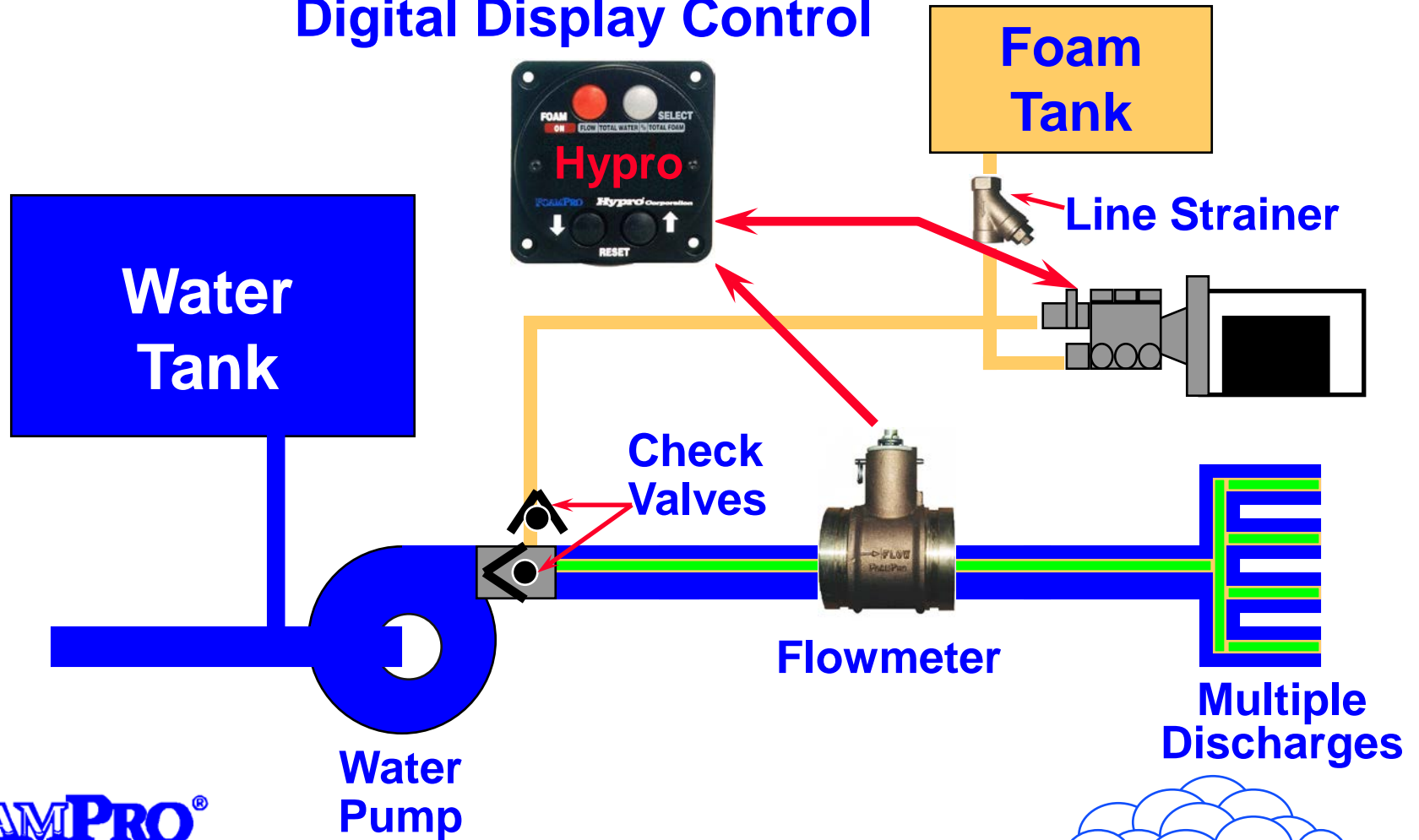

FoamPro 2000 Series Operational Training

FoamPro Electronic Direct Injection Proportioner

Digital Display Control



Hypro - FoamPro

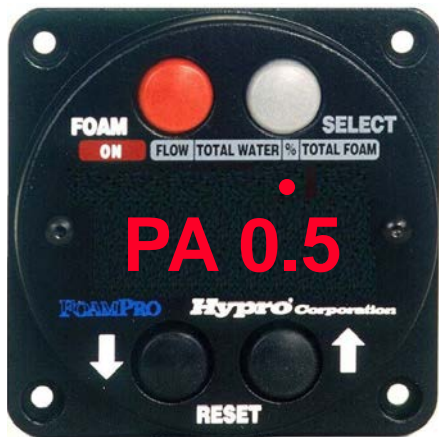
Digital Display Features



Water Flow
in GPM



Total Gallons
of Water
Flowed



Foam
Concentrate
Injection
Percentage



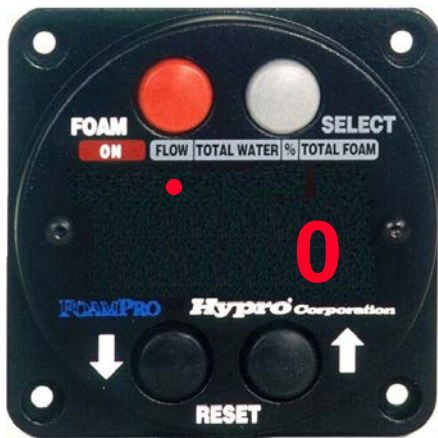
Total Foam
Concentrate
Injected

Hypro - FoamPro

Digital Display Operation Features



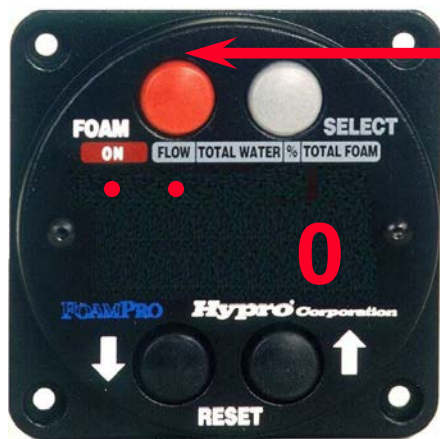
- When the Hypro-FoamPro is powered up the digital display reads “**Hypro**”, then goes to flow and “**0**” reading.



- Then FoamPro proportioner is in standby mode operating as a flowmeter only.

Hypro - FoamPro

Digital Display Operation Features



- Push the red “**FOAM**” button and the “**ON**” light will illuminate.
- Open a discharge monitored by the FoamPro Flowmeter, the display will show flow in GPM.

- When the foam concentrate pump is running the “**ON**” light will blink.



Hypro - FoamPro

Digital Display Operation Features



Water Flow in
Gallons per Minute

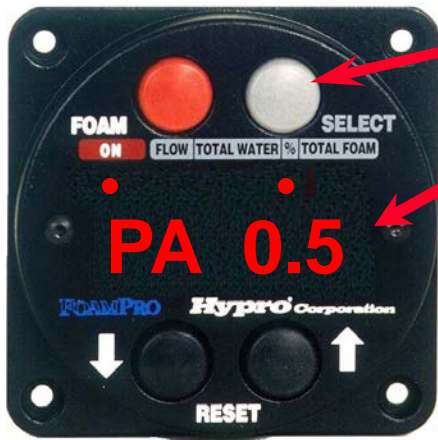


Push the “**Select**” Button, then:

