

Soap Mix System Model UPR-CMS1

Hydro Engineering provides a safe and simple solution to mixing UPRR soaps to a consistent 2 to 1 water to soap dilution.

Here is how it works:

There are three required connections to the following female pipe thread (FPT) connectors:

1. **Soap in;** a ¾" FPT is supplied for the soap supply.
2. **Water in;** a ¾" FPT is supplied for the fresh water supply.
3. **Mixed soap out;** a 1" FPT is supplied for the mixed soap discharge.



The Soap Mix System will automatically meter the soap concentrate and water to provide the exact solution strength required by the application. The system discharge is automatically set to provide up to 10 GPM of mixed soap solution. The discharge pressure is adjustable up to 90 PSI. This system is designed with backflow prevention to insure that soap can't backflow into the water supply nor water into the soap supply.

Requirements:

Water inlet supply (¾", minimum 6 GPM)
Soap inlet supply (¾", minimum 4 GPM)
Soap discharge (1" connection that provides 70-90 PSI)
110 Volt Single Phase power, minimum 20 amps

Weight: 504 LBS.

Dimensions: 20" wide X 46" long x 71" high