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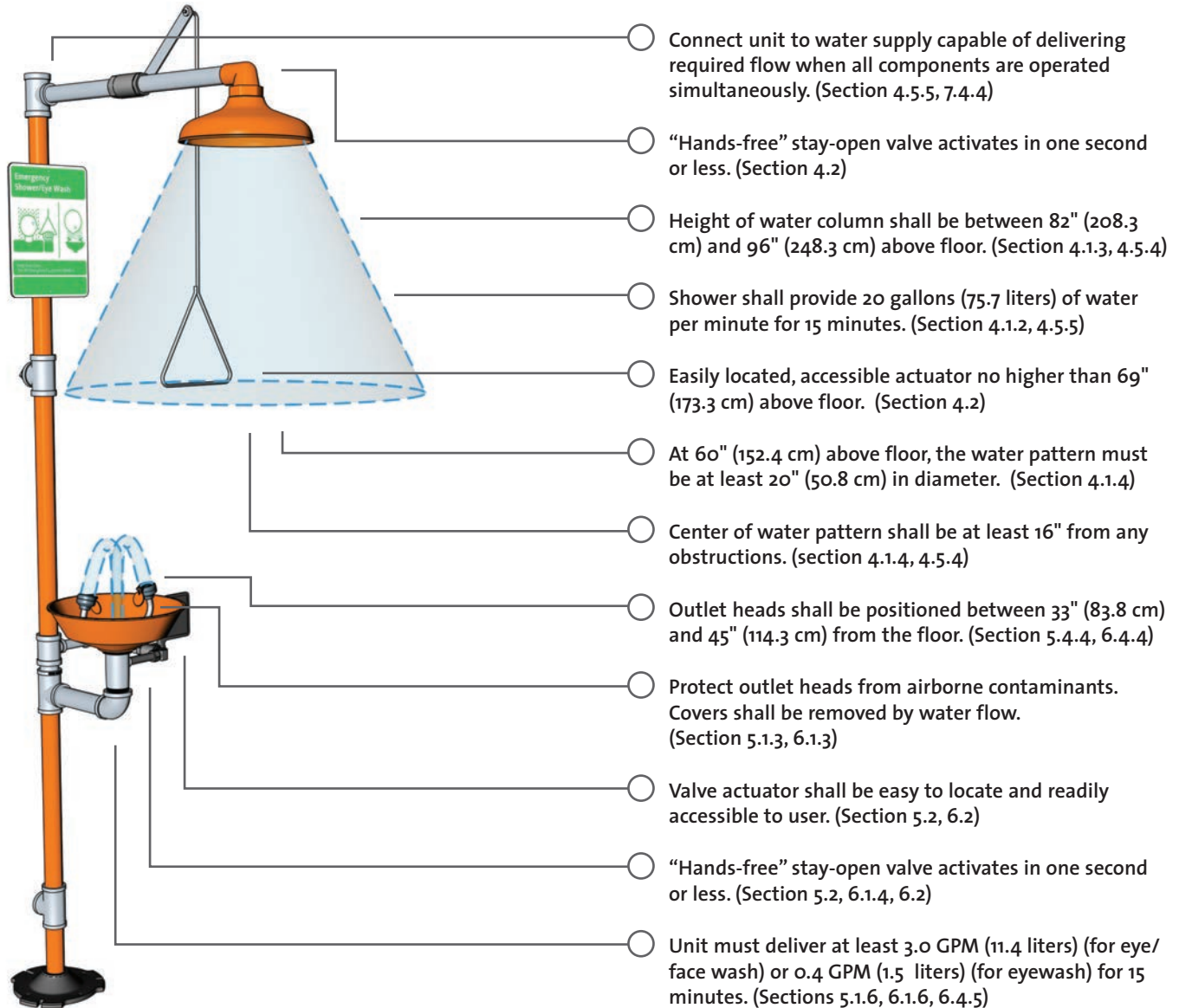
Emergency Showers | Eyewashes | Eye/Face Washes | Eyewash/Drench Hose Units | Safety Stations | and More!

EMERGENCY EYEWASH & SHOWER TECHNOLOGY

Guardian Equipment 312 447 8100 TELEPHONE
1140 N North Branch St 312 447 8101 FACSIMILE
Chicago, IL 60642 gesafety.com

This checklist is a summary of the provisions of ANSI Z358.1-2009 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 are third-party certified to meet or exceed the provisions of ANSI Z358.1-2009.



LOCATION Install safety station within 10 seconds (approximately 55 feet) of hazard, on the same level as hazard and with unobstructed travel path. (Section 7.4.2; B5)

IDENTIFICATION Identify safety station with highly visible sign. Area around safety station shall be well lighted. (Section 7.4.3)

WATER TEMPERATURE Water delivered by safety station shall be tepid (60-100°F). (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)

GBF2150 Recessed Safety Station with Drain Pan



APPLICATION: Recessed barrier-free eye/face wash and shower safety station with ceiling mounted exposed shower head and 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 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

Additional Models

GBF2160 Same as GBF2150 except with recess mounted shower head.

