*
60034*
60070*
60071*
60074*
60075*
60077*
60082*
60083*
60084*
60085*
60086*
60087*
60095*
60096*
60099*
60100*
60102*
60103*
60104*
60105*
60108*
60109*
60110*
60111*
60112*
60120*
60121*
60131*
7536*



Trade Dsg

77258*
 9060013*
 9060014*
 9060015*
 9060016*
 9060017*
 9060018*
 9060019*
 9060020*
 9060021*
 9060022*
 9060023*
 9060024*
 9060025*
 9060026*
 9060070*
 9060094*
 9060097*
 9060098*
 9060102*
 9060103*
 9060104*
 9060105*
 9060106*
 9060107*
 9060111*
 9060113*
 9060114*
 9060115*
 9060116*
 9060117*
 9060118*
 9060122*
 9060123*
 9060124*
 9060187*
 BR14*
 BR19*
 BR1900DV*
 BR1901DV*
 BR34*
 BR39*
 BR4*
 BR48*
 BR77*
 BRPX14*
 BRPX19*
 BRPX34*
 BRPX44*
 BRPX48*
 CR09*
 CR1*
 CR11*
 CR14*
 CR14-PD*
 CR1412A*
 CR1415A*
 CR1420A*
 CR19-PD*
 CR190*
 CR1900DV*
 CR1900DVS*
 CR1900L&R*
 CR1901DV*
 CR1901DVS*
 CR1901L&R*
 CR1901LR*
 CR1901LRS20A*
 CR1902L&R*
 CR1903DV*
 CR1903L&R*
 CR19090S*
 CR19120S*
 CR1912A*
 CR1912KC*
 CR19150KC*
 CR19150S*
 CR1915A*
 CR19200S*
 CR19200SDO*
 CR1920A*
 CR19S12A*
 CR19S16A*
 CR19S20A*
 CR1B*



Documents
Document Sharing Hub

Trade Dsg

CR29*
 CR2900R*
 CR2901L&R*
 CR2902LR*
 CR2903L&R*
 CR301L&R*
 CR302L&R*
 CR303LR*
 CR34*
 CR34-PD*
 CR39*
 CR39-PD*
 CR3900R*
 CR39112A*
 CR3915A*
 CR3920A*
 CR3A*
 CR3B*
 CR49*
 CR901L&R*
 CS40*
 CS400A*
 CS407A*
 CS41*
 CS425A*
 CS44*
 CS46*
 CS47*
 CS500A*
 CS501A*
 CS505A*
 CS99*
 DRS*
 DRS44M*
 DRS83*
 DRS84*
 DS87*
 FCR17C*
 FCR1911C*
 FCR19C*
 FCR39*
 FCS400C*
 FR10*
 FR12*
 FR1229C*
 FR1235C*
 FR15*
 FR1511A*
 FR17*
 FR1711A*
 FR1717A*
 FR19*
 FR1911C*
 FR1917C*
 FR32*
 FR35*
 FR37*
 FR39*
 G23301*
 G23305*
 G23341*
 G23345*
 G2BRPX14*
 G2BRPX19*
 G2BRPX44*
 G2CR09*
 G2CR11*
 G2CR14*
 G2CR14PX*
 G2CR19*
 G2CR19PX*
 G2CR34*
 G2CR39*
 G2PR14*
 G2PR19*
 G2R07*
 G2R10*
 G2R12*
 G2R15*
 G2R17*
 G2R37*
 HCS40B*
 HCS46B*
 HR15Z*
 HR17Z*



