

GUARDIAN EQUIPMENT

Emergency Eye Wash and Shower Equipment

To Our Customers:

Guardian Equipment has manufactured quality emergency eye wash and shower equipment for over thirty years. Our products offer a unique combination of quality, performance and value. The basis of our success is straightforward:

- **Performance.** Guardian emergency equipment utilizes the exclusive GS-Plus™ and FS-Plus™ spray-type outlet heads. Water is delivered to the user's eyes and face in a soft, wide spray rather than a narrow, solid stream. In an emergency, contaminants are rinsed away quickly, gently and completely.
- **Manufacturing Capabilities.** Guardian is the only true "manufacturer" in the emergency equipment field. Rather than simply assembling components that are procured from outside sources, we operate a fully integrated manufacturing facility, including precision CNC machining, metal fabrication, chrome plating, powder coating, assembly and testing.
- **Product Selection.** Because of our manufacturing capability, we are able to offer the most extensive product selection in the industry. In addition, we have the ability to modify our standard units or produce entirely new designs to meet our customers' most specialized applications.
- **Durability.** Guardian products are engineered and built to withstand the harshest industrial conditions. Materials are carefully selected for strength and corrosion resistance. Every valve in every unit we sell is made in the USA, rather than imported from foreign sources. And Guardian backs up its products with a full two year warranty, the longest in the industry.
- **Service.** We serve our customers through a network of factory sales representatives, independent manufacturer's representatives and a worldwide network of distributors. We also offer the most extensive QuickShip program in the industry. Our highest volume, most popular models are shipped within 48 hours, guaranteed.

Guardian's success has been based upon the efforts of a dedicated workforce and the support of our customers. We will continue to endeavor to earn your business.



Steven A. Kersten
President



Carsten Birch
General Manager



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This Product Catalog presents an overview of the Guardian product range, including descriptions and illustrations of our most popular items. In addition to this catalog, Guardian offers several additional resources for obtaining information on our product line. These resources include:

- Guardian Engineering Catalog — This catalog provides complete engineering and technical information on our product line, including dimensions, inlet/outlet connections and performance specifications.
- gesafety.com — The Guardian website is considered to be the most comprehensive, advanced website in the industry. At gesafety.com, you can look at complete information on all of our products, download catalog drawings and information, download copies of our “ANSI Compliance Checklist” and request additional literature.

In addition to the units shown here, Guardian offers a wide array of specialized and customized units to meet every product application. Please contact a Guardian representative or our main office for further information.

Due to the continuing improvement to our product line, the construction of our products (including dimensions, materials and performance specifications) is subject to change without notice.



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Units have been tested
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ANSI Z358.1 - 2004

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Engineering Information

OSHA regulations, safe work practices and common sense demand that, where workers are handling potentially dangerous chemicals or other materials, the workplace be equipped with equipment for rinsing the eyes, face or body in case an accident occurs. While this seems like a simple matter, selecting, installing, using, and maintaining emergency equipment can be complicated. A variety of considerations – ranging from design issues such as tepid water and drainage to differences in equipment performance – make the process complex.

This catalog provides information on Guardian products. In addition, this catalog is intended to serve as a reference manual for the proper selection, installation, use and maintenance of emergency eye wash and shower equipment. Hopefully, the information contained in this catalog will assist our customers in constructing a comprehensive emergency equipment program.

Emergency Equipment as the “Third Line of Defense”

While emergency equipment is a necessary part of a safe work environment, it must be emphasized that it is only the “third line of defense” for workers in such environments. The first line of defense must always be setting up the work area and designing the work flow and processes to minimize the possibility of an accident occurring. Many factors go into making a workplace safe. However, such practices as storing hazardous materials in proper containers, marking the containers clearly and accurately, and keeping the workplace clean and well organized can have a significant impact on minimizing the likelihood of an accident occurring.

The “second line of defense” for workers is assuring that, when workers do have to handle dangerous materials, personal protective equipment is provided and used. Proper protective clothing, gloves and eye protection (such as goggles and face shields) can change a potentially life-threatening spill into a harmless event.

However, even where work processes have been designed to minimize the possibility of an accident, and even where proper protective equipment is in use, it is still possible that an accident can occur. For this reason, it is necessary that effective, functioning emergency eye wash and shower equipment be provided.

OSHA Requirements

Constructing an emergency equipment program begins with a review of the OSHA requirements for such equipment. OSHA has developed a series of regulations that require the use of emergency eye wash and shower equipment as a form of first aid treatment. The broadest requirement for eye wash and shower usage is found in 29 CFR 1910.151, which states that “where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.”

This regulation requires that, anywhere there is a risk of a worker being injured by contact with harmful materials, the employer must provide a means for immediate rinsing away of such materials. The equipment for rinsing the contaminants must be suitable for that use, located within the work area, and able to be utilized immediately in the event of an emergency. The regulation does not, however, specify what constitutes “suitable facilities” for drenching or flushing the eyes and body. The employer is free to select the equipment which is best suited for the type of workplace and the type of risk involved.

In addition to this general requirement, OSHA has also adopted regulations that are applicable to particular workplaces and work activities. The following are areas that are specifically addressed by OSHA:

- **Powered Industrial Trucks (29 CFR 1910.178 (g) (2))**
- **Pulp, Paper and Paperboard Mills (29 CFR 1910.261 (g) (18))**
- **Telecommunications (29 CFR 1910.268 (b) (2))**
- **Activities Utilizing an Open Surface Tank (29 CFR 1910.94 (d) (9) (vii))**
- **Storage and Handling of Anhydrous Ammonia (29 CFR 1910.111 (a) (9) (iii, iv))**

ANSI Standard Z358.1

The OSHA regulations listed in 29 CFR determine where and when emergency eye wash and shower equipment must be installed. These regulations do not, however, specify design characteristics or minimum performance levels for this equipment. The American National Standards Institute has adopted ANSI Standard Z358.1 “Emergency Eye Wash and Shower Equipment” to address these issues. This standard serves as a guide for the proper design, performance and installation of emergency equipment to comply with OSHA regulations. The standard was most recently updated in 2004.

Guardian Equipment offers an ANSI Z358.1-2004 “Compliance Checklist”. This checklist summarizes and graphically presents the provisions of ANSI Z358.1-2004 with respect to each type of emergency equipment. The checklist can be used to assist in the proper selection, installation and maintenance of emergency equipment. It can also be used in performing an audit of existing emergency equipment. Each section of this catalog contains the checklist that deals with the type of equipment shown in that section.

Design Issues

There are several important design issues that must always be addressed when selecting and installing emergency equipment. These include the following:

Location

In general, the ANSI standard provides that emergency equipment be installed within 10 seconds walking time from the location of the hazard. The equipment must be installed on the same level as the hazard (i.e. accessing the equipment should not require going up or down stairs or ramps). The path of travel from the hazard to the equipment should be free of obstructions and as straight as possible. Users of the equipment should not have to walk around machinery or other obstacles to reach the unit.

However, there are certain circumstances where these guidelines might not be adequate. For example, where workers are handling particularly strong acids, caustics or other materials where the consequences of a spill would be very serious, emergency equipment should be installed immediately adjacent to the hazard.

Laboratory environments may also require special consideration. It is common in many laboratory buildings to install emergency equipment in a corridor or hallway outside of the lab room. This may satisfy the provisions of the standard but still not provide workers with immediate access to emergency equipment. In these cases, consideration should be given to installing dual purpose eye wash/drench hose units at lab sinks. These units are highly accessible and versatile. They provide immediate protection for the eyes, face or body when a spill involves a relatively small amount of hazardous material. Please refer to the “Eye Wash/Drench Hose” section of this catalog for further information.

Water Supply

Proper operation of emergency equipment requires the availability of a large and continuous supply of potable water. The water supply must, at a minimum, be capable of delivering the volumes of water required by the ANSI standard. Piping should be at least as large as the inlet size of the unit to be installed. The water supply line must also be capable of delivering an uninterrupted flow of water of at least 30 PSI flow pressure.

Water Temperature

The ANSI standard provides that the water delivered by emergency equipment be “tepid” (that is, moderately warm or lukewarm). Tepid water is generally defined as between 60 and 100 degrees Fahrenheit. However, where it is possible that a chemical reaction might be accelerated by warm water, a medical professional should be consulted to determine what the optimum water temperature would be.



Design Issues (cont'd)

Water Temperature (cont'd)

The delivery of tepid water to emergency equipment may raise complicated engineering issues. In geographical areas subject to cold weather, the water supplied by public water systems can be quite cold, at times just above freezing. Providing tepid water requires heating the cold water or blending it with hot water to achieve a desirable temperature. Conversely, in warm areas of the country, water standing in pipelines can be heated to a very hot temperature. Providing tempered water would then involve chilling the water or adding cold water to the water supply line.

There are several ways to design a water supply system to address the tepid water requirement. First, it is possible to provide both hot and cold water supply lines to each location at which emergency equipment is installed. This is typically done in facilities (such as laboratory buildings and schools) where hot and cold water systems are installed throughout the building. At each emergency unit, a tempering valve would be installed to blend the hot and cold water to a preset temperature. The tempering valve must be specially designed for use with emergency equipment, since these valves have dual built-in safety features. In the event that there is an interruption in the hot water supply, the valve will still deliver a full flow of cold water to the equipment. If there is an interruption in the cold water supply, the valve will shut off the water entirely to eliminate the possibility of scalding. Please refer to the "Tempering Units" section of this catalog for information on Guardian tempering valves.

The second way to address the tepid water issue is to install a recirculating tepid water system. This system can supply multiple emergency equipment stations. The system continually recirculates warm water to each location. If one or more units are activated, the system will automatically blend hot and cold water and add it to the water line to supply the units. These systems must be sized and engineered for the particular facility in which they are to be installed. It is therefore common to consult with the emergency equipment manufacturer during the design process. Please contact our regional sales representatives or the factory for information on recirculating tempered water systems.

Water Disposal

The ANSI standard does not include any provisions regarding the disposal of waste water. However, consideration must be given to where waste water will go. In particular, care must be taken that waste water not create a hazard, by creating a pool in which someone might slip, or might freeze.

Most eye wash, eye/face wash and safety station units are designed with waste connections for connection to drain piping. *Guardian recommends that units be connected to drain piping. For emergency showers and for other units without waste connections, floor drains should be provided.* Floor drains are important for two reasons. First, emergency showers deliver a very high volume of water. This volume can cause significant water damage to the facility if drains are not provided. This concern is heightened where there is a possibility that units might be inadvertently operated. Second, the absence of drainage may be a deterrent to routine testing of emergency equipment. The testing process is more difficult if waste water must be manually collected and removed.

After an emergency eye wash or shower has been used, the waste water may contain hazardous materials that cannot or should not be introduced into a sanitary sewer system. It may be necessary to connect the drain piping from the emergency equipment or floor drain to the building's acid waste disposal system or to a neutralizing tank.

Design Issues (cont'd)

Handicapped Accessibility

The Americans with Disabilities Act (ADA) mandates that workplaces be accessible to, and usable by, physically handicapped persons. Making workplaces accessible to handicapped persons has had an impact on how facilities are designed and the equipment installed in facilities. With respect to emergency equipment, ADA regulations impose requirements for maximum heights and reach, the types of actuators that are permitted, etc. Guardian offers specialized “barrier-free” products that will assist in complying with governmental regulations (28 CFR Part 36) and compliance standards (ANSI 117.1-1-1992). Please refer to the “Barrier-Free Units” section of this catalog for complete information.

Identification

ANSI Z358.1 provides that emergency units should be identified with highly visible signs. Without appropriate signage, emergency equipment can blend into the background of the surrounding area and be difficult to locate in an emergency. The signs used with emergency equipment should comply with the provisions of ANSI Z535.1 through ANSI Z535.5, utilizing a white background with green lettering. Graphics and lettering should be of the correct size and format. All Guardian signage conforms to these provisions.

In addition to identification with appropriate signage, the emergency equipment itself should be designed to provide maximum visibility. Guardian safety stations are furnished with safety orange polyethylene covers for the vertical piping. In addition to protecting the piping against corrosion, the orange covers assure that the equipment will be visible and readily identified in an industrial plant.

Finally, the ANSI standard recommends that the area around emergency equipment be well lighted. Guardian alarm units (see below) can be equipped with area lights to provide the necessary lighting.

Alarm Systems

Alarm systems are advisable for emergency equipment, particularly in remote locations or areas where only one employee might be working. Alarm systems serve two important functions. First, they serve to let facility personnel know that an accident has occurred and that a unit is in operation. This can help to insure that assistance is rendered as quickly as possible. Second, alarm systems can be a deterrent to unintended or malicious operation of a safety unit.

Alarm systems incorporate a flow switch installed in the water supply line to an emergency unit and a visual indicator light and/or audible alarm. When the unit is activated, the flow switch detects the movement of water in the line and sends a signal that activates the light and/or horn. In addition, the alarm can relay the same signal to a monitoring station or building management system.

Post-Installation Considerations

Simply installing emergency equipment is not a sufficient means of insuring worker safety. Employees must be trained in the location of emergency equipment and in its proper use. In particular, workers must be trained that, in event of an emergency, the affected area should be rinsed for at least fifteen minutes to assure that contaminants are rinsed away thoroughly and completely.

Most importantly, employers must develop a response plan to be used in the event that an accident does occur. The focus of the response plan should be to provide assistance to the injured worker as quickly as possible.

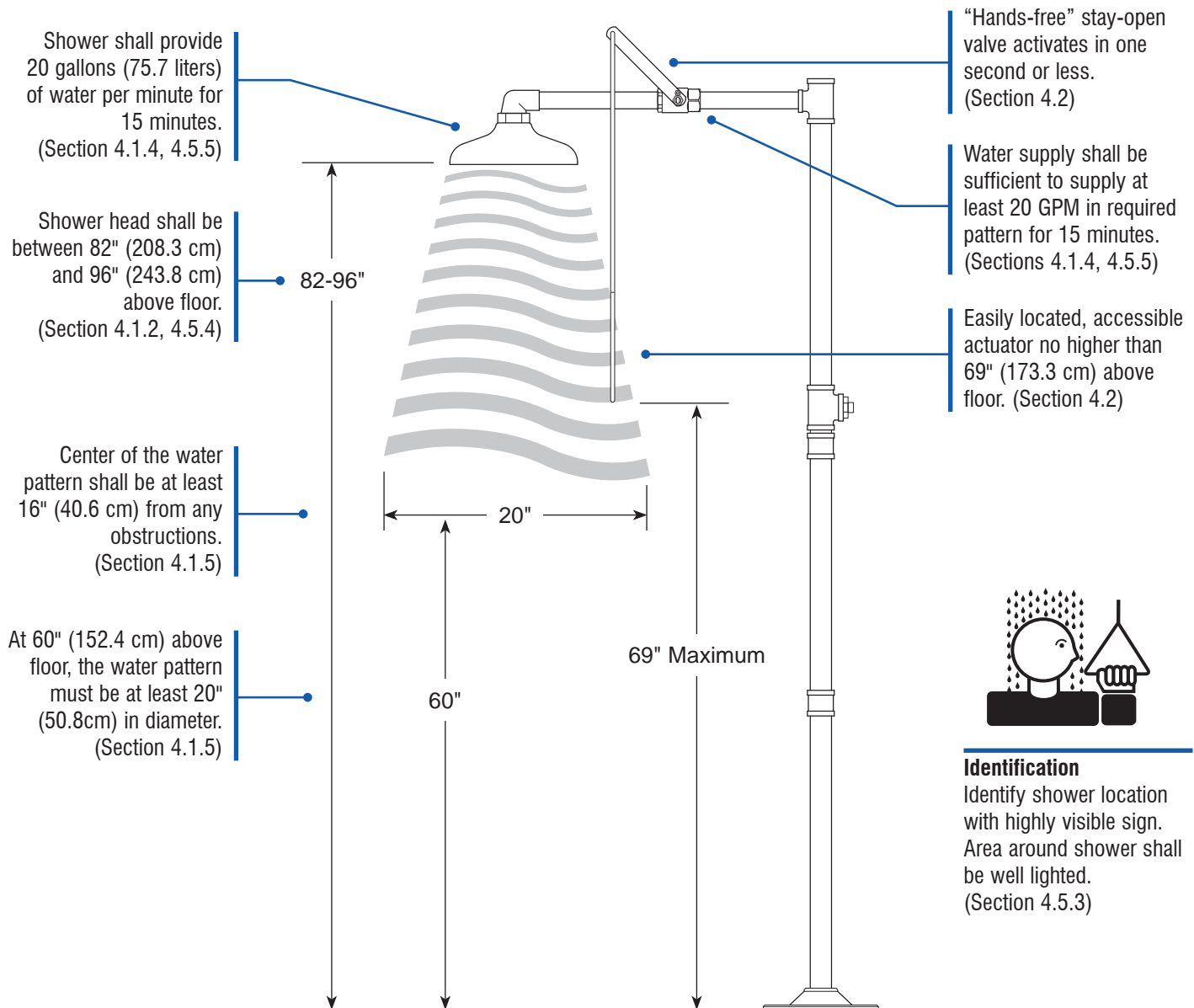
Finally, all emergency equipment must be activated at least weekly to assure proper operation. A testing log should be maintained to document the weekly check. At least annually, emergency equipment must be inspected to assure continued compliance with the ANSI standard.



Emergency Showers: ANSI Guidelines

This checklist is a summary of the provisions of ANSI Z358.1-2004 relating to emergency showers. Please refer to the standard for a complete listing of these provisions.

All Guardian emergency showers (except units with self-closing valves) are third-party certified to meet or exceed provisions of ANSI Z358.1-2004.



Identification

Identify shower location with highly visible sign. Area around shower shall be well lighted. (Section 4.5.3)

Location

Install shower within 10 seconds of hazard, on the same level as hazard and with unobstructed travel path. (Section 4.5.2)

Water Temperature

Water delivered by shower shall be tepid (lukewarm). (Section 4.5.6)

Training

Instruct all employees in the location and proper use of emergency showers. (Section 4.6.4)

Maintenance/Inspection

Activate shower at least weekly. (Section 4.6.2) Inspect annually for compliance with standard. (Section 4.6.5)

- ☐ **G1635** Emergency Shower, Vertically Mounted, Plastic Shower Head
- ☐ **G1635SSH** Emergency Shower, Vertically Mounted, Stainless Steel Shower Head

Application: Emergency shower for vertical mounting.

Shower Head: 10" diameter. Shower head is orange ABS plastic (G1635) or stainless steel (G1635SSH).

Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

Available Options

- ☐ **GRN** Safety green ABS plastic shower head.
- ☐ **YEL** Safety yellow ABS plastic shower head.
- ☐ **PCH** Polished chrome plated cast brass shower head.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **SC** Self-closing ball valve.
Note: Emergency showers with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **AP280-100 Electric Light and Alarm Horn**
Flashing light and horn serve to summon assistance when shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.
- ☐ **AP250-014 Modesty Curtain**
Modesty curtain for vertical shower installation.



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- ☐ **G1643** Emergency Shower, Horizontally Mounted, Plastic Shower Head
- ☐ **G1643SSH** Emergency Shower, Horizontally Mounted, Stainless Steel Shower Head

Application: Emergency shower for horizontal mounting.

Shower Head: 10" diameter. Shower head is orange ABS plastic (G1643) or stainless steel (G1643SSH).

Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Pipe and Fittings: 1" IPS galvanized steel nipple with orange ABS plastic elbow (G1643) or galvanized street elbow (G1643SSH).

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

Available Options

- ☐ **PCC** All-polished chrome plated brass construction.
- ☐ **GRN** Safety green ABS plastic shower head.
- ☐ **YEL** Safety yellow ABS plastic shower head.
- ☐ **PCH** Polished chrome plated cast brass shower head.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **SC** Self-closing ball valve.
Note: Emergency showers with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **AP280-100 Electric Light and Alarm Horn**
Flashing light and horn serve to summon assistance when shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for horizontal shower installation.



Pull rod rotated
90° for viewing.

- ☐ **G1662** Emergency Shower, Free Standing, Plastic Shower Head
- ☐ **G1662SSH** Emergency Shower, Free Standing, Stainless Steel Shower Head

Application: Free standing emergency shower.

Shower Head: 10" diameter. Shower head is orange ABS plastic (G1662) or stainless steel (G1662SSH).

Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

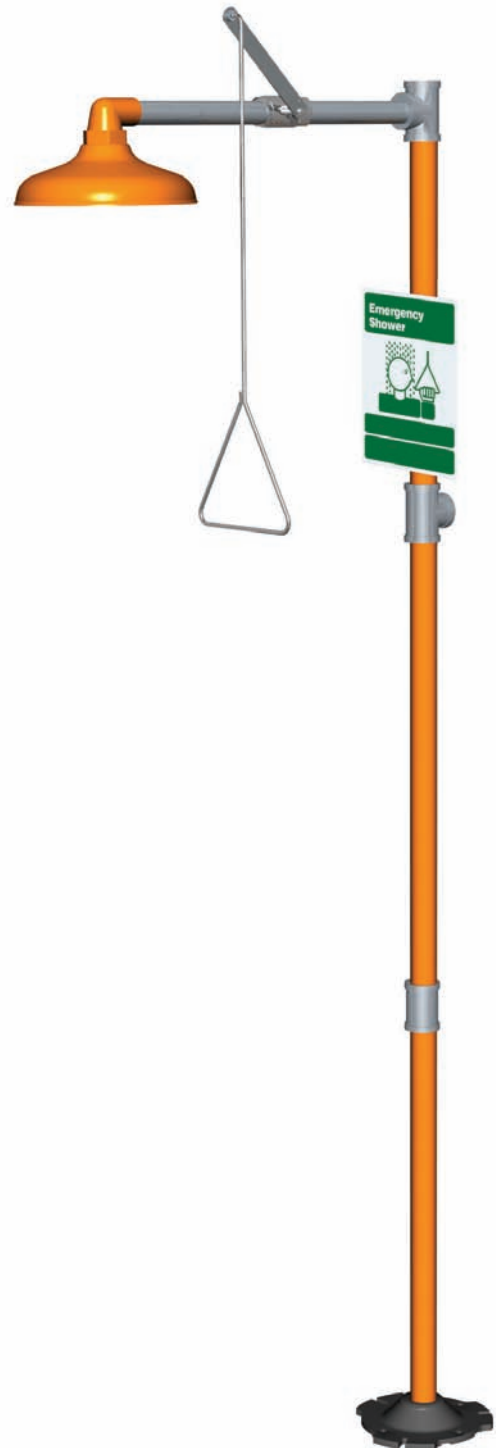
Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers on vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Sign: ANSI-compliant identification sign.