GBF2152 Same as GBF2150 except with drain-to-front feature.

AP250-065 Modesty Curtain.

AP280-230 Electric Light and Alarm Horn.



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



G1643 Emergency Shower, Horizontally Mounted

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.

SUPPLY: 1" NPT female inlet.

SIGN: ANSI-compliant identification sign.

Additional Models

G1643SSH Same as G1643 except with stainless steel shower head in place of ABS plastic.

G1635 Same as G1643 except for vertical mounting.

G1691 Same as G1643 except with all stainless steel construction for clean or corrosive environments.

G1643PCC Same as G1643 except with all polished chrome plated brass construction.



GRN Safety green ABS plastic shower head.

YEL Safety yellow ABS plastic shower head.

SSH Stainless steel shower head.

PCH Polished chrome plated cast brass shower head.

FC20 20 GPM flow control for shower head.

FC30 30 GPM flow control for shower head.

SC Self-closing ball valve.

TMV G3800 thermostatic mixing valve.

Available Options

QuickShip—24 hours

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ETL Listed 101496.
Units have been tested
to and comply with
ANSI Z358.1 - 2009



G1724 WideArea™ Eye/Face Wash, Wall Mounted, Stainless Steel Bowl



APPLICATION: WideArea™ eye/face wash for wall mounting. Four 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 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.

G1814BC Eyewash, Wall Mounted, Stainless Steel Bowl and Cover



APPLICATION: Eyewash for wall mounting. Unit has stainless steel cover to protect bowl from dust, dirt and other contaminants. Two spray-type outlet 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.

G1825HFC Eyewash, Pedestal Mounted, Stainless Steel Bowl



APPLICATION: Free standing, pedestal mounted eyewash. Water flow is activated by either flag handle or foot treadle. Two 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 stainless steel.

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.

Additional Model

G1825 Same as G1825HFC except less foot treadle activation.

G1825P Same as G1825 except with safety orange ABS plastic bowl in place of stainless steel.

Available Options

DC Stainless steel dust cover for each spray head.

BC Stainless steel bowl cover.

HS Auxiliary hand-held drench hose.

SC Self-closing ball valve.

T Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.

TMV G3600 thermostatic mixing valve.

GRN Green ABS plastic bowl.

YEL Yellow ABS plastic bowl.

G1814P Eyewash, Wall Mounted, Plastic Bowl

APPLICATION: Eyewash for wall mounting. Two spray-type outlet 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.

Additional Model

G1814 Same as G1814P except with stainless steel bowl in place of ABS plastic.



G1819 Eyewash, Wall Mounted, Less Bowl

APPLICATION: Eyewash for wall mounting. Two spray-type outlet heads deliver a flood of water for rinsing eyes. 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 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: 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.



G1806 Eyewash, Deck Mounted, 90° Swivel

APPLICATION: Eyewash 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 counter top.

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.

Additional Model

G1806LH Same as G1806 except for mounting on left side of sink.



DC Stainless steel dust cover for each spray head.

HS Auxiliary hand-held drench hose.

SC Self-closing ball valve.

T Chrome plated brass tailpiece and trap with 1 1/2" IPS waste connection.

TMV G3600 thermostatic mixing valve.

GRN Green ABS plastic bowl.

YEL Yellow ABS plastic bowl.

Available Options

G5022 Eyewash/Drench Hose Unit, Deck Mounted



APPLICATION: Dual purpose eyewash/drench hose for deck mounting. *Unit meets the provisions of ANSI Z358.1-2009 as both an eyewash and a drench hose.* Unit may be left in the deck flange for use as a fixed eyewash, 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.

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.

G5026 Eyewash/Drench Hose Unit, Wall Mounted



APPLICATION: Dual purpose eyewash/drench hose for wall mounting. *Unit meets the provisions of ANSI Z358.1-2009 as both an eyewash and a drench hose.* Unit may be left in the mounting bracket for use as a fixed eyewash, 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.

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.

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.

G5046 Eyewash/Drench Hose Unit, Wall Mounted



APPLICATION: Dual purpose eyewash/drench hose for wall mounting. *Unit meets the provisions of ANSI Z358.1-2009 as both an eyewash and a drench hose.* Unit may be left in the mounting bracket for use as a fixed eyewash, 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.

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 spray head.
- FSH** 8' flexible stainless steel hose in place of PVC hose.
- HG** Undercounter hose guide bracket to prevent hose from tangling or binding.

- BP** Backflow preventer for installation on inlet of hose.
- VB** In-line vacuum breaker for installation between valve and spray head.
- TMV** G3600 thermostatic mixing valve.

G1902P Safety Station with Eyewash, Plastic Bowl

APPLICATION: Combination eyewash and shower safety station.

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.

EYEWASH BOWL: 11 1/2" diameter orange ABS plastic.

EYEWASH 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.

