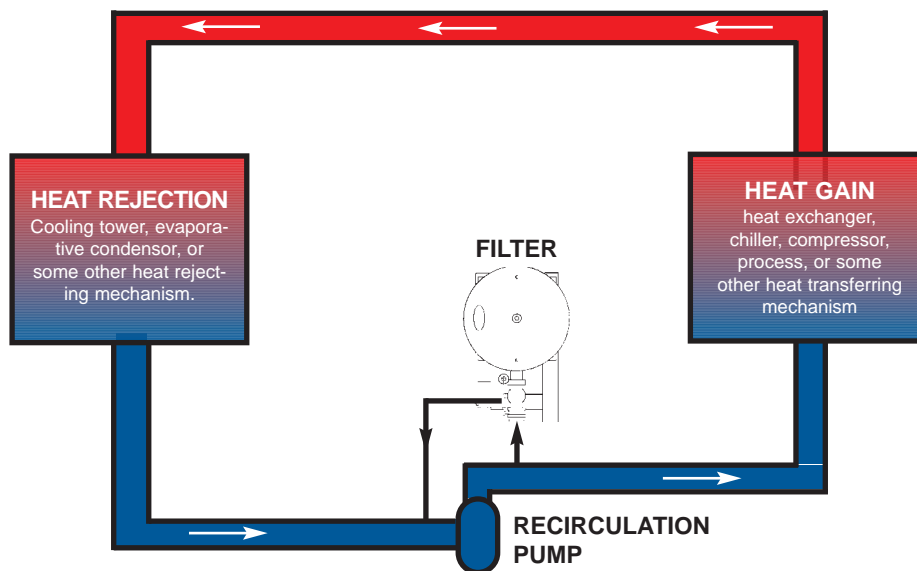


TOWER-FLO® Installation Style -LOOP-THE-PUMP



LOOP-THE-PUMP - This installation style is only recommended for Series TFCL filters on closed loop cooling systems. Water flow to the filter is taken from the discharge side of the recirculation pump and returned to the suction side of that pump. Backwash source water will be from municipal supply. This style of installation is not recommended for open loop cooling systems. See our Technical Bulletin regarding Sidestream vs. Slipstream Installation on page 10.

Considerations:

1. Totally dependent on the existing circulation system. Series TFX Filter Systems are **not** for use in this installation style.
2. Consider line pressure; is filter vessel rated for the line pressure at the point of installation?
 - a. Series TFCL vessels are rated for 150 psi maximum operating pressure.
3. Can the recirculation pump handle the additional head loss created by the addition of the filter?
 - a. The Series TFCL filter system can be equipped with a pump and controls for installation in a slip stream discharge side style on a closed loop, if required.
4. The standard Series TFCL filter system is configured for backwash from municipal (city) water supply.
5. Consider backwash disposal (environmental constraints as well as flow rate).
6. Consider additional plumbing requirements, i.e., isolation valves, throttling valves, pressure control valves, flow meters.