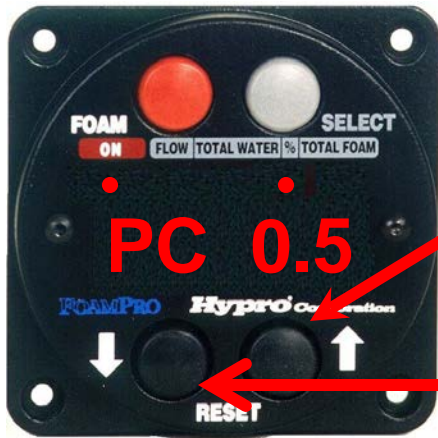
Total Gallons of
Water Flowed

Hypro - FoamPro

Digital Display Operation Features

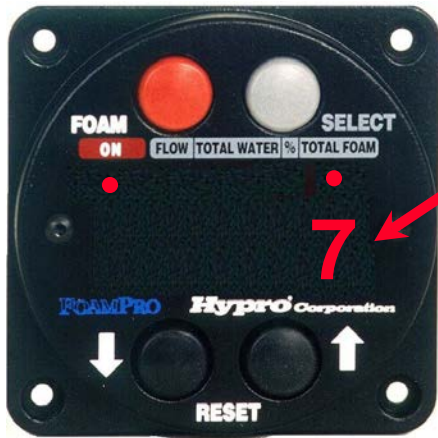


- Push the “**SELECT**” Button.
- Defaulted Foam Concentrate Injection Percentage.
 - Single Tank Option, **PA**.
 - Remote Start/Stop Option, **PC**.
- Selecting Injection Percentage.
 - In any Mode, press the **UP** or **DOWN** button momentarily, displays current %. Hold either button for 2 second to increase or decrease the %.
 - In % Mode, displays current %, push the **UP** or **DOWN** button to increase or decrease %.



Hypro - FoamPro

Digital Display Operation Features

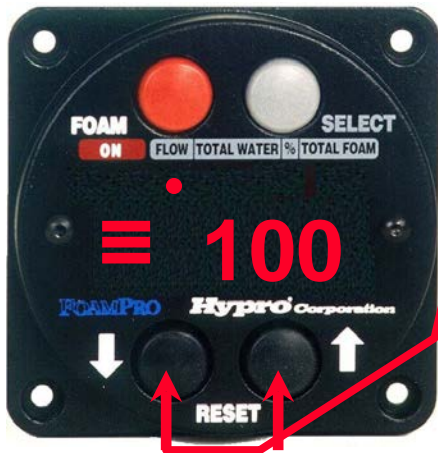


- Push the **“SELECT”** Button
- Total Amount of Foam Concentrate Injected.

- In dual tank option, displays foam concentrate used in Tank A or Tank B.

Simulated Flow

- In flow mode push both buttons simultaneously .
- FoamPro system is in a manual mode.
- To operate the foam pump push the red **“FOAM”** button to turn on and off the foam pump.



Hypro - FoamPro

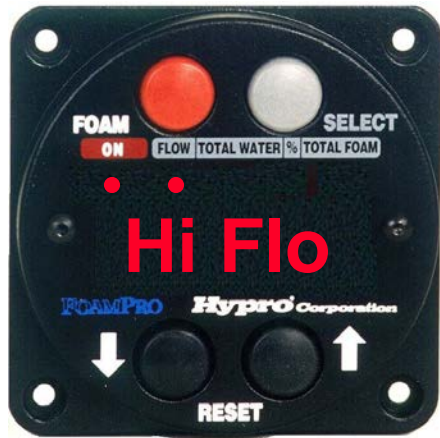
Digital Display Operation Features



- When **“Lo con”** is Displayed.
 - Selected foam concentrate tank is getting low.
 - If foam concentrate is added within 2 minutes **“Lo con”** goes out.
 - If no foam concentrate is added within 2 minutes **“no con”** is displayed.
- When **“no con”** is Displayed.
 - Foam concentrate pump will not run.
 - Add foam concentrate until **“no con”** display goes out then push red **“FOAM”** button to start the foam pump.