Available Options

- ☐ **PCC** All-polished chrome plated brass construction.
- ☐ **GRN** Safety green ABS plastic shower head.
- ☐ **YEL** Safety yellow ABS plastic shower head.
- ☐ **PCH** Polished chrome plated cast brass shower head.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **SC** Self-closing ball valve.
Note: Emergency showers with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **HS Auxiliary Drench Hose Unit**
Auxiliary hand-held drench hose for rinsing eyes, face or body. Unit has single FS-Plus™ spray type outlet head, self-closing valve with squeeze handle, 8 ft. reinforced PVC hose and mounting bracket.
- ☐ **AP280-100 Electric Light and Alarm Horn**
Flashing light and horn serve to summon assistance when shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for horizontal shower installation.



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- ☐ **G1629** Emergency Shower, Recess Mounted, Stainless Steel Shower Head
- ☐ **G1629PCH** Emergency Shower, Recess Mounted, Chrome Plated Brass Shower Head



Application: Emergency shower for recess mounting in a finished ceiling or soffit. Shower is activated by rigid pull rod.

Shower Head: 10" diameter with flange for flush mounting in ceiling. Shower head is stainless steel with stainless steel face plate (G1629) or chrome plated cast brass (G1629PCH).

Valve: 1" IPS brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm, 43" stainless steel pull rod and stainless steel ceiling guide plate.

Pipe and Fittings: 1" IPS galvanized steel.

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

Note: ANSI Z358.1-2004 provides that shower heads be installed no more than 96" above the finished floor. This unit should therefore not be installed in ceilings over 8 feet. For higher ceiling heights, we recommend the G1658 shower.

Available Options

- ☐ **SC** Self-closing ball valve.
Note: Emergency showers with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **AP280-230 Electric Light and Alarm Horn**
Flashing light/alarm horn unit is recess mounted in finished wall. Light is illuminated and horn sounds when shower is activated. Furnished complete with flow switch and mounting hardware.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.

- ☐ **G1691** Emergency Shower, Horizontally Mounted, All-Stainless Steel
- ☐ **G1692** Emergency Shower, Vertically Mounted, All-Stainless Steel

Application: All-stainless steel emergency shower for horizontal mounting. Ideal for use in areas where highly corrosive materials are handled, as well as in laboratory and clean room applications.

Shower Head: 10" diameter stainless steel.

Valve: 1" IPS stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Pipe and Fittings: 1" IPS stainless steel.

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

Available Options

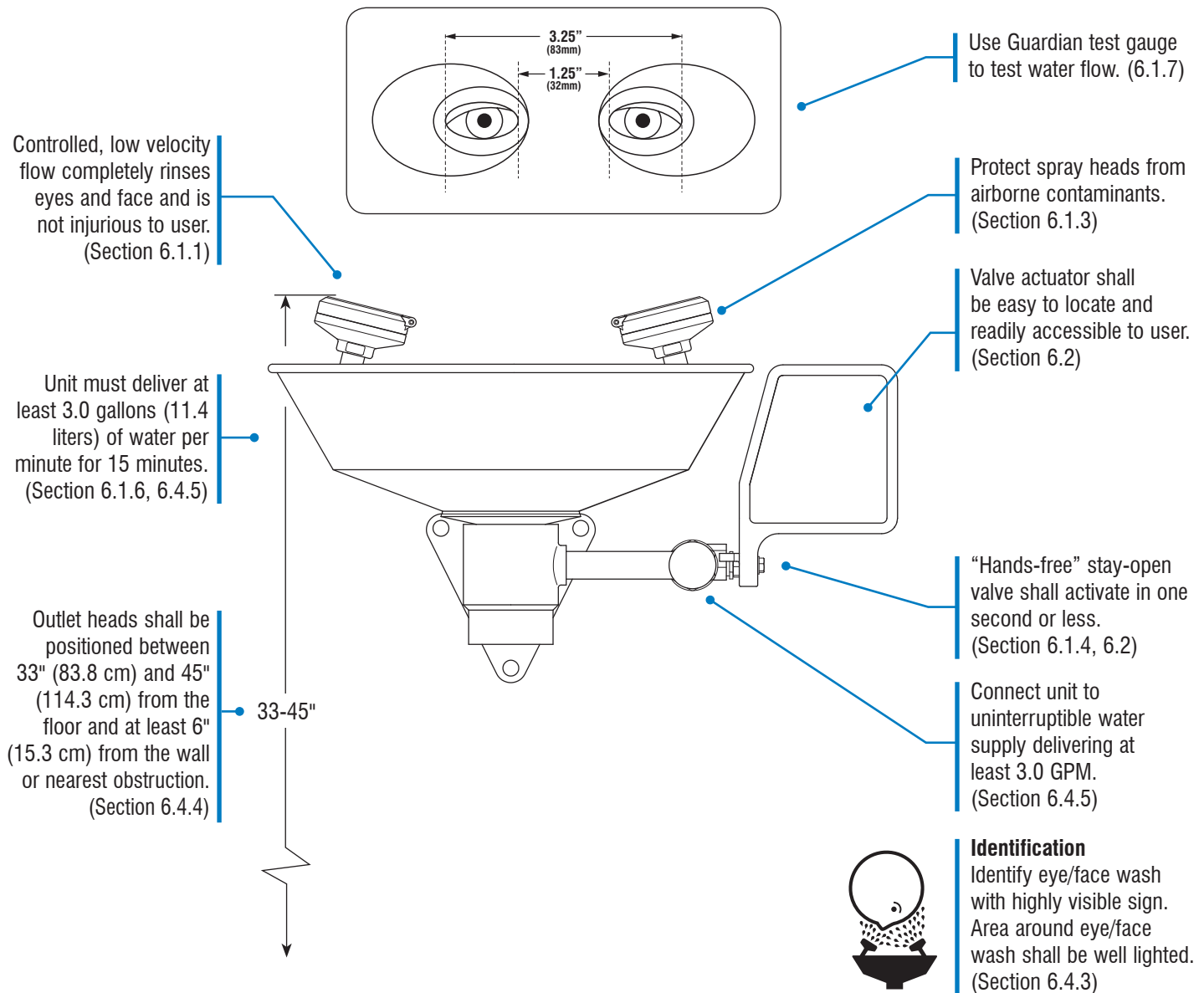
- ☐ **PSH** Orange ABS plastic shower head.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **AP280-100 Electric Light and Alarm Horn**
Flashing light and horn serve to summon assistance when shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for horizontal shower installation.



Eye/Face Washes: ANSI Guidelines

This checklist is a summary of the provisions of ANSI Z358.1-2004 relating to emergency eye/face washes. Please refer to the standard for a complete listing of these provisions.

All Guardian eye/face wash units (except units with self-closing valves) are third-party certified to meet or exceed the provisions of ANSI Z358.1-2004.



Location

Install eye/face wash unit within 10 seconds of hazard, on the same level as hazard and with unobstructed travel path. (Section 6.4.2)

Water Temperature

Water delivered by eye/face wash shall be tepid (lukewarm). (Section 6.4.6)

Training

Instruct all employees in the location and proper use of eye/face washes. (Section 6.5.4)

Maintenance/Inspection

Activate eye/face wash at least weekly. (Section 6.5.2)
Inspect annually for compliance with standard. (Section 6.5.5)

- ☐ **G1704** WideArea™ Eye/Face Wash, Pedestal Mounted, Stainless Steel Bowl
- ☐ **G1704P** WideArea™ Eye/Face Wash, Pedestal Mounted, Plastic Bowl

Application: Free standing, pedestal mounted WideArea™ eye/face wash. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" diameter. Bowl is stainless steel (G1704) or orange ABS plastic (G1704P).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers on vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover (G1704 only). Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HFC** Hand and foot control. Eye/face wash is activated by flag handle or foot treadle.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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G1704BC

WideArea™ Eye/Face Washes

☐ **G1704BC** WideArea™ Eye/Face Wash, Pedestal Mounted, Stainless Steel Bowl and Cover

Application: Free standing, pedestal mounted WideArea™ eye/face wash. Unit has stainless steel cover to protect bowl from dust, dirt and other contaminants. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has an internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" stainless steel with bowl cover. Cover is raised automatically when flag handle is activated. Cover closes when handle is returned to closed position.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers on vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **HFC** Hand and foot control. Eye/face wash is activated by flag handle or foot treadle.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



G1704HFC

WideArea™ Eye/Face Washes

- ☐ **G1704HFC** WideArea™ Eye/Face Wash, Pedestal Mounted, Hand and Foot Control, Stainless Steel Bowl
- ☐ **G1704P-HFC** WideArea™ Eye/Face Wash, Pedestal Mounted, Hand and Foot Control, Plastic Bowl

Application: Free standing, pedestal mounted WideArea™ eye/face wash. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve is activated by flag handle or foot treadle. Unit remains in operation until handle is returned to closed position.

Bowl: 11 1/2" diameter. Bowl is stainless steel (G1704HFC) or orange ABS plastic (G1704P-HFC).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover (G1704HFC only). Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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G1724

WideArea™ Eye/Face Washes

- ☐ **G1724** WideArea™ Eye/Face Wash, Wall Mounted, Stainless Steel Bowl
- ☐ **G1724P** WideArea™ Eye/Face Wash, Wall Mounted, Plastic Bowl



Application: WideArea™ eye/face wash for wall mounting. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2” IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2” diameter. Bowl is stainless steel (G1724) or orange ABS plastic (G1724P).

Mounting: Heavy duty cast aluminum wall bracket with corrosion resistant powder coated finish.

Supply: 1/2” NPT female inlet.

Waste: 1 1/4” NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **GRN** Green ABS plastic bowl.
- ☐ **YEL** Yellow ABS plastic bowl.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2” IPS waste connection.
- ☐ **TP** 1 1/2” OD Chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

☐ **G1791** WideArea™ Eye/Face Wash, Wall Mounted, All-Stainless Steel



Application: WideArea™ eye/face wash for wall mounting. Constructed entirely in stainless steel. Ideal for use in highly corrosive environments and clean room applications. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals.

Bowl: 11 1/2" diameter stainless steel.

Mounting: Heavy duty stainless steel wall bracket.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TP** 1 1/2" OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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- ☐ **G1794** WideArea™ Eye/Face Wash, Pedestal Mounted, All-Stainless Steel
- ☐ **G1794HFC** WideArea™ Eye/Face Wash, All-Stainless Steel, Hand and Foot Control

Application: Free standing, pedestal mounted WideArea™ eye/face wash. Constructed entirely in stainless steel. Ideal for use in highly corrosive environments and clean room applications. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Valve is activated by flag handle (G1794) or by both flag handle and foot treadle (G1794HFC).

Bowl: 11 1/2" diameter stainless steel.

Pipe and Fittings: Schedule 40 stainless steel. Furnished with orange polyethylene covers on vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HFC** Hand and foot control. Eye/face wash is activated by flag handle or foot treadle.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



☐ **G1750** Eye/Face Wash, Wall Mounted, Stainless Steel Bowl



Application: Eye/face wash for wall mounting. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" diameter stainless steel.

Mounting: Heavy duty cast aluminum wall bracket with corrosion resistant powder coated finish.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TP** 1 1/2" OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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☐ **G1750BC** Eye/Face Wash, Wall Mounted, Stainless Steel Bowl and Cover



Application: Eye/face wash for wall mounting. Unit has stainless steel cover to protect bowl from dust, dirt and other contaminants. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has an internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" stainless steel bowl with cover. Cover is raised automatically when flag handle is activated. Cover closes when handle is returned to closed position.

Mounting: Heavy duty cast aluminum wall bracket with powder coated finish.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TP** 1 1/2" OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.

☐ **G1750P** Eye/Face Wash, Wall Mounted, Plastic Bowl



Application: Eye/face wash for wall mounting. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" diameter orange ABS plastic.

Mounting: Heavy duty cast aluminum wall bracket with corrosion resistant powder coated finish.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **GRN** Green ABS plastic bowl.
- ☐ **YEL** Yellow ABS plastic bowl.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TP** 1 1/2" OD Chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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- ☐ **G1760** Eye/Face Wash, Pedestal Mounted, Stainless Steel Bowl
- ☐ **G1760P** Eye/Face Wash, Pedestal Mounted, Plastic Bowl

Application: Free standing, pedestal mounted eye/face wash. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" diameter. Bowl is stainless steel (G1760) or orange ABS plastic (G1760P).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover (G1760 only). Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HFC** Hand and foot control. Eye/face wash is activated by flag handle or foot treadle.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



☐ **G1760BC** Eye/Face Wash, Pedestal Mounted, Stainless Steel Bowl and Cover

Application: Free standing, pedestal mounted WideArea™ eye/face wash. Unit has stainless steel cover to protect bowl from dust, dirt and other contaminants. Two FS-Plus™ spray-type outlet heads deliver a flood of water for complete rinsing of eyes and face.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has an internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" stainless steel with bowl cover. Cover is raised automatically when flag handle is activated. Cover closes when handle is returned to closed position.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers on vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **HFC** Hand and foot control. Eye/face wash is activated by flag handle or foot treadle.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



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- ☐ **G1760HFC** Eye/Face Wash, Pedestal Mounted, Hand and Foot Control, Stainless Steel Bowl
- ☐ **G1760P-HFC** Eye/Face Wash, Pedestal Mounted, Hand and Foot Control, Plastic Bowl

Application: Free standing, pedestal mounted eye/face wash. Water flow is activated by either flag handle or foot treadle.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve is activated by flag handle or foot treadle. Unit remains in operation until handle is returned to closed position.

Bowl: 11 1/2" diameter. Bowl is stainless steel (G1760HFC) or orange ABS plastic (G1760P-HFC).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover (G1760HFC only). Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



☐ **G1771** Eye/Face Wash, Wall Mounted, Less Bowl



Application: Eye/face wash for wall mounting. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face. Unit is provided without bowl or drain for waste water. *Note: Floor drain should be provided underneath unit to prevent accumulation of water on floor.*

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Mounting: Heavy duty aluminum wall bracket with corrosion resistant powder coated finish.

Construction: Polished chrome plated brass.

Supply: 1/2" NPT female inlet.

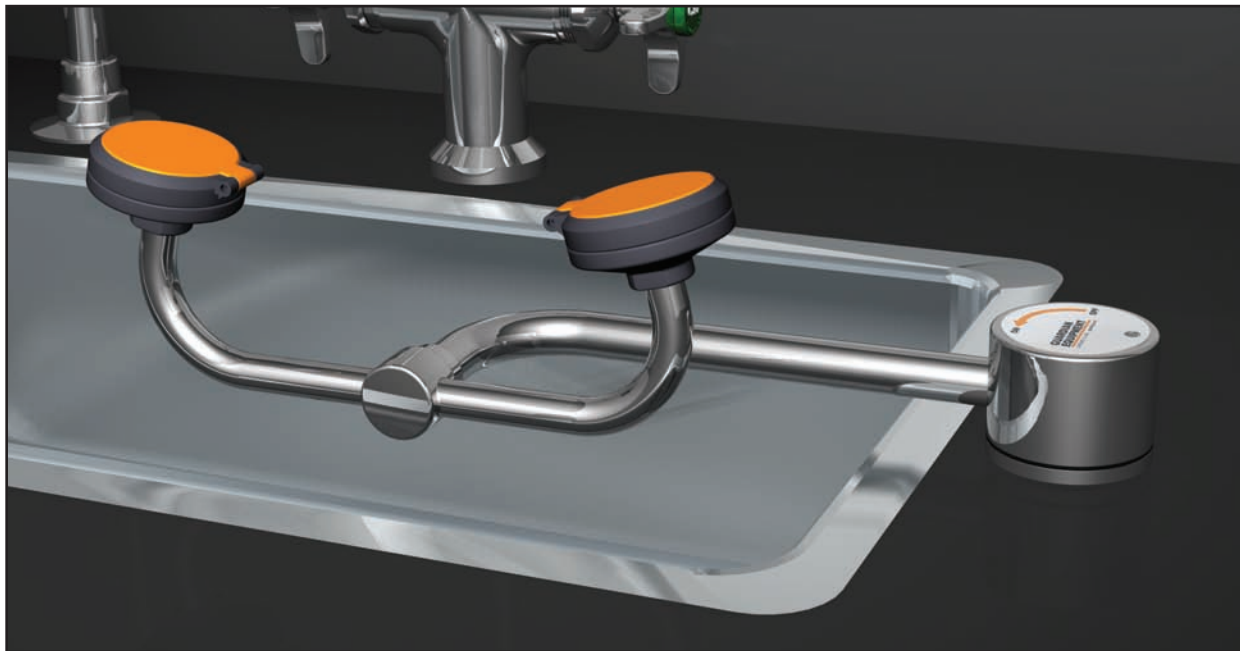
Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye/face washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

- ☐ **G1774** Eye/Face Wash, Deck Mounted Auto-Flow™ 90° Swivel, Right Hand Mounting
- ☐ **G1774LH** Eye/Face Wash, Deck Mounted Auto-Flow™ 90° Swivel, Left Hand Mounting



Application: AutoFlow™ eye/face wash for mounting on counter next to sink. Swinging the spray head assembly 90 degrees horizontally out over sink activates the water flow. The unit remains in operation until the spray head assembly is swung back into the storage position, closing the valve.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2” IPS plug-type valve with Teflon® coated O-ring seals. Swinging head assembly from storage to operational position opens orifice and activates water flow. Unit remains in operation until head assembly is returned to storage position.

Strainer: Unit is furnished with in-line strainer to protect valve and spray heads from debris in water line.

Mounting: Unit may be mounted on right side (G1774) or left side (G1774LH) of sink. Furnished with mounting shank, positioning lugs, locknut and washer for securing unit to counter.

Construction: Polished chrome plated brass.

Supply: 1/2” NPT female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

G1775

Eye/Face Washes

- ☐ **G1775** Eye/Face Wash, Deck Mounted 90° Swivel, Right Hand Mounting
- ☐ **G1775LH** Eye/Face Wash, Deck Mounted 90° Swivel, Left Hand Mounting



Application: Eye/face wash for mounting on counter next to sink. Spray heads swivel 90 degrees from storage to operational position. Water flow is activated by flag handle.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Mounting: Unit may be mounted on right side (G1775) or left side (G1775LH) of sink. Furnished with locknut and washer for securing unit to countertop. Provide 7/8" diameter hole in counter.

Construction: Polished chrome plated brass.

Supply: 1/2" NPT male inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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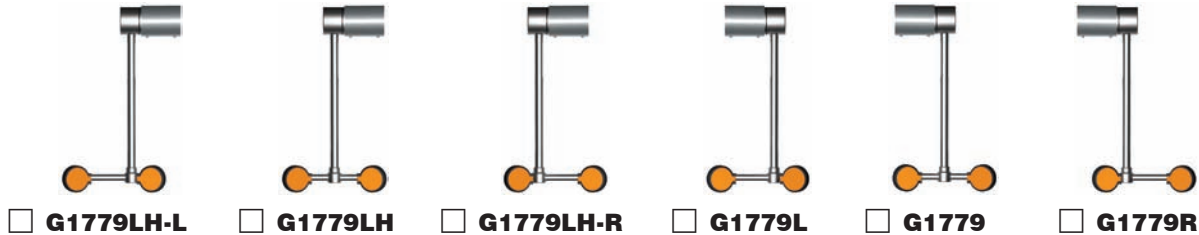
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G1779

Eye/Face Washes

☐ **G1779** Eye/Face Wash, Deck Mounted AutoFlow™ 90° Swing-Down

☐ **G1778** Eye/Face Wash, Wall Mounted AutoFlow™ 90° Swing-Down



Units are shown in plan view.



Model G1779LH-L Shown

Application: AutoFlow™ eye/face wash for mounting on counter. Spray heads swing down from storage to operational position, activating water flow. Available in a variety of spray head configurations to minimize obstructions at a sink. *Note: If unit is not installed at a sink, floor drain should be provided underneath unit to prevent accumulation of water on floor.*

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS plug-type valve with Teflon® coated O-ring seals. Swinging head assembly down from storage to operational position opens orifice and activates water flow. Unit remains in operation until spray head assembly is returned to storage position.

Strainer: Unit is furnished with in-line strainer to protect valve and spray heads from debris in water line.

Mounting: Valve is installed in Type 316 stainless steel housing. Unit mounts on countertop behind sink. Furnished with mounting hardware for securing unit to counter.

Construction: Polished chrome plated brass.

Supply: 1/2" NPT male inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

☐ **G1781** Eye/Face Wash, Wall Mounted, All-Stainless Steel



Application: Eye/face wash for wall mounting. Constructed entirely in stainless steel. Ideal for use in highly corrosive environments and clean room applications. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2” IPS stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals.

Bowl: 11 1/2” diameter stainless steel.

Mounting: Heavy duty stainless steel wall bracket.

Supply: 1/2” NPT female inlet.

Waste: 1 1/4” NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2” IPS waste connection.
- ☐ **TP** 1 1/2” OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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☐ **G1784** Eye/Face Wash, Pedestal Mounted, All-Stainless Steel

Application: Free standing, pedestal mounted eye/face wash. Constructed entirely in stainless steel. Ideal for use in highly corrosive environments and clean room applications. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals.

