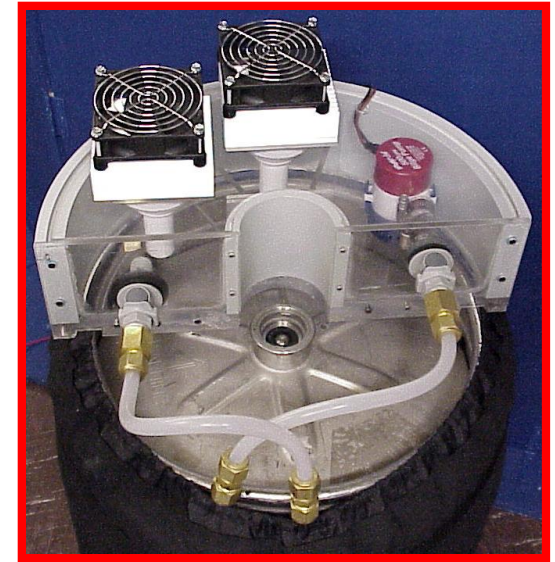
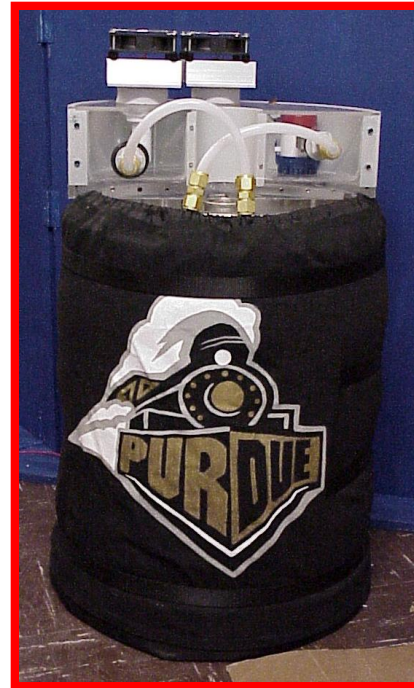
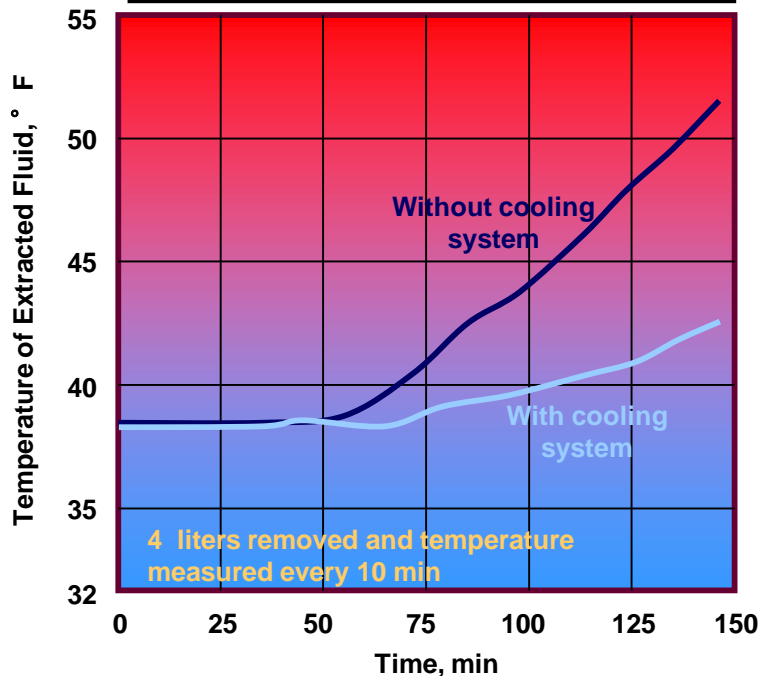
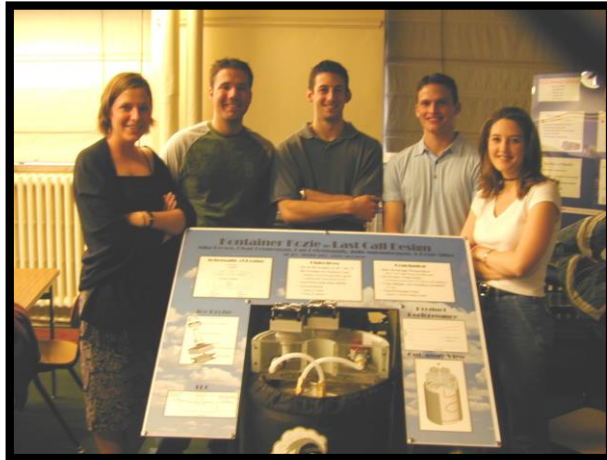


