



IN-LINE - Filter is applied to the full flow of the water recirculation loop. **Usually, the most expensive installation style.** Filter must be designed for in-line interruptible, in-line auto by-pass, or in-line duplex operation.

Considerations:

1. Totally dependent on the existing cooling water re-circulation system. Series TFX Filter Systems are **not** for use in this installation style.
2. Consider line pressure; is filter vessel and components rated for the line pressure at the point of installation?
3. Consider the additional head added to the recirculation pump.
4. Consider backwash water source and implications of backwash operation on cooling water requirements
 - a.. Configuration options are in-line-:
 - 1) Interruptable flow;
 - 2) Automatic bypass flow;
 - 3) Automatic duplex ;
5. Consider backwash disposal (flow rate as well as environmental constraints).
6. **Consult with Tower-Flo®** regarding the specifics of your installation and operating requirements.