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FACTORY MADE AIR DUCT, AIR CONNECTOR, AND CLOSURE SYSTEM COMPONENTS

The products listed here are various types of components used in the fabrication of flexible or rigid air ducts and air connectors.

Requirements for this category of products apply to materials for the fabrication of air duct and air connector systems for use in accordance with the Standards of the National Fire Protection Association for the Installation of Air Conditioning and Ventilating Systems, NFPA 90A, and the Installation of Warm Air Heating and Air Conditioning Systems, NFPA 90B.

In addition, the requirements include performance in flame exposure tests of flame resistant fabrics of natural, synthetic, or combinations of natural and synthetic fibers or films. The flame resistance of the fabric or film may be inherent in the material used or may be the result of chemical treatment to retard ignition and spread of flame.

The listings may also include closure systems consisting of pressure sensitive tapes, heat activated tapes, mastic/fabric combinations, clamp combinations, and other devices used to effect closure of air ducts and connectors.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style, model or catalog designation, date code, and specific information relative to methods of joining materials.

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **ANSI/UL 214, Tests for Flame Propagation of Fabrics and Films**.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

Only products which properly bear the ARL Listing Mark (Label) are considered Listed by ARL.

The products listed here are preformed lengths of flexible or rigid air ducts, materials in the form of boards for field fabrication of lengths of rigid ducts, and preformed flexible air connectors.

Requirements for this category of products apply to materials for the fabrication of air duct and air connector systems for use in accordance with the Standards of the National Fire Protection Association for the Installation of Air Conditioning and Ventilating Systems, NFPA 90A, and the Installation of Warm Air Heating and Air Conditioning Systems, NFPA 90B.

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FACTORY MADE AIR DUCTS, AIR CONNECTORS, AND CLOSURE SYSTEM COMPONENTS (continued)

For the purpose of these requirements, air ducts and air connectors are classified as follows:

Class 0 - Air ducts and connectors having surface burning characteristics of zero.

Class 1 - Air ducts and connectors having a flame spread index of not over 25 without evidence of continued progressive combustion and a smoke developed index of not over 50.

The listings may also include closure systems consisting of pressure sensitive tapes, heat activated tapes, mastic/fabric combinations, clamp combinations, and other devices used to effect closure of air ducts and connectors.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style, model or catalog designation, size (diameter), rated air velocity, maximum positive and negative pressures, class rating, flame spread rating, smoke developed rating, date code, and specific information relative to methods of joining materials at intervals not greater than ten feet. Instructions for making joints are included on the material or with each package of material. Instructions for the fabrication of material furnished in the form of boards are included with each package of material.

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **UL 181, Factory Made Air Ducts and Air Connectors; and/or UL 181A, Closure Systems for Use with Rigid Air Ducts and Air Connectors; and/or UL 181B, Closure Systems for Use with Flexible Air Ducts and Air Connectors.**

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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G.L.V. International, Ltd.
Meshek Noiman
Moshav Ein Vered
Israel

Flexible Air Duct, ~~Class 0, Model AF625, AF626, AF627, AF628, AF629, AF630~~
(File 30690) **DELISTED** 04.01.09

Flexible Air Duct, ~~Class 1, Models AF610, AF611 and AF612~~ (File 30691) **DELISTED**
04/01/09

Dryer Transition Duct, ~~Models AF600, AF601, AF603, AF604~~
{UL Subject 2158A} (File 30691A) **DELISTED** 04.01.09

Flexible Air Duct, Class 1, ~~Model AF635, AF636, AF637, AF638, AF644, AF645, AF646,
AF647, AF648, AF649, AF650, AF651, & AF652~~ (File 30692) **DELISTED** 04.01.09

US FLEX, INC. (manufacturer)
Spring, TX 77383

Flexible Air Duct, Class 1, ~~model CS in 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18 or 20 inch
diameters, 4000 F.P.M. maximum air velocity, 10" w.c. maximum positive pressure, 4"
w.c. maximum negative pressure, flame spread rating less than 25, smoke developed
rating less than 50, 4.2 R-value average~~ (File 29842A) **DELISTED**

Flexible Air Duct, Class 1, model CSS in 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18 or 20 inch
diameters, 4000 F.P.M. maximum air velocity, 10" w.c. maximum positive pressure, 1"
w.c. maximum negative pressure, flame spread rating less than 25, smoke developed
rating less than 50, 6.0 R-value average (File 29842) **NRTL**

Flexible Air Duct, ~~Class 1, model MHF in 10, 12 or 14 inch diameters, 4000 F.P.M.
maximum air velocity, 10" w.c. maximum positive pressure, 1" w.c. maximum negative
pressure, flame spread rating less than 25, smoke developed rating less than 50, 4.2 R-
value average~~ (File 29842B) **DELISTED**

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FIXED AND LOCATION DEDICATED ELECTRIC ROOM HEATERS

The products listed here are fixed and location dedicated electric room heating equipment rated 600 volts or less to be employed in ordinary locations in accordance with the National Electrical Code, NFPA 70.

The requirements for this category **do not** cover movable heaters, wall or ceiling hung heaters, baseboard heaters, duct heaters, central heating furnaces, fan coil units, panel or cable type radiant heating equipment, electric boilers, or any other electric heating equipment or appliances that are covered in or as a part of separate, individual requirements.

A location dedicated heater that is considered likely to be operated as a movable heater has also complied with the requirements for movable heaters.

If the operation of a heater involves the generation and confining under pressure of steam or other gas, consideration has been given to the possibility of risk of explosion incident to such operation. This applies in the case of an appliance having immersed electrodes, if the electrolysis of water may result in the accumulation of oxygen and hydrogen. The appliance is not acceptable unless its strength is such that it will withstand any risk of explosion that may be involved.

Each product is permanently marked, in such location that the marking is plainly visible (after installation in the case of a permanently connected appliance), with (1) (manufacturer)'s name, trade name or trademark, (2) the catalog number or the equivalent (3) the date or other dating period of manufacture not exceeding any three consecutive months, (4) the electrical ratings of each circuit to which a supply connection is made and (5) hazard and other warnings as required by the standard. A heater intended for use on alternating current only or direct current only is marked to so indicate. If a (manufacturer) produces or assembles heaters at more than one factory, each finished heater has a distinctive marking - which may be in code - to identify it as the product of a particular factory. A heater whose acceptable performance depends upon its proper location or position is marked (such as "Top" or "Bottom") to indicate the way in which it is to be installed or used, unless such position is obvious from the external appearance of the heater.

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **ANSI/UL 2021, Fixed And Location Dedicated Electric Room Heaters**.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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ELECTRO INDUSTRIES, INC. (manufacturer)
Monticello, MN 55362

Electric Room Heater (Decorative Fireplace), ~~model CF f/b 1000, 1100, 1100 DW, 1200, 1200 DW, 1400A, 1400 A R, 1400A R DW, 1400A DW, 3000A or 3000A R~~ (File 29144) **DELISTED**

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FLAME EFFECT SYSTEMS

The products listed here are flame effect systems used for entertainment, exhibition, demonstration, or simulation before an audience in indoor or outdoor conditions. The design, fabrication, installation, testing, control, operation and maintenance of these products are evaluated in accordance with **NFPA 160, "Flame Effects Before an Audience."** These products are classified as follows:

Group I Flame Effect - An attended, manually controlled flame effect.

Group II Flame Effect - An individual or group flame designed for unattended operation that is temporarily or permanently installed outside any structure

Group III Flame Effect - An attended, temporarily installed flame effect for a specific production with limited operation and fixed time for removal.

Group IV Flame Effect - A large individual or group flame effect that is permanently installed inside or outside any structure designed for unattended operation without a main show supervisory control system.

Group V Flame Effect - A large individual or group flame effect that is temporarily or permanently installed inside or outside any structure and is designed for intermittent or continuous operation under that supervision of a main show control system but without full-time supervision by a technician.

Group VI Flame Effect - A large individual or group flame effect that is temporarily or permanently installed inside or outside any structure and is designed for intermittent or continuous operation under that supervision of a main show control system and a technical director, with cast members in close proximity to the effect at the time of operation.

Group VII Flame Effect - A large individual or group flame effect that is temporarily or permanently installed inside or outside any structure that, due to its unique operating requirements, does not fit into any other classification.

These requirements **do not** cover flame effects produced solely by pyrotechnic special effects devices; use of pyrotechnic special effects; storage of flammable solids, liquids, and gases; manufacture, off-site storage and transportation of materials and equipment used to produce flame effects; and use of flame effects in fire training.

The flame effect systems shall employ a control system which consists of the following: an emergency stop capability, fuel management, controlled enabling and arming of flame effect and controlled and repeatable firing of the flame effect. All flame effect systems must be operated by trained personnel a minimum of 21 (twenty-one) years of age.

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FLAME EFFECT SYSTEMS (continued)

Each product is marked with the (manufacturer)'s or private labeler's name, trademark, or identifying symbol, a distinctive type, style, model or catalog designation, date code, and/or date of manufacture and must be installed in accordance with the (manufacturer)'s installation instructions. When a (manufacturer) produces products at more than one factory, each system will have a distinctive marking to identify it as the product of a particular factory.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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SIGMA SERVICES, INC. (manufacturer)
Plant City, FL 33567

Flame Effect System, models DF tradename DragonFly, FF tradename Firefly, and PH tradename Phoenix (File 30374)

Flame Effect System, model DTT1 and STT1 tradename Tiki Torch (File 30471)

Flame Effect System, model CC-1-15 tradename Prism Flame System (File 30649)

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FLUORESCENT LIGHTING FIXTURES AND LAMP BALLASTS

These products listed here are general use fluorescent lamps, ballasts, and lighting fixtures for commercial, industrial, or residential use in ordinary locations in accordance with the National Electrical Code, NFPA 70.

Some products may be for use in hazardous locations if so specified in the product listing. Fixtures for use in hazardous locations are classified as (1) Class I, Divisions 1 and 2, Groups A, B, C, D; (2) Class II, Division 18, Groups E, F and G; or (3) Class II, Division 2, Group G.

Additional listings include lamp ballasts of the resistance, reactance and electronic (solid state) types for use with fluorescent lamps involving a potential of 2500 volts or less.

A fixture provided with lampholders for both incandescent and fluorescent lamps (a combination incandescent / fluorescent lamp fixture) complies with the requirements of this category and with requirements in the Standard for Incandescent Lighting Fixtures, UL 1571, insofar as they apply to construction, test methods, and marking requirements unique to incandescent lamps.

A fixture provided with lampholders for both fluorescent and high intensity discharge lamps (a combination fluorescent / high intensity discharge lamp fixture) complies with requirements in the Standard for High Intensity Discharge Lighting Fixtures, UL 1572, and with the requirements of this category insofar as they apply to construction, test methods and marking requirements unique to fluorescent lamps.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive style, type, catalog or model designation, date code, electrical ratings, wiring diagram, electrical hazard warnings, lamp type, maximum lamp wattage, and if applicable, the appropriate class, division and group applications.

These products comply with ARL requirements which include pertinent sections of the Standards for Safety, **ANSI/UL 844, Electric Lighting Fixtures for Use in Hazardous (Classified) Locations, ANSI/UL 935, Fluorescent Lamp Ballasts and/or ANSI/UL 1570, Fluorescent Lighting Fixtures.** They are intended for installation in accordance with the National Electrical Code, ANSI/NFPA 70.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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MARINA POWER CO., INC. (manufacturer)
Miami, FL 33166

Fluorescent Lighting Bollard, ~~model MP-LB-P; MP-LB-P f/b 100/3, 60/2 or 60/2 60/2 f/b (480V)~~ (File 28250) **DELISTED** 04/28/95

Fluorescent Lighting Bollard, ~~model MPLB-12 f/b alpha/numeric characters~~ (File 29572) **NRTL DELISTED** 05/2/07

Fluorescent Lighting Bollard and Power Distribution Transformer, ~~model MPLB (12) or MPLB (1216) f/b 60/2 60/2 f/b alpha/numeric characters~~ (File 29573) **NRTL DELISTED** 05/2/07

INTERNATIONAL DOCK PRODUCTS, INC. (manufacturer)
Pembroke Park, FL 33009

Fluorescent Lighting Bollard, model LBB or LBC f/b alpha/numeric characters (File 30201)

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HARDWARE FOR THE SUPPORT OF CONDUIT, TUBING AND CABLE

The products listed here are hardware for the support of conduit, tubing and cable, such as hangers, staples, straps, and similar devices for installation in accordance with the National Electric Code, NFPA 70, and the Canadian Electric Code (CEC) Part I. The requirements also cover standoffs for nonmetallic-sheathed cable and protector plates.