Bowl: 11 1/2" diameter stainless steel.

Pipe and Fittings: Schedule 40 stainless steel. Furnished with orange polyethylene covers on vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

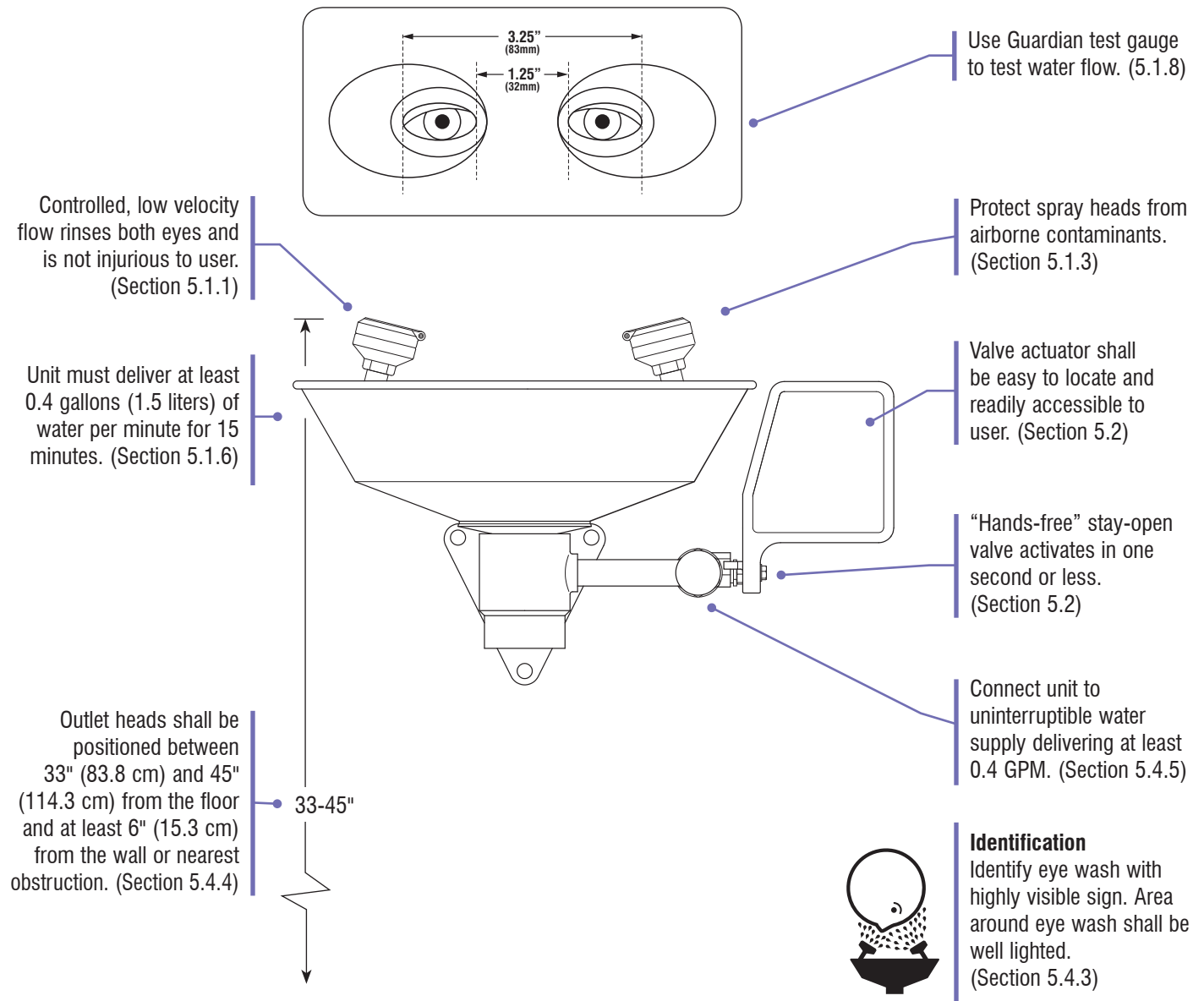
- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HFC** Hand and foot control. Eye/face wash is activated by flag handle or foot treadle.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



Eye Washes: ANSI Guidelines

This checklist is a summary of the provisions of ANSI Z358.1-2004 relating to emergency eye washes. Please refer to the standard for a complete listing of these provisions.

All Guardian eye wash units (except units with self-closing valves) are third-party certified to meet or exceed the provisions of ANSI Z358.1-2004.



Location

Install eye wash unit within 10 seconds of hazard, on the same level as hazard and with unobstructed travel path. (Section 5.4.2)

Water Temperature

Water delivered by eye wash shall be tepid (lukewarm). (Section 5.4.6)

Training

Instruct all employees in the location and proper use of eye washes. (Section 5.5.4)

Maintenance/Inspection

Activate eye wash at least weekly. (Section 5.5.2) Inspect annually for compliance with standard. (Section 5.5.5)



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☐ **G1814** Eye Wash, Wall Mounted, Stainless Steel Bowl



Application: Eye wash for wall mounting. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2” IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2” diameter stainless steel.

Mounting: Heavy duty cast aluminum wall bracket with corrosion resistant powder coated finish.

Supply: 1/2” NPT female inlet.

Waste: 1 1/4” NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2” IPS waste connection.
- ☐ **TP** 1 1/2” OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

☐ **G1814BC** Eye Wash, Wall Mounted, Stainless Steel Bowl and Cover



Application: Eye wash for wall mounting. Unit has stainless steel cover to protect bowl from dust, dirt and other contaminants. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has an internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" stainless steel with bowl cover. Cover is raised automatically when flag handle is activated. Cover closes when handle is returned to closed position.

Mounting: Heavy duty cast aluminum wall bracket with powder coated finish.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TP** 1 1/2" OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



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☐ **G1814P** Eye Wash, Wall Mounted, Plastic Bowl



Application: Eye wash for wall mounting. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2” IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2” diameter orange ABS plastic.

Mounting: Heavy duty cast aluminum wall bracket with corrosion resistant powder coated finish.

Supply: 1/2” NPT female inlet.

Waste: 1 1/4” NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **GRN** Green ABS plastic bowl.
- ☐ **YEL** Yellow ABS plastic bowl.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2” IPS waste connection.
- ☐ **TP** 1 1/2” OD Chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

- ☐ **G1825** Eye Wash, Pedestal Mounted, Stainless Steel Bowl
- ☐ **G1825P** Eye Wash, Pedestal Mounted, Plastic Bowl

Application: Free standing, pedestal mounted eye wash. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" diameter. Bowl is stainless steel (G1825) or orange ABS plastic (G1825P).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover (G1825 only). Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HFC** Hand and foot control. Eye wash is activated by flag handle or foot treadle.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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☐ **G1825BC** Eye Wash, Pedestal Mounted, Stainless Steel Bowl and Cover

Application: Free standing, pedestal mounted eye wash. Unit has stainless steel cover to protect bowl from dust, dirt and other contaminants. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has an internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" stainless steel with bowl cover. Cover is raised automatically when flag handle is activated. Cover closes when handle is returned to closed position.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **HFC** Hand and foot control. Eye wash is activated by flag handle or foot treadle.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



- ☐ **G1825HFC** Eye Wash, Pedestal Mounted, Hand and Foot Control, Stainless Steel Bowl
- ☐ **G1825P-HFC** Eye Wash, Pedestal Mounted, Hand and Foot Control, Plastic Bowl

Application: Free standing, pedestal mounted eye wash. Water flow is activated by either flag handle or foot treadle. Two GS-Plus™ spray heads deliver flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve is activated by flag handle or foot treadle. Unit remains in operation until handle is returned to closed position.

Bowl: 11 1/2" diameter. Bowl is stainless steel (G1825HFC) or orange ABS plastic (G1825P-HFC).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

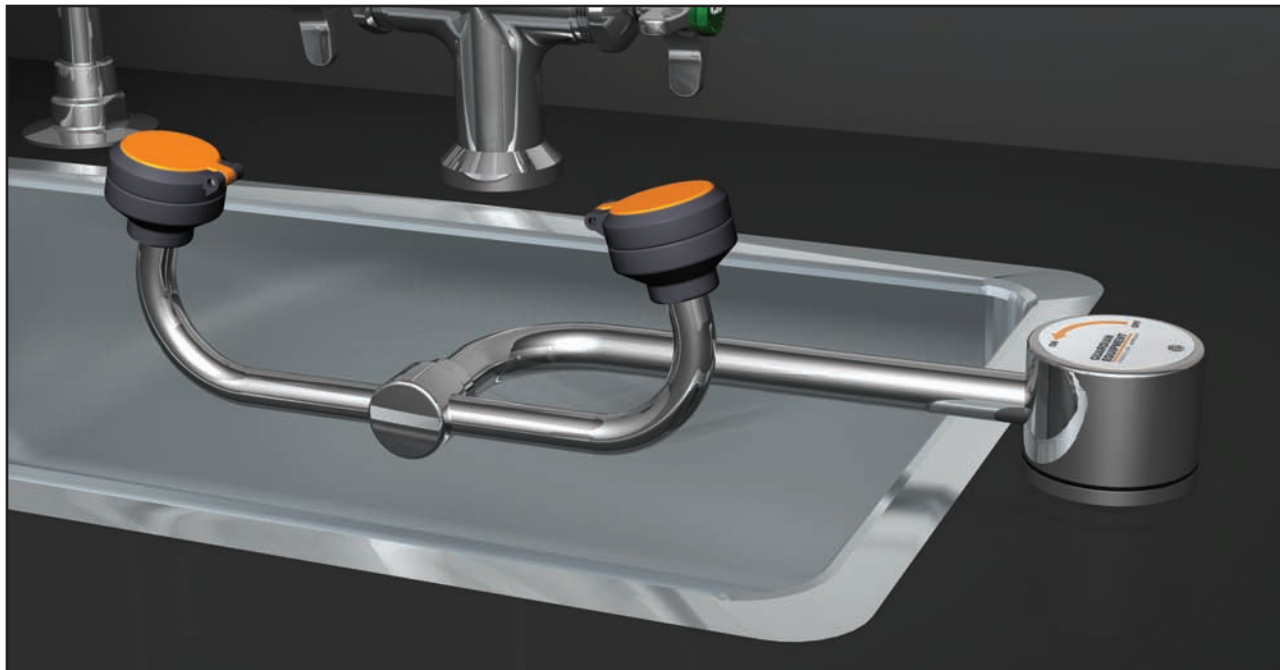
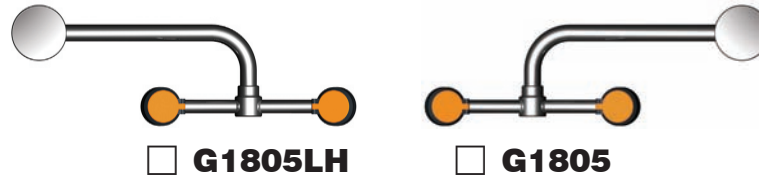
Available Options

- ☐ **BC** Stainless steel bowl cover (G1825HFC only). Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **SC** Self-closing ball valve.
Note: Eye washes with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



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- ☐ **G1805** Eye Wash, Deck Mounted AutoFlow™ 90° Swivel, Right Hand Mounting
- ☐ **G1805LH** Eye Wash, Deck Mounted AutoFlow™ 90° Swivel, Left Hand Mounting



Application: AutoFlow™ eye wash for mounting next to sink. Swinging the spray head assembly horizontally out over the sink activates the water flow. The unit remains in operation until the spray head assembly is swung back into the storage position, closing the valve.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS plug-type valve with Teflon® coated O-ring seals. Swinging head assembly from storage to operational position opens on force and activates water flow. Unit remains in operation until head assembly is returned to storage position.

Strainer: Unit is furnished with in-line strainer to protect valve and spray heads from debris in water line.

Mounting: Unit may be mounted on right side (G1805) or left side (G1805LH) of sink. Furnished with mounting shank, positioning lugs, locknut and washer for securing unit to counter.

Construction: Polished chrome plated brass.

Supply: 1/2" NPT female inlet.

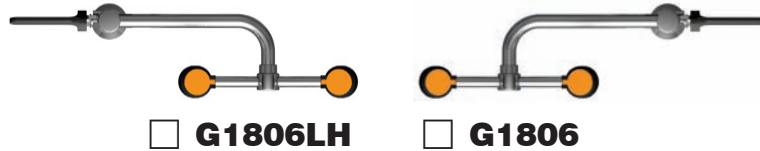
Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

- ☐ **G1806** Eye Wash, Deck Mounted, 90° Swivel, Right Hand Mounting
- ☐ **G1806LH** Eye Wash, Deck Mounted, 90° Swivel, Left Hand Mounting



Application: Eye wash for mounting on counter next to sink. Spray heads swivel 90 degrees from storage to operational position. Water flow is activated by flag handle.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2” IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Mounting: Unit may be mounted on right side (G1806) or left side (G1806LH) of sink. Furnished with locknut and washer for securing unit to countertop.

Construction: Polished chrome plated brass.

Supply: 1/2” NPT male inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

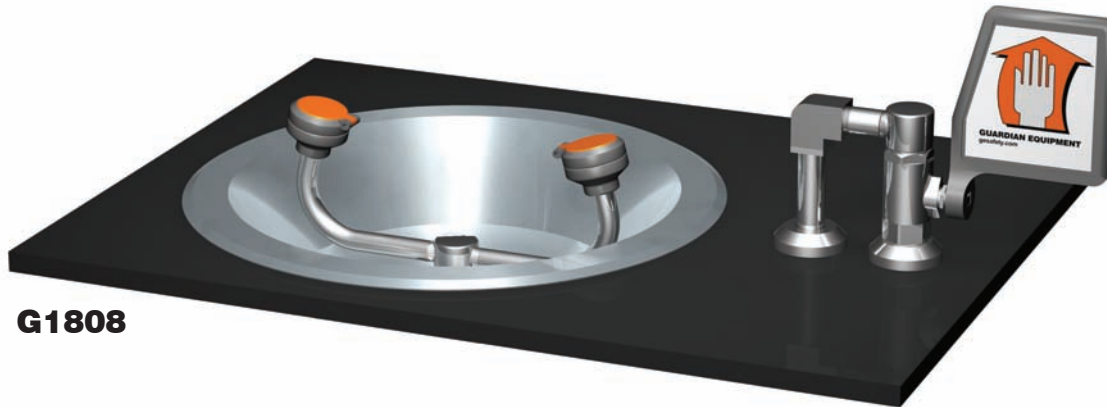


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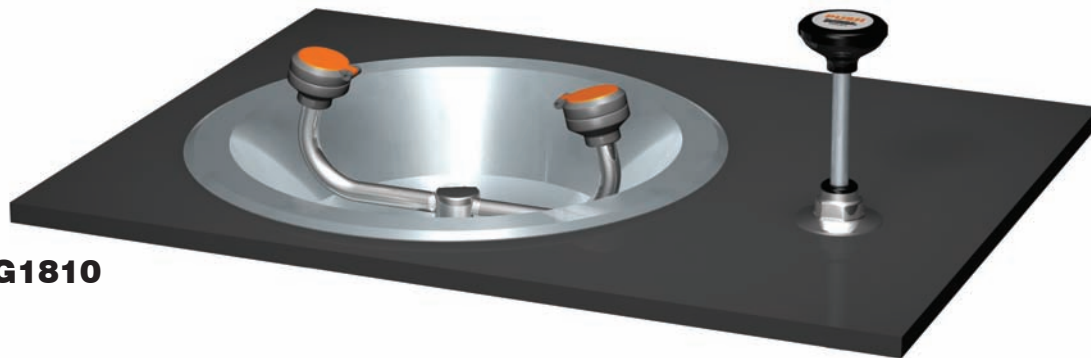
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- ☐ **G1808** Eye Wash, Recess Deck Mounted, Ball Valve with Flag Handle
- ☐ **G1810** Eye Wash, Recess Deck Mounted, Push-Down Valve



G1808



G1810

Application: Eye wash for recessed mounting in countertop. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2” IPS brass stay-open ball valve. G1808 has valve mounted above counter and activated by flag handle. G1810 has valve mounted below counter and activated by push-down knob.

Bowl: 13” diameter flanged stainless steel bowl for recessed mounting in countertop. Furnished with all hardware necessary for installation in counter.

Valve Supply: 1/2” NPT male inlet.

Waste: 1 1/4” NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

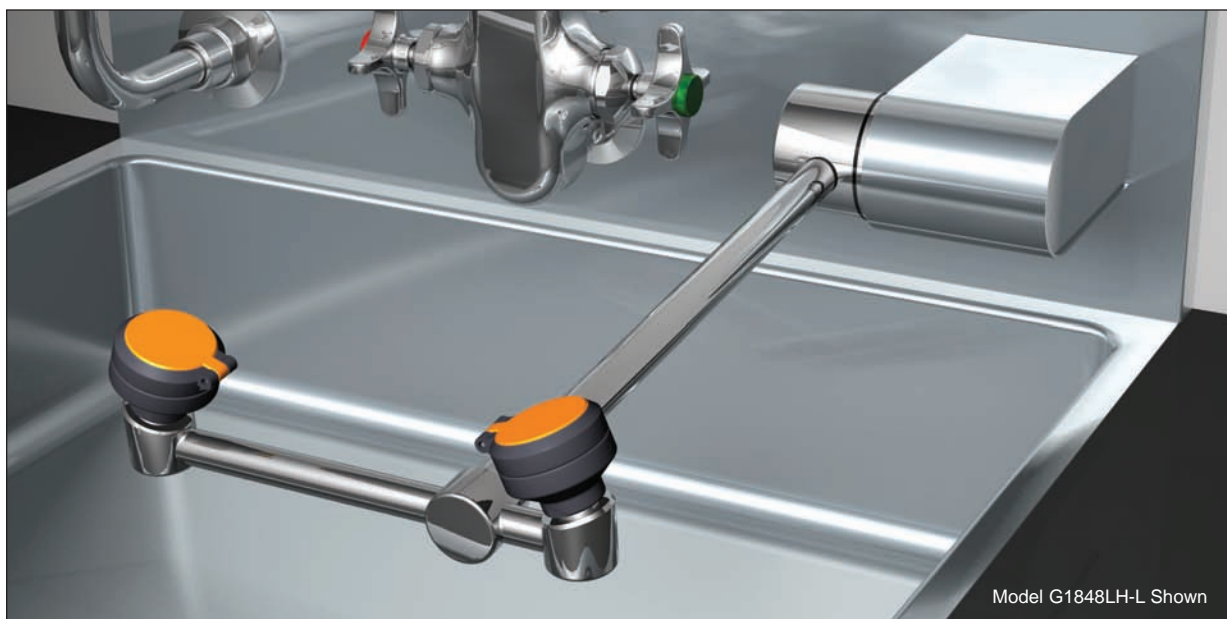
Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2” IPS waste connection.
- ☐ **TP** 1 1/2” OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

☐ **G1848** Eye Wash, Wall Mounted, AutoFlow™ 90° Swing-Down



Units are shown in plan view.



Application: AutoFlow™ eye wash for mounting on wall. Spray heads swing down from storage to operational position, activating water flow. Available in a variety of spray head configurations to minimize obstructions at a sink. *Note: If unit is not installed at a sink, floor drain should be provided underneath unit to prevent accumulation of water on floor.*

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS plug-type valve with Teflon® coated O-ring seals. Swinging head assembly from storage to operational position opens orifice and activates water flow. Unit remains in operation until head assembly is returned to storage position.

Strainer: Unit is furnished with in-line strainer to protect valve and spray heads from debris in water line.

Mounting: Valve is installed in Type 316 stainless steel

housing. Mount housing on wall using anchors or other mounting hardware.

Construction: Polished chrome plated brass.

Supply: 1/2" NPT female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

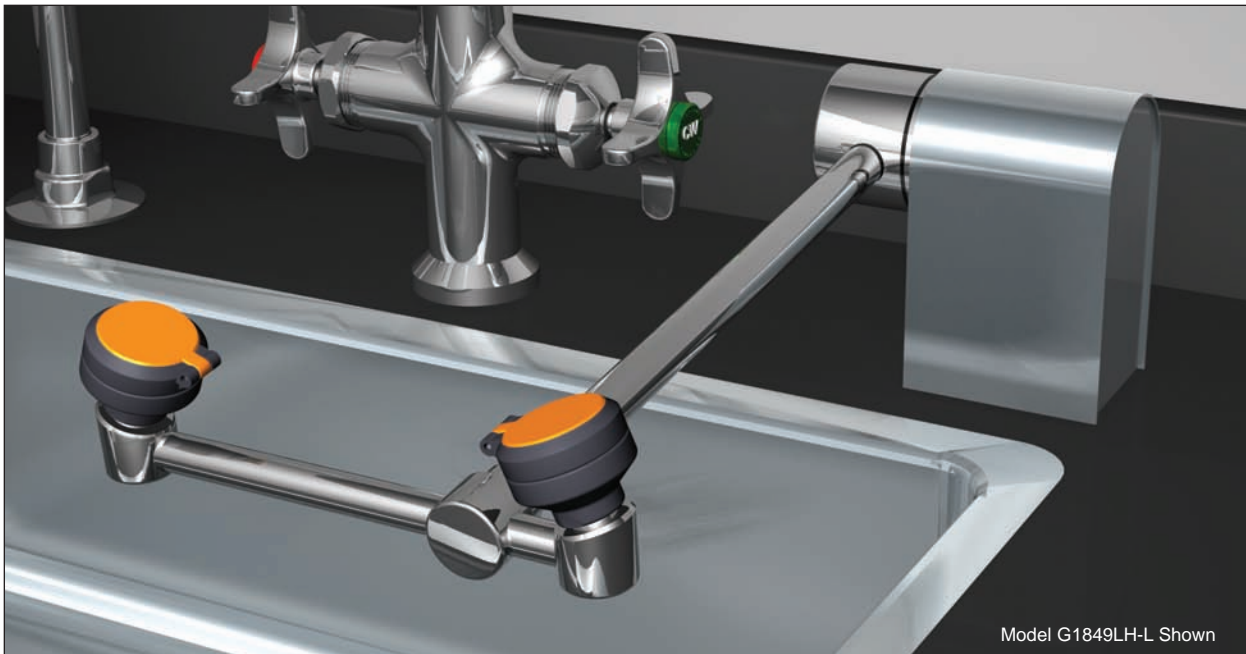


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☐ **G1849** Eye Wash, Deck Mounted, AutoFlow™ 90° Swing-Down



Units are shown in plan view.



