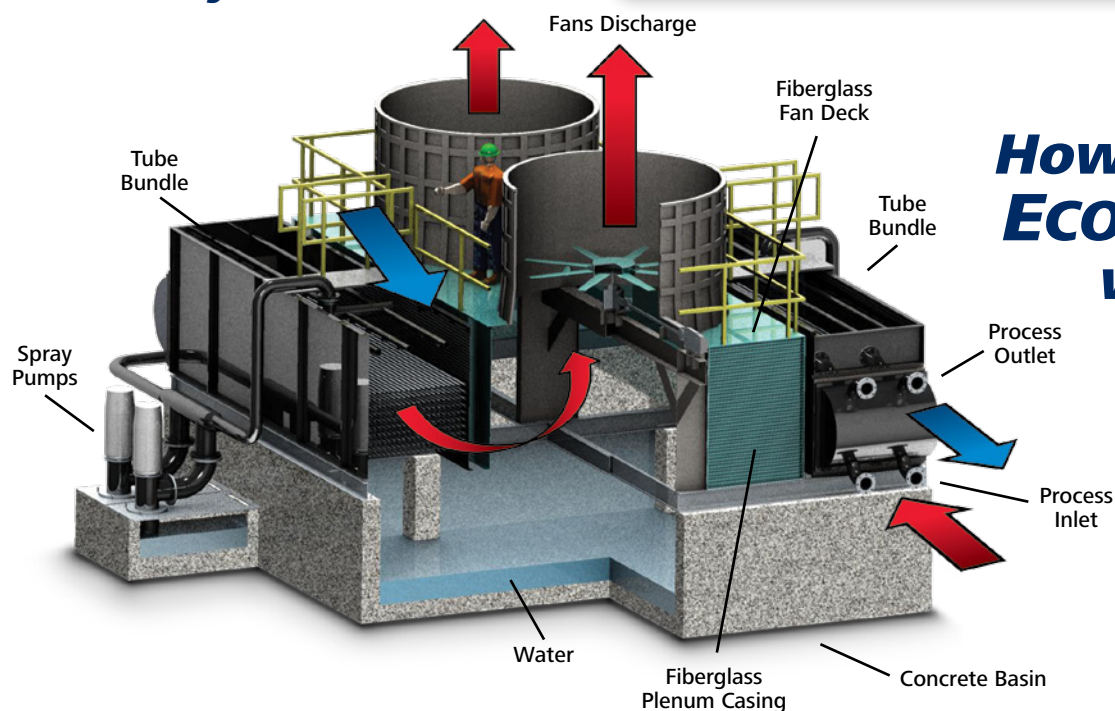
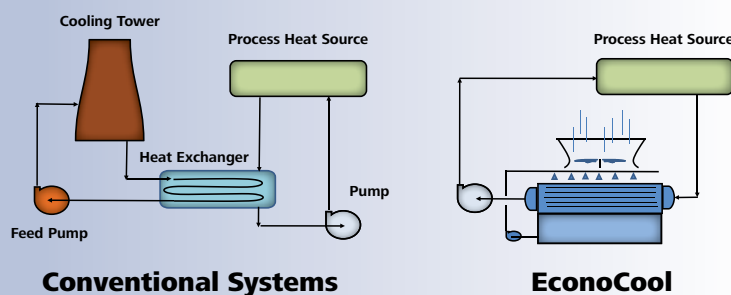


## EconoCool

- ✓ **Saves Dollars**
- ✓ **Saves Energy**
- ✓ **Saves Water**
- ✓ **Saves Maintenance**
- ✓ **The Solution That Keeps On Solving Year After Year**

### Condensing and fluid cooling systems



### How does the EconoCool work?

- Process fluid flows inside the tubes (every application specifically designed for the client)
- Water is continuously sprayed over the tubes and flows via gravity through the tube bundle into the collection basin for recirculation
- Heat from the tube side fluid is transferred to the cascading water
- Heat is released from the cascading water to the air stream also flowing downward over the tubes. This occurs by both thermal and mass transfer
- The air stream is forced to turn upward by the induced draft fan providing maximum free water removal (net result is minimal drift)

**Call us today! 716-824-1098**

## ***Benefits and advantages over a Cooling Tower***

- > Lower Installed First Cost
- > Less Pump HP
- > Single Source System Responsibility
- > Lowest Attainable Process Outlet Temperatures
- > Built In Freeze Protection
- > Eliminates Cooling Towers
- > Inspection & Maintenance While On Line
- > Lower Maintenance Costs
- > Higher availability
- > Engineered Materials of Construction Available
- > Field Erection Available

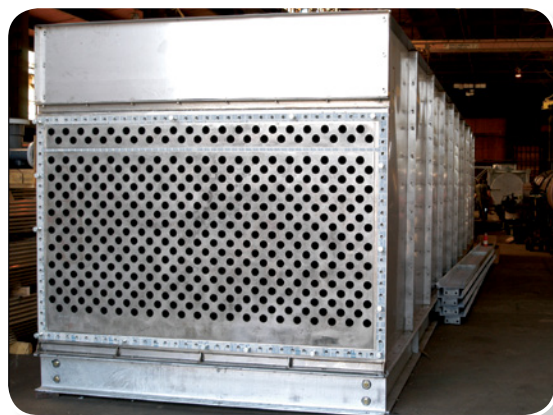
### **TYPICAL APPLICATIONS**

	Temperature	Pressure
Liquid Cooling	up to 180 F	up to 300 PSIG
Vapor Condensing	up to 180 F	up to 300 PSIG/FV
Gas Cooling	up to 400 F	up to 300 PSIG



## ***Industries Served***

- > Specialty Chemicals
- > Oil and Gas
- > Power Generation
- > Pharmaceutical
- > Pulp and Paper
- > Food and Beverage
- > Renewable Energy
- > Water/Wastewater
- > Refrigeration
- > Metals



## ***Evaporative condensing/cooling***

- > Low Quality Makeup Water  
Can Be Used
- > Zero discharge processes
- > Specialty heat transfer
- > Close approach