The requirements for this category of products **do not** include: hardware for use with surface raceway, wireway, or busway systems, sprinkler systems, and other piping used for fire protection service, hardware for use with lighting fixtures, or hardware for grounding and bonding applications.

These requirements do not cover:

- a) Hardware intended to support boxes
- b) Conduit and cable fittings
- c) Reducing washers
- d) Pulling grips for cable or cord
- e) Cable ties or
- f) Positioning devices

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style, model or catalog designation, date code, electrical ratings, electrical hazard warnings, wiring diagram, type and kind of refrigerant employed, factory test pressures for suction and discharge sides and, if applicable, marked "Suitable For Outdoor Use."

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **UL 2239, Hardware for the Support of Conduit, Tubing and Cable.**

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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POTENTIAL DESIGN, INC. (manufacturer)
Fresno, CA 93725

Struts, model Wall Mount or Trapeze Mount f/b 12", 24", 48", 96" or 120" (File 30564)

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HEAT PUMPS

The products listed here are factory made split system and unitary type heat pumps which employ hermetic refrigerant motor compressors and are intended for comfort heating and/or cooling and may also include provisions for supplementary resistive electric heat. The listings also include compression type equipment designed for installation in, or connected by ducts to, the conditioned space.

When the equipment is supplied in more than one assembly (split system), the separate assemblies are to be used together. Split system listings are based on the use of matched assemblies.

Requirements for this category of products **do not** include a heat pump system designed to utilize the indoor fan motor assembly of an installed furnace where (1) the heat pump and furnace are intended to operate simultaneously during heating operation, or (2) the indoor coil is intended to be mounted upstream (return air side) of the furnace. In addition, requirements for this category **do not** apply to reverse cycle room air conditioners, to equipment incorporating gas fired or oil fired heating means, or to heat pumps comprising field connected refrigerant containing components other than matched assemblies as indicated above.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style, model or catalog designation, date code, electrical ratings, electrical hazard warnings, wiring diagram, type and amount of refrigerant employed, reference to supplemental heater(s) used with the heat pump, factory test pressures for suction and discharge sides and, if applicable, marked "Suitable for Outdoor Use."

These products are rated 600 volts or less and comply with ARL requirements which include pertinent sections of the Standard for Safety, **ANSI/UL 559, Heat Pumps**. The products are intended for installation in accordance with the Safety Code for Mechanical Refrigeration, ANSI B9.1; and for heat pumps designed to be connected to air duct systems, in accordance with the Standard for Air Conditioning and Ventilating Systems, NFPA 90A and the Standard for Warm Air Heating and Air Conditioning Systems NFPA 90B. Requirements for the installation of heat pumps designed to be connected to air duct systems are also included in codes such as the BOCA Basic National Mechanical Code, the Standard Mechanical Code, and the Uniform Mechanical Code.

Products shown in this category were listed prior to the adoption of ANSI/UL 1995, Heating and Cooling Equipment.

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**FRIEDRICH AIR CONDITIONING
AND REFRIGERATION COMPANY
Ft. Lauderdale, FL 33309**

Heat Pump, ~~model V f/b 22-12, 27-12, 33-12, 33-32, 42-12, 42-32, 52-12 or 52-32 f/b W~~
(File 22344) **DELISTED**

**FRIEDRICH AIR CONDITIONING
AND REFRIGERATION COMPANY
San Antonio, TX 78295**

Heat Pump, ~~outdoor unit, model RYA-GAA, 2, 2.5 or 3.0 ton~~ (File 21762) **DELISTED**

Heat Pump, ~~indoor unit, model ECC or BOA f/b GAA, w/wo electric heat~~ (File 21759)
DELISTED

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HEATING AND COOLING EQUIPMENT

The requirements for this category of products include stationary equipment for use in non-hazardous locations, rated 7200 volts or less, single or three phase, and remote control assemblies for such equipment:

- a) Heat pumps, for heating and cooling with or without factory or field installed electric resistance heaters, or hot water or steam heating coils.
- b) Air conditioners for cooling with or without factory or field installed electric resistance heaters, or hot water or steam heating coils.
- c) Cooling portion and associated components of combination heating and cooling equipment employing gas, oil, or gas/oil fired heating means. However, the requirement for the construction and performance of the gas, oil, or gas/oil fired heating means, and their associated components, shall conform to the particular standards covering such heating equipment and components.
- d) Liquid chillers and compressor/evaporator or liquid chiller assemblies intended for use with remote condensers.
- e) Condensing units intended for connection to a remote non-specified evaporator and compressor units intended for connection to a remote non-specified evaporator and condenser.
- f) Add-on heat pumps for comfort heating or heating and cooling.
- g) Heat pump water heaters and refrigerant desuperheaters, and packaged heat pump water heaters consisting of a heat pump water heater and an associated storage tank.
- h) Fan units and fan coil units for comfort heating and/or comfort cooling.
- l) Room fan heater units, central heating furnaces, and similar fixed electric space heating for comfort heating.

The units referenced in item (g) may be cord connected if they:

- a) are for indoor use only;
- b) are rated 250 volts or less, single phase, with a marked rating of 24 amperes or less; and
- c) comply with Clause 1.11 of ANSI/UL 1995.

A fan unit includes a motor operated fan or blower, and is intended to be connected to a duct system that supplies conditioned air for environmental heating and/or cooling. Such a unit may

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HEATING AND COOLING EQUIPMENT (continued)

have air controlled dampers, but does not include a factory installed heat exchanger or any other integral heating or cooling means.

A fan coil unit includes a motor operated fan or blower together with a cooling coil, a heating coil, or both. The fan or blower is intended to recirculate air, and may introduce air from outside of the heated or cooled space. The coil may be used for refrigerant cooling, for chilled water cooling, for hot water heating, for steam heating, or for combinations of these functions.

A fan coil unit is intended to be piped to a remote source of the heating and/or cooling mediums. A unit that includes an electric resistance heater is considered to be a fan coil unit if a water or refrigerant coil for comfort cooling and/or a water or steam coil for comfort heating is provided in the unit.

A room fan heater unit is intended for heating only, includes a motor operated fan or blower, employs electric resistance heat as the only heat source, and is intended to serve only one room or space.

A fan coil unit or electric space heating equipment, as covered by these requirements, may be designed for free discharge of air to the room or may be provided with means for duct connection.

A central warm air furnace is a heating appliance that consists of an electric heating element or elements with an air circulating fan or blower, is provided with appropriate integral operating and temperature limiting

controls, and is housed in an enclosure designed to be connected to duct work for the distribution of the heated air remote from the unit.

The units referenced in the paragraph 1 may consist of one or more factory made assemblies. If provided in more than one assembly, the separate assemblies are to be used together, and the requirements are based on the use of matched assemblies. These requirements apply to assemblies designed for free discharge of air into the conditioned space as well as those which may be provided with means for duct connection.

The requirements for this category **do not** apply to add-on heat pump systems designed to utilize the indoor fan motor assembly of an installed furnace where:

- a) the heat pump and furnace are intended to operate simultaneously during heating operation except as noted in the Exception to Clause 26.14 of ANSI/UL 1995; or
- b) the refrigerant coil is intended to be mounted upstream (return air side) of the furnace.

The requirements for this category **do not** cover panel or cable type radiant heating equipment, electric boilers, baseboard heaters, air heaters, duct heaters, and unit coolers for refrigeration

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HEATING AND COOLING EQUIPMENT (continued)

purposes, nor any other electric heating equipment or appliances which are covered in or as a part of separate, individual standards.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style, model or catalog designation, date code, electrical ratings, electrical hazard warnings, wiring diagram, type and amount of refrigerant employed, factory test pressures for suction and discharge sides, and other markings and cautionary or hazard warnings as required for individual types of products.

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **ANSI/UL 1995, Heating and Cooling Equipment and/or Subject 1615, Outline of investigation for Refrigerant Heat Recovery Units.** The listings apply to equipment designed to be used in non-hazardous locations in accordance with the Rules of the Canadian Electrical Code, Part I; and requirements of the National Electrical Code, ANSI/NFPA No. 70; the Mechanical Refrigeration Code,

CSA Standard B52, and the Safety Code for Mechanical Refrigeration, ANSI/ASHRAE 15; and the Standard for the Installation of Air Conditioning and Ventilating Systems, NFPA 90A; and the Standard for the Installation of Warm Air Heating and Air Conditioning Systems, NFPA 90B. In addition, requirements for the installation of units designed to be connected to air duct systems are also included in codes such as the

BOCA Basic National Mechanical Code, the Standard Mechanical Code, and the Uniform Mechanical Code. Units intended for connection to telecommunication equipment have the appropriate assembly containing such circuitry to meet the Standard for Telecommunication Equipment, CSA C22.2 No. 225, and Telephone Equipment, ANSI/UL 1459.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

Only products which properly bear the ARL Listing Mark (Label) are considered Listed by ARL.

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BEL THERMAL UNITS, INC. (manufacturer)
Ft. Lauderdale, FL 33334

Electric Strip Heater, model B f/b alpha/numeric characters, 0.1 to 70.0 kW, see the following for individual model designations and HVAC equipment compatibility

Model BSNY- for use with Rheem-Ruud packaged rooftop air conditioner model RSNY, RSNW, USNY or USNW f/b 030, 036, 042, 048 or 060

Model BTASC- for use with Intertherm or Tempaire unitary air conditioner model ASC- or TASC- f/b 030B, 036B, 042B or 048B

Model BTPSY- for use with Intertherm or Tempaire unitary heat pump model PSY- or TPSY- f/b 030, 036, 042 or 048

Model BP25/60- for use with Bard packaged heat pump model PH f/b 24, 25, 31, 36, 42, 48 or 60; PH10 f/b 48 or 60; PH11 f/b 24, 30, 36 or 42; PH12 f/b 24, 30 or 36; or packaged air conditioner model P f/b 24, 25, 36, 42, 48 or 60; P10 f/b 24, 30, 36, 42, 48 or 60; P11 f/b 24, 30, 36, 42 or 48; or P12 f/b 24, 30 or 36. Model PA13.