Application: AutoFlow™ eye wash for mounting on counter. Spray heads swing down from storage to operational position, activating water flow. Available in a variety of spray head configurations to minimize obstructions at a sink. *Note: If unit is not installed at a sink, floor drain should be provided underneath unit to prevent accumulation of water on floor.*

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS plug-type valve with Teflon® coated O-ring seals. Swinging head assembly down from storage to operational position opens orifice and activates water flow. Unit remains in operation until spray head assembly is returned to storage position.

Strainer: Unit is furnished with in-line strainer to protect valve and spray heads from debris in water line.

Mounting: Valve is installed in Type 316 stainless steel housing. Unit mounts on countertop behind sink. Furnished with mounting hardware for securing unit to counter.

Construction: Polished chrome plated brass.

Supply: 1/2" NPT male inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.

☐ **G1891** Eye Wash, Wall Mounted, All-Stainless Steel



Application: Eye wash for wall mounting. Constructed entirely in stainless steel. Ideal for use in highly corrosive environments and clean room applications. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals.

Bowl: 11 1/2" diameter stainless steel.

Mounting: Heavy duty stainless steel wall bracket.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TP** 1 1/2" OD chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



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☐ **G1894** Eye Wash, Pedestal Mounted, All-Stainless Steel

Application: Free standing, pedestal mounted eye wash. Constructed entirely in stainless steel. Ideal for use in highly corrosive environments and clean room applications. Two GS-Plus™ spray-type spray heads deliver a flood of water for rinsing eyes.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals.

Bowl: 11 1/2" diameter stainless steel.

Pipe and Fittings: Schedule 40 stainless steel. Furnished with orange polyethylene covers for vertical piping for high visibility.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve, bowl and spray head assembly is factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HFC** Hand and foot control. Eye wash is activated by flag handle or foot treadle.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



Eye Wash/Drench Hose Units: ANSI Guidelines

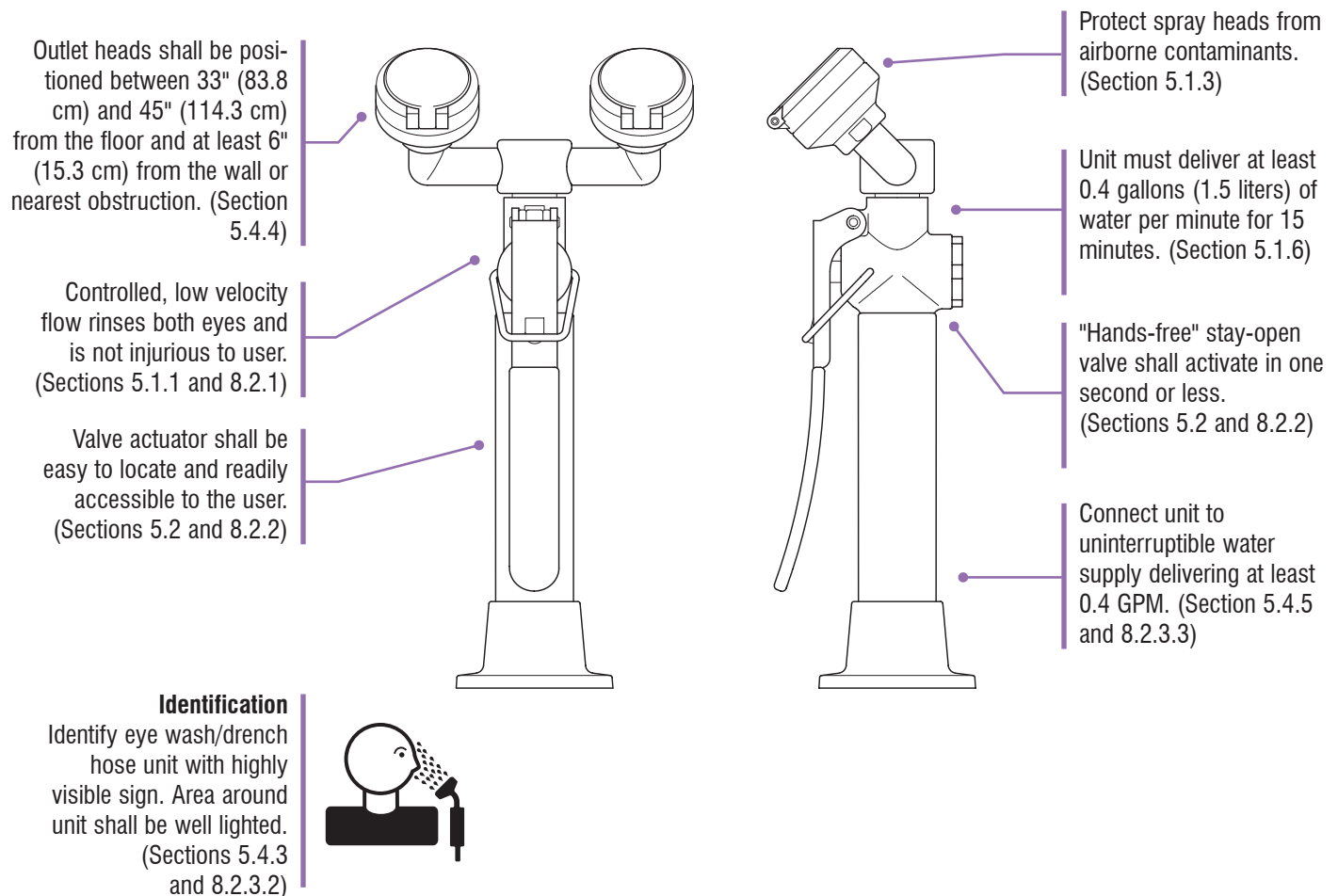
ANSI Standard Z358.1-2004 states that drench hose units may supplement, but may not be used in place of, dedicated eye wash units. Guardian offers a series of units that meet the provisions for *both* an eye wash *and* a drench hose. These dual purpose units can be used to combine an eye wash and a drench hose into a single versatile, economic unit.

To use the unit as a fixed eye wash, simply leave the unit in the holder. The dual spray heads will deliver water to both eyes simultaneously. To function as a drench hose, remove the unit from the holder and rinse any part of the eyes, face or body.

These units are particularly useful in areas such as laboratories where workers are handling relatively small quantities of injurious materials. However, should a spill occur, it might affect any part of the worker's eyes, face or body. Eye wash/drench hose units offer a degree of versatility not found with other types of emergency equipment.

This checklist summarizes the provisions of ANSI Z358.1-2004 for *both* eye washes *and* drench hoses. Please refer to the standard for a complete listing of these provisions.

All Guardian eye wash/drench hose units are third-party certified to meet or exceed the provisions of ANSI Z358.1-2004.



Location

Install eye wash/drench hose unit within 10 seconds of hazard, on same level as hazard and with unobstructed travel path. (Section 5.4.4)

Water Temperature

Water delivered by eye wash/drench hose units shall be tepid (lukewarm). (Sections 5.4.6 and 8.2.3.4)

Training

Instruct all employees in the location and proper use of eye wash/drench hose units. (Sections 5.5.4 and 8.2.4.3)

Maintenance/Inspection

Activate eye wash/drench hose units at least weekly. (Sections 5.5.2 and 8.2.4.2) Inspect annually for compliance with standard. (Section 5.5.5)



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- ☐ **G5022** Eye Wash/Drench Hose Unit, Deck Mounted
- ☐ **G5022BP** Eye Wash/Drench Hose Unit, Deck Mounted, with Backflow Preventer

Application: Dual purpose eye wash/drench hose for deck mounting. *Unit meets the provisions of ANSI Z358.1 - 2004 as both an eye wash and a drench hose.* Unit may be left in the deck flange for use as a fixed eye wash, leaving user's hands free. Alternatively, unit may be removed for use as a drench hose to rinse any part of user's eyes, face or body.

Spray Head Assembly: Two GS-Plus™ spray heads mounted side-by-side. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve has replaceable stainless steel seat for exceptional durability. Locking clip engages when handle is depressed, providing "hands free" operation. Valve stays open until locking clip is released.

Hose: 8' reinforced PVC hose. 300 PSI maximum working pressure.

Mounting: Deck flange for countertop mounting. Flange has handle locator guide to position spray heads and handle facing forward at all times.

Backflow Preventer: In-line dual check backflow preventer installed on inlet of hose (G5022BP only). *Note: Check with code authority for compliance with local plumbing code.*

Supply: 3/8" NPT male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **FSH** 8 ft. flexible stainless steel hose in place of PVC hose.
- ☐ **HG** Undercounter hose guide bracket to prevent hose from tangling or binding.
- ☐ **VB** In-line vacuum breaker for installation between valve and spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1 - 2004. Refer to "Tempering Units" section for complete technical and product selection information.



- ☐ **G5026** Eye Wash/Drench Hose Unit, Wall Mounted
- ☐ **G5026BP** Eye Wash/Drench Hose Unit, Wall Mounted, with Backflow Preventer

Application: Dual purpose eye wash/drench hose for wall mounting. Unit meets the provisions of ANSI Z358.1 - 2004 as both an eye wash and a drench hose. Unit may be left in the mounting bracket for use as a fixed eye wash, leaving user's hands free. Alternatively, unit may be removed for use as a drench hose to rinse any part of user's eyes, face or body.

Spray Head Assembly: Two GS-Plus™ spray heads mounted side-by-side. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve has replaceable stainless steel seat for exceptional durability. Locking clip engages when handle is depressed, providing "hands free" operation. Valve stays open until locking clip is released.

Hose: 8' reinforced PVC hose. 300 PSI maximum working pressure.

Mounting: Bracket with spring clips to hold unit on wall. Clips position spray heads and handle to face forward at all times.

Backflow Preventer: In-line dual check backflow preventer installed on inlet of hose (G5026BP only).
Note: Check with code authority for compliance with local plumbing code.

Supply: 3/8" NPT male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **FSH** 8 ft. flexible stainless steel hose in place of PVC hose.
- ☐ **VB** In-line vacuum breaker for installation between valve and spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1 - 2004. Refer to "Tempering Units" section for complete technical and product selection information.



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G5014

Eye Wash/Drench Hose Units

- ☐ **G5014** Eye Wash/Drench Hose Unit, Wall Mounted
- ☐ **G5014BP** Eye Wash/Drench Hose Unit, Wall Mounted, with Backflow Preventer



Application: Dual purpose eye wash/drench hose for wall mounting. *Unit meets the provisions of ANSI Z358.1 - 2004 as both an eye wash and a drench hose.* Unit may be left in the mounting bracket for use as a fixed eye wash, leaving user's hands free. Alternatively, unit may be removed for use as a drench hose to rinse any part of user's eyes, face or body.

Spray Head Assembly: Two GS-Plus™ spray heads mounted side-by-side. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals

Hose: 12' reinforced nylon retractable coiled hose. 180 PSI maximum working pressure.

Mounting: Bracket with spring clips to hold unit on wall. Clips assure that spray heads face forward at all times.

Backflow Preventer: In-line dual check backflow preventer installed on inlet of hose (G5014BP only). *Note: Check with code authority for compliance with local plumbing code.*

Supply: 3/8" NPT female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **VB** In-line vacuum breaker for installation between valve and spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1 - 2004. Refer to “Tempering Units” section for complete technical and product selection information.

G5046

Eye Wash/Drench Hose Units

- ☐ **G5046** Eye Wash/Drench Hose Unit, Wall Mounted
- ☐ **G5046BP** Eye Wash/Drench Hose Unit, Wall Mounted, with Backflow Preventer



Application: Dual purpose eye wash/drench hose for wall mounting. *Unit meets the provisions of ANSI Z358.1 - 2004 as both an eye wash and a drench hose.* Unit may be left in the mounting bracket for use as a fixed eye wash, leaving user's hands free. Alternatively, unit may be removed for use as a drench hose to rinse any part of user's eyes, face or body.

Spray Head Assembly: Two GS-Plus™ spray heads mounted side-by-side. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve has replaceable stainless steel seat for exceptional durability. Locking clip engages when handle is depressed, providing “hands free” operation. Valve stays open until locking clip is released.

Hose: 12' reinforced nylon retractable coiled hose. 180 PSI maximum rated working pressure.

Mounting: Bracket with spring clips to hold unit on wall. Clips position spray heads and handle to face forward at all times.

Backflow Preventer: In-line dual check backflow preventer installed on inlet of hose (G5046BP only). *Note: Check with code authority for compliance with local plumbing code.*

Supply: 3/8" NPT female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **VB** In-line vacuum breaker for installation between valve and spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1 - 2004. Refer to “Tempering Units” section for complete technical and product selection information.



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Drench Hose Units: ANSI Guidelines

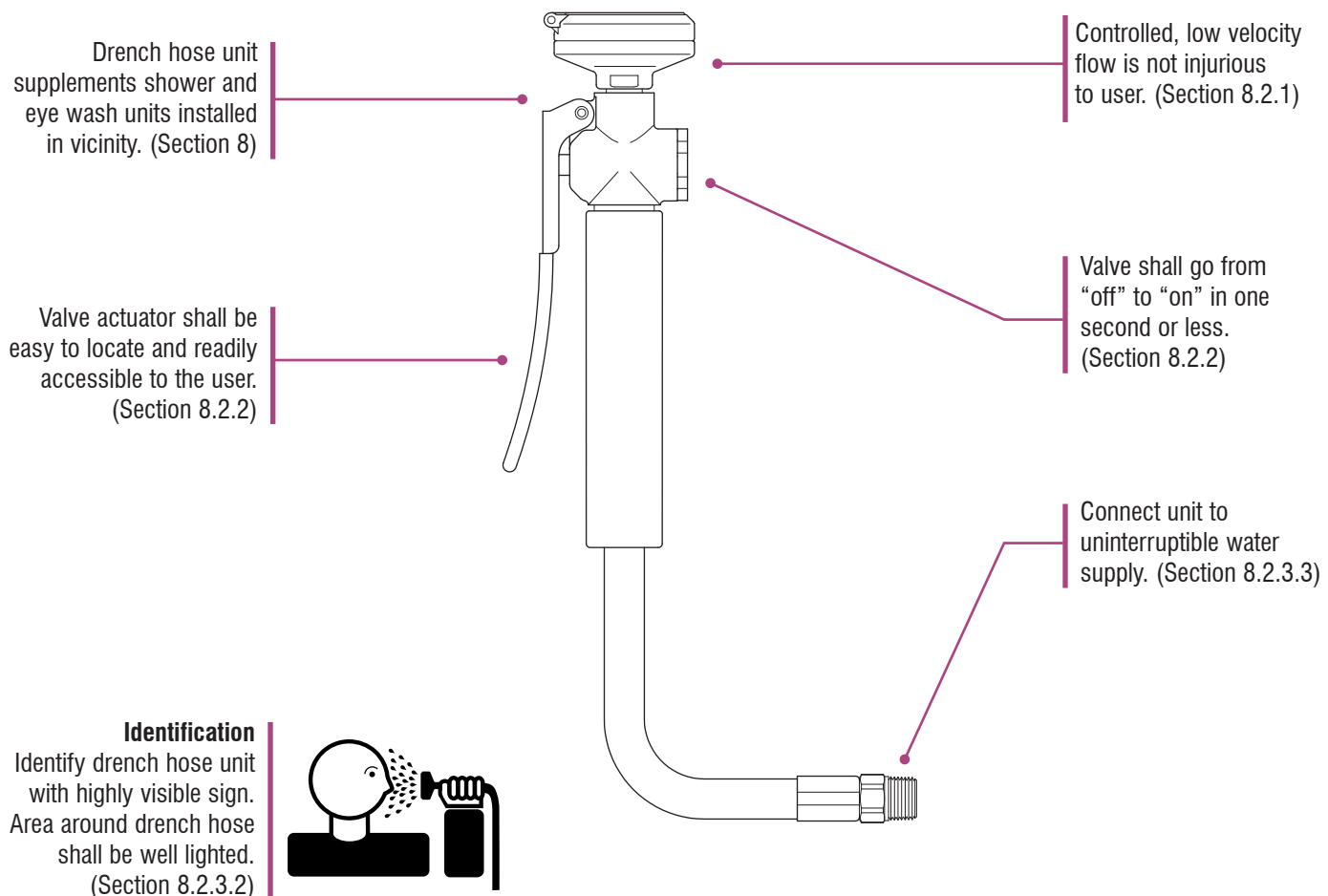
Under ANSI Z358.1-2004, drench hose units support plumbed and self-contained emergency eye wash and shower stations, but cannot replace them. In other words, drench hoses are intended solely as supplemental units providing additional protection to personnel.

Drench hoses are useful in cases where the user is in a prone position or where it is necessary to reach areas of the face and body inaccessible to the fixed stream of a shower or eye wash unit. They

are also advantageous in areas (such as laboratories) where they can be installed close to where accidents might occur.

This checklist summarizes the provisions of ANSI Z358.1-2004 relating to drench hoses. Please refer to the standard for a complete listing of these provisions.

All Guardian drench hose units are third-party certified to meet or exceed the provisions of ANSI Z358.1-2004.



Location

Install drench hose unit in area free of debris or obstructions. (Section 8.2.3.2)

Water Temperature

Water delivered by drench hose shall be tepid (lukewarm). (Section 8.2.3.4)

Training

Instruct all employees in the location and proper use of drench hoses. (Section 8.2.4.3)

Maintenance/Inspection

Activate drench hoses at least weekly. (Section 8.2.4.2)

- ☐ **G5020** Drench Hose Unit, Deck Mounted
- ☐ **G5020BP** Drench Hose Unit, Deck Mounted, with Backflow Preventer

Application: Drench hose unit for deck mounting. Ideal for rinsing any part of user's eye, face or body. *Note: Under ANSI Z358.1 - 2004, drench hose units supplement, but do not replace, other types of emergency equipment.*

Spray Head: Single FS-Plus™ spray head. Spray head has “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve has replaceable stainless steel seat for exceptional durability. Valve closes when lever handle is released.

Hose: 8' reinforced PVC hose. 300 PSI maximum working pressure.

Mounting: Deck flange for countertop mounting. Flange has handle locator guide to position handle to face forward at all times.

Backflow Preventer: In-line dual check backflow preventer installed on inlet of hose (G5020BP only). *Note: Check with code authority for compliance with local plumbing code.*

Supply: 3/8" NPT male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options:

- ☐ **DC** Stainless steel dust cover for spray head.
- ☐ **FSH** 8 ft. flexible stainless steel hose in place of PVC hose.
- ☐ **HG** Undercounter hose guide bracket to prevent hose from tangling or binding.
- ☐ **LC** Locking clip for valve handle. Valve stays open until locking clip is released.
- ☐ **VB** In-line vacuum breaker for installation between valve and spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



- ☐ **G5025** Drench Hose Unit, Wall Mounted
- ☐ **G5025BP** Drench Hose Unit, Wall Mounted, with Backflow Preventer

Application: Drench hose unit for wall mounting. Ideal for rinsing any part of user's eye, face or body.
Note: Under ANSI Z358.1 - 2004, drench hose units supplement, but do not replace, other types of emergency equipment.

Spray Head: Single FS-Plus™ spray head. Spray head has “flip top” dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: Forged brass squeeze valve activated by stainless steel lever handle. Valve has replaceable stainless steel seat for exceptional durability. Valve closes when lever handle is released.

Hose: 8' reinforced PVC hose. 300 PSI maximum working pressure.

Mounting: Wall mounted hook holds unit on wall.

Backflow Preventer: In-line dual check backflow preventer installed on inlet of hose (G5025BP only).
Note: Check with code authority for compliance with local plumbing code.