Trade Dsg

HR19*
 HR35Z*
 HR37Z*
 HR87Z*
 HR95Z*
 HRC19Z*
 HRC39Z*
 OCR09*
 OCR1*
 OCR11*
 OCR14*
 OCR14-PD*
 OCR1412A*
 OCR1415A*
 OCR1420A*
 OCR19-PD*
 OCR19090S*
 OCR19120S*
 OCR1912A*
 OCR1912KC*
 OCR19150KC*
 OCR19150S*
 OCR1915A*
 OCR19200S*
 OCR1920A*
 OCR19B160A C*
 OCR19B160K C*
 OCR19B200A C*
 OCR19B200K C*
 OCR19S12A*
 OCR19S16A*
 OCR19S20A*
 OCR19V160A C*
 OCR19V160KC C*
 OCR19V200A C*
 OCR19V200KC C*
 OCR29*
 OCR34*
 OCR34-PD*
 OCR39*
 OCR39-PD*
 OCR39112A*
 OCR3915A*
 OCR3920A*
 OCR3A*
 OCR49*
 OFCR17C*
 OFCR1911C*
 OFCR19C*
 OFCR39*
 OFR10*
 OFR12*
 OFR1229C*
 OFR1235C*
 OFR15*
 OFR1511A*
 OFR17*
 OFR1711A*
 OFR1717A*
 OFR32*
 OFR35*
 OFR37*
 OPCVA42*
 OPCVA43*
 OPCVA44*
 OPCVA52*
 OPCVA53*
 OPCVA54*
 OR07*
 OR10*
 OR10-PD*
 OR1012A*
 OR1015A*
 OR1020A*
 OR1030A*
 OR1036A*
 OR12*
 OR12-PD*
 OR1212A*
 OR1215A*
 OR1220A*
 OR1230A*
 OR1236A*
 OR15*
 OR15-PD*



Trade Dsg

OR15S12A*
 OR15S20A*
 OR17*
 OR17-PD*
 OR17000S*
 OR17090S*
 OR1720A*
 OR1730A*
 OR17S12A*
 OR17S16A*
 OR19S12A*
 OR19S20A*
 OR27*
 OR30*
 OR32*
 OR35*
 OR3512A*
 OR3515A*
 OR3520A*
 OR37*
 OR37-PD*
 OR3712A*
 OR3715A*
 OR3720A*
 OR45*
 OR82*
 OR87*
 OR90*
 OR95*
 P3354*
 P352*
 PCVA42*
 PCVA43*
 PCVA44*
 PCVA52*
 PCVA53*
 PCVA54*
 PCVS43*
 PCVS44*
 PCVS52*
 PCVS53*
 PCVS54*
 PR09*
 PR14*
 PR19*
 PR1912A*
 PR1920A*
 PR19B160A C*
 PR19B160KC C*
 PR19B200A C*
 PR19B200KC C*
 PR19V160A C*
 PR19V160KC C*
 PR19V200A C*
 PR19V200KC C*
 PR34*
 PR39*
 PR44*
 PR77*
 PS17*
 PS18*
 PS19*
 PS20*
 PS220*
 PS2217*
 PS2218*
 PS223*
 PS226*
 PS227*
 PS228*
 PS229*
 PS234*
 PS242*
 PS244*
 PS245*
 PS248*
 PS252*
 PS3301*
 PS3305*
 PS3341*
 PS3345*
 PS3361*
 PS5*
 PS50*
 PS51*



Trade Dsg

PS510*
 PS515*
 PS52*
 PS520*
 PS525*
 PS53*
 PS54*
 PS92*
 PS93*
 PSB112*
 PSB113*
 PSB17*
 PSB18*
 PSB19*
 PSB20*
 PSB205*
 PSB218*
 PSB219*
 PSB220*
 PSB221*
 PSB222*
 PSB223*
 PSB229*
 PSB230*
 PSB231*
 PSB232*
 PSB234*
 PSB235*
 PSB237*
 PSB244*
 PSB249*
 PSB250*
 PSB252*
 PSB254*
 PSB3301*
 PSB3305*
 PSB3306*
 PSB3307*
 PSB3341*
 PSB3345*
 PSB50*
 PSB51*
 PSB52*
 PSB53*
 PSB54*
 PSCS41*
 R04*
 R07*
 R09*
 R10*
 R10-PD*
 R1012A*
 R1015A*
 R1020A*
 R1030A*
 R1036A*
 R12*
 R12-PD*
 R1212A*
 R1215A*
 R1220A*
 R1230A*
 R1236A*
 R14*
 R1412A*
 R15*
 R15-PD*
 R1510LR*
 R1512A*
 R1520A*
 R15S12A*
 R15S20A*
 R17*
 R17-PD*
 R17000S*
 R1700DV*
 R1700DVS*
 R1702R*
 R1703R&L*
 R17090S*
 R170LR*
 R1720A*
 R1730A*
 R17S12A*
 R17S16A*