Model PA13 f/b 241-A, 361-A, 421-A, 481-A, 601-A, 301-A, 361-B, 421-B, 481-B, 601-B

Model BSNC- for use with Rheem-Rudd packaged air conditioner model RSNC, RSND, RSNE, USNC, USND or USNE; or packaged heat pump model RPNC, RPND, UPNC or UPND, all f/b 018, 024, 030, 036, 042, 048 or 060

Model BJKA- for use with the following:

Dayton Electric packaged heat pump model MJKA or MJMA f/b 036, 042, 048 or 060; or packaged air conditioner model MKKA or MLKA f/b 036, 042, 048, 060, 072 or 085

Rheem-Rudd packaged heat pump model RJKA, RJMA, UJKA or UJMA f/b 036, 042, 048 or 060; or packaged air conditioner model RKKA, RLKA, RKMA, RLMA, UKKA, UKMA, ULKA or ULMA f/b 036, 042, 048, 060, 072 or 085

W.W. Grainger packaged heat pump model 3UH f/b 74, 76, 78, 80, 82 or 84; or packaged air conditioner model 3UJ f/b 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12 or 13; or model 3UH f/b 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98 or 99

WeatherKing packaged heat pump model WJKA or WJMA f/b 036, 042, 048 or 060; or packaged air conditioner model WKKA, WKMA, WLKA or WLMA f/b 036, 042, 048, 060, 072 or 085

Model BRC- for use with the following:

Dayton Electric packaged rooftop air conditioner model MRCF or MRCG f/b 076 or 100

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BEL THERMAL UNITS, INC. (manufacturer)
Ft. Lauderdale, FL 33334 (continued)

Rheem-Rudd packaged rooftop air conditioner model RRCF, RRCG, URCF or URCG f/b 065, 075, 076, 085, 100, 125, 150, 200 or 201

W.W. Grainger packaged rooftop air conditioner model 3UJ f/b 43, 44, 46, 47 or 48

Model BGSC- for use with Goettl or American Best packaged air conditioner model SC f/b 181, 241, 245, 301, 305, 361, 365, 421, 425, 481, 485, 601, 605 or 662; or packaged heat pump model HP f/b 181, 241, 242, 245, 301, 302, 305, 361, 362, 365, 421, 422, 425, 481, 482, 485, 601, 602, 605, 662 or 772;

Model BSMA- for use with the following:

Rheem-Rudd packaged air conditioner model RSKA or USKA f/b 018, 024, 030, 036, 042, 048 or 060; model RSMA or USMA f/b 024, 030, 036, 042 or 048; and packaged heat pump model RQKA or UQKA f/b 018, 024, 030, 036, 042 or 048; model RQLA, RQKA, RQMA, UQLA or UQMA f/b 018, 024, 030 or 036

Rheem-Rudd package air conditioner model RSNA or USNA f/b 024, 030, 036, 042, 048, 060

Rheem-Rudd package air conditioner model RQNA or UQNA f/b 018, 024, 030, 036, 042, 048

WeatherKing packaged air conditioner model WSKA or WSMA or packaged heat pump model WQKA, WQLA or WQMA; all f/b 018, 024, 030, 036 or 042

Model BCPO- for use with Cold Point packaged air conditioner model PCA f/b 24, 36, 48 or 60; or packaged heat pump model PHA f/b 24, 36, 48 or 60

Model BFRP- for use with the following:

Evcon Industries (including tradenames Air Pro, Coleman, Cooler-10, Cooler-12, Cooler-14 or Guardian) single piece air handler model F* f/b FC, FP, FV, RC or RP f/b 018, 024, 030, 036, 040, 042, 045, 048 or 060

Kenmore (including tradenames Cooler-10, Cooler-12 or Cooler-14 series) single piece air handler model F* f/b FP, RC or RP f/b 018, 024, 030, 036, 042, 048 or 060

Luxaire HBA, HBC or HBE series, single piece air handler model FB f/b FC, FP, FV, RC or RP f/b 018, 024, 030, 036, 040, 042, 045, 048 or 060

Moncrief single piece air handler model F* f/b FP, RC or RP f/b 018, 024, 030, 036, 042, 048 or 060

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BEL THERMAL UNITS, INC. (manufacturer)
Ft. Lauderdale, FL 33334 (continued)

United Refrigeration (including tradename NCP) single piece air handler model F* f/b FP, RC or RP f/b 018, 024, 030, 036, 042, 048 or 060

York (including tradenames Stellar 2000 or Stellar Plus) HRA, HCR or HRE series, single piece air handler model F f/b 1, 2, A, B or X f/b FC, FP, FV, RC or RP f/b 018, 024, 030, 036, 040, 042, 045, 048 or 060

York Unitary Products Group single piece air handler model N1AH, NAAH, NXAH, NBVS, NXVS or NZVS f/b B06, B08, B12, C16, D14 or D20

Model BLKB- for use with the following:

Rheem Standard Efficiency Self-Contained Air Conditioners model model RJKB, RLKB, RLMB, RJMB, RLNB, RJNB, RUUD: UKJB, ULKB, ULMB, UJMB, ULNB, UJNA (series) 7 ½ – 10 – 12 ½ Ton Rheem High Efficiency Self-Contained Air Conditioners model RLKB, RLMB, RLNA and RUUD Model: ULKB, ULMB, ULNA (series) 15 – 20 – 25 Ton

BHTR for use with RHEEM, RUDD, and HLA/HLL/HSA/HSL air handlers, single-phase or three-phase heaters (File 28916) NRTL

BINDUS MANUFACTURING LLC (manufacturer)
Moorsville, NC 28115

~~Hydronic Heating Unit, model HHU f/b A f/b 1,2, or 3; C f/b 1,2, 3, 4, or 5; E f/b 1,2, or 3; F f/b 1 or 2; G f/b 1,2, or 3; I f/b 1,2, 3, or 4; IP f/b 1,2, 3, or 4; IW f/b 1,2, or 3; J f/b 1,2, or 3; L f/b 1,2, 3, or 4; LX f/b 1, 2, 3, or 4; N f/b 1,2, or 3; R f/b 1,2, 3, or 4; TE f/b 2, 3, or 4; U f/b 1,2, or 3; Y f/b 1,2, 3, or 4; YP f/b 1,2, or 3; all may be f/b W/P and/or W/V (File 30787) NRTL~~
DELISTED 02.01.10

COLDFLOW, INC. (manufacturer)
Miami, FL 33127

Packaged Water Source Heat Pump, model CF f/b 024, 031, 036, 041, 048 or 060 f/b V (File 29837) NRTL

Commercial Condensing Unit, model CCH or CCS f/b alpha/numeric characters (File 30128) NRTL

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DELL CORPORATION (manufacturer)
Ft. Lauderdale, FL 33315

Electric Strip Heater, model HISH f/b alpha/numeric characters, 0.5 to 30.0 kW, see below for individual model designations and HVAC equipment compatibility

HISH- f/b TWE-, TWH- or TWV- f/b 0 or 7 f/b 18, 24, 25, 30, 31, 36, 39, 40, 42, 48, 60, 64 or 65, for use with American Standard / Trane air handler model TWE, TWH or TWV f/b 0 or 7 f/b 18, 24, 25, 30, 31, 36, 39, 40, 42, 48, 60, 64 or 65 f/b alpha/numeric characters

HISH- f/b AMA- or AMB- f/b 001, 002, 003, 004, 005, 006, 007, 011, 012, 013, 015, 016 or 017, for use with Heil Quaker, Air Quest, Maratherm or Tempstar air handler model BA or BH f/b 3018, 3024, 3030 or 3036 f/b QKA or SKA; BH f/b 5518, 5524, 5530, 5536, 5542 or 5560; BCM f/b 024, 036 or 060 f/b XKA; Sears air handler model 867.803 f/b 100, 120 or 130

HISH-AMA- f/b 018, 019, 020, 021, 022, 023 or 024, for use with Heil Quaker, Air Quest, Maratherm or Tempstar packaged air conditioner model NPAD f/b C or E f/b 24, 29, 34, 41 or 47 f/b AB; NPABA f/b 49 or 59 f/b AB or AH; Sears packaged air conditioner model 867.8192 f/b 11, 21, 32, 41 or 51

HISH-AMA- f/b 018, 019, 020, 021, 022, 023 or 024, for use with Air Quest, Maratherm or Tempstar packaged heat pump model NPHCB f/b 25, 29, 36 or 42 f/b AK; NPHCB f/b 48 or 60; Heil Quaker model PH f/b 5030, 5036 or 5042 f/b AKA; Sears packaged heat pump model 867.8144 f/b 54, 66, 74 or 85; or model 867.820983

HISH-BA- f/b 03, 04, 05, 06, 08, 10, 15 or 20 f/b J; HISH-BB- f/b 06, 08, 10 or 15 f/b C; HISH-BC- f/b 06, 08, 09, 10, 12, 15 or 20 f/b D; all for use with Rheem-Rudd packaged air conditioner model RSND-, RSNE-, USND- or USNE- f/b 018, 024, 030, 036, 042, 048 or 060 f/b J, C or D; WeatherKing packaged air conditioner model PCF f/b 18, 24, 30, 36, 42, 48 or 60 f/b R f/b 1, 3 or 5; Rheem-Rudd packaged heat pump model RPND- or UPND- f/b 018, 024, 030, 036, 042, 048 or 058 f/b J, C or D; or WeatherKing packaged heat pump model PHF f/b 18, 24, 25, 30, 31, 36, 37, 42, 43, 48, 49, 60 or 61 f/b R f/b C, D or J

HISH-HME- f/b 005, 075, 010, 115, 015 or 020, for use with Intertherm packaged air conditioner model ASCB-, ASCC- or ASCD- f/b 024, 030, 036, 042 or 048; Miller packaged air conditioner model MASCB-, MASCC-, MSC- or P1RA- f/b 024, 030, 036, 042 or 048; Intertherm packaged heat pump model PSYB-, PSYC- or PSYD- f/b 024, 030, 036, 042 or 048; or Miller packaged heat pump model MPSYB-, MSPA- or Q1RA- f/b 024, 030, 036, 042 or 048

HISH-50DJ- f/b 004, 005, 006 or 007, for use with Carrier packaged rooftop air conditioner model 50DJ f/b 004, 005, 006 or 007 f/b 3, 5 or 6

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DELL CORPORATION (manufacturer)
Ft. Lauderdale, FL 33315 (continued)

HISH-50QJ- f/b 004, 005 or 006, for use with Carrier packaged rooftop heat pump model 50QJ f/b 004, 005 or 006 f/b 3, 5 or 6

HISH-558B- f/b 036, 048, 060 or 072, for use with BDP (Bryant / Day and Night / Payne) packaged rooftop air conditioner model 558B f/b 036, 048, 060 or 072

HISH-548B- f/b 036, 048 or 060, for use with BDP (Bryant / Day and Night / Payne) packaged rooftop heat pump model 548B f/b 036, 048 or 060

HISH-2H f/b S, M or L f/b 0650 f/b 05, 08, 10, 13, 15, 20 or 25 f/b 06, 25 or 46 f/b N or B, for use with York air handler model N2AHD f/b 06, 10, 14, 16 or 20 f/b A06; or N2AHD f/b 14, 16 or 20 f/b A46; Fraser-Johnston or Luxaire air handler model NAMB-FD f/b 06, 10, 14, 16 or 20; or NAMB-FW f/b 14, 16 or 20

HISH-AHK- f/b 1, 2, 3, 4 or 5, for use with Amana air handler (blower coil) model ABCH f/b 2400, 3000 or 3600 f/b MC

HISH- f/b D, L, M or S f/b HMEC or HMED f/b 005, 007, 010, 012, 014, 018, 019 or 024 f/b PPB or QPB, for use with Miller or Intertherm air handler model PBMC or PBMD f/b 024, 030, 036, 042, 048 or 060 f/b K

HISH- f/b 40YA, 40YR, FA4, FB4, FB5, FC4, FK4, FK5, FH4 or FH5, f/b 018, 024, 030, 036, 042, 048, 060 or 070, may be f/b (A), for use with Carrier air handler (fan coil) model 40YA or 40YR f/b 018, 024, 030, 036, 042, 048 or 060; or Carrier/Bryant direct expansion fan coil unit, model FA, FB, FC, FH or FK f/b 4 or 5 f/b alpha/numeric characters f/b 018, 024, 030, 036, 042, 048, 060 or 070

HISH- f/b 50 f/b EE or QQ f/b 5, 7.5, 10, 15 or 20, for use with Carrier packaged air conditioner model 50 EE f/b 018, 024, 030, 042, 048 or 060 or packaged heat pump model 50 QQ f/b 018, 024, 030, 042, 048 or 060

