

Available in kits

Contact your local Hale Factory Authorized Service Center for information on upgrading your pump with Hale anodes. Anodes are a low cost investment in the protection of your fire apparatus pumps and plumbing.

Anodes are now available in replacement kits:

AP/APS Anode Replacement Kit

529-0130-00-0

MG/MBP Anode Replacement Kit

529-0130-01-0

CBP/CBPS Anode Replacement Kit

529-0130-02-0

Kits contain all the necessary anodes and spacers to either replace existing anodes or to upgrade your pump to anodes.

Hale also provides other options that protect your pump and personnel including our Total Pressure Master (TPM) and our Master Intake Valve (MIV).

For information on a factory authorized service center in your area please call our customer service department at 610-825-6300 or visit our web site at www.haleproducts.com.



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Is Your Pump Ready?



Extend the life of your pump, reduce corrosion and repairs

Corrosion – You can't see it.....

but it is there, causing damage. Stainless plumbing, brass components, and poor water conditions can harm your pump and plumbing. With just a little help from Hale's Anode system, you can significantly extend the life of your pump, helping to prevent costly repairs or replacement costs.



The Hale Anode System helps prevent damage caused by galvanic corrosion within the pump and plumbing. Galvanic corrosion results when different conducting materials are connected and exposed to water.

With the use of Hale Anodes, galvanic corrosion will attack the less resistant of the two metals (anodes) while protecting the more resistant metal (the pump). Using the proper sacrificial anode extends the life of your pump by corroding the anode instead of the pump and plumbing.



Anodes protect plumbing

The popularity of non-corrosive water tanks and stainless piping has increased the incidence of this type of corrosion in today's fire pump.

Water heaters and other water handling devices regularly use anodes for increased life. This proven technology provides constant pump and plumbing corrosion protection.



The Hale Anode will fit on any Hale truck mounted pump, regardless of age or model. A 1-1/4" NPT anode is available without the flange to mount on other brands of pumps. Anodes are designed to be easily installed, requiring just four bolts and a gasket. Total time to install is just fifteen minutes and will provide years of protection for your pump.

Example of sacrificial corroded anodes



Hale provides two types of consumable anodes:

Zinc Anodes

Zinc consumable anodes are recommended for all pumps where corrosion is an issue, including brackish or salt water exposure as well as poor quality fresh water.

Magnesium anode

New magnesium consumable anodes are available when the pump already uses a zinc anode and galvanic corrosion is still a concern.

- A minimum of two anodes per pump are recommended – one on the suction side and one on the discharge side. Three anodes are suggested – one on each suction tube of the typical midship pump and one on the discharge
- Anodes can be mounted in any position (horizontal or vertical).
- Anodes should be inspected every 12 months. Replace when over 75% of the material has been consumed.
- Performance of the anode life will vary with water quality and PH. Anodes conform to MIL Spec A18001.