



# model 8300.158

## AXION® MSR Emergency Shower and Eyewash

### FEATURES & BENEFITS

#### CONSTRUCTION

1-1/4" IPS Schedule 40 hot-dipped galvanized steel pipe and fittings along with powder-coated cast-iron 9" (22.9 cm) diameter floor flange provide corrosion resistance in a long lasting product.

#### QUALITY CONTROL

Eye/face wash and valve assembly are pre-built and fully water/pressure tested to ensure no leaks and proper function which ultimately reduces installation time.

#### VALVES

Eyewash and shower ball valves are designed to make the flushing of fluid remains occur with the simple pull of a lever or push of a stainless steel flag. The ball and stem is stainless steel to provide greater protection against corrosion and breakage, and is equipped with a special self-draining feature to prevent the unit from freezing.

#### SHOWERHEAD

AXION® MSR ABS plastic drench showerhead uses a hydrodynamic design to give equal distribution of water throughout the entire footprint of flow.

#### FLOW CONTROLS

Green ABS designed plastic showerhead and anti-surge Soft-Flo eyewash heads equipped with integral 20 gpm (75.7 L) flow shower control and built in 1.2 gpm (4.5 L) flow eyewash control allow both parts of the emergency equipment to be safely used simultaneously. Flow controls provide the optimal water flow for an ideal coverage area.



### SPECIFICATIONS

Model 8300.158 combination shower and eyewash shall include an AXION® MSR hydrodynamic showerhead with 20 gpm flow control, stainless steel 11" round bowl, stainless steel eyewash yoke assembly with green Soft-Flo ABS plastic eyewash anti-surge heads with integral flow controls and dust covers, chrome-plated brass stay-open shower and eyewash ball valves equipped with stainless steel ball and stem, and automatic thermal actuator freeze protection bleed valve that will fully open at 35° F (1.7° C), and closes when the water climbs back to 42° F (5.6° C). Unit shall also include powder-coated cast-iron 9" (22.9 CM) diameter floor flange, universal sign, self-adhesive high visibility safety green and bright yellow stripes, and 1-1/4" NPT supply.

### OPTIONS

- ☐ Scald Protect Bleed Valve: Model SP157A, stainless steel scald protection bleed valve. Automatic thermal actuator bleed valve opens when internal water temperature reaches 98° F (36.7° C) and closes at 95° F (35° C).
- ☐ Emergency Alarm System: Model 9001ExP 120 VAC Class 1, Division 2, Groups B, C, and D emergency alarm system. Buzzer and flashing light are activated by an 1-1/4" NPT double pole, double throw flow switch.
- ☐ Thermostatic Mixing Valve: Model 9201E AXION® Emergency Tempering Valve thermostatically mixes hot and cold water to provide a safe fluid supply for emergency showers and eyewash equipment, with a flow rate of 31 gpm (117.3 L).
- ☐ Emergency Alarm System: Model 9001, 1-1/4" 120 VAC emergency alarm and light system. Buzzer and flashing light are activated by an 1-1/4" double pole, double throw flow switch.

For more information, visit [www.hawsco.com](http://www.hawsco.com) or call (888) 640-4297.

### APPLICATIONS

Where the eyes or body of any person may be exposed to injurious or 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. Emergency eyewash facilities and deluge showers shall be in unobstructed and accessible locations that require no more than 10 seconds for the injured person to reach. Model 8300.158 is certified by CSA to meet the ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment.