HISH-HK f/b 05, 08, 10, 15 or 20, for use with Goodman, GMC, Franklin or Janitrol packaged air conditioner model PC f/b 024, 030, 036, 042 or 060 or packaged heat pump model PH f/b 024, 030, 036, 042 or 060; and American Standard or Trane packaged air conditioner model TCM f/b 024, 030, 036, 042 or 060 or packaged heat pump model WCM f/b 024, 030, 036, 042 or 060

HISH- f/b A or B f/b 05, 08, 10, 15 or 20, for use with Bard packaged air conditioner model P11 f/b 24, 30, 36 or 42 f/b A1 or packaged heat pump model PH f/b 251, 314, 365, 421, 484, or 605, may be f/b B

HISH-AO f/b 3, 5, 7.5, 9.8, 14.7 or 19.6, for use with Rheem-Rudd packaged air conditioner model RSKA, RSMA, USKA or USMA f/b 018, 024, 030, 036 or 042 or packaged heat pump model RQKA, RQMA, UQKA or UQMA f/b 018, 024, 030 or 036;

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DELL CORPORATION (manufacturer)
Ft. Lauderdale, FL 33315 (continued)

and WeatherKing packaged air conditioner model WSKA or WSMA f/b 018, 024, 030, 036 or 042 or packaged heat pump model WQKA or WQMA f/b 018, 024, 030 or 036

HISH-ND3 f/b 3.75, 5, 5.6, 7.5, 10, 11.3, 15 or 20, for use with Nordyne air handler, model B2BV, B2BM or B2VM; packaged air conditioner, model P3RA or P3RC; or packaged heat pump, model Q3RA or Q3RC; all f/b 018, 024, 030, 036, 042, 048 or 060

HISH-2/4TEC3F f/b 18, 24, 30, 36, 42, 48 or 60, for use with Trane/American Standard Air Handlers Models 2/4TEC3F f/b 18A, 24A, 30A, 36A, 42A, 48A or 60A

HISH-2/4TEE3F f/b 31, 37, 40, 49 or 65, for use with Trane Air Handlers Models 2/4TEE3F f/b 31A, 37A, 40A, 49A or 65A (File 28910) NRTL

DOUCETTE INDUSTRIES, INC. (manufacturer)
York, PA 17406

Heat Recovery Unit, Model R f/b 3,4,6 or 9 f/b K, K-1, K-HP, K-M, or K-410. Model 50 f/b RA, RAM, RAV or RAVM, E6000 or L6000 f/b DW, DWM, DWV, or DWVM. Model HR06 f/b G, T, T/W or T/F/W: DS f/b 06G, 06T (File 30805) NRTL

ELECTRO INDUSTRIES, INC. (manufacturer)
Monticello, MN 55362

~~Air Handler Heater, model EM f/b LH or FH f/b 10, 12, 15, 20, 25 or 30 f/b three alpha/numeric characters (File 28059) DELISTED~~

~~Plenum Heater, model EM f/b EV, HV, II, IU, IV, LD, LI, LV, WS or WV f/b alpha/numeric characters, 5 to 20 kW (File 29332) DELISTED~~

~~Electric Insert Heater, model EM LD f/b 1011 or 1527 f/b M, for use with oil or gas mobile home furnaces, Coleman model 7670, 7680, 7700, 7900, 8600, 8680 or 8880 series; Duo-Therm model 714058, 714065, 714072, 714080, 714100, 715080, 715100, 815080 or 815100 (File 29671) DELISTED~~

Air Source Heat Pump Boiler, model NA f/b BE, CE, DE, PE or UE f/b numeric characters up to 051 f/b numeric characters up to 036 f/b 1 f/b CCDA1, CCDX1, NHDX1, or THDX1 f/b 10, 15 or 20 (File 50025)

Family of Split GeoSource Heat Pumps, model RT-SE f/b 020, 026, 033, 040, 045, 052 or 062 f/b 1 or 2 f/b CXDX1-XX-US (File 50047)

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G&F MANUFACTURING, INC. (manufacturer)
North Forth Myers, FL 33917

Heat Pump Pool Heater, model ~~GS 1000, GS 1500, LE113 or LE130 f/b H and A~~ (File 30494) **NRTL DELISTED** 05/24/10

Heat Pump Pool Heater, [~~model CB (series) f/b alpha/numeric characters f/b CB 1000-
H-A~~] (File 30570) **NRTL DELISTED** 02/13/07

HEAT PIPE TECHNOLOGY, INC. (manufacturer)
Gainesville, FL 32609

Commercial Dehumidifiers, model: BKP and BKPool (series) f/b BKP 100, BKP 175, BKP 250, BKP 250AC, BKP 250 REMOTE, BKP 350, BKP 350AC, BKP 350 REMOTE, BKP 450, BKP 450AC, BKP 450 REMOTE, BKP 750, BKP 750AC, BKP 750 REMOTE, BKP 1000, BKP 1000AC, BKP 1000 REMOTE, BKP 1250, BKP 1250AC, BKP 1250 REMOTE, BKPOOL 300, BKPOOL 300AC, BKPOOL 300 REMOTE, BKPOOL 400, BKPOOL 400AC, BKPOOL 400 REMOTE, BKPOOL 500, BKPOOL 500AC, BKP 500 REMOTE, BKPOOL 800, BKPOOL 800AC, BKPOOL 800 REMOTE, BKPOOL 1100, BKPOOL 1100AC, BKPOOL 1100 REMOTE (File 30479) **NRTL**

KOPEC ENTERPRISES, INC. (manufacturer)
Coral Springs, FL 33067

Heat Pump Pool Heater, ~~model 525S, 600TI, 650 or 700 f/b S, SC or TI~~ (File 30331)
NRTL DELISTED 01.12.10

PROFESSIONAL ENERGY SOLUTIONS (manufacturer)
Tampa, FL 33612

ThermoSyphon Heat Recovery Unit (TSHRU), Models: TSHRU060 (File 30768)

ROME INDUSTRIES, INC. (manufacturer)
Leesburg, FL 34748

Heat Pump Pool Heater, Model: AquaComfort f/b 55, 75, 85, 100, 105, 110, 125, 130; Model: Rome f/b 55, 75, 85, 100, 105, 110, 125, 130; Model: Solarium f/b 55, 75, 85, 95, 100, 105, 110, 125, 130 (File 30240) **NRTL**

TITAN POOL HEATING SYSTEMS, INC.
Miami, FL 33156

G&F MANUFACTURING (manufacturer for Titan Pool Heating Systems, Inc.)
Ft. Myers, FL 33917

Heat Pump Pool Heater, Model TI f/b 120 or 150 f/b RA (File 30330)

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WARREN MFG. CO., INC. (manufacturer)
Hialeah, FL 33014-1347

Electric Strip Heater, model SP f/b three alpha characters f/b 5 through 20 f/b two numeric characters, for use with forced air systems not less than 50 CFM per kW, see below for individual model designation and air handler compatibility

SPUEAB for use with Rudd air handler model UEAB f/b 018 through 060

SPW8R for use with Carrier air handler model 40RR f/b 008, 012, 014, 016, 024, 028, 034, 044 or 054

SPWAH for use with Carrier packaged air conditioner model 50AH f/b 024 through 060

SPWBA for use with Carrier air handler model 40BA f/b 007 or 009

SPWCD for use with Carrier packaged heat pump model 50 f/b CD, CH, CV, CZ, QD or QH f/b 004 through 008

SPWDF for use with Carrier packaged heat pump model 50 f/b DF, DD or EQ

SPWDP for use with Carrier packaged heat pump model 50DP f/b 012 through 020

SPWFS for use with Carrier air handler model 40FS f/b 160, 200 or 220

SPWGC for use with Rudd air handler model UHGC f/b 075, 100, 150 or 200

SPWHQ for use with Carrier packaged heat pump model 50HQ f/b 014 through 080

SPWQQ for use with Carrier packaged heat pump model 50QQ f/b 024 through 060; Carrier packaged air conditioner model 50EE f/b 024 through 060

SPWRC for use with Carrier air handler model 40RC f/b 018 through 030; Bryant air handler model 516A f/b 018 through 030

SPWRE for use with Carrier air handler model 40RE f/b 008 or 010

SPWRF for use with Rudd packaged heat pump model URCF

SPWTB for use with Trane packaged heat pump model BTC or BTW f/b 048 through 060

SPWTH for use with Trane packaged heat pump model WCH or TCH f/b 024 through 042

SPWUD for use with Rheem/Rudd packaged heat pump model RSDA or USDA f/b 090 through 120

SPWVQ for use with Carrier packaged heat pump model 50VQ f/b 014 through 080

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WARREN MFG. CO., INC. (manufacturer)
Hialeah, FL 33014-1347 (continued)

SPWWA for use with Whirlpool/Heil packaged air conditioner model NPAD f/b 5, 10 or 15

SPWWP for use with Whirlpool/Heil packaged heat pump model NPHC f/b 5, 10 or 15
(File 27982)

~~Electric Strip Heater, model W1S f/b numeric characters, 1.0 to 15.0 kW, for use with York fan coil unit model F1SA f/b 018, 024, 030 or 036~~ (File 28953) **DELISTED**

Electric Strip Heater, model WPS f/b numeric characters, 5.0 to 15.0 kW, for use with York packaged heat pump model B1PS, B2PS, BPS or BHP or Luxaire model BBH; and York packaged air conditioner model D1PS, D2PS, DPS or DHE or Luxaire model BB; all f/b 024, 030 or 036 (File 28966)

Electric Strip Heater, model WCC f/b numeric characters, 5.0 to 30.0 kW, for use with Trane package heat pump, model WCC or packaged air conditioner model, TCC, all f/b 018, 024, 030, 036, 042, 048 or 060 f/b F1, F3, F4 or FW (File 28967) NRTL

Electric Strip Heater, model W1F f/b numeric characters, 2.5 to 30.0 kW, for use with the following:

York single piece air handler model F1FC, F1FP, F1RC or F1RP or Luxaire or Fraser Johnston single piece air handler model FALB, FALP, FANB or FANP, all f/b 018, 024, 030, 036, 042, 048 or 060

York single piece air handler (heat pump) model F2RP or F2FP or single piece air handler (cooling) model F2RC or F2FC, all f/b 018, 024, 030, 036, 042, 048 or 060

Air Pro or Coleman single piece air handler (heat pump) model FYRP or FYFP or single piece air handler (cooling) model FYRC or FYFC, all f/b 018, 024, 030, 036, 042, 048 or 060

Luxaire or Fraser Johnston single piece air handler (heat pump) model FBRP or FBFP or single piece air handler (cooling) model FBRC or FBFC, all f/b 018, 024, 030, 036, 042, 048 or 060

York modular air handler model N1AH f/b B, C or D f/b 0806, 1206, 1293, 1606, 1693, 2006 or 2093

Air Pro, Coleman, Luxaire or Fraser Johnston modular air handler model NAAH f/b B, C or D f/b 0806, 1206, 1246, 1293, 1606, 1646, 1693, 2006, 2046 or 2093

York air handler model F3RP, F3FP, FXRP, F2FV, F3FV, F4FP, F5FP, F4FV, or F6FP f/b 018, 024, 030, 036, 040, 042, 048 or 060 (File 29564)

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WARREN MFG. CO., INC. (manufacturer)
Hialeah, FL 33014-1347 (continued)

Electric Strip Heater, model WSK f/b numeric characters, 2.0 to 14.0 kW, for use with Rheem/Rudd packaged air conditioner, model RSKA, RSMA, USKA or USMA f/b 018, 024, 030, 036 or 042; or packaged heat pump, model RQKA, RQMA, UQKA or UQMA f/b 018, 024, 030 or 036 (File 29612) NRTL

Electric Strip Heater, model WAB f/b numeric characters, 4.8 to 28.8 kW, for use with Amana blower coil model BBA or BBC f/b 24, 36, 48 or 60 (File 29653) NRTL