Trade Dsg

R19*
 R1900DV*
 R1901DV*
 R1901DVS*
 R1901LR*
 R19120S*
 R1912A*
 R1912KA*
 R19150S*
 R1915A*
 R19200S*
 R1920A*
 R19S12A*
 R19S20A*
 R1B*
 R1B12A*
 R27*
 R2700R*
 R2701L&R*
 R2702LR*
 R2703R*
 R29*
 R30*
 R32*
 R35*
 R3512A*
 R3515A*
 R3520A*
 R37*
 R37-PD*
 R37000R*
 R37001L&R*
 R37003LR*
 R3702L*
 R3712A*
 R3715A*
 R3720A*
 R39*
 R3901L&R*
 R3912A*
 R3920A*
 R3B*
 R45*
 R49*
 R82*
 R87*
 R90*
 R95*
 RD19*
 RD1901LR*
 S3601*
 S3603*
 S36051*
 SCS9906*
 SCS9907*
 SS3601*
 SSCS9906*
 SSR44*
 SSR44M*
 SSR83*
 SSR84*

Pipes and Related Products

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl
Engineered polymer braid strand connectors		
B1-16A F+	82	Multiple
B1-20A F+	82	Multiple
B1-30A F+	82	Multiple
B1-36A F+	82	Multiple
B8-16A F+	82	Multiple
B8-20A F+	82	Multiple
B8-20A +	82	Multiple
B8-30A F+	82	Multiple

* - May include one or more of the following prefixes: H, S, SS, SST, ST, T, X, XX. May include one or more of the following suffixes: A, C, P, R indicating type of finish or B, K (qty), T, Z indicating trim options or packaging. The suffix "X" indicates a low lead brass model. May be followed by an alpha numeric code of up to 15 characters that designate special exterior finishes, labeling and packaging options, etc.

+ - May be followed by an alpha numeric code of up to 15 characters. Models containing low lead brass have a maximum contact temperature of 23.

@ - May be prefixed with "PS", "PSB" or "PSBR". May have one or more of the following suffixes: B, C (Plated), R (Unplated), Q, T, 2, 4 indicating packaging styles. May be followed by an alpha numeric code of up to 15 characters that designate special exterior finishes, labeling and packaging options, etc.



