



## ***RYDLYME* CLEANING OF CENTRIFUGAL CHILLERS**

The problem most frequently encountered in the operation of centrifugal chiller units is water scale accumulates in the condenser and cooling towers, which causes inefficient operation.

The removal of such deposits can easily be accomplished while the unit is in operation by the addition of *RYDLYME* to the cooling tower water. Simply follow the instructions listed below:

### **INSTRUCTIONS FOR *RYDLYME* CLEANING**

1. Close make up water valve and bleed off valve to tower and/or sump tank.
2. Remove all loose water scale, lime, mud, rust and other foreign matter from tower and sump tank.
3. Drain tower sump, leaving sufficient water to maintain pump circulation.
4. Turn off air handling units while cleaning. This can be done if time selected for cleaning units is an "off peak" period.
5. Slowly add required amount of *RYDLYME* to tower sump. Reference *Chiller & Condenser* brochure for quantities and circulation times.
6. After required amount of *RYDLYME* is in the tower and being circulated, open make up water valve and adjust ball float to maintain tower water level approximately one-half the normal.
7. After circulating for prescribed period or when unit is thoroughly cleaned, adjust ball float for normal water level and establish proper bleed off rate.
8. The dissolved water scale, lime, mud and rust deposits, including the expended and biodegradable *RYDLYME*, will be dissipated by evaporation loss and bleed off.
9. When convenient, it is recommended that the sump tank be drained and flushed and that the strainer screen(s) be removed and inspected.
10. Your tower, piping, pumps and condensers are now clean and ready for efficient operation.

Manufactured Since 1942 by: Apex Engineering Products Corporation



*Remember that periodic **RYDLYME** cleaning will maintain peak operating efficiency of this unit and give you maximum rated output.*