

Hydro-Solv™ 9100

Hydronic System Cleaner for New and Used Systems

- Specially Formulated for Hydronic Systems
- Clean, Solder-flux, Cutting Oil, Rust and Dirt
- Remove Scale and Corrosion from Fouled Systems!
- Recover Lost Efficiency
- Removes Bacteria
- Cleaning the System will Lower Heating Bills
- Effectively Cleans Aluminum, Brass, Copper, Iron and Steel

Solves Hydronic System Cleaning Problems!

- Safe on All Hydronic System Components
- Non-Hazardous
- Environmentally Friendly
- Contains No Acids or TSP

**“BE PROFESSIONAL—PROPERLY
CLEAN THE SYSTEM”**

*Let Hydro-Solv™ 9100
Be Part of Your Hydronic
Maintenance Program.*



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Product Data Sheet

ADVANTAGES:

Hydro-Solv™ 9100 is the product of choice for "online" and "new installation" clean-up jobs. It is recommended that all new hydronic systems be cleaned and passivated with **Hydro-Solv™ 9100** prior to putting the system in service. **Hydro-Solv™ 9100** will penetrate and disperse a broad range of mineral and organic foulants and help recover lost efficiency in older fouled and corroded systems. In addition, **Hydro-Solv™ 9100** contains a corrosion inhibitor additive that will help protect system metals during the cleaning process. When used as directed, **Hydro-Solv™ 9100** effectively cleans aluminum, brass, copper, iron and stainless steel. **Hydro-Solv™ 9100** will not harm flexible tubing and contains no acids or heavy metals.

DIRECTIONS:

1. Open all zone valves on system to be cleaned.
2. Thoroughly flush the system to remove as many contaminants as possible and the water appears clean.
3. Add **Hydro-Solv™ 9100** cleaner at the rate of 1 gallon per 50 gallons of system water or until a red color is visible. When used as directed, **Hydro-Solv™ 9100** is safe to run through the boiler during the cleaning process.
4. **New Installations:** Circulate **Hydro-Solv™ 9100** cleaner 4-6 hours, then flush the system until water becomes "tap water" clear.

Older Systems: For non-aluminum cleaning: circulate for several days or until water becomes visibly fouled, then flush until clear. Older systems with black iron pipe may require additional cleaning to remove all the debris. Repeat the cleaning process until water remains clear. Thoroughly flush to remove cleaner.

Aluminum Boilers: Cleaning time should be limited to 8 hours when circulating through an aluminum boiler. This restriction can be avoided by bypassing the boiler. Many existing systems will contain glycol or additives that are not compatible with aluminum and produce a pH that may be too high. After cleaning, be sure to flush the system with makeup water until the fluid pH is 8.0 or below. This will help to ensure that all of the old fluid and cleaning solution are removed. (Note: the low pH range will be limited to makeup water pH.)

NOTE: Heating the system to operating temperature will improve results.

5. After cleaning and flushing, add **Pro-Tek®** corrosion inhibitor treatment or **RhoGard™** inhibited glycol for long-term protection.

Caution:

AVOID CONTACT WITH SKIN OR EYES. DO NOT TAKE INTERNALLY!
See MSDS for complete health and safety data.



DISTRIBUTED BY:

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