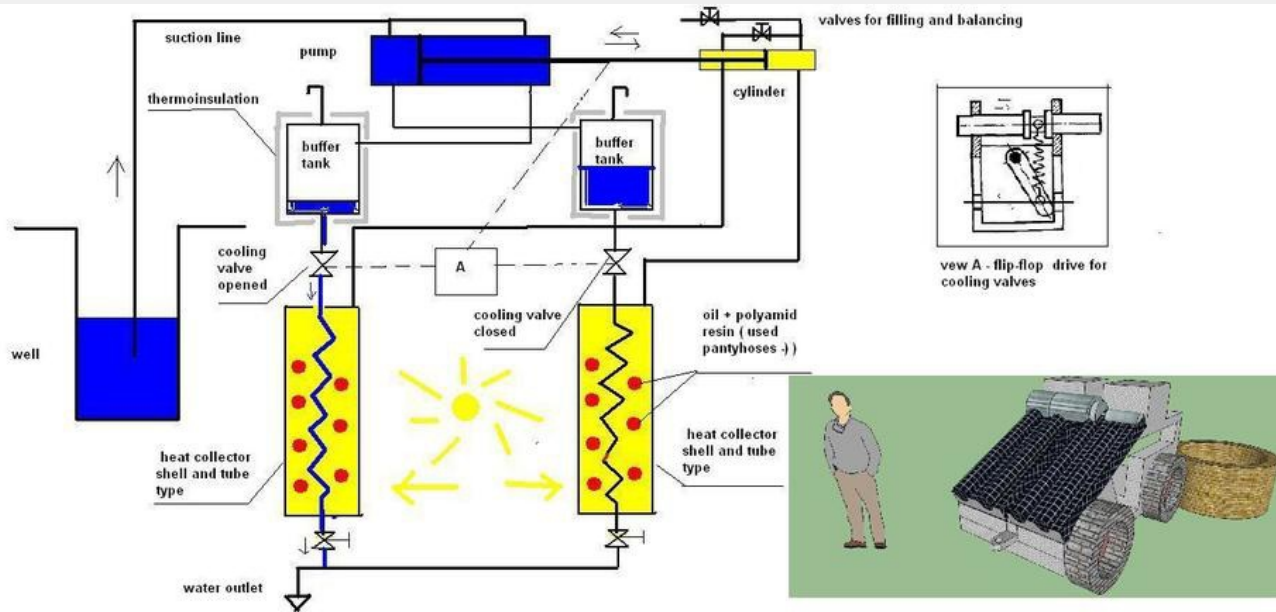


1/2 **oil+resin hydraulic pump**

Hydraulic pump based on thermal expansion of the resin in the oil



**Solution**

Polyamid resin with oil in the closed volume create high pressure during heating. Two similar volumes being heated or cooled in turn can move hydraulic pump. Cooling is performed by the cold water sucked from the well. Polyamid 6 resin has a price approx 3-4 USD per kilo. Used and filtered motor oil may be used for futher price reduction. There is no need in direct sunlight. If the outdoor temperature is higher that 12-15grad C ( water in the well ) , machine will run.

Energy [R]evolution: A Watershed Moment in India



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## oil+resin hydraulic pump

Hydraulic pump based on thermal expansion of the resin in the oil

Creative's profile



**tauko**

Creative's top 5 skills

Product Design, User Experience

ID: 30973. Last updated: 12.09.2013

**jovoto**

Status: 18.06.2018