

# DRAINBACK Heat Transfer Tank

## Radco DBHX 6000 Series Drainback Heat Exchange Modules

Operates a solar water heating system by transferring solar energy to a storage water tank. The Radco DBHX 6000 series drainback systems have these strengths:

- Allows most any solar collector and water storage tank to become a drainback system.
- Modular design translates to lower labor costs for installation and less space requirements for installation.
- Provides automatic and fail-safe freeze protection.
- Works well in most climates.
- Power is not required for the drainback freeze protection to work.
- Does not need propylene-glycol to protect from freezing temperatures.
- Low maintenance - No need for propylene-glycol or rust-inhibitor fluids translates to less maintenance requirements.
- The closed-loop to solar panels protect the collector's fluid passages from mineral build up caused by "hard" water --where water contains an excessive amount of dissolved minerals.
- SRCC approved designs.

Radco has developed a mechanical-control package for drain-back systems. This Drainback Heat eXchange module (DBHX) is a factory-assembled unit which provides:

- A single-walled heat exchanger
  - Collector fluid reservoir
  - Solar collector fluid circulator pump
  - Hot water booster circulator pump
  - Differential temperature controller unit. All of these abilities are assembled into one attractive module.
- Most any solar collector and any water storage tank can be combined to form a Drainback system!