BRAY CONTROLS

MH29519

13333 WESTLAND EAST BLVD, HOUSTON TX 77041

ANSI/NSF STANDARD 61

Plant at: Houston, TX

Trade Dsg	Mechanical Devices		
	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
Series 20/21 Resilient Seated Butterfly Valves - 1" through 20"			
Series 20 / 21 Resilient Seated Butterfly Valves with Nylon-coated disc and EPDM seat - 1" through 20" [Annex G]	23	Multiple	-
Series 30/31 Resilient Seated Butterfly Valves - 2" through 20"			
Series 30 / 31 Resilient Seated Butterfly Valves with Nylon-coated disc and EPDM seat - 2" through 20" [Annex G]	23	Multiple	-
Series 32/33 Resilient Seated Butterfly Valves - 22" through 36"			
Series 32 / 33 Resilient Seated Butterfly Valves with Nylon-coated disc and EPDM seat - 22" through 36" [Annex G]	23	Multiple	-
Series 35/36 Resilient Seated Butterfly Valves - 22" through 72"			
Series 35 / 36 Resilient Seated Butterfly Valves with Nylon-coated disc and EPDM seat - 22" through 72" [Annex G]	23	Multiple	-
Series 40/41 Bray/McKannalok Butterfly Valves - 2.5" through 60"			
40####-110++00Q (a)(c) [Annex G]	23	-	-
40####-110++00T (a)(c) [Annex G]	23	-	-
40####-110++00U (a)(c) [Annex G]	23	-	-
40####-110++00X (a)(c) [Annex G]	23	-	-
40####-110++01R (a)(c) [Annex G]	23	-	-
40####-110++065 (a)(c) [Annex G]	23	-	-
40####-110++066 (a)(c) [Annex G]	23	-	-
40####-110++69 (a)(c) [Annex G]	23	-	-
40####-110++75 (a)(c) [Annex G]	23	-	-
40####-110++84 (a)(c) [Annex G]	23	-	-
41####-110++00Q (a)(c) [Annex G]	23	-	-
41####-110++00T (a)(c) [Annex G]	23	-	-
41####-110++00U (a)(c) [Annex G]	23	-	-
41####-110++00X (a)(c) [Annex G]	23	-	-
41####-110++01R (a)(c) [Annex G]	23	-	-
41####-110++065 (a)(c) [Annex G]	23	-	-
41####-110++66 (a)(c) [Annex G]	23	-	-
41####-110++69 (a)(c) [Annex G]	23	-	-
41####-110++75 (a)(c) [Annex G]	23	-	-
41####-110++84 (a)(c) [Annex G]	23	-	-
Series 42/43 Bray/McKannalok Butterfly Valves - 2.5" through 48"			
42####-110++00Q(a)(c) [Annex G]	23	-	-
42####-110++00T(a)(c) [Annex G]	23	-	-
42####-110++00U(a)(c) [Annex G]	23	-	-
42####-110++00X(a)(c) [Annex G]	23	-	-
42####-110++01R(a)(c) [Annex G]	23	-	-
42####-110++065 (a)(c) [Annex G]	23	-	-
42####-110++066 (a)(c) [Annex G]	23	-	-
42####-110++069 (a)(c) [Annex G]	23	-	-
42####-110++075 (a)(c) [Annex G]	23	-	-
42####-110++084 (a)(c) [Annex G]	23	-	-
43####-110++00Q(a)(c) [Annex G]	23	-	-
43####-110++00T(a)(c) [Annex G]	23	-	-
43####-110++00U(a)(c) [Annex G]	23	-	-
43####-110++00X(a)(c) [Annex G]	23	-	-
43####-110++01R(a)(c) [Annex G]	23	-	-
43####-110++065 (a)(c) [Annex G]	23	-	-
43####-110++066 (a)(c) [Annex G]	23	-	-
43####-110++069 (a)(c) [Annex G]	23	-	-
43####-110++075 (a)(c) [Annex G]	23	-	-
43####-110++084 (a)(c) [Annex G]	23	-	-
Series 44/45 Bray/McKannalok Butterfly Valves - 3.0" through 30"			
44####-110++001R (a)(c) [Annex G]	23	-	-
44####-110++00Q (a)(c) [Annex G]	23	-	-
44####-110++00T (a)(c) [Annex G]	23	-	-
44####-110++00U (a)(c) [Annex G]	23	-	-
44####-110++00X (a)(c) [Annex G]	23	-	-
44####-110++065(a)(c) [Annex G]	23	-	-
44####-110++066(a)(c) [Annex G]	23	-	-
44####-110++069(a)(c) [Annex G]	23	-	-
44####-110++075(a)(c) [Annex G]	23	-	-
44####-110++084(a)(c) [Annex G]	23	-	-
45####-110++001R (a)(c) [Annex G]	23	-	-
45####-110++00Q (a)(c) [Annex G]	23	-	-



Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
45####-110++00T (a)(c) [Annex G]	23	-	-
45####-110++00U (a)(c) [Annex G]	23	-	-
45####-110++00X (a)(c) [Annex G]	23	-	-
45####-110++065(a)(c) [Annex G]	23	-	-
45####-110++066(a)(c) [Annex G]	23	-	-
45####-110++069(a)(c) [Annex G]	23	-	-
45####-110++075(a)(c) [Annex G]	23	-	-
45####-110++084(a)(c) [Annex G]	23	-	-

[Annex G] - Denotes this product is also certified to Annex G of ANSI/NSF 61-2008, weighted average lead content ≤0.25%.

