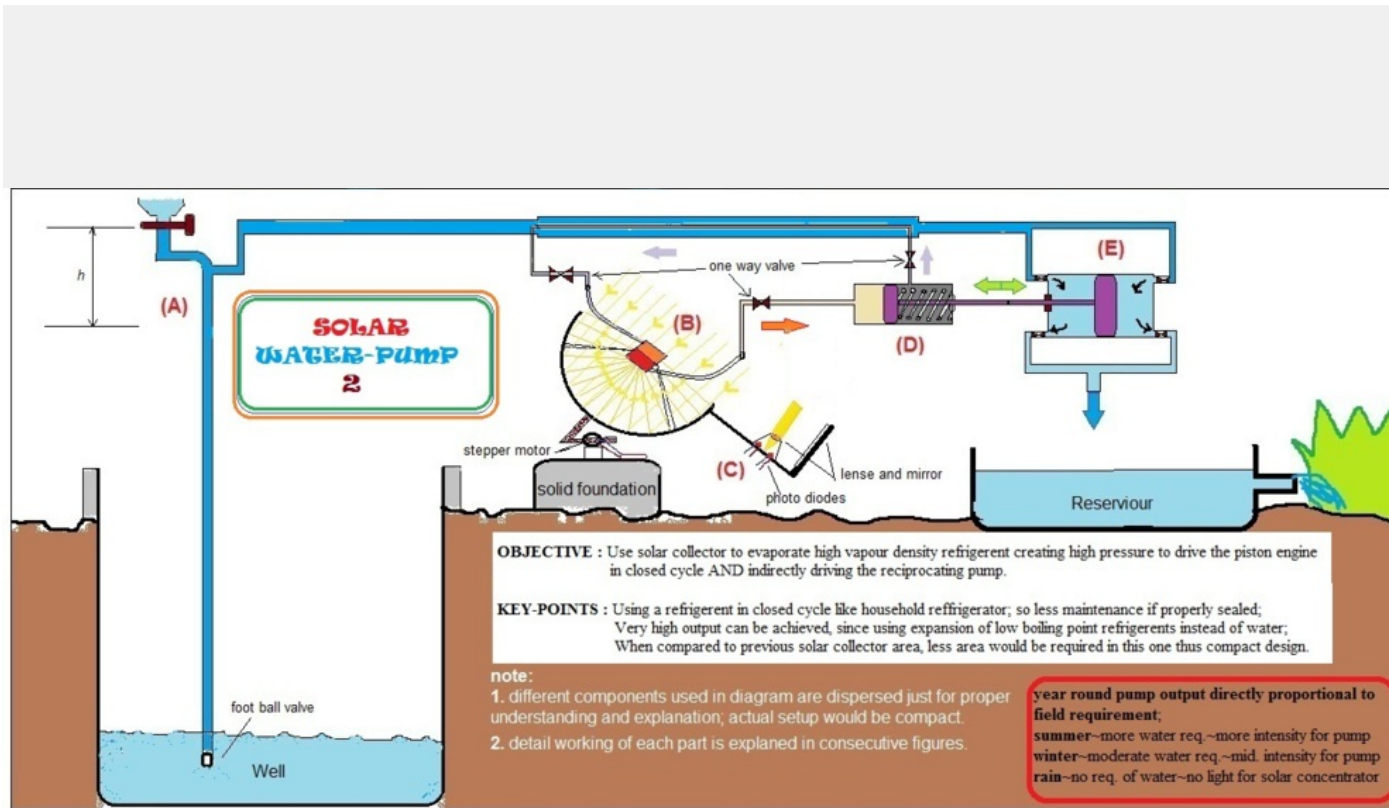


1/2 **solar pump 2; using refrigerant as working fluid**

modification to "sun driven multipurpose pump project" for less maintenance and compact design.



**Solution**

here we would be using refrigerant fluid as working medium for driving the piston in closed system (similar to refrigeration cycle). since this refrigerants get vaporized at lower temperature we can achieve significant driving pressure on piston side in less collector area. the escaping vapors would be cooled through water cooling and would be recirculated.

for details about whole system working „pls refer "SUN DRIVEN MULTI-PURPOSE PUMP" project

Status: 18.06.2018

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## solar pump 2; using refrigerant as working fluid

modification to "sun driven multipurpose pump project" for less maintenance and compact design.

Creative's profile



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