



## Vedlikehold av Kasco ispropell

### Proper Cleaning

Electric motors create heat. Heat can shorten the life of seals, bearings, wire insulation, and motors. Heat must have a way to dissipate into the water. Build up of inorganic deposits (calcium, magnesium, mud, etc) or organic items (plant growth, barnacles, etc.) prevent proper heat dispersion. THIS WILL LEAD TO A FAILURE. You and your customers MUST clean units regularly to prevent failure and to be considered for warranty service work. Units that fail due to heat that are not properly cleaned regularly, will not be considered warranty issues.



### Prevent & Remove Clogs

Clogs not only affect performance and efficiency, but can also cause a unit to fail. Clogs cause the unit to draw more current, which produces more heat. Clogs can cause the thermal overload to trip. Repeated thermal tripping will cause the motor to fail. Clogging can also cause damage to external parts like props and impellers. We have taken many steps in the design of our products, including open flow, deflector nozzles, integrated screening, etc. to prevent clogging. The addition of the mesh screening on the larger fountains and the new screening design on the smaller units have even further help prevent clogging inside the unit. Screening is standard with all fountains and is optional with aerators. If clogging occurs, it must be dealt with immediately. Damage due to clogs will not be covered under warranty.



### **Replace the Zinc**

A zinc anode is included on every unit except the 1400 and the 12v models. It is there to protect against corrosion. This is especially important in salt water. When it is  $\frac{1}{2}$  the original size or corroded, it MUST be replaced. Corrosion damage will not be covered under warranty.



### **Cutting Power Cords & Tampering**

Cutting of the power cord voids the warranty and UL/CSA listings. Adding extra lengths of power cable with splices will also void the warranty. "Home-made" repairs also void the warranty. The photo below shows the prop and disc reassembled upside down.



### **Return the Full Unit & Cord**

It is essential to return the entire motor unit, including the fountain or aerator external parts and the entire power cord for repair. For lights, you must also return the power cord. This ensures all the items are checked and repaired properly and external parts are needed in order to ship back to you or the customer properly. If they are removed to "save shipping costs", we will not be able to ship the unit back to you. You will either need to purchase new parts or send us the parts that were removed. Warranty will not be considered for "partial returns" of items like a single halogen light fixture, a junction box, or quick disconnect.

### **Handle Properly**

We see many damaged units that are ONLY damaged due to poor handling of the equipment. Dropping, rolling off a truck, etc. leads to many expensive repairs that would have otherwise not been needed. It is important to understand this is expensive equipment that should not be tossed around or mishandled.



By knowing these items and instructing your customers of these, we can all avoid extra costs, headaches, and lost time. In 2013 we started including a brightly colored Warranty/Maintenance sheet in each unit. This is to catch the customer's eye and outline these items for proper operation and maintenance to prevent these sorts of problems from happening. Reinforcing these good habits is important from a distributor perspective as well.