Hypro - FoamPro

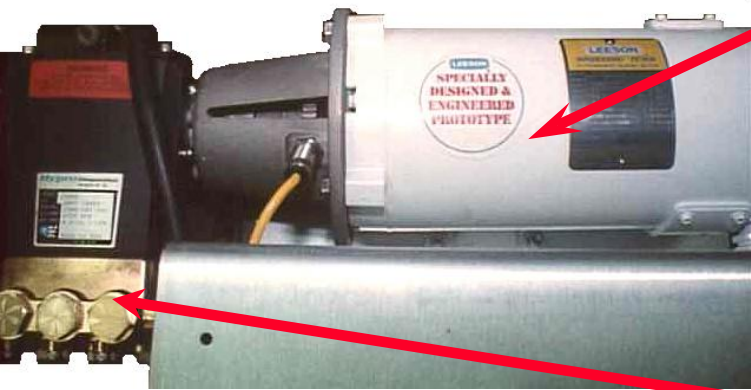
Digital Display Operation Features



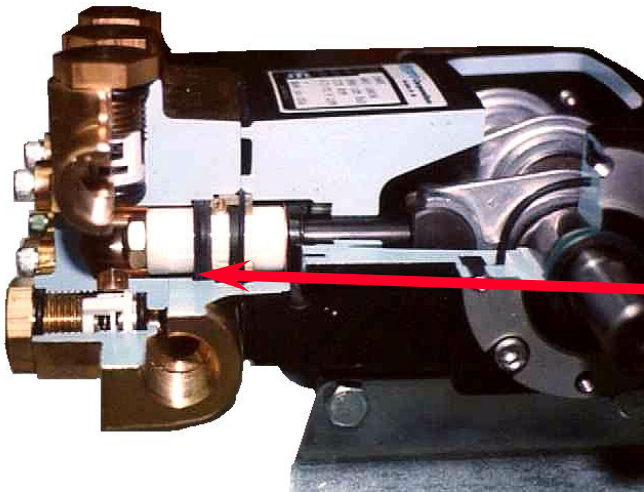
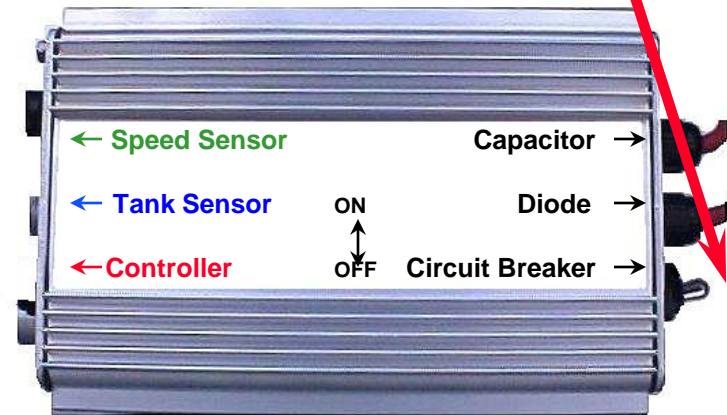
- “Hi Flo” Display.
 - Occurs when the water flow and selected foam concentrate injection percentage exceeds the foam pump capabilities.
 - Informs pump operator when this situation occurs.
 - Lower foam concentrate injection percentage or water flow to stop the flashing “Hi Flo” display.

Hypro - FoamPro

Motor, Electronics & Pump Features



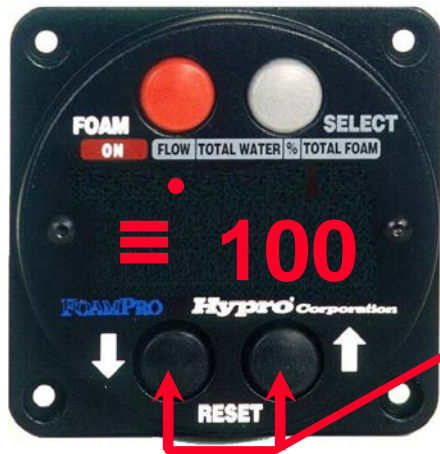
- Totally Enclosed Environmentally Sealed Motor
- Electronic Circuit Breaker



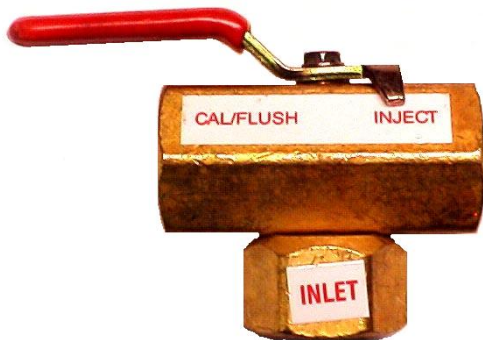
- 400 psi max operating pressure.
- Pump constructed of materials compatible with foam concentrates.