Supply: 3/8" NPT male swivel-type inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

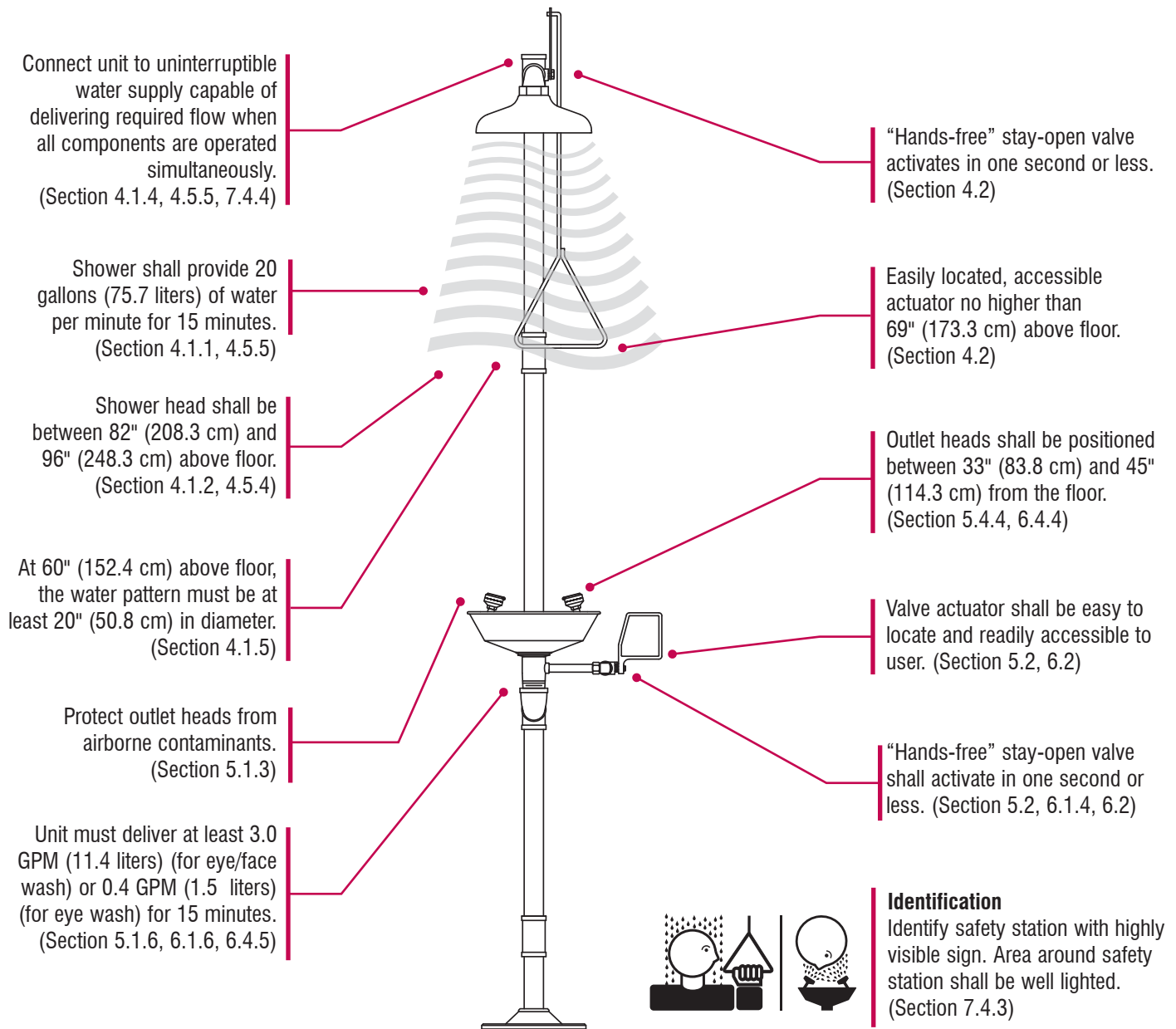
- ☐ **DC** Stainless steel dust cover for spray head.
- ☐ **FSH** 8 ft. flexible stainless steel hose in place of PVC hose.
- ☐ **LC** Locking clip for valve handle. Valve stays open until locking clip is released.
- ☐ **VB** In-line vacuum breaker for installation between valve and spray head.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to “Tempering Units” section for complete technical and product selection information.



Safety Stations: ANSI Guidelines

This checklist is a summary of the provisions of ANSI Z358.1-2004 relating to eye or eye/face wash and shower combination stations. Please refer to the standard for a complete listing of these provisions.

All Guardian safety stations (except units with self-closing valves) are third-party certified to meet or exceed the provisions of ANSI Z358.1-2004.



Location

Install safety station within 10 seconds of hazard, on the same level as hazard and with unobstructed travel path. (Section 7.4.2)

Water Temperature

Water delivered by safety station shall be tepid (lukewarm). (Section 7.4.5)

Training

Instruct all employees in the location and proper use of safety station. (Section 7.5.4)

Maintenance/Inspection

Activate safety station at least weekly. (Section 7.5.2)
Inspect annually for compliance with standard. (Section 7.5.5)



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- ☐ **G1909** Safety Station with WideArea™ Eye/Face Wash, Stainless Steel Bowl
- ☐ **G1909HFC** Safety Station with WideArea™ Eye/Face Wash, Hand and Foot Control

Application: Combination WideArea™ eye/face wash and shower safety station. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eye/Face Wash Bowl: 11 1/2" diameter stainless steel.

Eye/Face Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve is activated by flag handle (G1909) or by both flag handle and foot treadle (G1909HFC).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn** Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain** Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



- ☐ **G1994** Safety Station with WideArea™ Eye/Face Wash, All-Stainless Steel Construction
- ☐ **G1994HFC** Safety Station with WideArea™ Eye/Face Wash, Hand and Foot Control

Application: All-stainless steel combination WideArea™ eye/face wash and shower safety station. Stainless steel construction is ideal for highly corrosive environments and clean room applications. Four GS-Plus™ spray-type outlet heads deliver a flood of water over a wide area of coverage for complete rinsing of eyes and face.

Shower Head: 10" diameter stainless steel.

Shower Valve: 1" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eye/Face Wash Bowl: 11 1/2" diameter stainless steel.

Eye/Face Wash Valve: 1/2" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Valve is activated by flag handle (G1994) or by both flag handle and floor treadle (G1994HFC).

Pipe and Fittings: Schedule 40 Type 304 brushed stainless steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel cover for eye/face wash bowl.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



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☐ **G1950** Safety Station with Eye/Face Wash, Stainless Steel Bowl

Application: Combination eye/face wash and shower safety station. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Eye/Face Wash Bowl: 11 1/2" diameter stainless steel.

Eye/Face Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **BC** Stainless steel bowl cover. Cover protects unit against contaminants. Cover is automatically raised when unit is activated.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



☐ **G1950BC** Safety Station with Eye/Face Wash, Stainless Steel Bowl and Cover

Application: Combination eye/face wash and shower safety station. Eye/face wash has stainless steel cover to protect bowl from dust, dirt and other contaminants. Cover is raised automatically when flag handle is activated. Cover closes when handle is returned to closed position. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has an internal flow control and filter to remove impurities from water.

Eye/Face Wash Bowl: 11 1/2" diameter stainless steel with stainless steel cover.

Eye/Face Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



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G1950HFC

Safety Stations with Eye/Face Wash

- ☐ **G1950HFC** Safety Station with Eye/Face Wash, Hand and Foot Control, Stainless Steel Bowl
- ☐ **G1950P-HFC** Safety Station with Eye/Face Wash, Hand and Foot Control, Plastic Bowl

Application: Combination eye/face wash and shower safety station. Eye/face wash is activated by flag handle or foot treadle. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eye/Face Wash Bowl: 11 1/2" diameter. Bowl is stainless steel (G1950HFC) or orange ABS plastic (G1950P-HFC).

Eye/Face Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve is activated by flag handle or foot treadle. Unit remains in operation until handle is returned to closed position.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

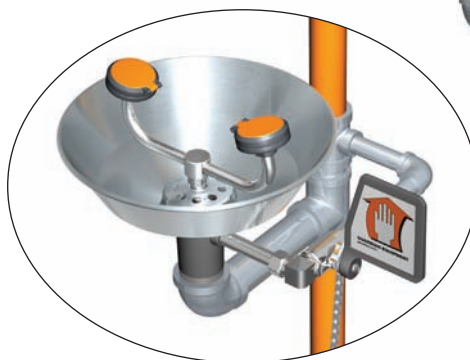
Waste: 1 1/4" NPT female outlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



☐ **G1950P** Safety Station with Eye/Face Wash, Plastic Bowl

Application: Combination eye/face wash and shower safety station. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Eye/Face Wash Bowl: 11 1/2" ABS plastic.

Eye/Face Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head and bowl.
- ☐ **YEL** Yellow ABS plastic shower head and bowl.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



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☐ **G1931** Safety Station with Eye/Face Wash, Less Bowl

Application: Combination eye/face wash and shower safety station. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face. Unit is provided without bowl or drain for waste water. *Note: Floor drain should be provided underneath unit to prevent accumulation of water on floor.*

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



☐ **G1993** Safety Station with Eye/Face Wash, All-PVC Construction

Application: All-PVC combination eye/face wash and shower safety station. Unit is constructed entirely of PVC and PVC-coated components for superior corrosion resistance. Ideal for industrial environments where harsh acids or caustics are present. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS PVC-coated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Eye/Face Wash Bowl: 11 1/2" orange ABS plastic.

Eye/Face Wash Valve: 1/2" IPS PVC-coated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 80 PVC.

Supply: 2" IPS socket weld top female inlet.

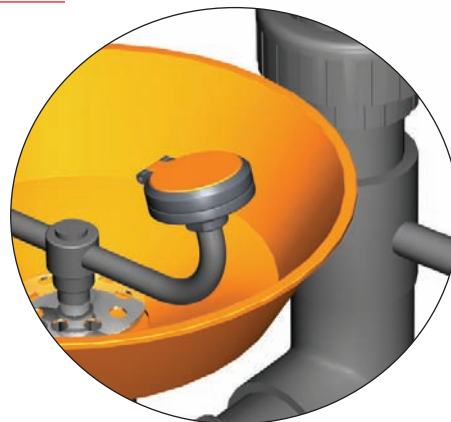
Waste: 2" IPS socket weld female outlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head and bowl.
- ☐ **YEL** Yellow ABS plastic shower head and bowl.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



☐ G1996 Safety Station with Eye/Face Wash, All-Stainless Steel Construction

Application: All-stainless steel combination eye/face wash and shower safety station. Stainless steel construction is ideal for highly corrosive environments and clean room applications. Two large FS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes and face.

Shower Head: 10" diameter stainless steel.

Shower Valve: 1" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eye/Face Wash Bowl: 11 1/2" diameter stainless steel.

Eye/Face Wash Valve: 1/2" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals.

Pipe and Fittings: Schedule 40 Type 304 brushed stainless steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

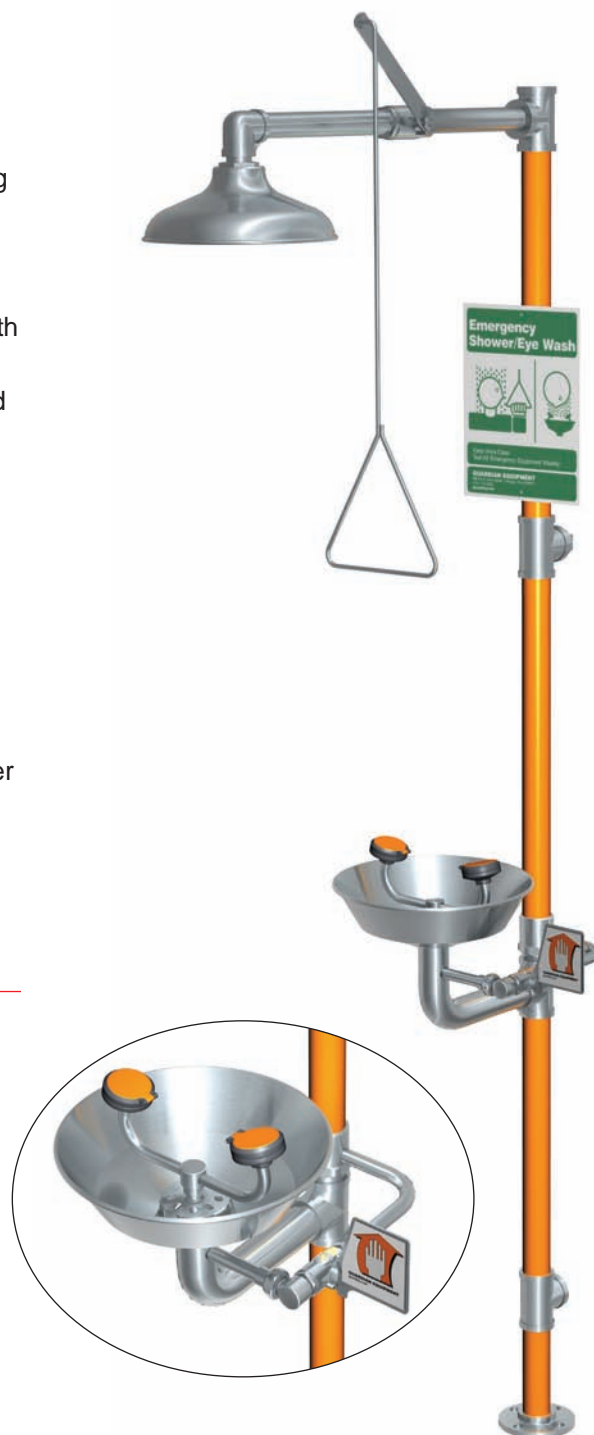
Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel cover for eye/face wash bowl.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye/face wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



☐ **G1902** Safety Station with Eye Wash, Stainless Steel Bowl

Application: Combination eye wash and shower safety station. Two GS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Eye Wash Bowl: 11 1/2" diameter stainless steel.

Eye Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

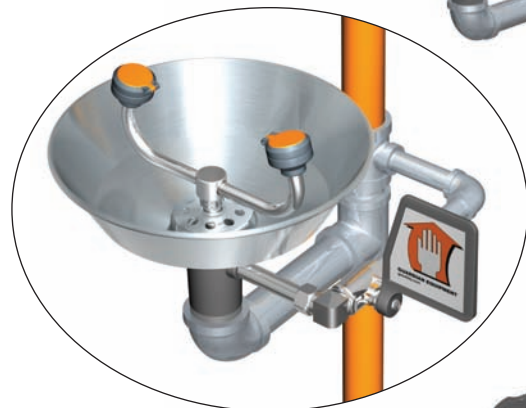
Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



☐ **G1902BC** Safety Station with Eye Wash, Stainless Steel Bowl and Cover

Application: Combination eye wash and shower safety station. Eye wash has stainless steel cover to protect bowl from dust, dirt and other contaminants. Cover is raised automatically when flag handle is activated. Cover closes when handle is returned to closed position. Two GS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has an internal flow control and filter to remove impurities from water.

Eye Wash Bowl: 11 1/2" diameter stainless steel with stainless steel cover.

Eye Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



- ☐ **G1902HFC** Safety Station with Eye Wash, Hand and Foot Control, Stainless Steel Bowl
- ☐ **G1902P-HFC** Safety Station with Eye Wash, Hand and Foot Control, Plastic Bowl

Application: Combination eye wash and shower safety station. Eye wash is activated by flag handle or foot treadle. Two GS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eye Wash Bowl: 11 1/2" diameter. Bowl is stainless steel (G1902HFC) or orange ABS plastic (G1902P-HFC).

Eye Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve is activated by flag handle or foot treadle. Unit remains in operation until handle is returned to closed position.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



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☐ **G1902P** Safety Station with Eye Wash, Plastic Bowl

Application: Combination eye wash and shower safety station. Two GS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Eye Wash Bowl: 11 1/2" diameter ABS plastic.

Eye Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head and bowl.
- ☐ **YEL** Yellow ABS plastic shower head and bowl.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



- ☐ **G1942** Safety Station with Eye Wash, Freeze and Scald Protection Valves
- ☐ **G1941** Safety Station with Eye Wash, Freeze Protection Valve
- ☐ **G1943** Safety Station with Eye Wash, Scald Protection Valve

Application: Combination eye wash and shower safety station. Unit is furnished with temperature-actuated freeze and scald protection valves. When water temperature drops below 40°F or rises above 95°F, drain valve automatically opens to allow water to circulate through unit. Unit is designed so that, when drain valve is open, there are no “dead legs” of water standing in unit. Water circulates until water temperature returns to within 40° – 95°F range.

Shower Head: 10” diameter orange ABS plastic.

Shower Valve: 1” IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29” stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a “flip top” dust cover, internal flow control and filter to remove impurities from water.

Eye Wash Bowl: 11 1/2” diameter stainless steel.

Eye Wash Valve: 1/2” IPS chrome plated brass three-way self-draining stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. After eye wash is used, valve permits water in spray head assembly to drain out.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4” NPT female top inlet.

Waste: 1 1/4” NPT female outlet. Outlet can be positioned at either 8” or 20” above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



- ☐ **G1991** Safety Station with Eye Wash, All-Stainless Steel Construction
- ☐ **G1991HFC** Safety Station with Eye Wash, All-Stainless Steel Construction, Hand and Foot Control

Application: All-stainless steel combination eye wash and shower safety station. Stainless steel construction is ideal for highly corrosive environments and clean room applications. Two GS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes.

Shower Head: 10" diameter stainless steel.

Shower Valve: 1" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eye Wash Bowl: 11 1/2" diameter stainless steel.

Eye Wash Valve: 1/2" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Eye wash is activated by flag handle (G1991) or by flag handle and foot treadle (G1991HFC).

Pipe and Fittings: Schedule 40 Type 304 brushed stainless steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top or side inlet.

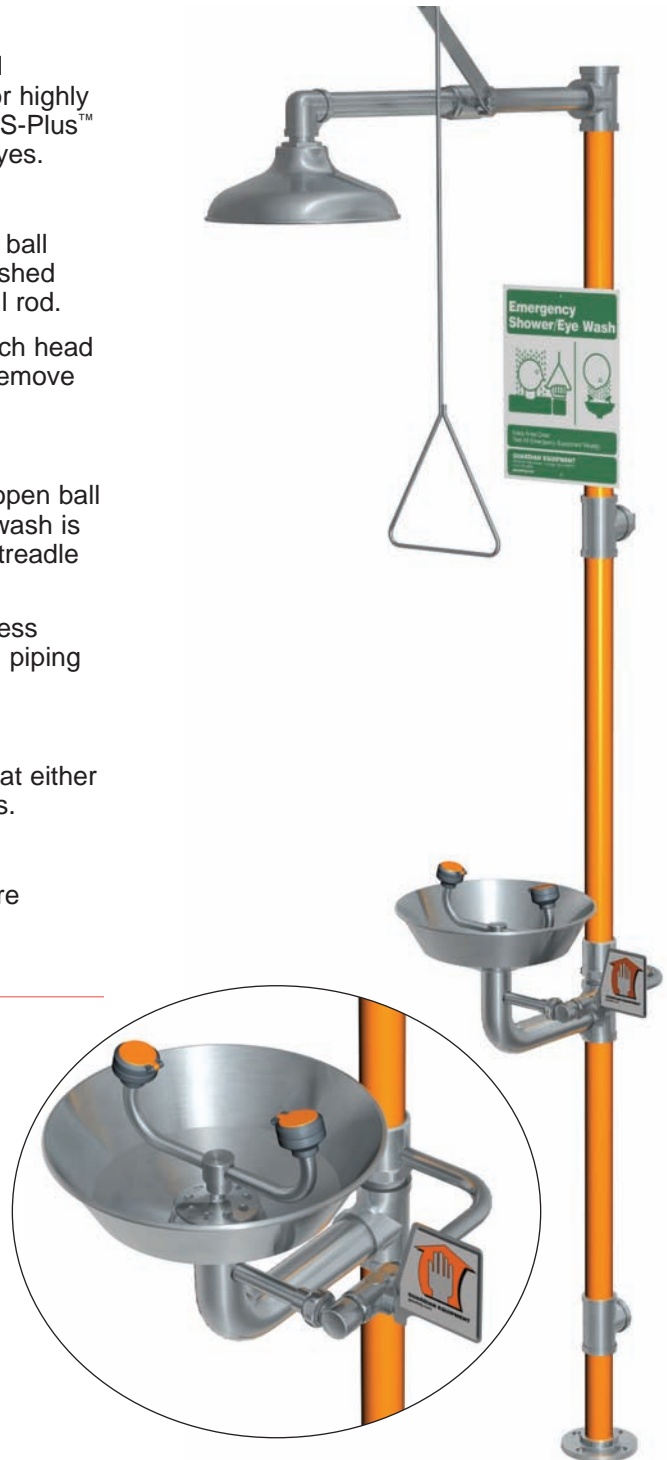
Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel cover for eye wash wash bowl.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye wash or shower is activated.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as



- ☐ **G1992** Safety Station with Eye Wash, All-PVC Construction
- ☐ **G1990** Safety Station with Eye Wash, All-PVC Construction, Stainless Steel Ball Valves

Application: All-PVC combination eye wash and shower safety station. Unit is constructed entirely of PVC and PVC-coated components for superior corrosion resistance. Ideal for industrial environments where harsh acids or caustics are present. Two GS-Plus™ spray-type outlet heads deliver a flood of water for rinsing eyes.

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1" IPS PVC-coated brass (G1992) or stainless steel (G1990) stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from water.

Eye Wash Bowl: 11 1/2" orange ABS plastic.

Eye Wash Valve: 1/2" IPS PVC-coated brass (G1992) or stainless steel (G1990) stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Pipe and Fittings: Schedule 80 PVC.

Supply: 2" IPS socket weld top female inlet.

Waste: 2" IPS socket weld female outlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head and bowl.
- ☐ **YEL** Yellow ABS plastic shower head and bowl.
- ☐ **AP275-100 Electric Light and Alarm Horn**
Light and alarm horn summon assistance when eye wash or shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



GBF1670

Recessed Laboratory Units

- ☐ **GBF1670** Recessed Emergency Shower, Ceiling Mounted Shower Head
- ☐ **GBF1671** Recessed Emergency Shower, Recess Mounted Shower Head
- ☐ **GBF1672** Recessed Emergency Shower, Wall Mounted Shower Head

Application: Recessed barrier-free emergency shower. Shower conserves valuable floor space, while eliminating the clutter and obstruction created by conventional shower equipment. Unit can be installed in either a corridor or a lab room, close to where accidents might occur.

ADA Compliance: When installed at recommended mounting heights, unit complies with ADA requirements for accessibility by handicapped persons.

Shower Head: 10" diameter stainless steel. Shower head is mounted on vertical supply nipple (GBF1670), recess mounted in finished ceiling (GBF1671) or mounted on horizontal supply nipple (GBF1672).

Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar". Pulling bar down activates shower; shower remains in operation until bar is returned to original closed position. Furnished with stainless steel access panel and 1" IPS unions for valve.

Pipe and Fittings: Exposed pipe and escutcheon are brushed stainless steel.

