

## Evaporative Cooler Maintenance

**⚠ WARNING: Before doing any maintenance be sure to disconnect from power source. This is for your safety.**

### Spring Start-Up

- **Belt Tension.** Check belt tension and readjust if needed.
- **Oil Bearings.** The blower bearings and collar motor in this unit should be oiled with a few drops of non-detergent 20/30 weight oil once each year. The motor does not need oil if it has no oil lines for oiling. Motors that have no oil lines are lifetime oiled at the factory and require no further oiling for the life of the unit.
- **⚠ CAUTION: Do not over oil. Over oiling can cause motor burn out, due to excessive oil getting into motor winding.**
- **Change Pads.** The pads should be replaced once or twice a season, depending upon the length of the season. At the beginning and at mid season a clean pad is more absorbent and efficient and will deliver substantially more cool air.
- **Clean Pump.** Cleaning the pump is necessary once a year at startup. For your safety, disconnect from power source and unplug pump. Remove the pump from the mount bracket. Remove the base of the pump (Fig. 8). Clean the pump and turn the impeller to ensure free operation. Remove the pump spout and check for any blockage. After cleaning, reinstall the base onto the pump. Reattach the pump to the mount in the cooler to ensure that the pump will not overturn. Do not forget to replace the spout and water delivery tube onto the pump outlet. The pump has automatic reset thermal protection. Pump will operate normally again after an obstruction is cleared.
- **Bleed Off.** Check bleed-off valve to be sure it is not clogged.

### Winter Shut Down

- **Drain Water.** Always drain all of the water out of the cooler and water supply line when not in use for prolonged periods, and particularly at the end of the season. Keep the water line disconnected from both the unit and the water supply so that it does not freeze.
- **from power supply when not in use for extended periods of time.**
- **Cover unit.** To protect the life of the finish, a cover for the unit is suggested in extended periods of non use.

By following the operating, installation, and maintenance suggestions as outlined, you can get many years of efficient and satisfactory service from your cooler. If you need additional information, your dealer will be more than happy to assist you.

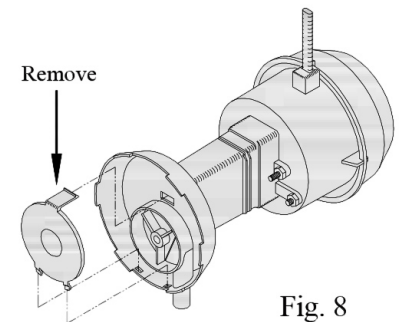


Fig. 8