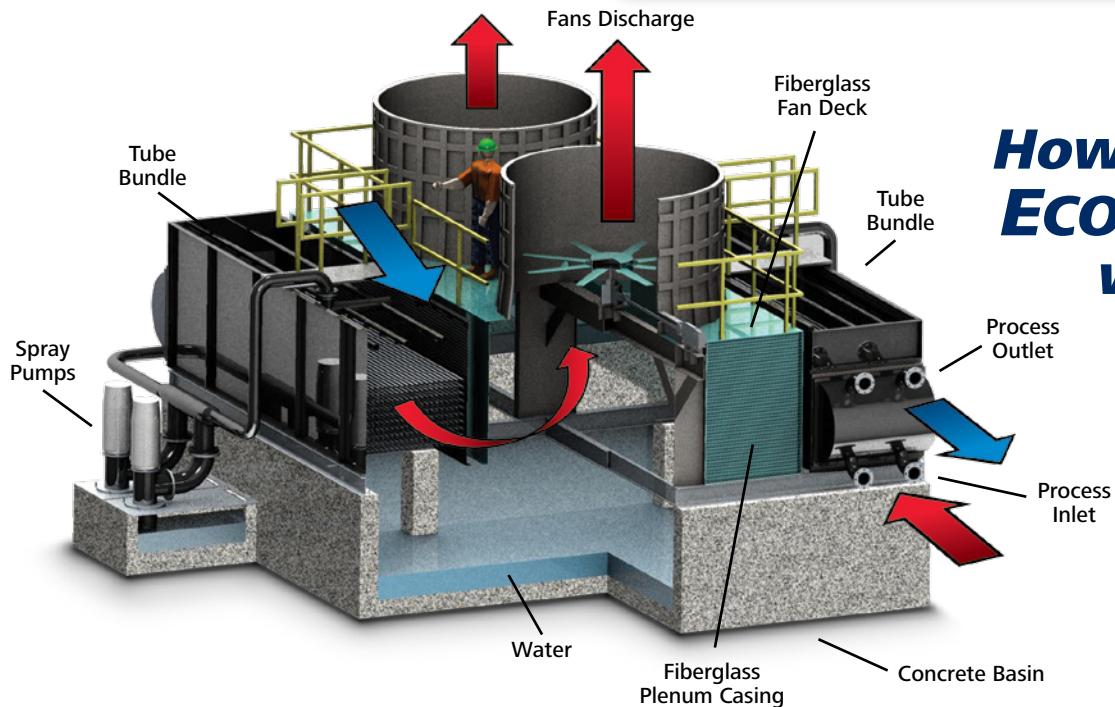
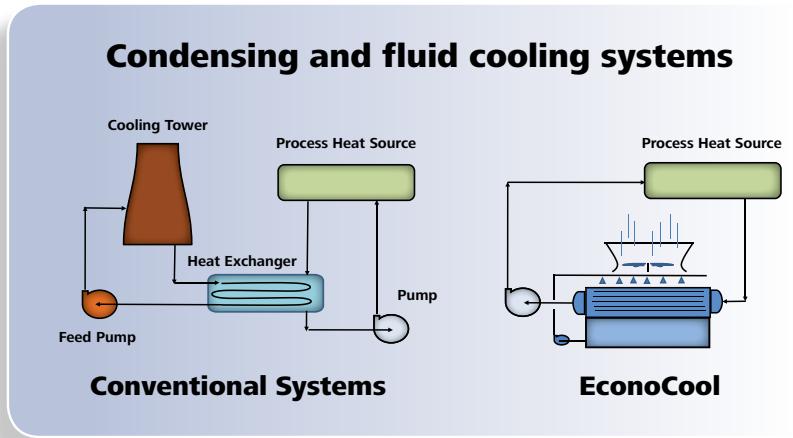


# EconoCool

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



## 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)

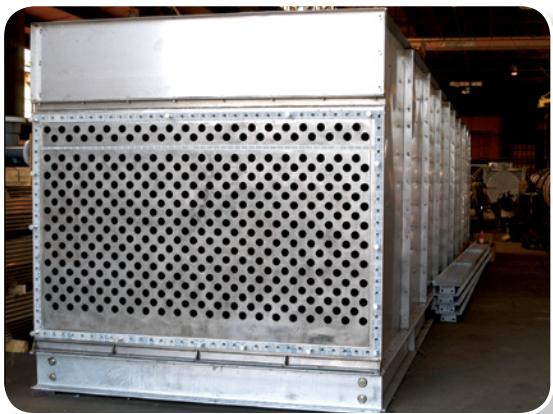
**Call us today! 716-824-1098**

## **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



### **Evaporative condensing/cooling**

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



## **Industries Served**

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