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

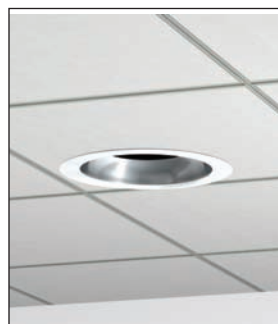
U.S. Patent 5,768,721

Available Options:

- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **AP250-065 Modesty Curtain**
Modesty curtain for wall mounting.
- ☐ **AP280-230 Electric Light and Alarm Horn** Flashing light/alarm horn unit is recess mounted in finished wall. Light is illuminated and horn sounds when shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



Note: GBF1670 shown with optional AP280-230 electric light and alarm horn unit (sold separately).



GBF1671



GBF1672



- ☐ **GBF1735** Swing-Down Eye/Face Wash, Recess Mounted
- ☐ **GBF1736** Swing-Down Eye/Face Wash, Surface Mounted

Application: Wall mounted barrier-free swing-down eye/face wash. Eye/face wash is activated by swinging arms down to horizontal position. GBF1735 is furnished with stainless steel cabinet that is recess mounted in finished wall. GBF1736 is furnished with stainless steel cabinet that is surface mounted on wall.

ADA Compliance: When installed at recommended mounting height, unit complies with ADA requirements for accessibility by handicapped persons.

Spray Head Assembly: Two FS-Plus™ spray heads mounted on supply arms. Each spray head has internal flow control and filter to remove impurities from water.

Valve: 1/2" IPS brass rotating plug-type valve. Valve is activated by swinging spray head assembly down from vertical to horizontal position. Valve remains open until head assembly is returned to vertical position. Furnished with in-line strainer to protect valve from debris and foreign matter.

Mounting: 16 gauge stainless steel cabinet. GBF1735 cabinet has flanged rim for recessed mounting in wall. Unit fits in standard 3 5/8" deep wall. GBF1736 cabinet is designed for mounting on wall surface.

Supply: 1/2" IPS female inlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **AP285-230 Electric Light and Alarm Horn**
Flashing light/alarm horn unit is recess mounted in finished wall. Light is illuminated and horn sounds when shower is activated.
- ☐ **TMV G3600** thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



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- ☐ **GBF1735DP** Swing-Down Eye/Face Wash with Drain Pan, Recessed Mounted
- ☐ **GBF1736DP** Swing-Down Eye/Face Wash with Drain Pan, Surface Mounted

Application: Wall mounted barrier-free swing-down eye/face wash with drain pan. Stainless steel cover provides attractive appearance and protects unit when not in use. When activated, cover serves as pan to collect waste water and return it into unit for drainage. GBF1735DP is furnished with stainless steel cabinet that is recess mounted in finished wall. GBF1736DP is furnished with stainless steel cabinet that is surface mounted on wall.

ADA Compliance: When installed at recommended mounting height, unit complies with ADA requirements for accessibility by handicapped persons.

Spray Head Assembly: Two FS-Plus™ spray heads mounted on supply arms. Each spray head has individually adjustable flow control and filter to remove impurities from water.

Cover/Drain Pan: 18 gauge stainless steel combination cover and drain pan. Grasping “panic bar” handle and opening cover pulls spray head assembly down from vertical to horizontal position, activating water flow. While unit is in operation, waste water is collected in drain pan and returned into cabinet for drainage. Unit remains in operation until cover is returned to closed position.

Valve: 1/2" IPS brass rotating plug-type valve. Furnished with Teflon® coated O-ring seals and in-line strainer to protect valve and spray heads from debris and foreign matter.

Mounting: 16 gauge stainless steel cabinet. GBF1735DP cabinet has flanged rim for recessed mounting in wall. Unit fits in standard 3 5/8" deep wall. GBF1736DP cabinet is designed for mounting on wall surface.

Supply: 1/2" IPS female inlet.

Waste: 2" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment

Available Options:

- ☐ **AP280-230 Electric Light and Alarm Horn** Flashing light/alarm horn unit is recess mounted in finished wall. Light is illuminated and horn sounds when shower is activated.
- ☐ **TMV G3600** thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



GBF2100

Recessed Laboratory Units

- ☐ **GBF2100** Recessed Safety Station, Ceiling Mounted Shower Head
- ☐ **GBF2110** Recessed Safety Station, Recess Mounted Shower Head
- ☐ **GBF2120** Recessed Safety Station, Wall Mounted Shower Head

Application: Recessed barrier-free eye/face wash and shower safety station. Recessed design conserves valuable floor space, while eliminating the clutter and obstruction created by conventional emergency equipment. Unit can be installed in either a corridor or lab room, close to where accidents might occur.

ADA Compliance: When installed at recommended mounting heights, unit complies with ADA requirements for accessibility by handicapped persons.

Shower Head: 10" diameter stainless steel. Shower head is mounted on vertical supply nipple (GBF2100), recess mounted in finished ceiling (GBF2110) or mounted on horizontal supply nipple (GBF2120).

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar" actuator.

Eye/Face Wash Spray Head Assembly: Two FS-Plus™ spray heads mounted on supply arms. Each spray head has internal flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS plug-type valve with Teflon® coated O-ring seals. Swinging head assembly from storage to operational position opens orifice and activates water flow. Unit remains in operation until head assembly is returned to storage position. Furnished with in-line strainer to protect valve from debris and foreign matter.

Mounting: 16 gauge stainless steel cabinet with flanged rim for recessed mounting in wall. Unit fits in standard 3 5/8" deep wall.

Pipe and Fittings: Exposed pipe and escutcheon are brushed stainless steel.

Supply: 1" NPT female shower inlet; 1/2" NPT female eye/face wash inlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

U.S. Patent 5,768,721

Available Options:

- ☐ **AP250-065 Modesty Curtain**
- ☐ **AP280-230 Electric Light and Alarm Horn**
- ☐ **TMV G3800** thermostatic mixing valve.



GBF2110



GBF2120



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GBF2150

Recessed Laboratory Units

- ☐ **GBF2150** Recessed Safety Station with Drain Pan, Ceiling Mounted Shower Head
- ☐ **GBF2160** Recessed Safety Station with Drain Pan, Recess Mounted Shower Head
- ☐ **GBF2170** Recessed Safety Station with Drain Pan, Wall Mounted Shower Head

Application: Recessed barrier-free eye/face wash and shower safety station with drain pan. Stainless steel cover provides attractive appearance and protects unit when not in use. When activated, cover serves as pan to collect waste water and return it into unit for drainage.

ADA Compliance: When installed at recommended mounting heights, unit complies with ADA requirements for accessibility by handicapped persons.

Shower Head: 10" diameter stainless steel. Shower head is mounted on vertical supply nipple (GBF2150), recess mounted in finished ceiling (GBF2160) or mounted on horizontal supply nipple (GBF2170).

Shower Valve: 1" IPS brass stay-open ball valve with stainless steel "panic bar" actuator.

Cover/Drain Pan: 16 gauge stainless steel combination cover and drain pan. Grasping "panic bar" handle and opening cover pulls spray head assembly down from vertical to horizontal position, activating water flow. While unit is in operation, waste water is collected in drain pan and returned into cabinet for drainage. Unit remains in operation until cover is returned to closed position.

Eye/Face Wash Spray Head Assembly: Two FS-Plus™ spray heads mounted on supply arms. Each spray head has individually adjustable flow control and filter to remove impurities from water.

Eye/Face Wash Valve: 1/2" IPS brass rotating plug-type valve. Furnished with Teflon® coated O-ring seals and in-line strainer to protect valve from debris and foreign matter.

Mounting: 16 gauge stainless steel cabinet with flanged rim for recessed mounting in wall. Unit fits in standard 3 5/8" deep wall.

Pipe and Fittings: Exposed pipe and escutcheon are brushed stainless steel.

Supply: 1" NPT female inlet.

Waste: 2" NPT female outlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

U.S. Patent 5,768,721

Available Options:

- ☐ **AP250-065 Modesty Curtain**
- ☐ **AP280-230 Electric Light and Alarm Horn**
- ☐ **TMV G3800** thermostatic mixing valve.



GBF2160



GBF2170

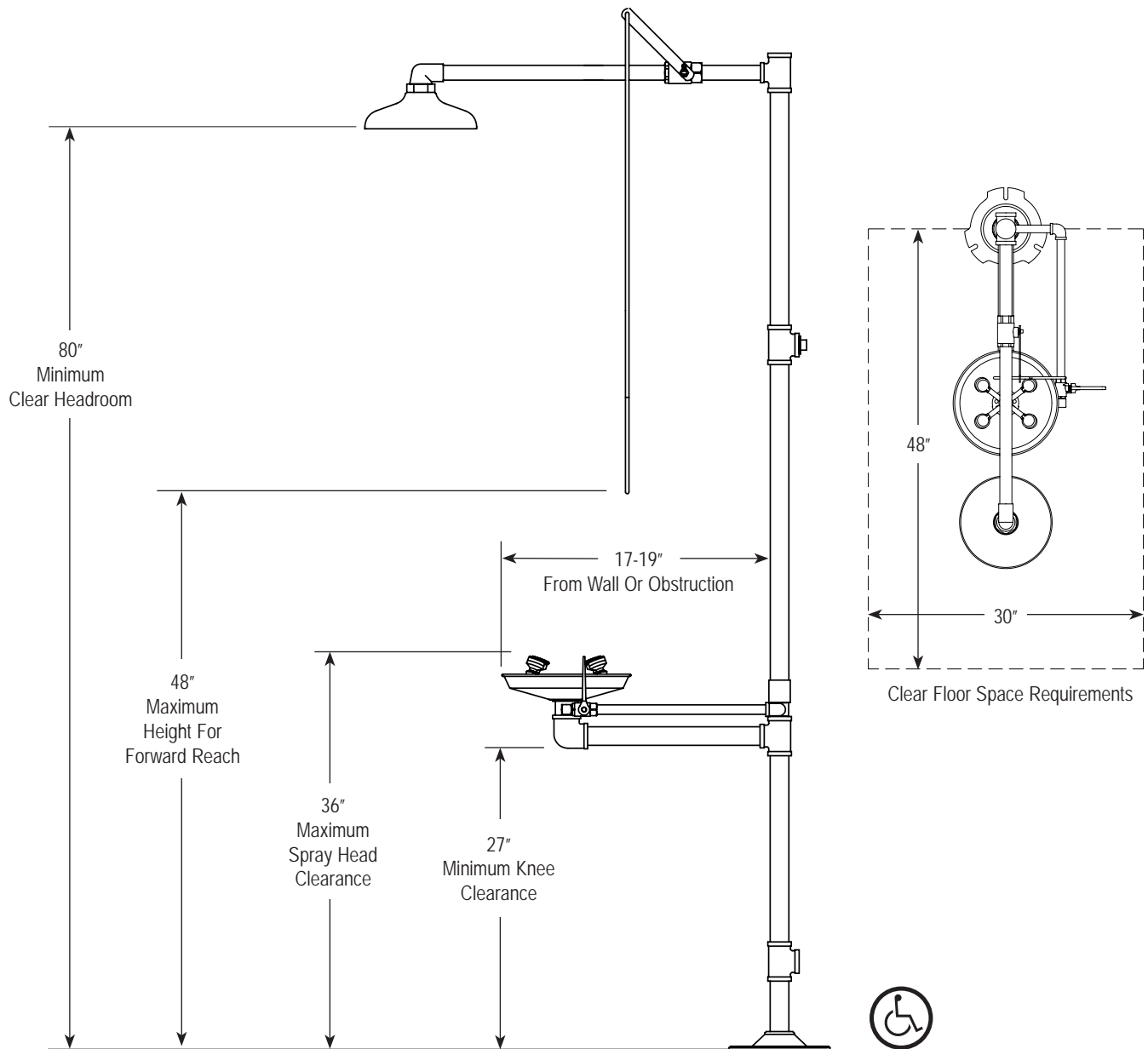


Barrier-Free Units: ANSI Guidelines

The Americans with Disabilities Act (ADA) requires that employers provide accessible workplaces for all employees. These workplaces may therefore require emergency eye wash and shower equipment that is specially constructed to provide access to handicapped persons.

Barrier-free emergency equipment must comply with the provisions of ANSI 117.1-1992 ("Accessible and Usable Buildings and Facilities"). These provisions include dimensions for minimum knee clearance, maximum height and reach, and minimum distance from obstructions.

Guardian offers an array of eye wash and shower units designed for barrier-free applications. These units meet the provisions of ANSI Z358.1-2004 for emergency equipment and the provisions of ANSI A117.1-1992 for accessibility. The provisions of ANSI Z358.1-2004 are summarized on the "ANSI Guidelines" pages in this catalog. The additional provisions of ANSI A117.1-1992 for accessibility are shown below. Please refer to these standards for a complete description of these provisions.



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GBF1643

Barrier-Free Units

- ☐ **GBF1643** Barrier-Free Emergency Shower, Horizontally Mounted
- ☐ **GBF1635** Barrier-Free Emergency Shower, Vertically Mounted

Application: Handicapped accessible emergency shower for horizontal (GBF1643) or vertical (GBF1635) mounting. Unit should be installed so that shower head is at least 82" above floor and 32" from wall or nearest obstruction.

ADA Compliance: When installed at recommended mounting heights, unit complies with ADA requirements for accessibility by handicapped persons (maximum height and reach and distance from obstructions).

Shower Head: 10" diameter orange ABS plastic.

Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 59 1/2" stainless steel pull rod.

Pipe and Fittings: 1" IPS galvanized steel nipple with orange ABS plastic elbow (GBF1643).

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

Available Options

- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Safety green ABS plastic shower head.
- ☐ **YEL** Safety yellow ABS plastic shower head.
- ☐ **PCC** All-polished chrome plated brass construction.
- ☐ **PCH** Polished chrome plated cast brass shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **SC** Self-closing ball valve.
Note: Emergency showers with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.
- ☐ **APBF250-015 Modesty Curtain**
Modesty curtain for barrier-free horizontal shower installation.



- ☐ **GBF1658** Barrier-Free Emergency Shower, Semi-Concealed, Stainless Steel Shower Head
- ☐ **GBF1658PCC** Barrier-Free Emergency Shower, Semi-Concealed, Cast Brass Shower Head



Pull rod rotated
90° for viewing.

Application: Handicapped accessible emergency shower for semi-concealed mounting in a finished ceiling. Unit is designed for installation in ceilings 8-10 feet above finished floor.

ADA Compliance: When installed at recommended mounting heights, unit complies with ADA requirements for accessibility by handicapped persons (maximum height and reach and distance from obstructions).

Shower Head: 10" diameter stainless steel (GBF1658) or 8" diameter chrome plated cast brass (GBF1658PCC). Furnished with vertical supply pipe and ceiling escutcheon for mounting shower head at desired height above finished floor.

Valve: 1" IPS brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm, 63 1/2" stainless steel pull rod and stainless steel ceiling guide plate.

Pipe and Fittings: Exposed pipe and ceiling escutcheon are brushed stainless steel (GBF1658) or polished chrome plated brass (GBF1658PCC).

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

Available Options

- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **SC** Self-closing ball valve.
Note: Emergency showers with self-closing valves do not comply with ANSI Z358.1 - 2004.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



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☐ **GBF1721** Barrier-Free WideArea™ Eye/Face Wash, Wall Mounted, Stainless Steel Bowl and Skirt



Application: Handicapped accessible WideArea™ eye/face wash for wall mounting. Bowl is lowered and extended to permit access by wheelchair user. Profile of unit is "flattened" to comply with maximum height and knee clearance requirements. Unit has stainless steel bowl and wraparound skirt to conceal valve, drain and piping.

ADA Compliance: When installed at recommended mounting height, unit complies with ADA requirements for accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Spray Head Assembly: Four GS-Plus spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" stainless steel with wraparound skirt.

Mounting: Bowl and skirt unit has welded stainless steel bracket for wall mounting.

Supply: 1/2" NPT female inlet.

Waste: 1 1/2" OD chrome plated brass tailpiece.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



☐ **GBF1724** Barrier-Free WideArea™ Eye/Face Wash, Wall Mounted



Application: Handicapped accessible WideArea™ eye/face wash for wall mounting. Bowl is lowered and extended to permit access by wheelchair user. Profile of unit is "flattened" to comply with maximum height and knee clearance requirements.

ADA Compliance: When installed at recommended mounting height, unit complies with ADA requirements for accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Spray Head Assembly: Four GS-Plus spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Valve: 1/2" IPS chrome plated brass stay-open ball valve with flag handle. Valve is US-made with chrome plated brass ball and Teflon® seals.

Bowl: 11 1/2" stainless steel.

Mounting: Welded stainless steel bracket for wall mounting.

Supply: 1/2" IPS female inlet.

Waste: 1 1/2" OD chrome plated brass tailpiece.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel bowl cover.
- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **HS** Auxiliary hand-held drench hose for rinsing eyes, face or body.
- ☐ **T** Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



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GBF1909

Barrier-Free Units

- ☐ **GBF1909** Barrier-Free Safety Station with WideArea™ Eye/Face Wash, Plastic Shower Head
- ☐ **GBF1909SSH** Barrier-Free Safety Station with WideArea™ Eye/Face Wash, Stainless Steel Shower Head

Application: Handicapped accessible combination WideArea™ eye/face wash and shower safety station. Shower head and pull rod are extended for improved access. Bowl is lowered and extended to permit access by wheelchair user. Profile of unit is "flattened" to comply with maximum height and knee clearance requirements.

ADA Compliance: Unit complies with ADA requirements for accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Shower Head: 10" diameter. Shower head is orange ABS plastic (GBF1909) or stainless steel (GBF1909SSH).

Shower Valve: 1" IPS chrome plated brass stay-open ball valve with stainless steel actuating arm and extended stainless steel pull rod.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a "flip-top" dust cover, internal flow control and filter to remove impurities from water flow.

Eye/Face Wash Bowl: 11 1/2" stainless steel.

Eye/Face Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve with flag handle.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers on piping for high visibility and corrosion resistance.

Supply: 1 1/4" NPT female top and side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **GC** Powder coated finish on galvanized pipe and fittings. Available colors include orange, yellow, red and green.
- ☐ **BC** Stainless steel cover for eye/face wash bowl.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **HS** Auxiliary drench hose unit for rinsing eyes, face or body.
- ☐ **APBF250-015 Modesty Curtain**
Modesty curtain for mounting on barrier-free safety station.
- ☐ **AP275-200 Electric Light and Alarm Horn**
Flashing light and alarm horn for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



☐ **GBF1994** All-Stainless Steel Barrier-Free Safety Station with WideArea™ Eye/Face Wash

Application: All-stainless steel handicapped accessible combination WideArea™ eye/face wash and shower safety station. Shower head and pull rod are extended for improved access. Bowl is lowered and extended to permit access by wheelchair user. Profile of unit is "flattened" to comply with maximum height and knee clearance requirements. Stainless steel construction is ideal for highly corrosive environments and clean room applications.

ADA Compliance: Unit complies with ADA requirements for accessibility by handicapped persons (maximum height and reach, minimum knee clearance and distance from obstructions).

Shower Head: 10" diameter stainless steel.

Shower Valve: 1" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals. Furnished with stainless steel actuating arm and extended stainless steel pull rod.

Spray Head Assembly: Four GS-Plus™ spray heads. Each head has a "flip top" dust cover, internal flow control and filter to remove impurities from the water flow.

Eye/Face Wash Bowl: 11 1/2" stainless steel.

Eye/Face Wash Valve: 1/2" IPS Type 316 stainless steel stay-open ball valve. Valve has stainless steel ball and Teflon® seals.

Pipe and Fittings: Schedule 40 brushed stainless steel.

Supply: 1 1/4" NPT female top or side inlet.

Waste: 1 1/4" NPT female outlet. Outlet can be positioned at either 8" or 20" above finished floor by reversing lower pipe nipples.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **BC** Stainless steel cover for eye/face wash bowl.
- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **HS** Auxiliary drench hose unit for rinsing eyes, face or body.
- ☐ **APBF250-015 Modesty Curtain**
Modesty curtain for mounting on barrier-free safety station.
- ☐ **AP275-200 Electric Light and Alarm Horn**
Flashing light and alarm horn for mounting on safety station.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004.



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- ☐ **GFR1205** Freeze-Resistant Emergency Shower, Plastic Shower Head
- ☐ **GFR1206** Freeze-Resistant Emergency Shower, Plastic Shower Head, Piping Included

Application: Freeze-resistant emergency shower for horizontal mounting. Valve and supply line are located behind wall in heated area to prevent freezing. *Since unit is intended for use in cold weather conditions, consideration should be given to supplying unit with tempered water in accordance with ANSI Z358.1-2004. See "Tempering Units" section for more information.*

Shower Head: 10" diameter. Shower head is orange ABS plastic (GFR1205) or stainless steel (GFR1205SSH).

Valve: 1" IPS chrome plated brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve handle is mounted on extension rod that projects through wall. Specify wall thickness when ordering.

Pipe and Fittings: Supplied by others.

Supply: 1" NPT female inlet.

Sign: ANSI-compliant identification sign.

Available Options

- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Safety green ABS plastic shower head.
- ☐ **YEL** Safety yellow ABS plastic shower head.
- ☐ **PCH** Polished chrome plated cast brass shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP275-200 Electric Light and Alarm Horn**
Flashing light and horn serve to summon assistance when shower is activated.
- ☐ **TMV** G3800 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



GFR1814

Freeze-Resistant Units

- ☐ **GFR1814** Freeze-Resistant Eye Wash, Wall Mounted, Stainless Steel Bowl
- ☐ **GFR1814P** Freeze-Resistant Eye Wash, Wall Mounted, Plastic Bowl



Application: Freeze-resistant eye wash for wall mounting. Valve and supply line are located behind wall in heated area to prevent freezing. Self-draining valve permits water to drain completely from unit after use. *Since unit is intended for use in cold weather conditions, consideration should be given to supplying unit with tempered water in accordance with ANSI Z358.1-2004. See "Tempering Units" section for more information.*

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover and internal flow control.

Valve: 1/2" IPS chrome plated brass three-way self-draining stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve has 1/2" NPT female drain port. Valve handle is mounted on extension rod that projects through wall. Specify wall thickness when ordering.