Hypro - FoamPro

Purging Air From Foam Pump



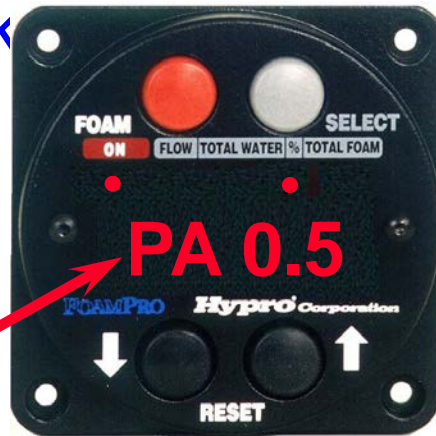
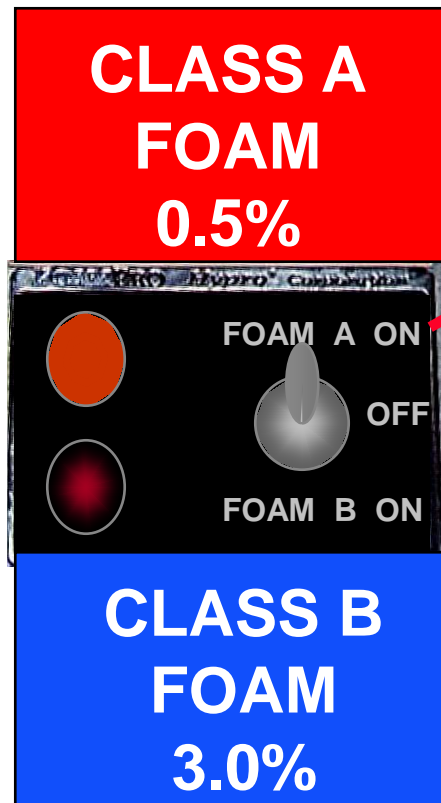
- Enter Simulated Flow mode.
- Turn Cal/Injection valve to Cal/Flush position.
- Push red **“FOAM”** button to run foam pump.
- Run until foam concentrate is flowing steadily out the dump line.
- Push red **“FOAM”** button to stop foam pump.
- Turn Cal/Injection valve back to Inject.
- Exit Simulated Flow mode.