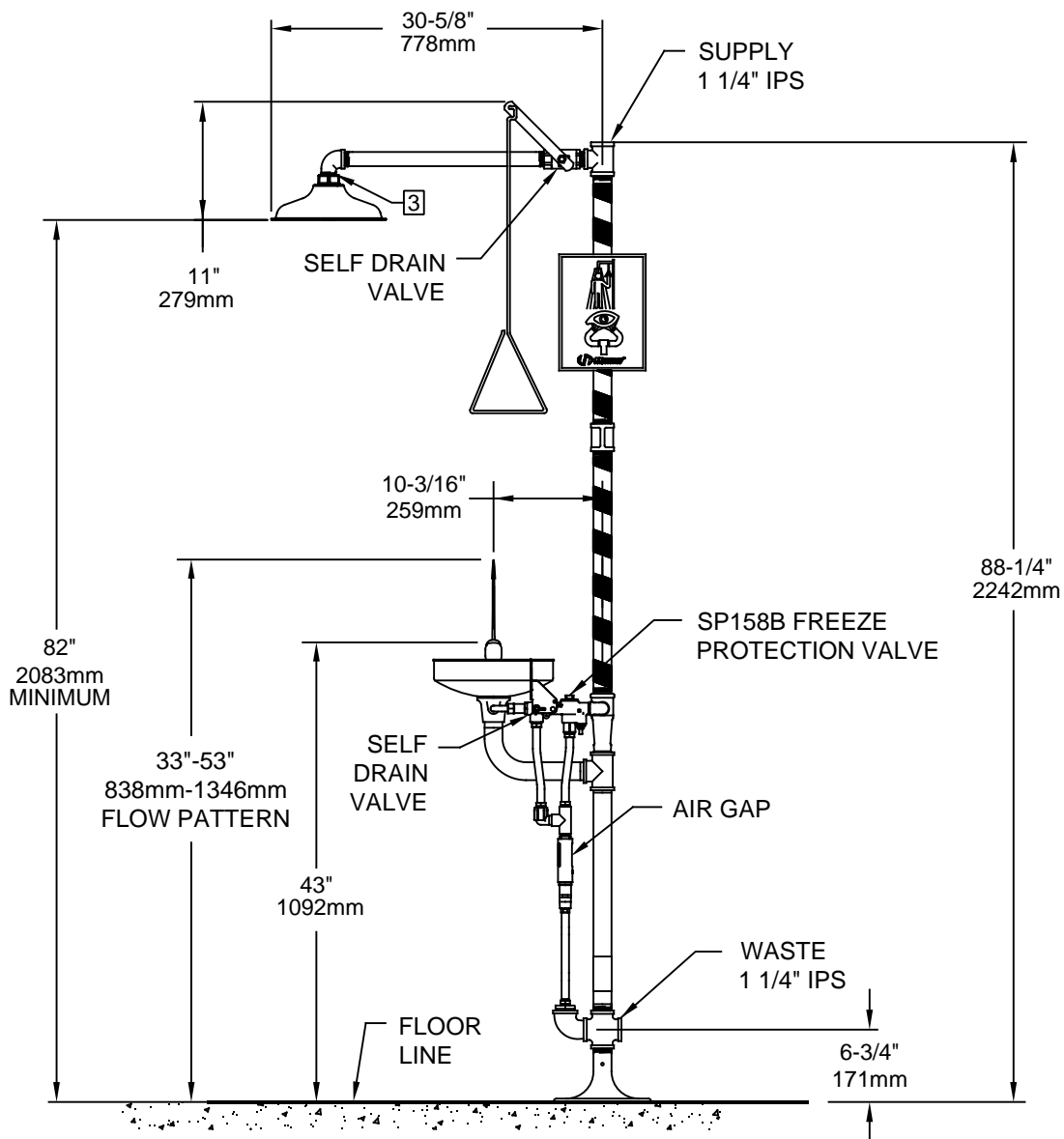
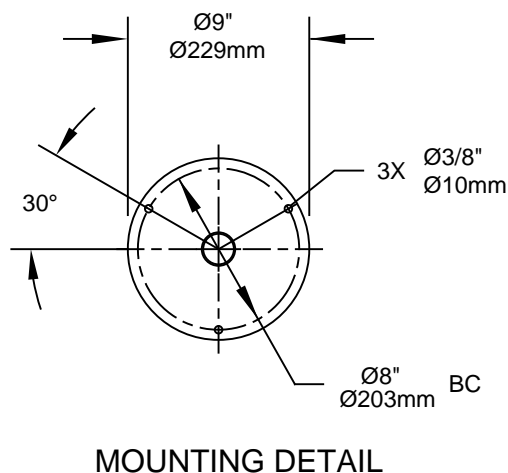


# NOTES:

1. WHEN INSTALLING THIS UNIT, LOCAL, STATE, OR FEDERAL CODES SHOULD BE ADHERED TO FOR INSTALLATION DIMENSIONS (LOCATIONS), WASTE AND SUPPLY REQUIREMENTS OTHER THAN SHOWN.
2. TO COMPLY WITH ANSI Z358.1-2014 FOR EMERGENCY EYEWASH OR EYE/FACE WASH:
  - EYEWASH OR EYE/FACE WASH SHALL BE POSITIONED SUCH THAT FLUSHING FLUID PATTERN IS NOT LESS THAN 33" (838mm), NO GREATER THAN 53" (1346mm) FROM SURFACE ON WHICH USER STANDS, AND 6.0" (153mm) MINIMUM FROM WALL OR NEAREST OBSTRUCTION.
  - SHOWER SHALL BE POSITIONED SUCH THAT SHOWER HEAD IS NOT LESS THAN 82" (2083mm) OR GREATER THAN 96" (2438mm) FROM SURFACE ON WHICH USER STANDS.
  - SHOWER SPRAY PATTERN SHALL HAVE A MINIMUM DIAMETER OF 20" (508mm) AT 60" (1524mm) ON WHICH USER STANDS. CENTER OF SPRAY PATTERN SHALL BE LOCATED AT LEAST 16" (406mm) FROM NEAREST OBSTRUCTION.

3 DO NOT USE PIPE SEALANT. IF NECESSARY USE DOW CORNING 832 SEALANT PLACING FIVE SMALL BEADS ON MALE THREADS, JUST ABOVE THE FIRST THREAD.

4. DIMENSIONS MAY VARY BY  $\pm 1/2"$  (13 mm).



|   |  |             |  |              |  |                                  |  |   |  |              |  |         |  |              |  |
|---|--|-------------|--|--------------|--|----------------------------------|--|---|--|--------------|--|---------|--|--------------|--|
|  |  |             |  | <b>Haws®</b> |  |                                  |  | 1455 KLEPPE LANE<br>SPARKS, NEVADA 89431<br>(775) 359-4712 FAX (775) 359-7424<br>E-MAIL: HAWS@HAWS.CO.COM<br>WEBSITE: WWW.HAWS.CO.COM |  |              |  |         |  |              |  |
| ECN NO.   |  | REVISED PER |  | BY:          |  | MODEL(S)                         |  |   |  | PART NUMBER  |  |         |  |              |  |
| ECN: 5241   |  | VWC         |  | VWC          |  |                                  |  |   |  | 0002080167.D |  |         |  |              |  |
| DRAWN:  |  | DATE:       |  | CHK'D:       |  |                                  |  |   |  | REVISION     |  |         |  |              |  |
| CH  |  | 07/91       |  | VWC          |  | 8300.158 SHOWER<br>EYEWASH COMBO |  |   |  | 15           |  |         |  |              |  |
| APPROVED:   |  | DATE:       |  |              |  | SCALE: 1:1                       |  | DRAWING TYPE:   |  | INSTALLATION |  | SIZE: A |  | SHEET 1 OF 1 |  |
| FV  |  | 11/23/17    |  |              |  |                                  |  |   |  |              |  |         |  |              |  |