# Thermoelectric Cooling System for Beverage Containers Spring 2001

## “Kontainer Kozie”

**Project:** Cooling System for Large Capacity Beverage Containers using Thermoelectric Coolers  
**Team (L to R):** Kristy Siller, Mike Brown, Dan Defenbaugh, Chad Bruggeman, and Julie Muensterman

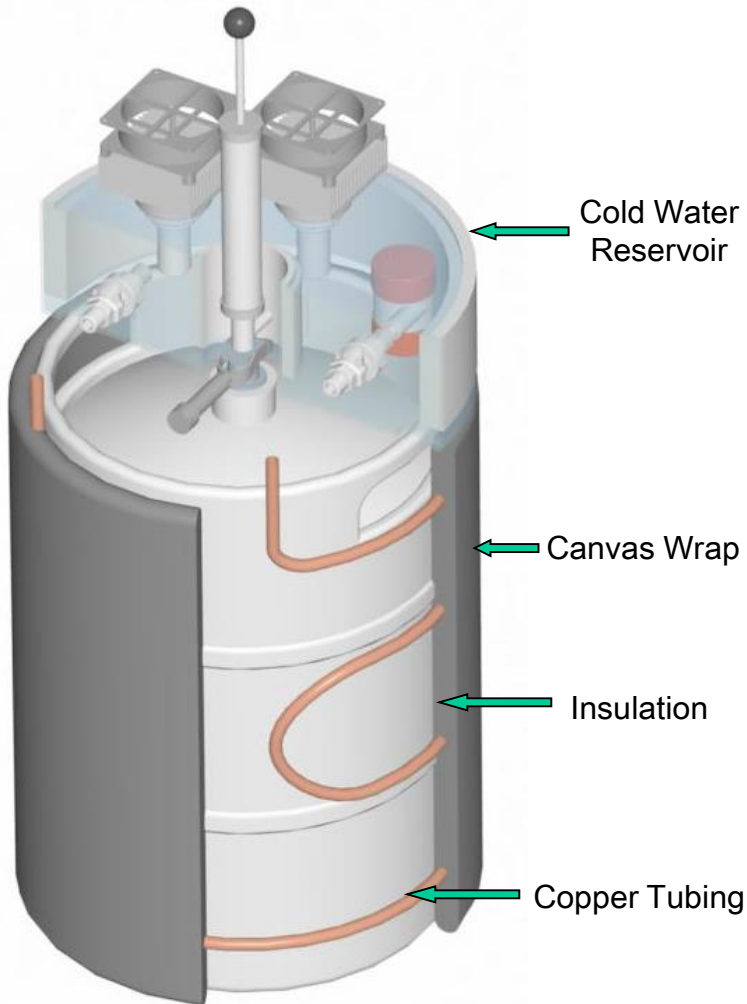