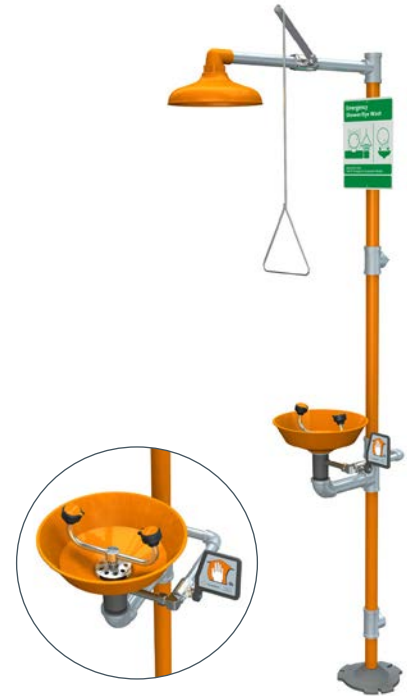
QUALITY ASSURANCE: Valve and spray head assemblies are factory assembled and water tested prior to shipment.

Additional Model

G1902 Same as G1902P except with stainless steel bowl in place of plastic.

G1902BC Same as G1902P except with stainless steel bowl and cover to protect bowl from dust, dirt and other contaminants.

G1902P-HFC Same as G1902P except eyewash valve is activated by flag handle and foot treadle.



GBF1909 Barrier-Free Safety Station with WideArea™ Eye/Face Wash

APPLICATION: Handicapped accessible combination 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 orange ABS plastic.

SHOWER VALVE: 1" IPS chrome plated brass stay-open ball valve with stainless steel actuating arm and 47 1/2" 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.

Additional Model

GBF1909SSH Same as GBF1909 except with stainless steel shower head in place of ABS plastic.

APBF250-015 Modesty curtain for GBF1909.



GC Powder coated finish on galvanized pipe and fittings (specify color).

BC Stainless steel bowl cover for eyewash.

GRN Green ABS plastic shower head.

YEL Yellow ABS plastic shower head.

SSH Stainless steel shower head.

FC20 Regulates shower flow rate to 20 GPM.

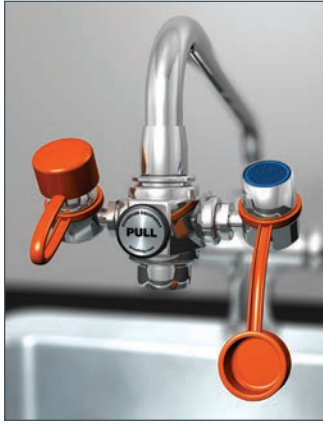
TMV G3800 thermostatic mixing valve.

AP275-100 Electric Light and Alarm Horn Unit.

AP250-015 Modesty Curtain.

Available Options

G1100 EyeSafe™ Faucet-Mounted Eyewash, Adjustable Aerated Outlet Heads



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 eyewash; water pressure holds eyewash 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 eyewashes, whether manufactured by Guardian Equipment or other companies, require two motions to operate (turn on water, pull knob to activate eyewash flow). Therefore, Guardian does not believe that these units meet the provisions of ANSI Z358.1-2009 as eyewash units. These units are intended solely as supplemental units in addition to dedicated, plumbed eyewash equipment installed in the workplace.*

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

Additional Model

G1101 Same as G1100 except outlet heads are mounted on arms 5" apart.

G1540 AquaGuard™ Gravity-Flow Portable Eyewash, 16 Gallon



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 eyewash 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' long drain hose in basin directs discharge into floor drain, storage tank or other receptor.

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

DISCHARGE TIME: Eyewash 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. Unit furnished with 1 bottle of bacteriostatic additive.

Additional Model

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



Thermostatic Mixing Valves



APPLICATION: Tempering valve to blend hot and cold water to deliver tepid water. Depending on size, valves may be used with single or multiple installations of emergency showers, eyewashes, eye/face washes, dual purpose eyewash/drench hoses and safety station units.

TEMPERATURE CONTROL: Valves have 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). Valves have dial thermometer on outlet to monitor temperature of delivered water. *Note: Valves 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 valves to deliver cold water to emergency unit. In event of loss of cold water supply, valves will close and not deliver water.

SUPPLY PRESSURE: 30 PSI minimum supply pressure is required for proper operation of valves. Maximum supply pressure is 125 PSI.

MOUNTING: Furnished with heavy duty mounting bracket for securing valve to panel or wall.

QUALITY ASSURANCE: Valves are completely assembled and water tested prior to shipment. This unit is certified to ASSE 1071.

MODELS	G3600	G3700	G3800
Flow Capacity	0.5-6 GPM	3.0-34 GPM	3.0-44 GPM
Inlet Size	1/2" female copper	3/4" NPT female	1" NPT female
Outlet Size	1/2" NPT female	1" NPT female	1 1/4" NPT female

IMPORTANT: *Thermostatic mixing valves must be activated weekly to assure proper operation and prevent building of scale or other debris that might interfere with proper operation of valve.*