Electric Strip Heater, model WJM f/b numeric characters, 5.0 to 30 kW, for use with Rheem/Rudd packaged heat pump, model RJKA, RJMA, UJKA or UJMA or packaged air conditioner, model RLKA, RLMA, ULKA or ULMA, all f/b 036, 042, 048, 060 or 072 f/b alpha/numeric characters (File 29694) NRTL

Electric Strip Heater, model WEB f/b alpha/numeric characters, 5.0 to 30.0 kW, for use with the following:

Arcoaire or Comformaker packaged air conditioner model PAMB, PAMC or PAMD or packaged heat pump model PYMC or PYMD, all f/b 24, 30, 36, 42, 47 or 60 f/b alpha/numeric characters

Heil Quaker or Tempstar packaged air conditioner model PAAA or PAB or packaged heat pump model PHB or PHAD, all f/b 24, 30, 36, 42, 47 or 60 f/b alpha/numeric characters (File 29823) NRTL

Electric Strip Heater, model WHF (series) 4.8 to 19.2 kW, for use with Inter-City Products packaged air conditioner and heat pump models PAF, PHF/APFM and HPFM 5.0 through 20.0 kW (File 29959) NRTL

Electric Strip Heater, model W3P Series (240 V, single-phase) For use with Nordyne Heat Pumps Model Series: Q3RA, Q3RC, Q3RD 24-60, and Q4SA/C/D 24-60 and Nordyne Packaged Air Conditioners Model Series: P3RA, P3RC, P3RD 24-60, GP3RD 24-60, GP5RD 24-60, AND P4SA/C/D 36-60 (File 30051)

Electric Strip Heater, model W4H (series) 4.8 to 19.2 kW, for use with Nordyne air handlers model series B3BM and B3BV f/b 018 to 066 (File 30068) NRTL

Electric Strip Heater, model WNH series 5.0 to 20kW, for use with York/Luxaire/Fraser/Johnston/Coleman Packaged A/C Models D1EB, D1EM, DAPH, DAPM, BAUA, BHP, BUP, BUZ, BHZ Series and Packaged H/P Models B1HA and B1HH Series (File 30204) NRTL

Electric Strip Heater, model WBCS (series) 5.0 to 20kW, for use with Armstrong blower coil units, model (series) BCU and BCZ (File 30223) NRTL

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WARREN MFG. CO., INC. (manufacturer)
Hialeah, FL 33014-1347 (continued)

Electric Strip Heater, model WED f/b 050, 070, 100, 150 or 200 for use with Amana Air Handler Models BMA f/b 24, 30, 36 or 42 (File 30396) NRTL

Electric Strip Heater, model WCN f/b 050, 075, 100 or 150 for use with Coleman Packaged Air Conditioner Models PAC or Packaged Heat Pump Models PHP; all f/b 024, 030, 036, 042, 048 or 060 (File 30417) NRTL

Electric Strip Heater Model: WPH series 050, 070, 100, 150 or 200. (File 30477)

Electric Strip Heater, model WSU f/b 050, 075, 100, 150 or 200 for use with Freedom Air (Suntherm) / ICP Air Handler models AHX f/b 24, 36, 48 or 60 (File 30507) NRTL

Electric Strip Heater, model WFB (5.0 to 20.0 kW) f/b 050, 075, 100, 150 or 200 for use with Fedders Electric Air Handler Models A f/b 24, 30, 36, 42, 48 or 60 (File 30556) NRTL

Electric Strip Heater, model WHB f/b 050, 075, 100, 150 or 200 for use with Haier Air Handler Models HB f.b 2400, 3000, 3600, 4200, 4800 or 6000 (File 30613) NRTL

ELECTRIC STRIP HEATER: Model WLZ f/b 050, 060, 080, 090, 100, 125, 150, 200, 250 or 300; for use with Lennox Air Handler Models CB29M, CB30M, CB30U, CB31MV, CBX32M 18-60 and CBX32MV 24-60 (File 30664) NRTL

Electric Strip Heater model: WUH series 5.0 to 19.2 KW (File 30698)

ELECTRIC STRIP HEATER MODEL: W4K(2.5 TO 24 KW) f/b 0252, 0252B, 0502, 0502B, 0752B, 1002, 1002B, 1502B, 1502S, 1802B, 1802S, 2002B, 2002S, 2502B,

2502S for use with York AHP/AHY/AV/SV/MA/MV 18-60 series air handlers, heat pumps and split systems (File 30717) NRTL

ELECTRIC STRIP HEATER MODEL: W6HK(4.8 TO 19.2 KW) f/b 0502, 0502B, 0802, 0802B, 1002, 1002B, 1502B, or 2002B for use with Nordyne B5B (M,V) 24-60 series air handlers, heat pumps and split systems (File 30709) NRTL

ELECTRIC STRIP HEATER MODEL: WTE(4.8 TO 19.2 KW) f/b 0502, 0502B, 0502PD, 0802, 0802B, 0802PD, 1002, 1002B, 1002PD, 1004, 1502B, 1504 or 2002B for use with Trane 2

TEH3F 18-60 series air handlers, heat pumps and split systems (File 30711) NRTL

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WARREN MFG. CO., INC. (manufacturer)
Hialeah, FL 33014-1347 (continued)

ELECTRIC STRIP HEATER MODEL: WAM(5 TO 20 KW) f/b 0502, 0502B, 0752B, 1002, 1002B, 1502B, 2002B for use with ICP PAM3 Series Air Conditioners and PHM3 series heat pumps (024-054) (File 30730) NRTL

ELECTRIC STRIP HEATER MODEL: WHA(5 TO 20 KW) f/b 0502, 0502B, 0752B, 1002, 1002B, 1502B, 2002B for use with ICP PAF3 (25-54) series package Aire conditioners and PHF3 series heat pumps (024-048) (File 30739) NRTL

ELECTRIC STRIP SINGLE PHASE HEATER:
Models WRX (3.0 to 24.0 kW) f/b 0302, 0302B, 0502, 0502B, 0752, 0752B, 1002, 1002B, 1502B, 1502S, 1802B, 1802S, 2002B, 2002S, 2502B, 2502S, 0704, 0704B, 1004, 1004B, 1504, 1504B, 1804, 1804B, 2004, 2004B, 0705, 1005, 1505, 1805, 2005 for use with RHEEM/RUUD UHLA, UHSA, UHLL, UHSL, RHLA, RHSA, RHLL, RHSL (18-60), RHKA, RHKL, HFE (18-60) and RHPL (24-48) Air Handlers. (File 30722)

ELECTRIC STRIP HEATER MODEL: WSJ (4.8 to 14.40 KW) f/b for use with York (24-60) PAC package Air Conditioners and JP (024 - 060) PHP package heat pumps (File 30757)NRTL

ELECTRIC STRIP HEATER MODEL: WHX (5 TO 20 KW) f/b 0502, 0502B, 0752, 0752B, 1002, 1002B, 1502B, 2002B for use with ICP PAX3 (24 - 60) Series Air Conditioners and PHX3 series heat pumps (024-060) (File 30743)NRTL

Electric Strip Single Phase Heater, Model WZH (5.0 - 20.0 KW) for use with Carrier/ICP 50ZPA/564B/PA3Z/PAT3 (24-60) Electric Cooling and Carrier/ICP 50ZHA/664B/PH3Z/PHT3 (024 - 060) Heat Pump (File 30782)

ELECTRIC STRIP HEATER, MODEL: WTG (3.0-20.0KW) for use with TRANE 2/4TEH3F 18-60, TVF 018A-036A, TWE 031E-065E, TWE 018C-060C, TWE 060D, TWE 018P-063P, TWG 018A-060A, RWE 037E-065E, TEC3F 018-060, 2TGB3F 018A-048A, 2TEE3F 31A-65A, 4TEE3F 31A/B-65A/B series Air Handlers (File 30837) NRTL

Electric Strip Heater, model WGO Series (480 V, 3 phase, 5-20 kW) for use with Goodman Manufacturing Co. Air Handlers Series: AR 018-061, AER 024-061, ASPF 18-48, ADPF 18-42, ARUF 018-061, ARPF/T 024-061, AEPT 024-060, and Goodman Manufacturing Co. Heat Pump Package Series: GPH/C13-24-60 (File 50019)

Electric Strip Single-Phase Heaters, WPK Series for use with Lennox 13CHP(X), 15CHPX, Concord 2SH(A)13B, Ducane 2SH(A)13B, Armstrong 2PHP13E, 4PCE13(15)E, 2PCE13E, 4PHP13(15)E and Airease 2PHP13E, 4PCE13(15)E, 2PCE13E, 4PHP13(15)E packaged heat pumps (Size 24-60) (File 50032)

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WARREN MFG. CO., INC. (manufacturer)
Hialeah, FL 33014-1347 (continued)

Electric Strip Heaters, WEH series (240V, single- and three-phase) for use with International Comfort Modular Blowers Models: MF08-MF020 and MV08-MV020 (File 50045)

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HIGH INTENSITY DISCHARGE LIGHTING FIXTURES AND LAMP BALLASTS

The products listed here are general use high intensity discharge (HID) electric lighting fixtures for commercial, industrial or residential use in ordinary locations in accordance with the National Electrical Code, ANSI/NFPA 70. The listings include mercury vapor, metal halide, high pressure sodium and low pressure sodium lamp types, all intended to be operated by a ballast.

In addition, the listings include indoor and outdoor ballasts, including starting circuits for the operation of high intensity discharge lamps, and associated equipment, in accordance with the National Electrical Code, from an alternating current power supply with nominal input ratings of 600 volts rms or less. An open core and coil ballast is acceptable only for use when in a lighting fixture, sign, or other enclosure acceptable for its intended application.

The requirements for this category of products **do not** include: (1) Fixtures for installation aboard a ship or boat, (2) fixtures for underwater installation, (3) fixtures for use in hazardous locations, (4) portable lamps, (5) portable electric hand lamps, stage and studio lights, medical and dental lights, and the like, (6) fixtures intended for use with self-ballasted HID lamps, (7) emergency lighting fixtures, or fixtures with integral batteries, (8) fixtures provided with adapters or other forms of construction to enable them to be mounted on or supported by any other fixture, lampholder, or receptacle, (9) fixtures intended for field mounting to furniture as part of a cord connected task lighting assembly, (10) lighting units having flashing characteristics, words or symbols designed to convey information or attract attention (exclusive of exit lighting), or (11) ballasts consisting of resistance only.

A fixture provided with lampholders for both incandescent and high intensity discharge lamps (combination fixture) complies with the requirements of this category and with the Standard for Incandescent Lighting Fixtures, ANSI/UL 1571, insofar as they apply to construction, test methods, and marking requirements unique to incandescent lamps.

A fixture provided with lampholders for both fluorescent and high intensity discharge lamps (combination fixture) complies with the requirements for this category and with the Standard for Fluorescent Lighting Fixtures, ANSI/UL 1570, insofar as they apply to construction, test methods, and marking requirements unique to fluorescent lighting fixtures.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive style, type, catalog or model designation, date code, electrical ratings, wiring diagram, electrical hazard warnings, lamp type and maximum lamp wattage.

These products comply with ARL requirements which include pertinent sections of the Standards for Safety, **ANSI/UL 1029, High Intensity Discharge Lamp Ballasts; and/or ANSI/UL 1572, High Intensity Discharge Lighting Fixtures.**

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional

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HIGH INTENSITY DISCHARGE LIGHTING FIXTURES AND LAMP BALLASTS (continued)

component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

Only products which properly bear the ARL Listing Mark (Label) are considered Listed by ARL.

