

## UltraVapor Cleaning: Industrial and mechanical applications

With Rea UltraVapor equipment:

- ☑ Save money by cutting water consumption up to 95%, significantly reducing waste water creation and reducing or eliminating the use of solvents and caustics.
- ☑ Reduce labor and material costs associated with cleaning water sensitive equipment and components.
- ☑ Safely clean and detail production equipment.
- ☑ Reduce scheduled downtime required for equipment cleaning.
- ☑ Be environmentally friendly.



UltraVapor is created by superheating ordinary tap water under a pressure of 10 bar (145 psi) to 160 C (356 F) and releasing it as a jet of dry vapor (only 6% moisture). The heat melts and removes greases, oils and dirt leaving equipment and surfaces clean and dry. A wide variety of accessories and the ability to introduce environmentally friendly degreasers and detergents along with the vapor allows difficult cleaning tasks to be completed quickly, effectively and, most importantly, safely.



Safely clean around electrical and water sensitive equipment. The picture above left shows congealed hydraulic oil being removed from a disconnect which was cleaned in 10 sec. and left completely dry. Pictures below show wiring connections in a hydraulic control unit that was fully functional immediately after cleaning.



Increase the efficiency and extend the lifetime of motors by easily cleaning away heavy grease, oil build up and dirt without damaging them or causing problems with adjacent equipment or electricals. Loose paint from improper preparation previously was also removed and motors were ready to be repainted.



The heavy duty high temperature greases that are on this water pump housing were removed in a few minutes with vapor and a small amount of eco-friendly detergent.

[See our website for a video of this being cleaned.](#)



UltraVapor was used to remove carbon and dirt from this diesel turbo housing. After it was cleaned a small amount of paint remover was applied and left to sit for several minutes. UltraVapor was then used to remove the paint and chemical leaving the housing clean and dry.

[See our website for a video of this being cleaned](#)



Tired of the time and labor involved with “spritz and wipe” cleaning of sensitive equipment like robots and CNC equipment?

Use UltraVapor to quickly deep clean units leaving them dry and without damaging electronics, sensors or pneumatic controls. The robot at left was cleaned of lubricating oil, aluminum shavings and dirt.



### Other Applications:

- ◆ Remove oil and grease from walls and ceilings.
- ◆ Clean and degrease small parts without solvents or acids.
- ◆ Passivate and phosphate metals without harsh chemicals.
- ◆ Clean up oil and grease from under equipment and other areas where floor scrubbers won't reach.
- ◆ Hazmat clean up of oils, PCB's and other hazardous materials.
- ◆ Clean conveyors and drive chains in place.
- ◆ Clean evaporators, air conditioning units, fans, etc
- ◆ And much, much more

Rea offers a series of portable UltraVapor cleaners as well as fixed and custom built systems for specific applications. Please contact us for a no obligation review and assessment of your specific needs.



**Rea UltraVapor—The World Leader in UltraVapor Technology**