



HydroMinder

Liquid Level Maintenance for Ultra-Concentrate Chemicals

For more than twenty years, HydroMinder float valves have been the industry standard in vehicle wash for chemical dilution technology, keeping any reservoir filled with consistently mixed solution. When the liquid level in a reservoir drops, HydroMinder's float opens a non-electric, magnetic valve and the flow of water siphons liquid concentrate into the water stream, automatically maintaining a level of ready-to-use solution.

However, many car wash chemical companies have moved to "ultra" concentrates. Ultra concentrates have dilutions down to approximately 2500:1 and can be found in many different applications including sealer, protectant, drying agent, detergent, conditioner, etc. These chemicals have varying pH levels and carry a different dilution ratio depending on their job function. This has resulted in clogged metering tips and poor dilution performance.

Therefore, as the vehicle wash industry evolves, so are we. We have now expanded our HydroMinder portfolio to include HydroMinder ULD, which delivers ultra lean dilution capabilities and the necessary chemical resistance to handle it all – from low pH to high pH.

HydroMinder ULD also features our patented AccuPro Technology, eliminating dilution variance by controlling the amount of water allowed into the unit and never allowing it to "lean out" the desired dilution target.



Features and Benefits

- Uses water power – no electricity required
- Built with high quality, chemically resistant materials
- Economical, easy to operate and maintain – minimizes downtime
- Better chemical performance – designed specifically for use with ultra-concentrate car wash chemicals with dilution capability down to 2500:1
- Features ULD technology eliminating clogged metering tips
- Can be used with a variety of vehicle wash chemicals ranging from low to high pH
- Features AccuPro Technology, delivering dilution accuracy in the presence of inlet water pressure fluctuations



Perfect for

- Pre-Soak
- Detergent
- Special Chemical Applications
- Wax/Protectants/Rinse Aids
- Tire Care

General Specifications

| | |
|----------------|--------------------------------|
| Dilution Range | 7:1 to 2500:1 |
| Accuracy | +/- 10% in most configurations |
| Chemicals | Acids, Bases and Neutral pH |

| Model Number | Dilution Range | Flow Rate Range | Operating Pressure Range | Approximate Dimensions | Weight |
|--------------|------------------|------------------------|--------------------------|--------------------------------|----------|
| HYD550CWTP | 550:1 to 7:1 | 4 to 4.5 GPM at 40 psi | 20 to 80 psi dynamic | 12.5" tall x 2" wide x 6" deep | 2.3 lbs. |
| HYD550CW | 550:1 to 300:1 | 4 to 4.5 GPM at 40 psi | 20 to 80 psi dynamic | 12.5" tall x 2" wide x 6" deep | 2.3 lbs. |
| HYD1000CW | 1000:1 to 600:1 | 4 to 4.5 GPM at 40 psi | 20 to 80 psi dynamic | 12.5" tall x 2" wide x 6" deep | 2.3 lbs. |
| HYD1700CW | 1700:1 to 1100:1 | 4 to 4.5 GPM at 40 psi | 20 to 80 psi dynamic | 12.5" tall x 2" wide x 6" deep | 2.3 lbs. |
| HYD2500CW | 2500:1 to 1800:1 | 4 to 4.5 GPM at 40 psi | 20 to 80 psi dynamic | 12.5" tall x 2" wide x 6" deep | 2.3 lbs. |

ULD-only Packages

| Kit Number | Model Number Covered |
|-------------|----------------------|
| HYD10099869 | HYD550CW |
| HYD10099870 | HYD1000CW |
| HYD10099871 | HYD1700CW |
| HYD10099872 | HYD2500CW |



Hydro Systems

Americas
Europe
Asia Pacific

+1 513-271-8800
+49 (0) 2065 89205-0
+86 21-6187-1030

contact-hydro@hydrosystemsco.com
info@hydrossystemseurope.com
sales.hydro@hydrosystemschina.com

www.hydrosystemsco.com
www.hydrossystemseurope.com
www.hydrosystemschina.com