(a) - #### represents valve size where # = any number from 0 to 9

(c) - ++ represents the flange drilling where ++ may be numeric or alphanumeric characters

BURTIN POLYMER LABORATORIES INC
100 ENTERPRISE DR, CARTERSVILLE GA 30120-8220

MH49136

ANSI/NSF STANDARD 61
Barrier Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
BPL 7061 (A)	23	Polyurethane	20 sq cm / L
BPL 7061 (B)	82	Polyurethane	5.0 sq cm / L

(A) - Tank Size ≥ 5,000 gal, Maximum Surface Area to Volume Ratio = 20 sq cm / L, Maximum Field Use Dry Film Thickness (mils) = 120, Maximum Thinner = None, Minimum Cure Time = 4 days, Two part coating, mix ratio is 1 Part A to 1 Part B by Volume. See manufacturers instructions for additional product use information. This product was tested without a primer or an additional topcoat. It is recommended that any primer or topcoat used should be certified to ANSI/NSF Standard 61 by an ANSI accredited certifier.

(B) - For use on products where the Surface Area to Volume Ratio does not exceed 5.00 sq cm / L, only when part A is mixed with Part B in a 1:1 ratio and coated up to a thickness of 80 mils See manufacturer's instructions for additional product use information.

C I M INDUSTRIES INC
23 ELM ST, PETERBOROUGH NH 03458

MH17445

ANSI/NSF STANDARD 61
Barrier Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
CIM 1000 Trowel Grade(a)(d)(e)(n)(p)(q)	23	Polyurethane	21.3 sq cm / L
CIM 1000 Trowel Grade(b)(d)(e)(n)(p)(q)	82	Polyurethane	1.8 sq cm / L
CIM 1000 Trowel Grade(e)(g)(d)(h)(n)(p)	23	Polyurethane	13.5 sq cm / L
CIM 1061(a)(c)(e)(n)(p)(q)	23	Polyurethane	21.3 sq cm / L
CIM 1061(b)(c)(e)(n)(p)(q)	82	Polyurethane	1.8 sq cm / L
CIM 1061(e)(g)(c)(h)(n)(p)	23	Polyurethane	13.5 sq cm / L
CIM 2000 Trowel Grade (e)(h)(i)(l)(n)(p)	23	Polyurethane	11.0 sq cm / L
CIM 2000(e)(h)(i)(j)(n)(p)	23	Polyurethane	11.0 sq cm / L

Joining and Sealing Materials

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl	Surface Area to Volume Ratio
CIM 1000 Trowel Grade(d)(f)(n)(o)	23	Polyurethane	21.3 sq cm / L
CIM 1061(c)(f)(n)(o)	23	Polyurethane	21.3 sq cm / L

(a) - Maximum surface area to volume ratio of 21.3 sq cm / L for tanks greater than 5,000 gal.

(b) - Maximum surface area to volume ratio of 1.8 sq cm / L for tanks greater than 8.5 million gal.

(c) - CIM 1061 consists of CIM 1061 premix and CIM 1061 activator mixed in a 35.7 to 5.7 ratio by weight.

(d) - CIM 1000 Trowel Grade consists of CIM 1000TG premix and CIM 1000TG activator mixed in a 31.9 to 5.2 ratio by weight.

(e) - Also Classified is CIM Bonding Agent as an optional primer (minimum coverage rate of 300 ft² / gal with a minimum drying time of 30 minutes).

(f) - Maximum surface area to volume ratio of 21.3 sq cm / L for use up to 10% of 10 gal. tanks or greater.

(g) - Maximum surface area to volume ratio of 13.5 sq cm / L for tanks greater than 20,000 gal.

(h) - The following use restrictions apply: Number of coats: as many as needed to reach the Maximum Field Use Dry Film Thickness of 80 mils, Minimum Cure Temperature: 60 F, Re-coat/cure time: 3 hours/1 week

(i) - Maximum surface area to volume ratio of 11.0 sq cm / L for tanks greater than 40,000 gal.

(j) - CIM 2000 consists of CIM 2000 premix and CIM 2000 activator mixed in a 33.91 to 6.17 ratio by weight.

(l) - CIM 2000 consists of CIM 2000TG premix and CIM 2000TG activator mixed in a 5 to 1 ratio.

(n) - Before placing into service, decontaminate following AWWA Standard C652 or equivalent.