Bowl: 11 1/2" diameter. Bowl is stainless steel (GFR1814) or orange ABS plastic (GFR1814P).

Mounting: Heavy duty cast aluminum wall bracket with corrosion resistant powder coated finish.

Supply: 1/2" NPT female inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **GRN** Green ABS plastic bowl.
- ☐ **YEL** Yellow ABS plastic bowl.
- ☐ **TP** 1 1/2" OD Chrome plated brass tailpiece.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



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GFR1825

Freeze-Resistant Units

- ☐ **GFR1825** Freeze-Resistant Eye Wash, Pedestal Mounted, Stainless Steel Bowl
- ☐ **GFR1825P** Freeze-Resistant Eye Wash, Pedestal Mounted, Plastic Bowl

Application: Freeze-resistant eye wash for pedestal mounting. Freeze-resistant valve and supply line are buried below frost line to protect against freezing. Unit is designed to drain completely after use, so that no standing water remains in unit and possibility of freeze-up is eliminated. *Since unit is intended for use in cold weather conditions, consideration should be given to supplying unit with tempered water in accordance with ANSI Z358.1-2004. See "Tempering Units" section for more information.*

Spray Head Assembly: Two GS-Plus™ spray heads. Each head has a "flip top" dust cover and internal flow control.

Valve: 3/4" IPS freeze-resistant valve with push plate. Valve body and supply line are buried below frost line to prevent freezing. Valve has 1/4" IPS bleed outlet to permit water standing in unit to drain out after use. Specify bury depth of valve when ordering.

Bowl: 11 1/2" diameter. Bowl is stainless steel (GFR1825) or orange ABS plastic (GFR1825P).

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 3/4" NPT male inlet.

Waste: 1 1/4" NPT female outlet.

Sign: ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **DC** Stainless steel dust cover for each spray head.
- ☐ **GRN** Green ABS plastic bowl.
- ☐ **YEL** Yellow ABS plastic bowl.
- ☐ **TMV** G3600 thermostatic mixing valve precisely blends hot and cold water to deliver warm (tepid) water as provided by ANSI Z358.1-2004. Refer to "Tempering Units" section for complete technical and product selection information.



- ☐ **GFR1902** Freeze-Resistant Safety Station with Eye Wash
- ☐ **GFR1909** Freeze-Resistant Safety Station with WideArea™ Eye/Face Wash

Application: Freeze-resistant combination eye wash and shower safety station. Freeze-resistant valves and supply lines are buried below frost line to protect against freezing. Unit is designed to drain completely after use, so that no standing water remains in unit and possibility of freeze-up is eliminated. *Since unit is intended for use in cold weather conditions, consideration should be given to supplying unit with tempered water in accordance with ANSI Z358.1-2004. See "Tempering Units" section for more information.*

Shower Head: 10" diameter orange ABS plastic.

Shower Valve: 1 1/4" IPS freeze-resistant valve with push plate. Valve body and supply line are buried below frost line to prevent freezing. Valve has 1/4" IPS bleed outlet to permit water standing in unit to drain out after use. Specify bury depth of valve when ordering.

Spray Head Assembly: Two GS-Plus™ spray heads (GFR1902) or four GS-Plus™ spray heads (GFR1909). Each spray head has a "flip top" dust cover and internal flow control.

Eye Wash Bowl: 11 1/2" diameter stainless steel.

Eye Wash Valve: 3/4" IPS freeze-resistant valve with push plate. Valve body and supply line are buried below frost line to prevent freezing. Valve has 1/4" IPS bleed outlet to permit water standing in unit to drain out after use. Specify bury depth of valve when ordering.

Pipe and Fittings: Schedule 40 galvanized steel. Furnished with orange polyethylene covers for vertical piping for high visibility and corrosion resistance.

Supply: 3/4" NPT (eye wash valve) and 1 1/4" NPT (shower valve) male inlets.

Waste: 1 1/4" NPT female outlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Available Options

- ☐ **FC20** Regulates shower flow rate to 20 GPM.
- ☐ **GRN** Green ABS plastic shower head.
- ☐ **YEL** Yellow ABS plastic shower head.
- ☐ **SSH** Stainless steel shower head.
- ☐ **AP250-015 Modesty Curtain**
Modesty curtain for mounting on safety station.



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- ☐ **GFR3100** Heated Safety Station with Eye/Face Wash, Top Inlet
- ☐ **GFR3110** Heated Safety Station with Eye/Face Wash, Bottom Inlet

Application: In areas where electricity is available, heat-traced safety stations provide excellent protection against freezing. Units are heated by self-limiting heat tracing cable wrapped around internal pipe. Thermostat regulates heating. Units are insulated and jacketed for protection against weather. *Since units are intended for use in cold weather conditions, consideration should be given to supplying unit with tempered water in accordance with ANSI Z358.1-2004. See "Tempering Units" section for more information.*

Shower Head: 10" diameter orange ABS plastic with 20 GPM flow control.

Shower Valve: 1" IPS brass stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Furnished with stainless steel actuating arm and 29" stainless steel pull rod.

Spray Head Assembly: Two FS-Plus™ spray heads. Each head has a "flip top" dust cover and internal flow control.

Eye/Face Wash Valve: 1/2" IPS brass three-way self-draining stay-open ball valve. Valve is US-made with chrome plated brass ball and Teflon® seals. Valve has 1/2" NPT female drain port to permit water to drain from spray heads after use.

Jacket/Insulation: UV-resistant orange ABS plastic jacket with removable polyethylene foam insulation. Furnished with elastomeric seals for all seams and openings in jacket.

Heating Cable: Self-regulating heat tracing cable with external braid guards. Heating is controlled by thermostat that shuts heat off when ambient temperature is over 50°F. Cable is FM and CSA approved.

Electrical System: Unit is fully wired at the factory. Junction box and components are rated for Class 1, Division 2, Groups B, C and D. System requires a 120 VAC, single phase power supply.

Pipe and Fittings: Schedule 40 galvanized steel.

Supply: 1 1/4" NPT female top inlet.

Sign: Furnished with ANSI-compliant identification sign.

Quality Assurance: Unit is fully assembled and factory tested prior to shipment.

Available Options

- ☐ **SSH** Stainless steel shower head.
- ☐ **HV** 240 volt heat tracing.
- ☐ **TL** Heat trace indicator light.
- ☐ **SP** Scald protection valve.
- ☐ **FP** Freeze protection valve.
- ☐ **ALG** Green area light.

Alarm Options

Specify desired alarm using fourth digit of model number, as follows:

- 0** No alarm
- 1** Double pole, double throw flow switch only
(for remote sensing capability)
- 3** Alarm horn and remote sensing capability
- 5** Light and remote sensing capability
- 7** Alarm horn, light and remote sensing capability



- ☐ **G1512** 10 Gallon Portable Eye Wash/Drench Hose Unit
- ☐ **G1511** 10 Gallon Portable Eye Wash Unit

Application: Self-contained eye wash and/or drench hose units are ideal where a continuous supply of potable water is not available. These units may be used in low traffic areas, low hazard areas or where installation of plumbed equipment is not cost effective. Ten gallon units provide approximately 8.3 usable gallons (31.4 liters) of water for effective rinsing of eyes, face or body. *Note that, under ANSI Z358.1-2004, drench hose units supplement but do not replace other types of emergency equipment.*

Tank: 10 gallon stainless steel pressurized tank. Tank has built-in carrying handles, air intake fitting, pressure gauge and pressure relief valve. Tank has approximately 8.3 gallons (31.4 liters) usable capacity.

Eye Wash Unit: Two GS-Plus spray heads, each with a "flip top" dust cover, internal flow control and filter. 1/2" IPS chrome plated brass stay-open ball valve with flag handle. Eye wash delivers 0.5 GPM for 15 minutes.

Drench Hose: Single GS-Plus spray head with "flip top" dust cover, internal flow control and filter. Chrome plated brass squeeze valve with stainless steel lever handle and 6 ft. reinforced PVC hose. Drench hose is furnished on G1512 only.

Operation: To operate unit, fill with clean potable water and add bacteriostatic additive (supplied with unit). Additive protects against growth of bacteria, fungus, algae and acanthamoeba inside unit. After filling with water, pressurize unit to 80 PSI air pressure. *Unit should be inspected regularly and water in unit should be changed at least once every six months.*

Weight: 22 lbs. empty, 91 lbs. filled.

Quality Assurance: Unit is completely assembled, pressurized and water tested prior to shipment.

Available Options

- ☐ **G1540BA** 8 oz. bottle of bacteriostatic additive to protect against growth of bacteria and other impurities in portable unit.
- ☐ **ASME** ASME-rated stainless steel tank.
- ☐ **HC** Two wheel hand cart for transporting and storing unit.



G1512



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- ☐ **G1522** 15 Gallon Portable Eye Wash/Drench Hose Unit
- ☐ **G1521** 15 Gallon Portable Eye Wash Unit
- ☐ **G1520** 15 Gallon Portable Drench Hose Unit

Application: Self-contained eye wash and/or drench hose units are ideal where a continuous supply of potable water is not available. These units may be used in low traffic areas, low hazard areas or where installation of plumbed equipment is not cost effective. Fifteen gallon units provide approximately 12.8 usable gallons (48.5 liters) of water for effective rinsing of eyes, face or body. *Note that, under ANSI Z358.1-2004, drench hose units supplement but do not replace other types of emergency equipment.*

Tank: 15 gallon stainless steel pressurized tank. Tank has built-in carrying handles, air intake fitting, pressure gauge and pressure relief valve. Tank has approximately 12.3 gallons (46.6 liters) usable capacity.

Eye Wash Unit: Two GS-Plus spray heads, each with a “flip top” dust cover, internal flow control and filter. 1/2” IPS chrome plated brass stay-open ball valve with flag handle. Eye wash delivers 0.8 GPM for 15 minutes.

Drench Hose: Single GS-Plus spray head with “flip top” dust cover, internal flow control and filter. Chrome plated brass squeeze valve with stainless steel lever handle and 6 ft. reinforced PVC hose.

Operation: To operate unit, fill with clean potable water and add bacteriostatic additive (supplied with unit). Additive protects against growth of bacteria, fungus, algae and acanthamoeba inside unit. After filling with water, pressurize unit to 80 PSI air pressure. If necessary, adjust pressure regulator to achieve maximum flow for fifteen minutes. *Unit should be inspected regularly and water in unit should be changed at least once every six months.*

Weight: 28 lbs. empty, 134 lbs. filled.

Quality Assurance: Unit is completely assembled, pressurized and water tested prior to shipment.

Available Options

- ☐ **G1540BA** 8 oz. bottle of bacteriostatic additive to protect against growth of bacteria and other impurities in portable unit.
- ☐ **ASME** ASME-rated stainless steel tank.
- ☐ **HC** Two wheel hand cart for transporting and storing unit.



G1522

☐ **G1540** AquaGuard™ Gravity-Flow Portable Eye Wash, 16 Gallon



Application: Self-contained 16 gallon eye wash unit uses gravity to deliver water through dual spray heads. Unit delivers over fourteen gallons (53 liters) of water for fifteen minutes, thus complying with the provisions of ANSI Z358.1-2004 for eye washes. Unit has a rugged plastic tank that can be installed in a wide variety of locations. Unit is ideal for use where a continuous supply of potable water is not available, especially in remote plant areas, low traffic and/or low hazard areas.

Tank: 16 gallon capacity safety green polyethylene tank. Tank has built-in carrying handle, heavy wall construction and reinforced ribs to support weight of unit.

Spray Head Assembly: Water flow is activated by pulling down on bright yellow eye wash tray. Integral full flow nozzles deliver soft spray of water. Swing tray up to storage position to stop flow.

Drain: Waste water is directed into drain opening in tank basin. 3 ft. long drain hose in basin directs discharge into floor drain, storage tank or other receptor.

Mounting: Furnished with epoxy coated steel bracket for mounting unit on wall. Unit can also be placed on countertop or other flat surface.

Preparation: Top operate unit, fill unit with clean potable water and add bacteriostatic additive (supplied with unit). Additive protects against growth of bacteria, fungus, algae and acanthamoeba. *Unit should be inspected regularly and water in unit should be changed at least once every six months.*

Discharge Time: Eye wash delivers .7 gallons per minute for 15 minutes.

Weight: 19 lbs. (8.6 kg.) empty, 145 lbs. (65.8 kg.) full.

Quality Assurance: Unit is completely assembled and water tested prior to shipment.

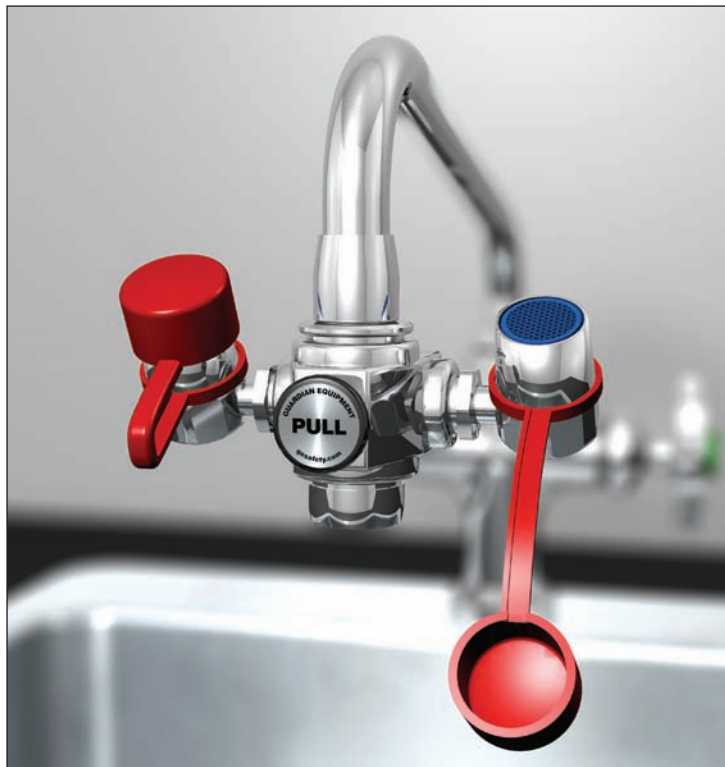
Available Options

- ☐ **G1540BA**
8 oz. bottle of bacteriostatic additive to protect against growth of bacteria, fungus, algae, and acanthamoeba.



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☐ **G1100** EyeSafe™ Faucet-Mounted Eye Wash, Adjustable Aerated Outlet Heads



Application: EyeSafe™ faucet-mounted eye washes convert any faucet into an emergency eye wash station without interfering with normal faucet operation. An EyeSafe™ unit can be installed at any sink, close to where accidents might occur. In an emergency, unit is quickly located and activated, and provides an unlimited supply of potable water for rinsing the user's eyes.

Outlet Heads: Outlet heads are mounted 3" apart and deliver a soft, aerated flow of water. Heads angle forward toward user. Angle of heads is adjustable to permit full coverage and avoid splashing. Furnished with float-off dust covers to protect outlet heads.

Valve: Forged brass diverter valve. Pull knob to activate eye wash; water pressure holds eye wash in operation, leaving user's hands free. Push knob or turn off faucet to return to normal faucet operation.

Inlet: Body has 55/64"-27 female thread. Furnished with three adaptors (15/16"-27, 13/16"-27 and 3/8" IPS) for installing on most commonly used faucets, including laboratory-type faucets.

Outlet: Furnished with removable aerator on bottom.

Quality Assurance: Each unit is completely assembled and water tested prior to shipment.

Important: *Faucet-mounted eye washes, whether manufactured by Guardian Equipment or other companies, require two motions to operate (turn on water, pull knob to activate eye wash flow). Therefore, Guardian does not believe that these units meet the provisions of ANSI Z358.1-2004 as eye wash units. These units are intended solely as supplemental units in addition to dedicated, plumbed eye wash equipment installed in the workplace.*

Faucet-mounted eye washes should be used with cold or warm water only. Use of hot water might cause scalding.

Available Options

- ☐ **AP400-012** Inlet adaptor with 13/16"-24 female thread.
- ☐ **250-046R** Replacement float-off dust covers (package of 2).

☐ **G1101** EyeSafe-X™ Faucet-Mounted Eye Wash, Adjustable Aerated Outlet Heads



Application: EyeSafe™ faucet-mounted eye washes convert any faucet into an emergency eye wash station without interfering with normal faucet operation. An EyeSafe™ unit can be installed at any sink, close to where accidents might occur. In an emergency, unit is quickly located and activated, and provides an unlimited supply of potable water for rinsing the user's eyes.

Outlet Heads: Outlet heads are mounted 5" apart and deliver a soft, aerated flow of water. Heads angle forward and inward toward user. Angle of heads is adjustable to permit full coverage and avoid splashing. Furnished with float-off dust covers to protect outlet heads.

Valve: Forged brass diverter valve. Pull knob to activate eye wash; water pressure holds eye wash in operation, leaving user's hands free. Push knob or turn off faucet to return to normal faucet operation.

Inlet: Body has 55/64"-27 female thread. Furnished with three adaptors (15/16"-27, 13/16"-27 and 3/8" IPS) for installing on most commonly used faucets, including laboratory-type faucets.

Outlet: Furnished with removable aerator on bottom.

Quality Assurance: Each unit is completely assembled and water tested prior to shipment.

Important: Faucet-mounted eye washes, whether manufactured by Guardian Equipment or other companies, require two motions to operate (turn on water, pull knob to activate eye wash flow). Therefore, Guardian does not believe that these units meet the provisions of ANSI Z358.1-2004 as eye wash units. These units are intended solely as supplemental units in addition to dedicated, plumbed eye wash equipment installed in the workplace.

Faucet-mounted eye washes should be used with cold or warm water only. Use of hot water might cause scalding.

Available Options

- ☐ **AP400-012** Inlet adaptor with 13/16"-24 female thread.
- ☐ **250-046R** Replacement float-off dust covers (package of 2).

☐ **G1102** EyeSafe-A™ Faucet-Mounted Eye Wash, Nonadjustable Solid Stream Heads



Application: EyeSafe™ faucet-mounted eye washes convert any faucet into an emergency eye wash station without interfering with normal faucet operation. An EyeSafe™ unit can be installed at any sink, close to where accidents might occur. In an emergency, unit is quickly located and activated, and provides an unlimited supply of potable water for rinsing the user's eyes.

Outlet Heads: Non-aerated outlet heads are mounted 3" apart. Heads deliver a nonaerated, solid stream of water. Angle of heads is not adjustable. Furnished with float-off dust covers to protect outlet heads.

Valve: Forged brass diverter valve. Pull knob to activate eye wash; water pressure holds eye wash in operation, leaving user's hands free. Push knob or turn off faucet to return to normal faucet operation.

Inlet: Body has 55/64"-27 female thread. Furnished with three adaptors (15/16"-27, 13/16"-27 and 3/8" IPS) for installing on most commonly used faucets, including laboratory-type faucets.

Outlet: Furnished with removable aerator on bottom.

Quality Assurance: Each unit is completely assembled and water tested prior to shipment.

Important: Faucet-mounted eye washes, whether manufactured by Guardian Equipment or other companies, require two motions to operate (turn on water, pull knob to activate eye wash flow). Therefore, Guardian does not believe that these units meet the provisions of ANSI Z358.1-2004 as eye wash units. These units are intended solely as supplemental units in addition to dedicated, plumbed eye wash equipment installed in the workplace.

Faucet-mounted eye washes should be used with cold or warm water only. Use of hot water might cause scalding.

Available Options

- ☐ **AP400-012** Inlet adaptor with 13/16"-24 female thread.
- ☐ **250-047R** Replacement float-off dust covers (package of 2).

- ☐ **G3600** Tempering Valve, 6 Gallon Capacity
- ☐ **G3602** Tempering Valve, 6 Gallon Capacity, Surface Mounted Stainless Steel Cabinet
- ☐ **G3607** Tempering Valve, 6 Gallon Capacity, Recess Mounted Stainless Steel Cabinet

Application: Tempering valve to blend hot and cold water to deliver tepid water. Valve has flow capacity of 0.5 to 6 gallons per minute (GPM). Valve can be used with eye wash, eye/face wash, dual purpose eye wash/drench hose and drench hose units.

Temperature Control: Valve has bimetallic thermostat that senses incoming water temperature and automatically blends water to 85°F (29°C). High temperature limit stop is set to 90°F (32°C). Valve has dial thermometer on outlet to monitor temperature of delivered water. *Note: Valve may need to be adjusted when installed based on incoming water temperature. Refer to "Installation Instructions" for further information.*

Fail Safe: In event of restriction or failure of hot water supply, internal bypass allows valve to deliver cold water to emergency unit. In bypass mode, valve will deliver 4 GPM of cold water at 30 PSI flow pressure. In event of loss of cold water supply, valve will close and not deliver water.

Flow Capacity: Refer to chart below for flow capacity of valve at specified pressure drops:

System Pressure Drop (PSI)	5	10	15	20	25	30	35	40
Flow Rate (GPM)	2.5	4	5	6	7	8	8.5	9.5
System Pressure Drop (Bar)	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8
Flow Rate (Liters per Minute)	9.5	15	19	23	27	30	32	36

Supply Pressure: 30 PSI minimum supply pressure is required for proper operation of valve. Maximum supply pressure is 125 PSI.

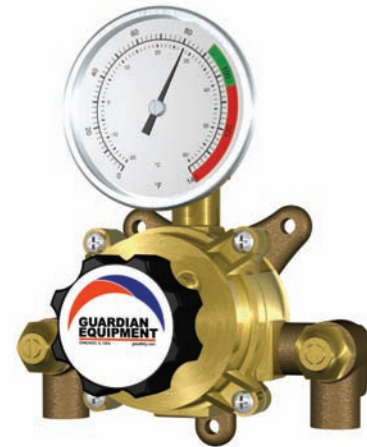
Mounting: G3600 is furnished with heavy duty mounting bracket for securing valve to panel or wall. G3602 has valve installed in surface mounted stainless steel cabinet. G3607 has valve installed in recess mounted stainless steel cabinet.