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B-K LIGHTING, INC.
Fresno, CA 93711

High Intensity Discharge Landscape Lighting Fixture, ~~model BL Bellagio, for outdoor use only~~ (File 29643) **DELISTED**

High Intensity Discharge Landscape Lighting Fixture, ~~model Everest EV f/b 120 or 277 f/b HP, PC, PPII, RM, TMB or TSB f/b 35; Sierra SE f/b 120 or 277 f/b HP, PC, PPII, RM, TMB or TSB f/b 35 or 70; RM suffixed models for use only with remote metal halide ballast, model RM f/b 35 or 70 f/b 120 or 277~~ (File 29610) **DELISTED**

High Intensity Discharge Landscape Lighting Fixture, ~~model Bolagio BLMHTR f/b 277 f/b 35 or 70; Casino Star Integral COMHTR or BCOMHTR (Brace) f/b 120 or 277 f/b 35; or HP Integral HPMHTR or BHPMHTR (Brace) f/b 120 or 277 f/b 35; HPHPS maybe f/b DB f/b TR f/b 50 or 70; all for outdoor use only~~ (File 29755) **DELISTED**

High Intensity Discharge Landscape Lighting Fixture, ~~model K2 f/b 120 or 277 f/b HP f/b 70, 100 or 150; K2 f/b 120 or 277 f/b PC 70; K2 277 PC 100; K2 f/b 120 or 277 f/b PCH f/b 100 or 150; K2 f/b 120 or 277 f/b TMB or TSB f/b 70 or 100; K2 f/b 120 or 277 f/b RM f/b 70, 100 or 150, RM suffixed models for use only with remote metal halide ballast, model RM f/b 70, 100 or 150 f/b 120 or 277~~ (File 29761) **DELISTED**

High Intensity Discharge Lamp Ballast, ~~model "Dual Remote" DRM f/b 35, 70, 100 or 150 f/b 120 or 277~~ (File 29749) **DELISTED SEE NEW LISTING BELOW**

B-K LIGHTING, INC. (manufacturer)
Madera, CA 93638

High Intensity Discharge Lamp Ballast, ~~model "Dual Remote" DRM f/b 35, 70, 100 or 150 f/b 120 or 277~~ (File 29749) ^{NRTL} **DELISTED** 01.01.10

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INCANDESCENT LIGHTING FIXTURES

The products listed here are general use incandescent electric lighting fixtures for commercial, industrial or residential use in ordinary locations in accordance with the National Electrical Code, ANSI/NFPA 70.

Requirements for this category **do not** cover:

- A. Fixtures for installation aboard a ship or boat;
- B. Fixtures for underwater installation;
- C. Fixtures for use in hazardous locations;
- D. Portable lamps;
- E. Portable electric hand lamps, stage and studio lights, medical and dental lights, and the like;
- F. Electric discharge lamp type fixtures, including fluorescent and high intensity discharge lamp types;
- G. Emergency lighting fixtures, or fixtures with integral batteries, or exit fixtures;
- H. Fixtures provided with adapters or other forms of construction to enable them to be mounted on, or supported by any other fixture, lampholder, or receptacle;
- I. Fixtures intended for field mounting to furniture as part of a cord connected task lighting assembly;
- J. Lighting units having flashing characteristics, words or symbols designed to convey information or attract attention (exclusive of exit lighting); or
- K. Low voltage fixtures, for use in recreational vehicles, that are supplied solely by nominal automotive battery voltage.

A fixture provided with lampholders for both incandescent and high intensity discharge lamps (a combination incandescent / high intensity discharge lamp fixture) complies with the Standard for High Intensity

Discharge Lighting Fixtures, UL 1572, and with the requirements of the standard for this category insofar as they apply to construction, test methods, and marking requirements unique to incandescent lamps.

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INCANDESCENT LIGHTING FIXTURES (continued)

A bathroom cabinet fixture has been judged under the general requirements of the standard for this category and under the applicable requirements for metal thickness and ventilation openings. Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive style, type, catalog or model designation, date code, electrical ratings expressed in volts, amperes or watts, frequency, maximum lamp wattage, electrical hazard warnings and other cautionary and hazard warnings as applicable.

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **ANSI/UL 1571, Incandescent Lighting Fixtures.**

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

Only products which properly bear the ARL Listing Mark (Label) are considered Listed by ARL.

NOTE:

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B-K LIGHTING, INC.
Fresno, CA 93711

~~Incandescent Landscape Lighting Fixture, model AL Alps, CK Catskill, COPAR Casino Star, BCOPAR Casino Star (Brass), COTR Casino Star (with Integral Transformer), BCOTR Casino Star (Brass) (with Integral Transformer), HPPAR Well Light, BHPPAR Well Light (Brass), HPTR Well Light (with Integral Transformer), BHPTTR Well Light (Brass) (with Integral Transformer), LA Lassen, MC McKinley or OL Olympus (File 29609) **DELISTED**~~

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INDUSTRIAL CONTROL EQUIPMENT AND PANELS

The products listed here are industrial control devices, and device accessories for starting, stopping, regulating, controlling, or protecting electric motors. Included are industrial control devices or systems that store or process information and are provided with an output motor control function(s). The equipment is rated 1500 volts or less and is for use in ordinary locations in accordance with the National Electrical Code, ANSI/NFPA 70.

The requirements for this category also cover industrial control panels that are assemblies of industrial control devices and other devices associated with the control of motor operated and related industrial equipment. Examples of devices in an industrial control panel are industrial control devices, disconnecting means, motor branch circuit protective devices, temperature control devices, and electrical instruments.

Examples of industrial control devices described above are: manual, magnetic, and solid state starters and controllers; thermal, magnetic, and solid state overload relays; push-button stations, including selector switches and pilot lights; control circuit switches and relays; float, flow, pressure, and vacuum operated switches; resistors and rheostats; proximity switches; time delay relays and switches; resistors and rheostats intended for industrial heating and lighting, including those for motor generator fields; control devices intended for industrial heating and lighting; solid state power conversion equipment; solid state time delay relays; programmable controllers; numerical control systems; lighting dimmer systems and controls; mercury tube switches; definite purpose controllers; solid state logic controllers; industrial microprocessor/computer systems; variable voltage autotransformer; and motor starting autotransformer.

An industrial control panel for the control of metalworking machine tools or plastics machinery is judged on the basis of compliance with the applicable requirements of this category as well as requirements in the Standard for Metalworking Machine Tools and Plastic Machinery, NFPA 79.

A fire pump controller is judged on the basis of compliance with the applicable requirements in this category and additional requirements in the Standard for Centrifugal Fire Pumps, NFPA 20.

Equipment intended for use in hazardous locations as defined by the National Electrical Code, NFPA 70, are covered by the Standard for Industrial Control Equipment for Use in Hazardous (Classified) Locations, UL 698.

Devices that regulate temperature and/or control refrigeration equipment are covered by the Standard for Electrical Temperature Indicating and Regulating Equipment, UL 873, and other applicable standards.

Electrical instruments are covered by the Standard for Electrical Analog Instruments - Panelboard Types, UL 1437.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive style, type, catalog or model designation, date code, electrical ratings, electrical hazard warnings, and other cautionary and hazard warnings as applicable.

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INDUSTRIAL CONTROL EQUIPMENT AND PANELS (continued)

These products comply with ARL requirements which include pertinent sections of the Standards for Safety, **ANSI/UL 508, Industrial Control Equipment; and/or ANSI/UL 508A, Industrial Control Panels; and/or CSA B44.1/ANSI/ASME A17.5, Safety Code for Elevator and Escalator Electrical Equipment.**

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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AMERICAN CRESCENT ELEVATOR MFG., INC. (manufacturer)
Picayune, MS 39466

Elevator Control Panel, ~~model C f/b 2, 3, 4 or 5 f/b S~~ (File 29695) **DELISTED**

ELECTRO INDUSTRIES, INC. (manufacturer)
Monticello, MN 55362

Industrial Control Panel, ~~model SC f/b A, E or U f/b C, M or S /b 10 f/b 2 or 4 f/b B, E, M, V or W f/b L or O~~ (File 28239) **DELISTED**

Charge Controller, ~~model SC f/b AC, AM, AS, EC, EM, ES, UM or US f/b alpha/numeric characters, for use with electric thermal storage heaters~~ (File 28923) **DELISTED**

Family of Hydronic HP Controls, model KT-GH1 and KT-GH2 (File 30694)

PHOENIX METAL PRODUCTS, INC. (manufacturer)
Ft. Pierce, FL 34946

Potable Water Cabinet, model PN-X-WC98 (File 30367) **NRTL**

INTERSTATE INDUSTRIAL INSTRUMENTATION, INC. (manufacturer)
Omaha, NE 68127

Control Panel, AC/DC/PLC model P1 f/b seven (7) numeric, one (1) alpha, five (5) numeric and one (1) alpha characters (File 30642) **NRTL**

Control Panel, AC model P2 f/b seven (7) numeric, one (1) alpha, five (5) numeric and one (1) alpha characters (File 30643) **NRTL**

PSP PRODUCTS, INC. (manufacturer)
Manassas, VA 20108

Transfer Switch Equipment, model TC 05, 10, 12 or 20 f/b A, B or O f/b alpha/numeric characters, model tradename TransConnect (File 30076)

Transfer Switch Equipment, model TC f/b 000, 050, or 100 f/b M, A, L or O f/b alpha/numeric characters, model tradename TransConnect (File 30077)

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INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT AND TELEPHONE EQUIPMENT

The products listed here are information technology equipment, including electrical business equipment and associated equipment with a rated voltage not exceeding 600 volts and D1 designed to be installed in accordance with the National Electrical Code, ANSI/NFPA 70.

The requirements for this category also cover telecommunications (telephone) equipment designed and intended to be electrically connected directly to a telecommunication network and forming part of a subscriber's installation, regardless of ownership and of responsibility for installation and maintenance.

Examples of equipment described above are: telephone answering devices, residential telephone instruments, telephone dialers, cordless phones, key systems, private branch exchange equipment, data and text processing equipment, personal computers, visual display units, data preparation equipment, data terminal equipment, data circuit terminating equipment, facsimile equipment, typewriters, calculators, accounting and book-keeping machines, cash registers, point of sale terminals, paper tape readers and punchers, staplers, duplicators, copying machines, erasers, pencil sharpeners, mail processing machines, document shredding machines, magnetic tape handlers, motor-operated files, dictation equipment, micrographic office equipment, monetary processing machines, electrically operated drawing machines (plotters), paper trimmers (punchers, cutting machines, separators), paper jogging machines, postage machines and teleprinters.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive style, type, catalog or model designation, date code, electrical ratings, electrical hazard warnings, and other cautionary and hazard warnings as applicable.

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **ANSI/UL 1459, Telephone Equipment and/or ANSI/UL 1950, Information Technology Equipment, Including Electrical Business Equipment.**

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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SELECT ENGINEERED SYSTEMS, INC. (manufacturer)
Hialeah, FL 33016

Telephone Access Equipment, model C or T f/b 2, 4, 8, C or V, may be f/b HF, HV, SH, or SV f/b 4 to 5 numeric characters f/b AV, LH, OU or ST (File 30027)

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LIGHTNING PROTECTION

The products listed here are electrical and electro-mechanical Lightning Protection components and accessories for use in lightning protection systems.

The products are intended for outdoor use as designated in the product Listing. Each product is marked with the name or Trademark of the (manufacturer) or vendor, a distinctive style, type, model or catalog designation. These products comply with ARL requirements which include pertinent sections of the Standards for Safety, **ANSI/UL 96, Standard for Lightning Protection Components.**

A product whose features, characteristics, components, materials, or systems are in conflict with specific provisions of these standards have been judged to be in non-compliance with the standard.

Only products which properly bear the ARL Listing Mark (Label) are considered Listed by ARL

ARL evaluates the design and installation of lightning protection systems for compliance to **NFPA 780, Standard for the Installation of Lightning Protection Systems or HBP-21, Manufacturer's Installation Standard for Lightning Protection Systems Using Early Streamer Emission (ESE) Air Terminals.**

A design or installation whose features, characteristics, components, materials, systems or installations are in conflict with specific provisions of these standards have been judged to be in non-compliance with the standards.

