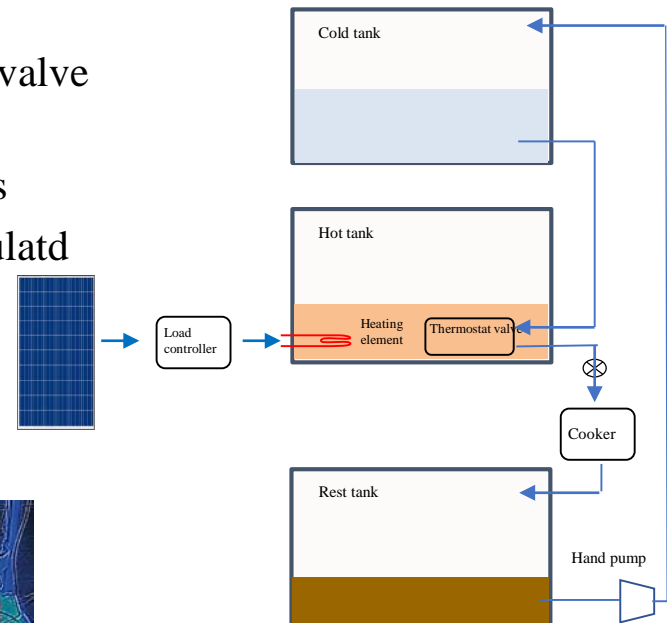


Cooking on oil based heat storage: separated hot and cold tanks

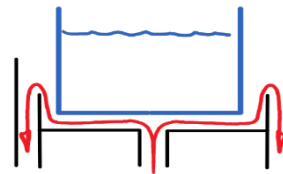
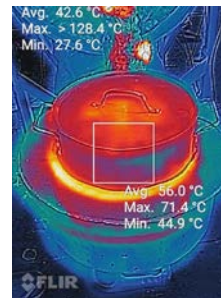
- Heating elements in middle tank
- At a set temperature (about 220 degrees C), a thermostat valve opens for cold oil from upper tank
- Hot oil accumulates in middle tank during sunshine hours
- The cooker is powered by hot oil, gravity driven and regulated with a valve. Drainage into lower tank
- Hand pump oil from lower to upper tank



Prototype (Arusha, Tanzania)



Cooker



Thermostat valve

(Per bjerre, Marie Kolderup, Kaja Gustafson, Sigurd Thaule, Oda Kristine Sneen Fjeldsøter, Vilde Svanevik Stordal)