Inlets: 1/2" OD copper female hot and cold water inlets. Each inlet has check valve and supply stop.

Outlet: 1/2" NPT female outlet.

Quality Assurance: Valve is completely assembled and water tested prior to shipment.

Important: Pursuant to ANSI Z358.1-2004, the water



G3600



G3602



G3607

Important: Pursuant to ANSI Z358.1-2004, the water delivered by emergency equipment should be "tepid". Tepid is defined as moderately warm or lukewarm, and is generally considered to be between 60°F (15°C) and 90°F (32°C). However, in certain circumstances, a chemical reaction may be accelerated or otherwise affected by the water temperature. Please consult with a medical advisor to determine the optimum delivered water temperature prior to specifying, installing or using a tempering valve.

Tempering valves will not deliver the appropriate water temperature if the system has not been sized correctly. Please refer to the flow capacities and supply pressure requirements listed above when designing the tempered water system and selecting tempering valves.

Tempering valves, like all emergency eye wash and shower equipment, must be installed in accordance with the manufacturer's instructions and maintained on a regular basis. Under ANSI Z358.1-2004, all emergency equipment should be activated weekly and inspected at least annually. Tempering valves should be treated the same and, in addition, must be regularly cleaned and cycled.

- ☐ **G3800** Tempering Valve, 44 Gallon Capacity
- ☐ **G3802** Tempering Valve, 44 Gallon Capacity, Surface Mounted Stainless Steel Cabinet
- ☐ **G3807** Tempering Valve, 44 Gallon Capacity, Recess Mounted Stainless Steel Cabinet

Application: Tempering valve to blend hot and cold water to deliver tepid water. Valve has flow capacity of 3.0 to 44 gallons per minute (GPM). Valve can be used with single installation of emergency showers and safety stations, and with multiple installations of emergency shower, eye wash, eye/face wash, dual purpose eye wash/drench hose, drench hose and safety station units.

Temperature Control: Valve has bimetallic thermostat that senses incoming water temperature and automatically blends water to 85°F (29°C). High temperature limit stop is set to 90°F (32°C). Valve has dial thermometer on outlet to monitor temperature of delivered water. *Note: Valve may need to be adjusted when installed based on incoming water temperature. Refer to "Installation Instructions" for further information.*

Fail Safe: In event of restriction or failure of hot water supply, internal bypass allows valve to deliver cold water to emergency unit. In bypass mode, valve will deliver 20 GPM of cold water at 30 PSI flow pressure. In event of loss of cold water supply, valve will close and not deliver water.

Flow Capacity: Refer to chart below for flow capacity of valve at specified pressure drops:

System Pressure Drop (PSI)	5	10	15	20	25	30	35	40
Flow Rate (GPM)	21	29	38	44	50	53	56	61

System Pressure Drop (Bar)	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8
Flow Rate (Liters per Minute)	79	110	143	167	189	201	212	231

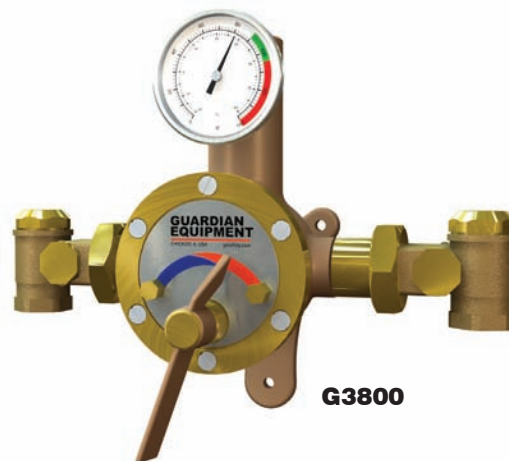
Supply Pressure: 30 PSI minimum supply pressure is required for proper operation of valve. Maximum supply pressure is 125 PSI.

Mounting: G3800 is furnished with heavy duty mounting bracket for securing valve to panel or wall. G3802 has valve installed in surface mounted stainless steel cabinet. G3807 has valve installed in recess mounted stainless steel cabinet.

Inlets: 1" NPT female hot and cold water inlets. Inlets can be rotated 360 degrees for top or bottom supply. Each inlet has integral water strainer, check valve and supply stop.

Outlet: 1 1/4" NPT female outlet.

Quality Assurance: Valve is completely assembled and water tested prior to shipment.



G3800



G3802



G3807

Important: Pursuant to ANSI Z358.1-2004, the water delivered by emergency equipment should be "tepid". Tepid is defined as moderately warm or lukewarm, and is generally considered to be between 60°F (15°C) and 90°F (32°C). However, in certain circumstances, a chemical reaction may be accelerated or otherwise affected by the water temperature. Please consult with a medical advisor to determine the optimum delivered water temperature prior to specifying, installing or using a tempering valve.

Tempering valves will not deliver the appropriate water temperature if the system has not been sized correctly. Please refer to the flow capacities and supply pressure requirements listed above when designing the tempered water system and selecting tempering valves.

Tempering valves, like all emergency eye wash and shower equipment, must be installed in accordance with the manufacturer's instructions and maintained on a regular basis. Under ANSI Z358.1-2004, all emergency equipment should be activated weekly and inspected at least annually. Tempering valves should be treated the same and, in addition, must be regularly cleaned and cycled.

G3900

Tempering Units

- ☐ **G3900** Tempering Valve, 81 Gallon Capacity
- ☐ **G3902** Tempering Valve, 81 Gallon Capacity, Surface Mounted Stainless Steel Cabinet
- ☐ **G3907** Tempering Valve, 81 Gallon Capacity, Recess Mounted Stainless Steel Cabinet

Application: Tempering valve to blend hot and cold water to deliver tepid water. Valve has flow capacity of 3.0 to 81 gallons per minute (GPM). Valve can be used with single installation of emergency showers and safety stations, and with multiple installations of emergency shower, eye wash, eye/face wash, dual purpose eye wash/drench hose, drench hose and safety station units.

Temperature Control: Valve has bimetallic thermostat that senses incoming water temperature and automatically blends water to 85°F (29°C). High temperature limit stop is set to 90°F (32°C). Valve has dial thermometer on outlet to monitor temperature of delivered water. *Note: Valve may need to be adjusted when installed based on incoming water temperature. Refer to "Installation Instructions" for further information.*

Fail Safe: In event of restriction or failure of hot water supply, internal bypass allows valve to deliver cold water to emergency unit. In bypass mode, valve will deliver 40 GPM of cold water at 30 PSI flow pressure. In event of loss of cold water supply, valve will close and not deliver water.

Flow Capacity: Refer to chart below for flow capacity of valve at specified pressure drops:

System Pressure Drop (PSI)	5	10	15	20	25	30	35	40
Flow Rate (GPM)	53	64	72	81	90	99	108	117

System Pressure Drop (Bar)	.3	.7	1.0	1.4	1.7	2.4	2.4	2.8
Flow Rate (Liters per Minute)	201	242	273	307	341	374	409	443

Supply Pressure: 30 PSI minimum supply pressure is required for proper operation of valve. Maximum supply pressure is 125 PSI.

Mounting: G3900 is furnished with heavy duty mounting bracket for securing valve to panel or wall. G3902 has valve installed on surface mounted stainless steel cabinet. G3907 has valve installed in recess mounted stainless steel cabinet.

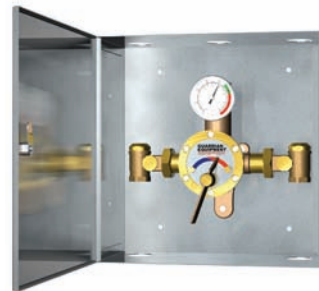
Inlets: 1 1/4" NPT female hot and cold water inlets. Inlets can be rotated 360 degrees for top or bottom supply. Each inlet has integral water strainer, check valve and supply stop.

Outlet: 1 1/4" NPT female outlet.

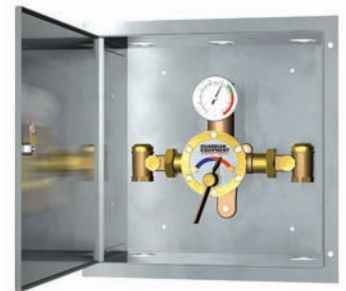
Quality Assurance: Valve is completely assembled and water tested prior to shipment.



G3900



G3902



G3907

Important: Pursuant to ANSI Z358.1-2004, the water delivered by emergency equipment should be "tepid". Tepid is defined as moderately warm or lukewarm, and is generally considered to be between 60°F (15°C) and 90°F (32°C). However, in certain circumstances, a chemical reaction may be accelerated or otherwise affected by the water temperature. Please consult with a medical advisor to determine the optimum delivered water temperature prior to specifying, installing or using a tempering valve.

Tempering valves will not deliver the appropriate water temperature if the system has not been sized correctly. Please refer to the flow capacities and supply pressure requirements listed above when designing the tempered water system and selecting tempering valves.

Tempering valves, like all emergency eye wash and shower equipment, must be installed in accordance with the manufacturer's instructions and maintained on a regular basis. Under ANSI Z358.1-2004, all emergency equipment should be activated weekly and inspected at least annually. Tempering valves should be treated the same and, in addition, must be regularly cleaned and cycled.

☐ **AP250-015** Modesty Curtain for Horizontal Showers and Safety Stations

Application: In an emergency, it is imperative that contaminated clothing be removed as quickly as possible. However, employees may be reluctant to remove their clothing in the presence of co-workers. A modesty curtain will protect the privacy of the user and permit disrobing while the shower unit is in operation. The curtain has a pocket in which a smock can be stored.

Installation: Unit is designed for use with horizontally mounted emergency showers and free-standing combination safety stations. Furnished complete with stainless steel track assembly for mounting on vertical and horizontal piping. All necessary mounting brackets and clamps are included.

Curtain: White vinyl curtain with ring hangers. Curtain has tie-back so it can be neatly stored when shower is not in use. Curtain has interior pocket for storing a smock to be used after contaminated clothing is removed.

Additional Models:

- ☐ **APBF250-015** Same as above except for installation on barrier-free horizontal showers and safety stations.
- ☐ **AP250-014** Same as above except for installation on vertical shower units.



☐ **AP275-100** Electric Alarm Unit for Safety Stations, with Light and Horn



Application: Alarm units serve two important functions when installed in conjunction with emergency eye wash and shower equipment. First, alarms serve to alert facility personnel that an accident has occurred and that assistance to the user may be required. Second, alarms deter unintended or malicious operation of the emergency equipment. For this reason, they are advisable in schools and other areas where the possibility of vandalism is present. Alarms are activated by a flow switch that senses the movement of water in the supply line when the safety unit is activated. Once activated, the bright light turns on and the horn sounds loudly.

Installation: Unit is designed for use with combination safety stations, and can be mounted on either the vertical pipe of the station or on a wall adjacent to the unit. 5 amp, 125 volt electrical supply is required.

Visual Signal: Weatherproof amber beacon light with shatter-resistant lens and protective metal grid.

Audible Signal: Weatherproof horn delivers distinctive, urgent signal. Volume is preset at 103 db at 10 feet. An adjustment screw on the front of horn allows adjustment of output sound level.

Flow Switch: 1 1/4" IPS single pole, double throw waterproof flow switch for installation in water supply line to emergency unit. Switch senses flow of water when either the eye wash or shower is activated. Flow switch must be installed with tee fitting in horizontal position, flow switch body in vertical position and at least 6" from closest fitting. Direction of flow is marked on switch body.

Mounting: Furnished complete with bracket for mounting on vertical pipe or wall, junction box and 8 foot waterproof flexible conduit. Electrical connection by others.

Quality Assurance: Unit is fully assembled, wired and factory tested prior to shipment.

Additional Models:

- ☐ **AP275-105** Same as above except with double pole, double throw flow switch for connection to monitoring system. When emergency unit is actuated, light and horn activate and electrical signal is sent to remote monitoring location.

☐ **AP275-200** Electric Alarm Unit for Safety Stations, with Flashing Light and Horn



Application: Alarm units serve two important functions when installed in conjunction with emergency eye wash and shower equipment. First, alarms serve to alert facility personnel that an accident has occurred and that assistance to the user may be required. Second, alarms deter unintended or malicious operation of the emergency equipment. For this reason, they are advisable in schools and other areas where the possibility of vandalism is present. Alarms are activated by a flow switch that senses the movement of water in the supply line when the safety unit is activated. Once activated, the bright light flashes and the horn sounds loudly.

Installation: Unit is designed for use with combination safety stations, and can be mounted on either the vertical pipe of the station or on a wall adjacent to the unit. 5 amp, 125 volt electrical supply is required.

Visual Signal: Weatherproof amber flashing light with shatter-resistant lens.

Audible Signal: Weatherproof horn delivers distinctive, urgent signal. Volume is preset at 103 db at 10 feet. An adjustment screw on the front of horn allows adjustment of output sound level.

Flow Switch: 1 1/4" IPS single pole, double throw waterproof flow switch for installation in water supply line to emergency unit. Switch senses flow of water when either the eye wash or shower is activated. Flow switch must be installed with tee fitting in horizontal position, flow switch body in vertical position and at least 6" from closest fitting. Direction of flow is marked on switch body.

Mounting: Furnished complete with bracket for mounting on vertical pipe or wall, junction box and 8 foot waterproof flexible conduit. Electrical connection by others.

Quality Assurance: Unit is fully assembled, wired and factory tested prior to shipment.

Additional Models:

- ☐ **AP275-205** Same as above except with double pole, double throw flow switch for connection to monitoring system. When emergency unit is actuated, light and horn activate and electrical signal is sent to remote monitoring location.

- ☐ **AP275-615** Flow Switch, 1 1/4" IPS
- ☐ **AP280-615** Flow Switch, 1" IPS
- ☐ **AP285-615** Flow Switch, 1/2" IPS

Application: Single pole, double throw flow switch for use with emergency equipment. Flow switch is installed in water supply line upstream of emergency unit. When unit is activated, switch senses the movement of water in the supply line. Switch can be used to activate alarm horn and light, or sends electrical signal to monitoring system.

Installation: Flow switch is mounted in tee fitting that is installed in water supply line to emergency unit. Switch must be installed with tee fitting in horizontal position, flow switch body in vertical position and at least 6" from closest fitting. Direction of flow is marked on switch body. Furnished with weatherproof electrical junction box with gasketed cover. Switch requires 5 amp, 125 volt electrical connection.

Activation: AP275-615 activates at 2.4 GPM, deactivates at 2.0 GPM. AP280-615 activates at 3.0 GPM and deactivates at 1.75 GPM. AP285-615 activates at 2.4 GPM and deactivates at 2.0 GPM.

Quality Assurance: Unit is factory tested prior to shipment.



Shower Heads



330-12-08RSE-ORG
Orange Plastic Street Elbow

330-12-08RSE-GRN
Green Plastic Street Elbow

330-12-08RSE-YEL
Yellow Plastic Street Elbow

1" NPT female inlet,
1 1/2" NPT male outlet.



300-08SE
1" IPS Galvanized Steel Street Elbow

310-08SE
1" IPS Polished Chrome Plated
Brass Street Elbow

320-08SE
1" IPS Stainless Steel Street Elbow



AP450-032ORG
Orange Plastic Shower Head.
1 1/2" NPT female inlet.



AP450-016
Rough Chrome Plated Cast Brass
Shower Head. 1" NPT female inlet.



AP450-032GRN
Green Plastic Shower Head.
1 1/2" NPT female inlet.



AP450-016PC
Polished Chrome Plated Cast Brass
Shower Head. 1" NPT female inlet.



AP450-032YEL
Yellow Plastic Shower Head.
1 1/2" NPT female inlet.



AP450-048
Stainless Steel Shower Head.
1" NPT female inlet.

Shower Heads, Recess Mounted



AP450-020
Polished Chrome Plated Cast
Brass Flanged Shower Head.
1" NPT female inlet.



AP450-062
Stainless Steel Flanged
Shower Head.
1" NPT female inlet.

Shower Valves and Actuators



AP600-335H

1" IPS Chrome Plated Brass Stay-Open Ball Valve with Actuating Arm (Horizontal Installation)



AP620-335H

1" IPS Stainless Steel Stay-Open Ball Valve with Actuating Arm (Horizontal Installation)



AP600-345H

1" IPS Chrome Plated Brass Self-Closing Ball Valve with Actuating Arm (Horizontal Installation)



AP620-335V

1" IPS Stainless Steel Stay-Open Ball Valve with Actuating Arm (Vertical Installation)

AP600-335V

1" IPS Chrome Plated Brass Stay-Open Ball Valve with Actuating Arm (Vertical Installation)

AP600-345V

1" IPS Chrome Plated Brass Self-Closing Ball Valve with Actuating Arm (Vertical Installation)



AP050-079

29" Stainless Steel Pull Rod



AP050-080

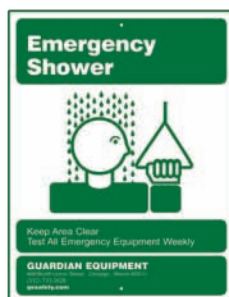
43" Stainless Steel Pull Rod



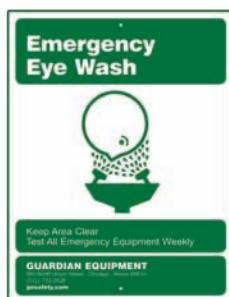
AP050-081

Custom Length Stainless Steel Pull Rod. Specify length when ordering (85" maximum).

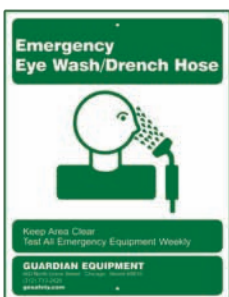
Signs



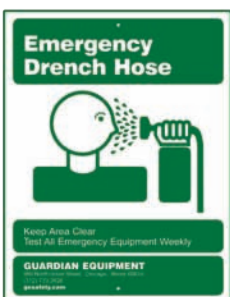
250-009G



250-007G



250-010G



250-006G



AP250-008G



250-012G

Components

Bowls



100-009ORG-R

Orange Plastic Bowl

100-009GRN-R

Green Plastic Bowl

100-009YEL-R

Yellow Plastic Bowl



100-008R

Stainless Steel Bowl



AP150-012A

Stainless Steel Drain Plate with
Cupped Washer and Gasket for
Plastic Bowl

AP150-012B

Stainless Steel Drain Plate with
Cupped Washer and Gasket for
Stainless Steel Bowl

Mounting Fittings



150-014E-2

Powder Coated Cast Aluminum Wall
Bracket. 1 1/4" NPT female outlet.



150-068-1 Waste Receptor for Safety Stations

150-068-2 Waste Receptor for Pedestal
Mounted Units

150-068-3 Waste Receptor for Barrier-Free
Safety Stations



150-032

Powder Coated Cast
Aluminum Floor Flange.
1 1/4" NPT female thread.

Drain Fittings



AP250-017

Chrome Plated Cast Brass Tailpiece
and Trap. 1 1/4" NPT male inlet,
1 1/2" NPT female outlet.



250-017-2

Chrome Plated Brass
Tailpiece. 1 1/4" NPT male
inlet, 1 1/2" OD male outlet.

Eye and Eye/Face Wash Valves and Actuators



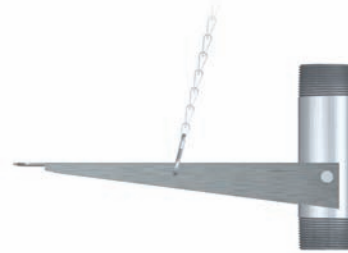
AP600-101H

1/2" IPS Chrome Plated Brass Stay-Open Ball Valve with Flag Handle



AP620-101H

1/2" IPS Stainless Steel Stay-Open Ball Valve with Flag Handle



AP050-010

Hand/Foot Control Treadle Assembly with Chain

Spray Heads



AP470-001

GS-Plus Spray Head.
1/4" NPT female inlet.



AP470-021

FS-Plus Spray Head.
1/4" NPT female inlet.



AP470-002ORG-R

1 1/2" Diameter Spray Cover with
"Flip Top" Dust Cover (Package of 6)



AP470-022RG-R

2 1/2" Diameter Spray Cover with
"Flip Top" Dust Cover (Package of 6)



470-004R

1" Diameter Foam Filter
(Package of 6)



470-024R

1" Diameter Foam Filter
(Package of 6)



470-001R

GS-Plus Spray Head Body
(Package of 6)



470-021R

FS-Plus Spray Head Body
(Package of 6)



470-005R

1.8 Gallon Per Minute Flow Control
(Package of 6)



470-025R

3.2 Gallon Per Minute Flow Control
(Package of 6)

Components

Other Components

AP250-005

Test Chute with Extension Rod
and 5 Gallon Bucket

AP250-005D

Test Chute with Extension Rod
(Less Bucket)



G1540BA

8 oz. Bacteriostatic Additive
For Portable Units

G1540BA-R

8 oz. Bacteriostatic Additive
For Portable Units
(Package of 4)



250-060R

Inspection Tag
(Package of 20)

An inspection tag with a red header that reads "EMERGENCY EQUIPMENT INSPECTION LOG". Below the header, it says "Test all emergency equipment at least weekly in accordance with ANSI Z358.1". There are two columns for "Date" and "Signature", each with ten horizontal lines for entries. At the bottom, it says "GUARDIAN EQUIPMENT" and provides contact information: "660 N. Union Street Chicago, IL 60610", "Phone: 312.733.2626", "Fax: 312.733.4684", "info@gesafety.com", and "gesafety.com".

AP350-011G

Deck Flange For
Drench Hose Units



AP600-240LC

Squeeze Valve for
Drench Hose Units

RK600-240

Repair Kit For
Squeeze Valve



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