**Prototype**

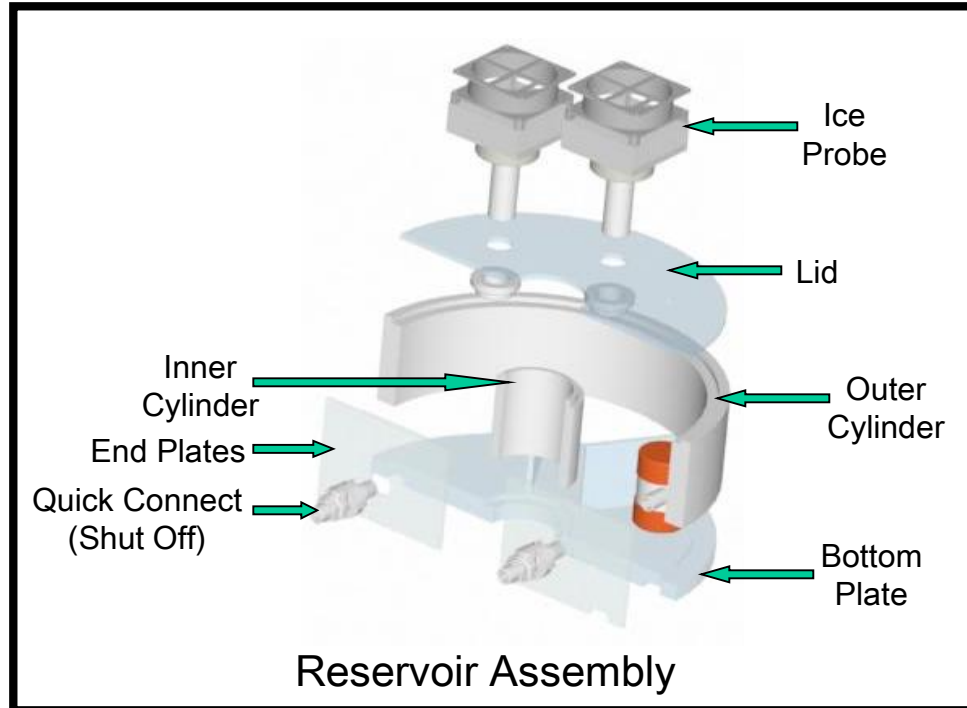
### System Parameters

Weight: 22 lbs  
Volume: 10% of container volume  
Power: 6 A at 12 VDC (a car battery will drain at 25 A in 10 hrs)

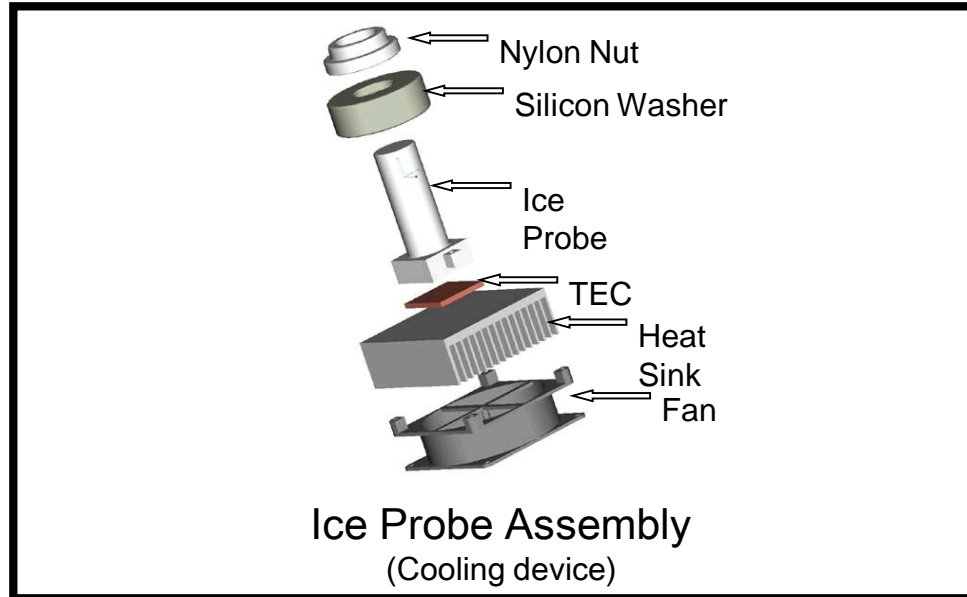
# Prototype Construction



Full Assembly  
(Foam cut away for visibility)



Reservoir Assembly



Ice Probe Assembly  
(Cooling device)