(o) - Also Classified is CIM Bonding Agent as an optional primer (minimum coverage rate of 300 ft² / gal with a minimum drying time of 30 minutes). The following use instructions apply: Minimum cure temperature: 60 F - Minimum cure time: 2 weeks

(p) - The coating is approved to be used over Scrim which is a polyester material which is typically applied over the crack before the coating is applied.

(q) - The following use restrictions apply: Number of coats: as many as needed to reach the Maximum Field Use Dry Film Thickness of 60 mils, Minimum Cure Temperature: 60 F, Re-coat/cure time: 3 hours/2 weeks.

NOTE - These products were tested without a primer or additional topcoat. It is recommended that any primer or topcoat used should be certified to ANSI/NSF Standard 61 by an ANSI accredited certifier.

CAL-PACIFIC CARBON L L C
555 S DEPOT RD PO BOX 103, FIELDS LANDING CA 95537

ANSI/NSF STANDARD 61
Process Media

Trade Dsg	Water Contact Temp (C)	Water Contact Mtl	Surface Area to Volume Ratio
PACarb Plus Powder Activated Carbon	23	Powder Activated Carbon (PAC)	250 mg/L
PACarb Powder Activated Carbon	23	Powder Activated Carbon (PAC)	250 mg/L

CAMPBELL FITTINGS INC

301 S WASHINGTON AVE PO BOX 238, BOYERTOWN PA 19512

MH28713

ANSI/NSF STANDARD 61
Pipes and Related Products

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl
Adapter Style CJMS (0.75-6in.) [Annex G]	23	Stainless Steel
Adapter Style FAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style FAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HAGLS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HAGLSS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HAGPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HAGS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HAGSS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HALB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HALGPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HALPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HALS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HALSS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HAPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HAS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HASS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HEB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HEGPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HEGS (0.5-6in.) [Annex G]	23	Steel
Adapter Style HEGSS (0.75-6in.) [Annex G]	23	Stainless Steel
Adapter Style HEPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HES (0.5-6in.) [Annex G]	23	Steel
Adapter Style HESS (0.75-6in.) [Annex G]	23	Stainless Steel
Adapter Style HRB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HRGPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HRGS (0.5-6in.) [Annex G]	23	Steel
Adapter Style HRGSS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style HRPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HRS (0.5-6in.) [Annex G]	23	Steel
Adapter Style HRSS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style MAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style MAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style MASS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style RAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style RAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style RASS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style SAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style SAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style SASS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style XB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style XS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style XSS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style ZAB (1-1.25in.) [Annex G]	23	Red Brass
Adapter Style ZAS (1-1.25in.) [Annex G]	23	Plated Steel
Adapter Style ZBB (1-1.25in.) [Annex G]	23	Red Brass
Adapter Style ZBS (1-1.25in.) [Annex G]	23	Plated Steel
Coupling Style CB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style CS (0.5-6in.) [Annex G]	23	Plated Steel
Coupling Style CSS (0.75-6in.) [Annex G]	23	Stainless Steel
Coupling Style HCB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style HCLPS (0.5-12in.) [Annex G]	23	Plated Steel
Coupling Style HCLS (0.5-12in.) [Annex G]	23	Steel
Coupling Style HCLSS (0.75-12in.) [Annex G]	23	Stainless Steel
Coupling Style HCPS (0.5-12in.) [Annex G]	23	Plated Steel
Coupling Style HCS (0.5-12in.) [Annex G]	23	Steel
Coupling Style HCSS (0.75-12in.) [Annex G]	23	Stainless Steel
Coupling Style RCB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style RCS (0.5-6in.) [Annex G]	23	Plated Steel
Coupling Style RCSS (0.75-6in.) [Annex G]	23	Stainless Steel
Coupling Style XCB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style XCS (0.5-6in.) [Annex G]	23	Plated Steel
Coupling Style XCSS (0.75-6in.) [Annex G]	23	Stainless Steel
Ell Style WLB (0.75-1.5in.) [Annex G]	23	Red Brass
Ell Style WLS (0.75-1.5in.) [Annex G]	23	Plated Steel