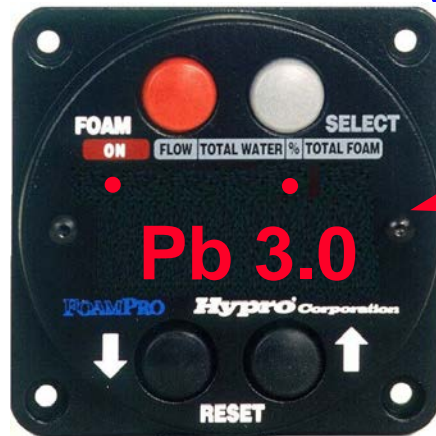
Hypro - FoamPro

Dual Foam Concentrate Tank Options

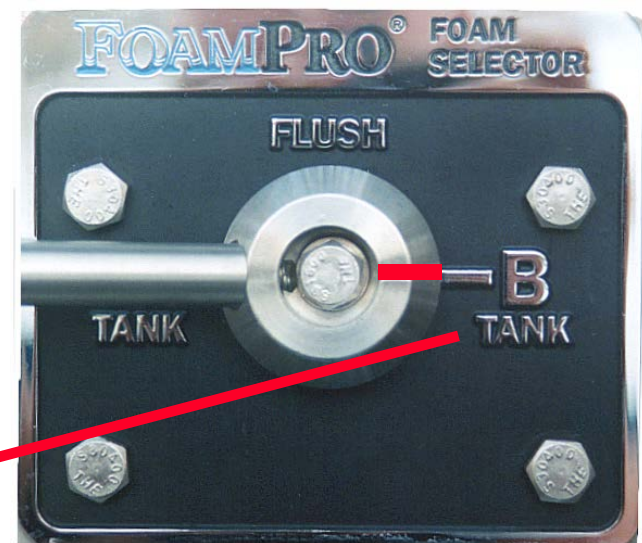
Electronic Dual Tank



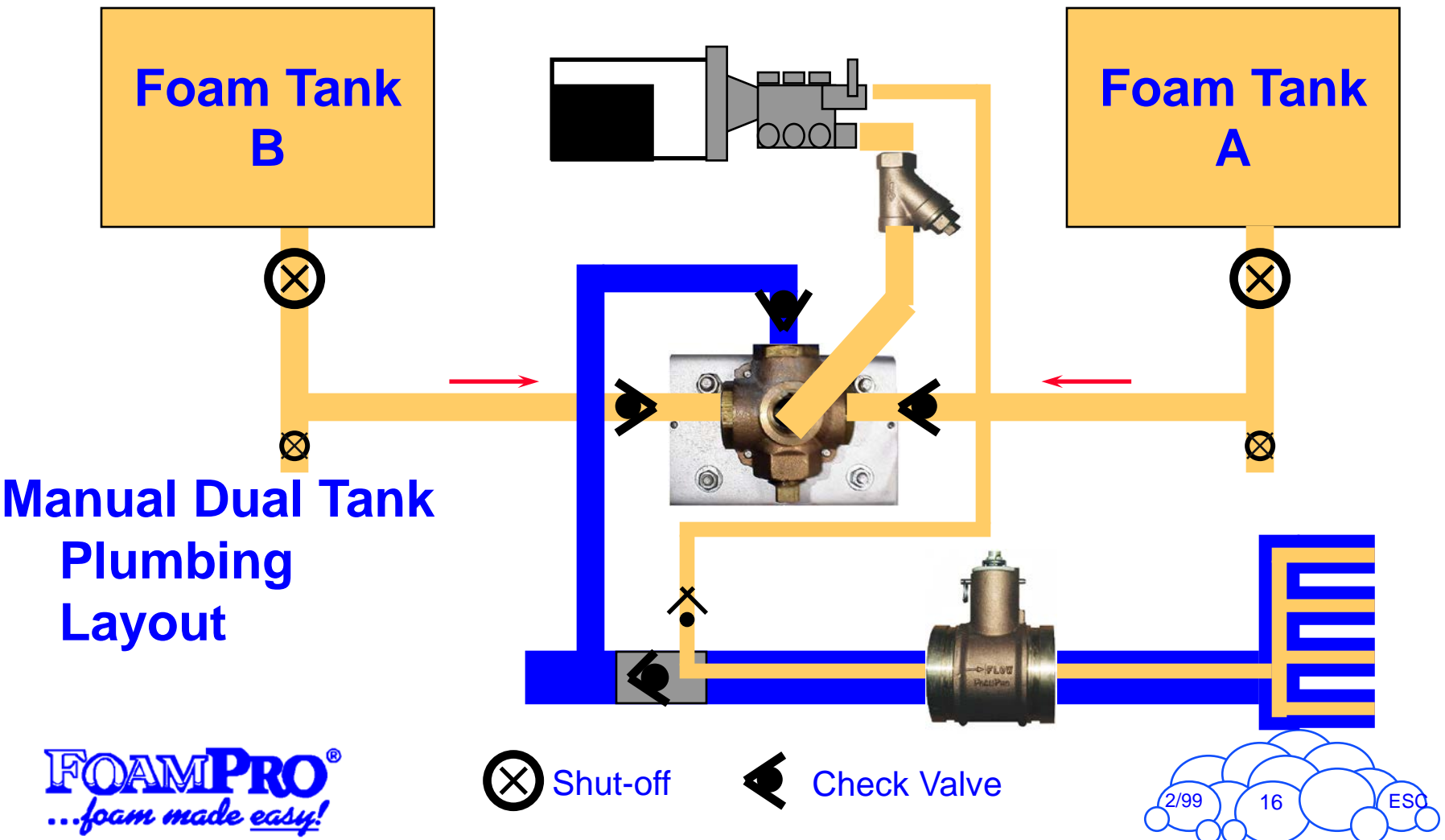
Default Settings



Manual Dual Tank

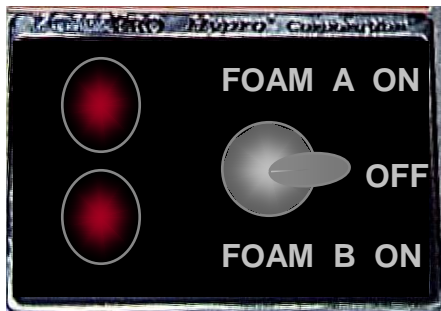
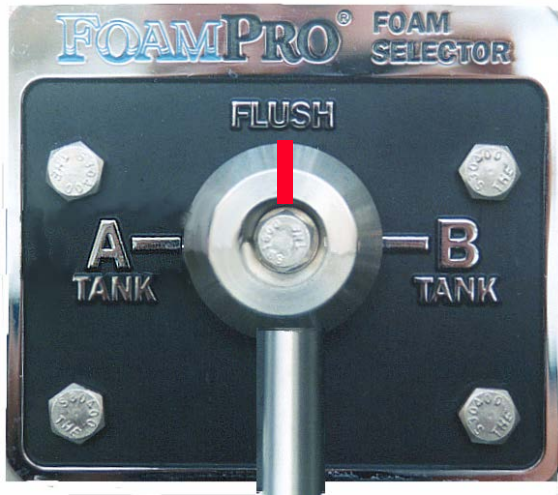


Hypro - FoamPro Manual Dual Tank System



Hypro - FoamPro

Flushing the Foam System



- FoamPro pump does not require flushing when using Class A Foam.
 - After operating the FoamPro system push the “**FOAM**” button to stop the foam concentrate pump and flow the discharges till clean water is flowing.
- Flush after using Class B Foams.
 - Flow water out of the discharge, push the “**FOAM**” button to start the pump.
