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ANSI/ISEA Z358.1 Certified
Patent Information:
tepid.com/patents

Stingray Systems

T2236

Eyewash Cabinet Unit w/ mixing valve

T2536

Eye/Face Wash Cabinet Unit w/ mixing valve



The T2236/T2536 emergency eye wash or eye/face wash station is a wall-mounted or recessed unit that includes an integrated mixing valve so that the plumbing can be run directly to the unit. The eye/face wash shall be manufactured of corrosion resistant materials. The integral valve assembly shall have 1/2" connections with check valves for hot and cold-water inlet connections. Unit shall include universal ANSI compliant sign.

The integral ASSE 1071 approved mixing valve assembly shall control outlet temperature over a wide range of flow and shall be suitable for either eye wash or eye/face wash applications in order to comply with the latest ANSI/ISEA Z358.1 requirements. Temperature adjustment shall be vandal resistant. The control mechanism shall employ a liquid-filled thermostatic motor to drive the valve without additional power requirements. The control mechanism shall employ a stainless steel sliding piston control device with reverse seat closure and both fixed and variable cold-water bypass.

In the event of interruption of the cold water supply, the control mechanism closes off the hot water port, stopping all flow (POSITIVE HOT WATER SHUTOFF). In the event of interruption of the hot water supply, the control mechanism shall allow cold flow through both the fixed and variable

bypass. In the event that the liquid motor fails, the control mechanism closes off the hot water port with the reverse seat and fully opens the internal variable bypass to allow cold-water flow.

The eye/face/wash portion shall be housed in an 18-gauge, Type 304 stainless steel cabinet to conceal and protect the fixture. The cabinet will have an integral access panel to allow access to the emergency-mixing valve. A stay open ball valve and linkage accomplishes the activation of the unit via opening of the door. The 1 1/2" drain is at the bottom of the cabinet. The spray heads shall be incorporated into a Quick Switch Eyewash Block that can be easily removed and serviced, allowing the supply piping to be flushed.

The fixture shall be installed at the correct elevation per ANSI Z358.1, be level and be self-draining to hinder bacteria growth. The fixture shall also be independently certified to meet the latest ANSI Z358.1 requirements.

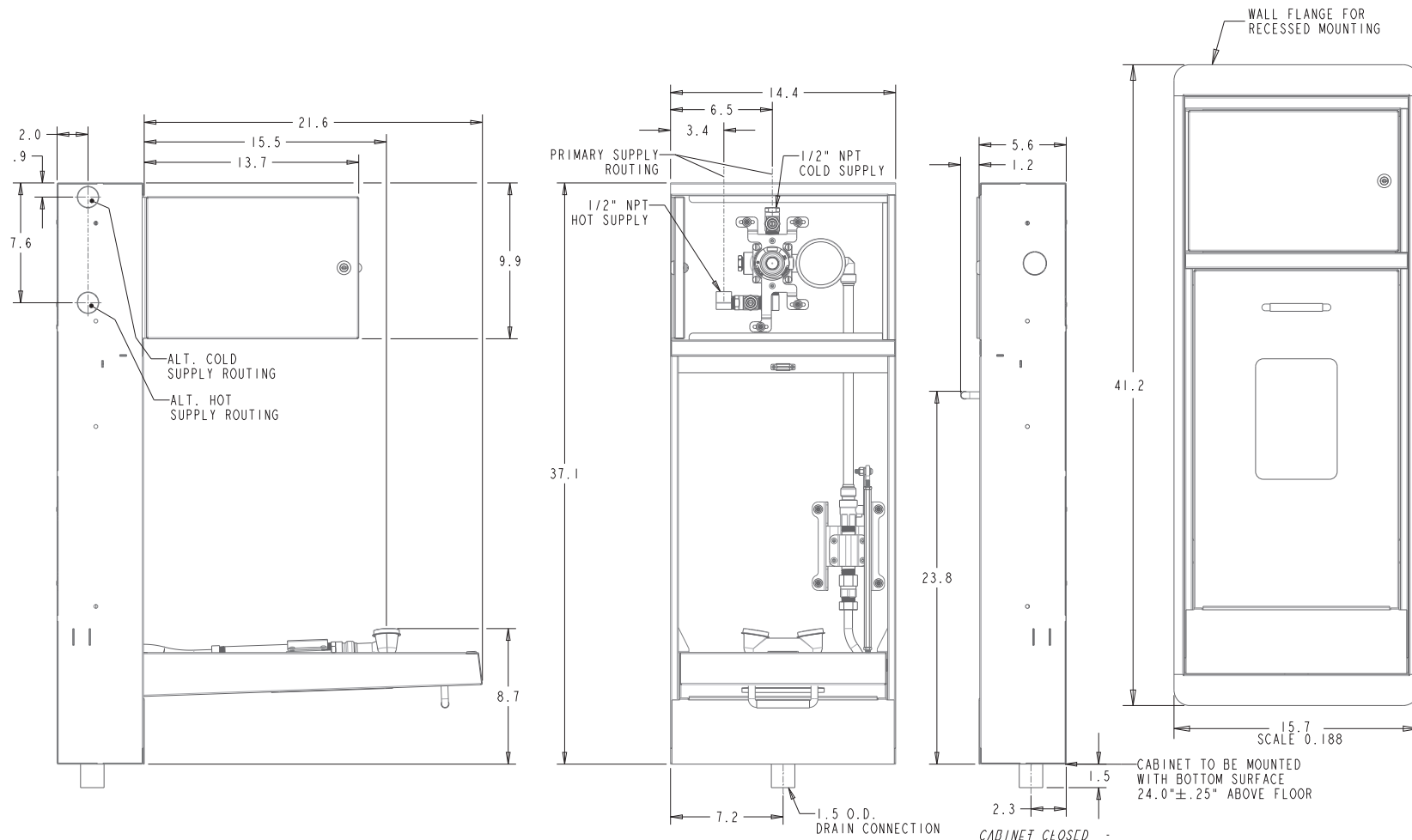
As an eyewash, this unit will have a regulated flow rate of a minimum of .4 gpm measured at 30 psi and as an eye/face wash a minimum of 3 gpm measured at 30 psi.

Quick Switch Eyewash Element Options:

- Filter (FLT)
- No Filter (NFT)



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