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HEARY BROTHERS LIGHTNING PROTECTION (manufacturer)
Springville, NY 14141

Lightning Preventor Model LPA-2005 & Model LPA-2005A Copper & Stainless Steel Early Streamer Ellipsoid II Model 1000. (File 30675)

Class 1 & 2 Conductor, Terminal (File 30676)

Class 1 & 2 Conductor, Terminal Early Steamer (File 30677)

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LOW VOLTAGE LANDSCAPE LIGHTING SYSTEMS

The products listed here are low voltage landscape lighting systems and components that may consist of a power unit, wiring, and luminaire. This category only covers equipment where the maximum output of each secondary circuit is 25 amperes, 15 volts AC (21.2 volts peak) open circuit voltage, 300 volt-amperes. The equipment is intended to be installed in accordance with the National Electrical Code, ANSI/NFPA 70.

The luminaires covered by this category are intended for garden, walkway, patio areas, or similar outdoor locations and for certain indoor locations such as atriums and shopping malls. The power units may be installed indoors or outdoors in accordance with the marking on the product.

Fluorescent and high intensity discharge lighting systems have been investigated in accordance with the applicable requirements for this category and with the applicable requirements in the Standard for Fluorescent Lighting Fixtures, UL 1570, and the Standard for High Intensity Discharge Lighting Fixtures, UL 1572, as appropriate.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style, model or catalog designation, date code, electrical ratings, electrical hazard warnings, wiring diagram, and other markings and cautionary warnings as required for specific types of products.

These products comply with ARL requirements which include pertinent sections of the Standard for Safety, **ANSI/UL 1838, Low Voltage Landscape Lighting Systems.**

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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B-K LIGHTING, INC. (manufacturer)
Madera, CA 93636

~~Low Voltage Landscape Lighting Fixtures and Accessories, fixture model AP Arti Star, BAR Arti Star (Brass), AS Accent Star, AW Adjustable Well Star, BQ Brick Star, BBQ Brick Star (Brass), BS Bollard Star, BSTR75 Bollard Star (with integral 75 VA transformer), BSTR150 Bollard Star (with integral 150 VA transformer), CA Cascade, CD Core Drill Stop Star, BCD Core Drill Stop Star (Cast Brass), CDBQ Core Drill Brick Star, BCDBQ Core Drill Brick Star (Brass), CDSQ Core Drill Square Stop Star, BCDSQ Core Drill Square Stop Star (Cast Brass), CDVQ Core Drill Square Versa Star, BCDVQ Core Drill Square Versa Star (Brass), CDVS Core Drill Versa Star, BCDVS Core Drill Versa Star (Brass), CH Chart Star, BCH Chart Star (Brass), CORM Casino Star, COTR Casino Star (with integral 75 VA transformer), CS Camino Star, CSTR Camino Star (with integral 75 VA transformer), DL Docklight, DRRM Drive Star, DRTR Drive Star (with integral 75 VA transformer), DRTRAL Drive Star (with integral 75 VA transformer and aluminum enclosure), DS Delta Star, BDS Delta Star (Brass), EC El Capitan, BEC El Capitan (Brass), ED El Dorado, BED El Dorado (Brass), ES Earth Star, GD Gold Star, GL Glow Star, GLTR Glow Star (with integral 75 VA transformer), GS Grate Star, HPRM Well Light, HPTR Well Light (with integral 75 VA transformer), LS Lito Star, BLS Lito Star (Brass), LS II Lito Star II, BLS II Lito Star II (Brass), LT Litotick, BLT Litotick (Brass), MN Micro Nite Star, BMN Micro Nite Star (Brass), MS Micro Star, MS II Micro Star II, NS Nite Star, BNS Nite Star (Brass), NS II Nite Star II, BNS II Nite Star II (Brass), PS Path Star (Styles A and B), PSTR75 Path Star (with integral 75 VA transformer) (Styles A and B), PSTR150 Path Star (with integral 150 VA transformer) (Styles A and B), PS Path Star (Styles C through M), PSTR Path Star (with integral 75 VA transformer) (Styles C through M), RA Rainier (always with integral 75 VA transformer), RM Ring Mount Delta Star, BRM Ring Mount Delta Star (Brass), SF Staff Star, SH Shasta, SN Sign Star, SQ Square Stop Star, BSQ Square Stop Star (Brass), SS Stop Star, BSS Stop Star (Cast Brass), TF Teton, VQ Square Versa Star, BVQ Square Versa Star (Brass), VS Versa Star, BVS Versa Star (Cast Brass), WH Whitney (always with integral 100 VA transformer), WS Well Star, YS Yacht Star, and BVS Yacht Star (Brass); all models f/b alpha/numeric characters; and accessories consisting of model EPM Electronic Power Module,~~

~~PC Power Canopy (enclosure only), PCPCTR75 Power Canopy (with one 75 VA integral transformer), PCTR150 Power Canopy (with one 150 VA integral transformer), PCTR275 Power Canopy (with two 75 VA integral transformers), PP Power Pipe (enclosure only), PPTR Power Pipe (with integral 75 VA transformer), PP II Power Pipe II (always with integral 150 VA transformer), TRMB2 Transformer (75 VA) and Housing Assembly (Rectangular), and TRMB3 Transformer (75 VA) and Housing Assembly (Round), for outdoor use only (File 28847) **DELISTED**
SEE NEXT LISTING BELOW~~

~~Low Voltage Landscape Lighting Fixtures and Accessories, fixture model AS Accent Star, AW Adjustable Well Star, BQ Brick Star, BS Bollard Star, BSTR75 Bollard Star (with integral 75 VA transformer), BSTR150 Bollard Star (with integral 150 VA transformer), CA~~

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B-K LIGHTING, INC. (manufacturer)
Madera, CA 93636 (continued)

~~Cascade, CD Core Drill Stop Star, CDBQ Core Drill Brick Star, CDSQ Core Drill Square Stop Star, CDVQ Core Drill Square Versa Star, CDVS Core Drill Versa Star, CH Chart Star, CS Camino Star, CSTR Camino Star (with integral 75 VA transformer),~~

~~DL Decklight, DRRM Drive Star, DRTR Drive Star (with integral 75 VA transformer), DS Delta Star, EC El Capitan, ED El Dorado, ES Earth Star, GD Gold Star, GL Glow Star, GLTR Glow Star (with integral 75 VA transformer), LS Lite Star, LS II Lite Star II, LT Litetick, MN Micro Nite Star, MS Micro Star, MS II Micro Star II, NS Nite Star, NS II Nite Star II, PS Path Star (Styles A and B), PSTR75 Path Star (with integral 75 VA transformer) (Styles A and B), PSTR150 Path Star (with integral 150 VA transformer) (Styles A and B), RA Rainier (always with integral 75 VA transformer), RM Ring Mount Delta Star, SF Staff Star,~~

~~SH Shasta, SN Sign Star (Styles A through D), SQ Square Stop Star, SA Saratoga, RU Rushmore, Cotty Villa, CD SQL Core Drill Louvered Square Stop Star, CD VQL Core Drill Louvered Square Versa Star, CD BQL Core Drill Louvered Brick Star, CDL Core Drill Louvered Stop Star, CDL Core Drill Louvered Versa~~

~~Star, CD VBL Core Drill Louvered Vertical Brick Star, BQL louvered Brick Star, SQL Louvered Square Stop Star, VQL Louvered Square Versa Star, SL Louvered Stop Star, VSL Louvered Versa star, VBL Louvered Vertical Brick Star, YSL Louvered Yacht Star, CHL Louvered Chart Star, SW Square Adjustable Well Star~~

~~SS Stop Star, TT Toton, VQ Square Versa Star, VS Versa Star, WH Whitney (always with integral 100 VA transformer), WS Well Star, YS Yacht Star; all models f/b alpha/numeric characters; and accessories consisting of model PC Power Canopy (enclosure only), PCPTR75 Power Canopy (with one 75 VA integral transformer), PCTR150 Power Canopy (with one 150 VA integral transformer), PCTR275 Power Canopy (with two 75 VA integral transformers), PP Power Pipe (enclosure only), PPTR Power Pipe (with integral 75 VA transformer), PP II Power Pipe II (always with integral 150 VA transformer), TRMB2 Transformer (75 VA) and Housing Assembly (Rectangular), and TRMB3 Transformer (75 VA) and Housing Assombly (Round), for outdoor use only~~

~~Mini Micro, Mini Micro Floodlight MM FR, Mini Micro Floodlight LED MM LED, Mini Micro Ring Mount MM TM, Mini Micro Ring Mount LED TM LED, Mini Micro Staff Star MM SF, Mini Micro Staff Star LED MM SF LED, Mini Micro Twin Staff Star MM TF, Mini Micro Twin Staff Star MM TF LED, Mini Micro Sign Star MM SN, Mini Micro Sign Star LED MM SN LED, Mini Micro Twin Sign Star MM ST, Mini Micro Twin Sign Star LED MM ST LED, Mini Micro Surface Downlight MM SM, Mini Micro Surface Downlight LED MM SM LED, Mini Micro Pendant MM PM, Mini Micro Pendant LED MM PM LED, Mini Micro Twin Pendant MM WM, Mini Micro Twin Pendant LED MM WM LED, Mini Micro Recessed Downlight MM DM, Mini Micro Recessed Downlight LED MM DM LED, Mini Micro Stop Light MM CM, Mini Micro Stop Light LED MM CM LED, Mini Micro Recessed Uplight MM UM, Mini Micro Recessed Uplight LED MM UM LED, Mini Micro Cylinder MM YM, Mini~~

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B-K LIGHTING, INC. (manufacturer)
Madera, CA 93636 (continued)

~~Mini-Micro Cylinder LED MM YM LED, Mini-Micro Twin Cylinder MM OM, and Mini-Micro Twin Cylinder LED MM OM LED, for outdoor use only (File 28847) NRTL DELISTED 01.01.10~~

~~Mini-Micro, Mini-Micro Floodlight MM FR, Mini-Micro Floodlight LED MM LED, Mini-Micro Ring Mount MM TM, Mini-Micro Ring Mount LED TM LED, Mini-Micro Staff Star MM SF, Mini-Micro Staff Star LED MM SF LED, Mini-Micro Twin Staff Star MM TF, Mini-Micro Twin Staff Star MM TF LED, Mini-Micro Sign Star MM SN, Mini-Micro Sign Star LED MM SN LED, Mini-Micro Twin Sign~~

~~Star MM ST, Mini-Micro Twin Sign Star LED MM ST LED, Mini-Micro Surface Downlight MM SM, Mini-Micro Surface Downlight LED MM SM LED, Mini-Micro Pendant MM PM, Mini-Micro Pendant LED MM PM LED, Mini-Micro Twin Pendant MM WM, Mini-Micro Twin Pendant LED MM WM LED, Mini-Micro Recessed Downlight MM DM, Mini-Micro Recessed Downlight LED MM DM LED, Mini-Micro Step Light MM CM, Mini-Micro Step Light LED MM CM LED, Mini-Micro Recessed Uplight MM UM, Mini-Micro Recessed Uplight LED MM UM LED, Mini-Micro Cylinder MM YM, Mini-Micro Cylinder LED MM YM LED, Mini-Micro Twin Cylinder MM OM, and Mini-Micro Twin Cylinder LED MM OM LED, for outdoor use only (File 30748) NRTL~~ **Products listed in this file have been moved to L/N 28847**

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LOW VOLTAGE TRACK LIGHTING SYSTEMS

The products listed here cover track lighting systems intended for permanent connection to sources of supply in commercial or residential ordinary locations in accordance with the National Electrical Code, NFPA 70. The track lighting systems covered by this standard are rated:

- a) 300 volts or less;
- b) 150 volts or less to ground; and
- c) 50 amperes or less.

