

Preventative Maintenance

Every Six (6) Months

- (a) Open all doors and oil hinges
- (b) Drain small amount of fuel and check for water condensation
- (c) Open up electrical control panel, make certain small insects haven't taken up residency and if so they should be evicted
- (d) Remove two screws on the forward part of the burner forward of the ignition transformer and follow step (C) above. Also reach in and turn the squirrel cage blower a few turns to make certain it is not frozen
- (e) If the overboard supply pump has not been used in the past six months it should be taken out and placed in water and run for a short period of time
- (f) Check all electrical cords, plugs, receptacles, wires, ect for chaffing, crakes, fraying and repair as needed
- (g) Check all hoses for chaffing, cracks, leaks and make repairs as needed
- (h) Check heater unit for outward signs of rust and corrosion. Replace any nut, bolts and hardware as needed and treat rust and corrosion by cleaning, treating with anti-corrosion and coating with good marine grade top coating.

Annually

- (1) Repeat all steps laid out in the (6) month procedure above
- (2) Remove the complete burner assembly by disconnecting the electrical wire, removing the four mounting flange bolts
 - i. Inspect the fire box for obstruction and take action as needed
 - ii. Open J box on burner and remove ignition electrode/fuel nozzle assembly and clean it with a light solvent and a brush. Remove the fuel spray nozzle, clean and blow off with air. Reassemble and adjust the electrode as per Beckett Mod SF instructions manual.
 - iii. Remove cad cell by slipping it out of the clips and clean the lens. Replace in clips
 - iv. Reassemble, remount and rewire burner assembly
 - v. Remove divers supply water pump from housing and inspect for damage. Then hook up to unit as per item (6) START UP, place pump in ample water and open divers hot water valve. Allow water to run until all air is purged from the line, then slowly close valve until there is a small trickle of water flowing, Check to see if there is any leaks, do not exceed 90PSI on the pressure gauge.