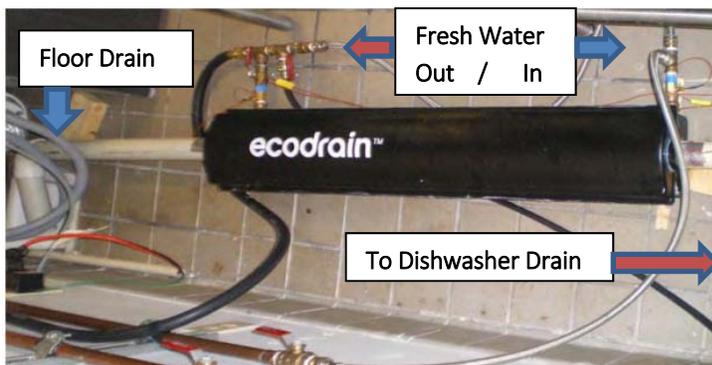


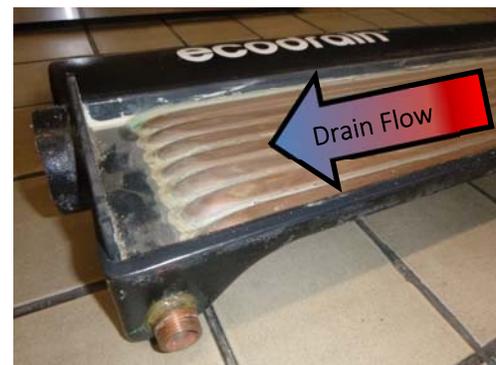
If your facility uses a high-temperature conveyor dish machine, you may be able to receive **free** equipment that reduces your dishwashing system energy use as a part of a local utility research project.

What is the equipment?

The *EcoDrain* is an in-line heat exchanger that captures heat from the dishmachine's drain. The drain heat is then used to preheat incoming cold water entering your booster heater. This allows the booster heater to accept water that has not been preheated by the water heater. As a result, your water heater uses less heating energy and the drain water is cooled below the 140°F sewer requirements. (See page 2 for installation details)



*Heat exchanger installed on the drain of a conveyor dishwasher*



*Heat exchanger copper surface inside*

What do I get out of it?

By preheating water with heat that would otherwise be wasted, you save money by using less energy at the water heater. Water metering will identify any problems with your current dishmachine and may contribute to additional energy and water savings. You also get to keep the EcoDrain device at the end of the project.

What is required of me?

If you are selected as a participating site, you permit access to your dish room to install the EcoDrain as well as water, gas, and electric meters on the dishmachine and water heater. The monitoring period will last several months and additional visits for maintenance may be necessary. The monitoring equipment will be removed from your facility in one final visit at the end of the project.

How do I get involved?

Send us a picture of your conveyor dishmachine and drain connection. A brief, in-person visit will be needed to collect qualifying information and ensure installation would be practical. To schedule a visit – or for more information – please call or email Frontier Energy. Contact information is presented below.

Where can I find more information?

- Manufacturer website for general information: [ecodrain.com](http://ecodrain.com)
- System set-up diagrams are presented on page 2 of this flyer.
- The Food Service Technology Center (FSTC) [EcoDrain Performance Test Report](#)
- You contact Frontier Energy / The Food Service Technology Center directly at [m Slater@frontierenergy.com](mailto:m Slater@frontierenergy.com) or (925) 359-9653

Who is administering this study?

Local utilities are overseeing this study on behalf of the California Investor Owned Utilities. They have engaged [Frontier Energy](#), a private third party, to administer the study. Frontier Energy operates [The Food Service Technology Center](#), the leader in commercial foodservice energy efficiency.

## Standard Setup



## Drain Water Heat Recovery System