Lighting track is intended to be permanently installed and permanently connected to a branch circuit not exceeding 277 volts, nominal to ground, and 50 amperes.

These requirements under this section cover:

- a) Track networks consisting of track and connectors;
- b) Mono-, duo-, and multi-point canopies;
- c) Incandescent, fluorescent, and high intensity discharge (HID) luminaire assemblies intended to be electrically connected to and physically supported by the track in track networks and canopies;
- d) Mounting means for the track; and
- e) Accessories.

These requirements under this section do not cover:

- Busways intended for lighting, receptacles, or other general-purpose adaptors covered by the Standard for Busways, UL 857, and intended for use in accordance with Article 364 of the National Electrical Code, NFPA 70; or
- Track lighting systems for marine use aboard a ship or boat.

Track lighting systems listed here are not intended for use:

- a) In wet or damp locations;
- b) In installations where the track is concealed;
- c) In hazardous locations;
- d) Where subject to physical damage;

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- e) Where the track is extended through walls or partitions of building structures;
- f) Where subject to corrosive vapors; or
- g) In storage battery rooms.

A track lighting luminaire assembly that uses a tungsten-halogen lamp, fluorescent lamp, or high-intensity-discharge lamp shall also comply with the applicable requirements from the Standard for Luminaires, UL 1598.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this Standard, and that involve a risk of fire, electric shock, or injury to persons shall be evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of this Standard. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this Standard cannot be judged to comply with this Standard. Where considered appropriate, revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this Standard.

Only products which properly bear the ARL Listing Mark (Label) are considered Listed by ARL.

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B-K LIGHTING, INC. (manufacturer)
Madera, CA 93636

~~Low Voltage Track Lighting System-model Delta Star "B" MFDS/PC Assembly, Multi-Fin
with Power Canopy; Delta Star "B" MFDS Custom-Made Multi-Fin with Track Mount
(File 30015) ^{NRTL} **DELISTED** 01.01.10~~

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LUMINAIRES

The products listed here cover luminaries for use in non-hazardous locations that are intended for installation on branch circuits of 600 V nominal or less between conductors in accordance with ARL requirements, the Canadian Electrical Code, Part I (CE Code, Part I), and the National Electrical Code, NFPA 70.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style, model or catalog designation, date code, electrical ratings, electrical hazard warnings, wiring diagram, and other markings and cautionary warnings as required for specific types of products.

These products comply with ARL requirements which include pertinent sections of the Standards for Safety, **UL 1598, Luminaires**. These requirements **do not** cover luminaries covered by other safety standards.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this Standard, and that involve a risk of fire, electric shock, or injury to persons shall be evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of this Standard. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this Standard cannot be judged to comply with this Standard. Where considered appropriate, revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this Standard.

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B-K LIGHTING, INC. (manufacturer)
Madera, CA 93636

High Intensity Discharge Landscape Lighting Fixture, ~~model Everest EV f/b 120 or 277 f/b HP, PC, PPII, RM, TMB or TSB f/b 35; Sierra SE f/b 120 or 277 f/b HP, PC, PPII, RM, TMB or TSB f/b 35 or 70; RM suffixed models for use only with remote metal halide ballast, model RM f/b 35 or 70 f/b 120 or 277, model SE CDM R111 Metal Halide~~

In Grade Lighting Fixture, ~~Precision 2 Family Models: CO2 CFTR (120V/277V), HP2 CFTR (120V/277V), CO2 E 17 Metal Halide D, HP2 E 17 Metal Halide RD, CO2 MR16 Offset RD OR TR, HP2 MR16 Offset RD OR TR, CO2 PAR20/PAR30 Metal Halide RD, HP2 PAR20/PAR30 Metal Halide RD, CO2 E17 ES TR, HP2 E17 ES TR, CO2 E 17 High Pressure Sodium RD, HP2 E 17 High Pressure Sodium RD, CO2 MR16 RS, CO2 MR16 TR, CO2 PAR20/PAR30 Metal Halide TR (120V/277V), HP2 PAR20/PAR30 Metal Halide TR (120V/277V), CO2 PAR20/PAR30 Halogen, HP2 PAR20/PAR30 Halogen, CO2 PAR36/AR111 RD OR TR, HP2 PAR36/AR111 RD OR TR, CO2 T6 Metal Halide TR, HP2 T6 Metal Halide TR, CO2 T6 Metal Halide RD, HP2 T6 Metal Halide RD, DR2 T4 RS, DR2 T4 RD OR TR, DR2 T6 Metal Halide RS, DR2 T6 Metal Halide TR (120V/277V), DR2 T6 Metal Halide RD, HP2 MR16 RS, CO2 ES 16 MH, HP2 ES 16 MH, CO2 GU, HP2 GU, HP2 MR16 TR, CO2 CDM R111 MH, HP2 CDM R111 MH~~

High Intensity Discharge Landscape Lighting Fixture, ~~model K2 f/b 120 or 277 f/b HP f/b 70, 100 or 150; K2 f/b 120 or 277 f/b PC 70; [K2 277 PC 100]; K2 f/b 120 or 277 f/b PCH f/b 100 or 150; K2 f/b 120 or 277 f/b TMB or TSB f/b 70 or 100; K2 f/b 120 or 277 f/b RM f/b 70, 100 or 150, RM suffixed models for use only with remote metal halide ballast, model RM f/b 70, 100 or 150 f/b 120 or 277~~

High Intensity Discharge Landscape Lighting Fixture, ~~model SU Sequoia, Yo Yosemite~~

Incandescent Landscape Lighting Fixture, ~~model AL Alps, CK Catskill, Lassen, MC McKinley or OL Olympus~~

Incandescent Line-Voltage Lighting Fixture, ~~model AP Alpine or MA Mammoth~~

ArtiStar Floodlight ~~models: AR LED RM, AR LED TR, AR MR TR, AR MR RM, AR GU, AR ES 16 Metal Halide TR, AR ES 16 Metal Halide RM (File 30140) NRTL DELISTED 01.01.10~~

TEKA ILLUMINATION (manufacturer)
Madera, CA 93636
(Formerly Located in Templeton, CA 93465)

Projector Path Lights Models ~~PPL 2540, PPL 2546, PPL 4816, PPL 4866 (File 30800) NRTL DELISTED 01.01.10~~

Light Fixtures, ~~Model: BCT, BDT f/b 2512, 2516, 2542, 2546, 2562, 2566; BTB f/b 2323, 2326, 2327; BSB f/b 2512, 2516, 2542, 2546; CCT f/b 2512, 2542; Model: PLW f/b 1210, 1216; Model SWM f/b 8016, 8046, 8066 (File 30865) NRTL DELISTED 01.01.10~~

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MEDICAL AND DENTAL EQUIPMENT

The products listed here are electric medical and dental equipment and accessories intended for professional use by personnel in hospitals, nursing homes, medical care centers, medical and dental offices and similar health care facilities, including apparatus intended to be used with oxygen administering equipment. The listings also cover refrigerated medical and dental equipment, such as thermia and oxygen therapy devices, which employ hermetic motor compressors and air or water cooled condensers. The equipment covered is for use on interior wiring systems in accordance with the National Electrical Code.

Requirements for this category cover portable (cord connected) equipment rated at 300 volts or less and permanently connected equipment rated at 600 volts or less. In addition, the requirements include equipment batteries, and battery operated products that are energized by a battery supply having a voltage of 300 volts DC or less, or battery power and provisions for connection to branch circuits rated 300 volts or less in accordance with the National Electrical Code.

The investigated products take into consideration the hazards resulting from the presence of oxygen and the intended use of oxygen administering equipment, but **do not** cover the canopy (tent) or oxygen storage and distribution systems with which the equipment may be used.

The requirements for this category **do not** cover electrically heated pads, X-ray equipment, hospital food warming cabinets and carts, nurse call and intercommunication equipment, isolated power systems, equipment for use in hazardous locations (with respect to flammable anesthetics), nor other equipment or appliances that are covered by separate, individual requirements.

Exigencies for this category of products **do not** consider the complete spectrum of physiological or therapeutic effects, beneficial or otherwise, except where generally accepted limits for potentially hazardous conditions are defined. Devices which necessitate the utilization of conditions exceeding such accepted limits for patient treatment are intended for use by or under the supervision of licensed medical persons. Such equipment is provided with appropriate warnings prominently displayed on the device.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive style, type, catalog or model designation, date code, electrical ratings (including primary and secondary voltages), electrical hazard warnings and other cautionary and hazard warnings as applicable. Refrigerated products are additionally marked with the kind and amount of refrigerant employed and factory test pressures for suction and discharge sides.

These products comply with ARL requirements which include pertinent sections of the Standards for Safety, **ANSI/UL 416, Refrigerated Medical Equipment, and/or UL 544, Medical and Dental Equipment.**

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MEDICAL AND DENTAL EQUIPMENT (continued)

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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TECH WEST, INC. (manufacturer)
Fresno, CA 93727
(Formerly Located In Tollhouse, CA 93667)

~~Dental Air Compressor, model ACL f/b 2, 4 or 6 and ACO f/b 2, 4, 6 or 8; all f/b
alpha/numeric characters, tradename Ultra Clean (File 29713) ^{NRTL} **DELISTED**~~

Dental Vacuum Pump, model VPL f/b 2, 3, 4, 6, 8, 9 or 12 f/b alpha/numeric characters,
tradename Whirlwind (File 29714) ^{NRTL}

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MOTOR OPERATED APPLIANCES

The products listed here are small utilization appliances rated 600 volts or less or appliances employing a universal motor rated 250 volts or less.

Requirements for this category of products **do not** include equipment particularly for the control of electric motors; separate motors; nor electric clocks, fans, clothes dryers, washing machines, hair dryers, tools, waste disposers, dishwashers, office appliances and business equipment, refrigerators, air conditioners, vending and amusement machines, hair clippers and shavers, snow movers, or other motor operated appliances that are covered by individual requirements.

An appliance that utilizes some other source of energy, such as gas or steam, in addition to electric energy has been investigated under these requirements and under such additional requirements as applicable to the individual product.

Each product is marked with the name or trademark of the (manufacturer) or vendor, a distinctive type, style or model designation, date code, electrical ratings, electrical hazard warnings, and other markings as required for specific applications.

These products comply with ARL requirements which include pertinent sections of the Standards for Safety, **ANSI/UL 73, Motor Operated Appliances, ANSI/UL 1004, Electric Motors**, and are intended to be installed or employed in accordance with the National Electrical Code ANSI/NFPA 70. In addition, if so designated on the Listing Mark, products have been investigated in accordance with CSA C22.2 No. 68, Motor Operated Appliances (Household and Commercial) and CSA C22.2 No. 88, Industrial Heating Equipment.

A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements of the standard, and that involve a risk of fire, electric shock, or injury to persons, have been evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the acceptable level of safety as originally anticipated by the intent of the standard. A product whose features, characteristics, components, materials, or systems conflict with specific provisions of the standard have been judged to be in non-compliance with the standard.

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AQUATIC ECO-SYSTEMS, INC. (manufacturer)
Apopka, Florida 32703

Family of Lake Aeration Systems Model: 4GL f/b 32,53,54,75, or 96 may be followed by alphanumeric characters; SL f/b 3,5,7 or 9 may be followed by alphanumeric characters. (File 30824) NRTL

JONES FISH & LAKE MANAGEMENT, INC.
Newton, Ohio
(Private brand distributor for Aquatic Eco-Systems, Inc.)

Family of Lake Aeration Systems Model: 4HL f/b 32, 53, 54,75 or 96 may be followed by alphanumeric characters; DL f/b 3, 5, 7 or 9 may be followed by alphanumeric characters (File L/N 30824A)

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