 - With a Manual Dual Tank
 - Turn handle to manual flush position.
 - With a Electronic Dual Tank
 - Off position is constant flush.

Hypro - FoamPro System Reset



Total Water

%

Total Foam

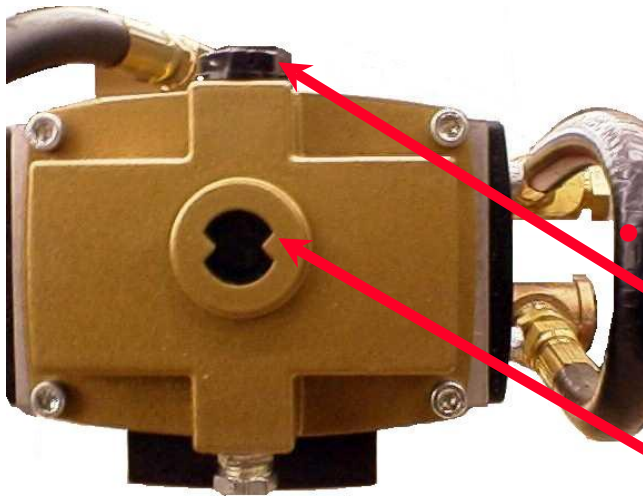
- Reset these modes to “0” or % to default setting.
- Push both the ↓ and ↑ buttons in desired mode.

Hypro - FoamPro

Maintenance of the System



- **Foam Concentrate Strainer**
 - Cleaned out regularly.
 - When foam pump is running and a little or no foam concentrate is being injected, check for clogged strainer.
 - Always after cleaning strainer purge all air from the foam system.



- **Foam Concentrate Pump Oil**
 - Check dip stick at top of pump.
- OR
- Check site glass to see if full.