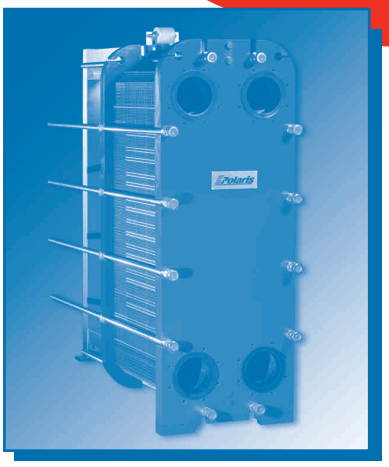
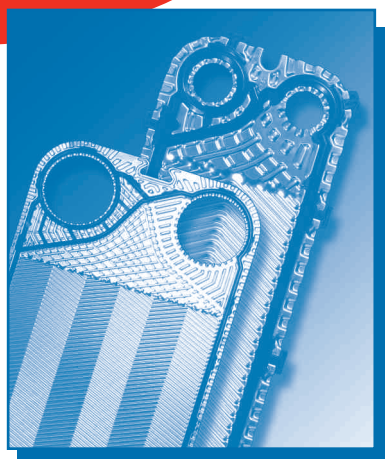
Polaris
PLATE HEAT EXCHANGERS

Don't let your cooling dollars evaporate.





Cooling towers and Polaris Plate Heat Exchangers
beat the high life-cycle cost of evaporative coolers!

Make the **economical choice** for HVAC and process fluid cooling.

Cooling towers with Polaris PHEs beat evaporative coolers for economy and efficiency!

Installing an evaporative cooler is one answer for HVAC and process fluid conditioning. Such units can isolate system fluids from contaminants while eliminating heat. **But a much better choice is available.**

Structure a system that combines a cooling tower with a Polaris plate heat exchanger, and you'll save money from day one. You'll also get a system that maintains effective fluid isolation and cools HVAC or process liquids more efficiently.

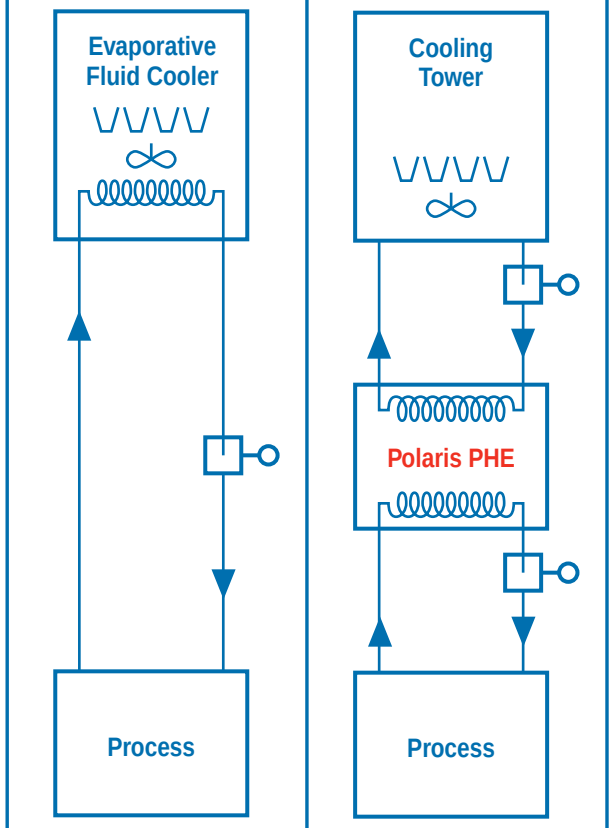
A tower system with a Polaris PHE at its heart is far less expensive to buy than any evaporative cooler. Couple the tower and the heat exchanger, and you also get a more efficient system that's cheaper to run, incorporates superior stainless steel components, uses colder water (not glycol), and requires smaller components – including heat pumps – with lower horsepower.

Combining a cooling tower with a Polaris heat exchanger delivers unbeatable savings at purchase and throughout a long, useful life. Make the efficient, economical choice whenever you need to cool HVAC or process fluids. Choose Polaris PHEs.

Cooling tower and Polaris PHE vs. Evaporative Fluid Cooler

Costs for a typical installation
Conditions: 330 gpm, 104 HW, 92.6 CW, WB 78

	Evaporative Fluid Cooler	Cooling Tower and Polaris PHE
Total HP	45	10
Materials	Galvanized Steel	Stainless Steel PHE Fiberglass Tower
Costs	**$16,800** (including fan, evaporative cooler, spray pump, basin heater and control panel)	**$11,352** (including tower, heat exchanger, spray pump, basin heater and control panel)



Seven reasons to choose a Polaris PHE/ cooling tower system

- Much lower purchase price and installed cost than an evaporative cooler system
- Lower horsepower for greater economy
- Colder water in system means lower operating cost
- Superior cleanability results in lower maintenance costs
- Overall system is smaller, more economical to operate
- No need for glycol, so system delivers better heat transfer, lower operating cost
- Stainless steel construction of PHEs is more durable than evaporative cooler alternatives.

The choice is clear. For big savings at purchase, and more efficient, economical operation afterward, go with cooling tower/PHE systems from Polaris.

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