Documents

Document Sharing Hub

Trade Dsg	Water Contact Temp (°C)	Mtl	Water Contact
Leg Style LEG (1in.) [Annex G]	23		Red Brass
Nipple Style NB (0.5-6in.) [Annex G]	23		Red Brass
Nipple Style NPS (0.5-6in.) [Annex G]	23		Plated Steel
Nipple Style NS (0.5-6in.) [Annex G]	23		Steel
Nipple Style NSS (0.5-6in.) [Annex G]	23		Stainless Steel
Venturi Style VFAB (0.75-2in.) [Annex G]	23		Red Brass
Venturi Style VFAS (0.75-2in.) [Annex G]	23		Plated Steel
Venturi Style VMAB (0.75-2in.) [Annex G]	23		Red Brass
Venturi Style VMAS (0.75-2in.) [Annex G]	23		Plated Steel
Venturi Style XVB (0.75-2in.) [Annex G]	23		Red Brass
Venturi Style XVS (0.75-2in.) [Annex G]	23		Plated Steel

[Annex G] - Denotes this product is also certified to Annex G of ANSI/NSF 61-2008, weighted average lead content ≤0.25%.

CAMPBELL MANUFACTURING L L C
127 E SPRING ST, BECHTELSVILLE PA 19505

MH47703

ANSI/NSF STANDARD 61
Pipes and Related Products

Trade Dsg	Water Contact Temp (°C)	Water Contact Mtl
Adapter Style CJMS (0.75-6in.) [Annex G]	23	Stainless Steel
Adapter Style FAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style FAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HAGLS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HAGLSS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HAGPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HAGS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HAGSS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HALB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HALGPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HALPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HALS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HALSS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HAPS (0.5-12in.) [Annex G]	23	Plated Steel
Adapter Style HAS (0.5-12in.) [Annex G]	23	Steel
Adapter Style HASS (0.5-12in.) [Annex G]	23	Stainless Steel
Adapter Style HEB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HEGPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HEGS (0.5-6in.) [Annex G]	23	Steel
Adapter Style HEGSS (0.75-6in.) [Annex G]	23	Stainless Steel
Adapter Style HEPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HES (0.5-6in.) [Annex G]	23	Steel
Adapter Style HESS (0.75-6in.) [Annex G]	23	Stainless Steel
Adapter Style HRB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style HRGPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HRGS (0.5-6in.) [Annex G]	23	Steel
Adapter Style HRGSS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style HRPS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style HRS (0.5-6in.) [Annex G]	23	Steel
Adapter Style HRSS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style MAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style MAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style MASS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style RAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style RAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style RASS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style SAB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style SAS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style SASS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style XB (0.5-4in.) [Annex G]	23	Red Brass
Adapter Style XS (0.5-6in.) [Annex G]	23	Plated Steel
Adapter Style XSS (0.5-6in.) [Annex G]	23	Stainless Steel
Adapter Style ZAB (1-1.25in.) [Annex G]	23	Red Brass
Adapter Style ZAS (1-1.25in.) [Annex G]	23	Plated Steel
Adapter Style ZBB (1-1.25in.) [Annex G]	23	Red Brass
Adapter Style ZBS (1-1.25in.) [Annex G]	23	Plated Steel
Coupling Style CB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style CS (0.5-6in.) [Annex G]	23	Plated Steel
Coupling Style CSS (0.75-6in.) [Annex G]	23	Stainless Steel
Coupling Style HCB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style HCLPS (0.5-12in.) [Annex G]	23	Plated Steel
Coupling Style HCLS (0.5-12in.) [Annex G]	23	Steel
Coupling Style HCLSS (0.75-12in.) [Annex G]	23	Stainless Steel
Coupling Style HCPS (0.5-12in.) [Annex G]	23	Plated Steel
Coupling Style HCS (0.5-12in.) [Annex G]	23	Steel
Coupling Style HCSS (0.75-12in.) [Annex G]	23	Stainless Steel
Coupling Style RCB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style RCS (0.5-6in.) [Annex G]	23	Plated Steel
Coupling Style RCSS (0.75-6in.) [Annex G]	23	Stainless Steel
Coupling Style XCB (0.5-4in.) [Annex G]	23	Red Brass
Coupling Style XCS (0.5-6in.) [Annex G]	23	Plated Steel