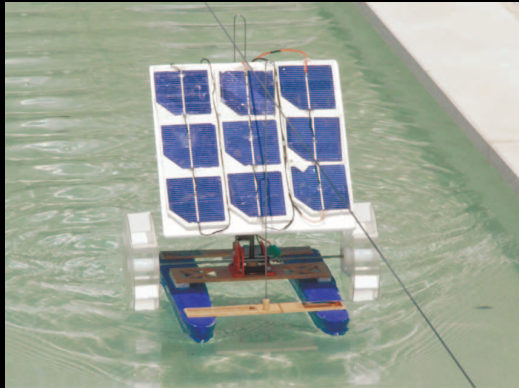




?

PROTÓTIPOS COM ENERGIA!



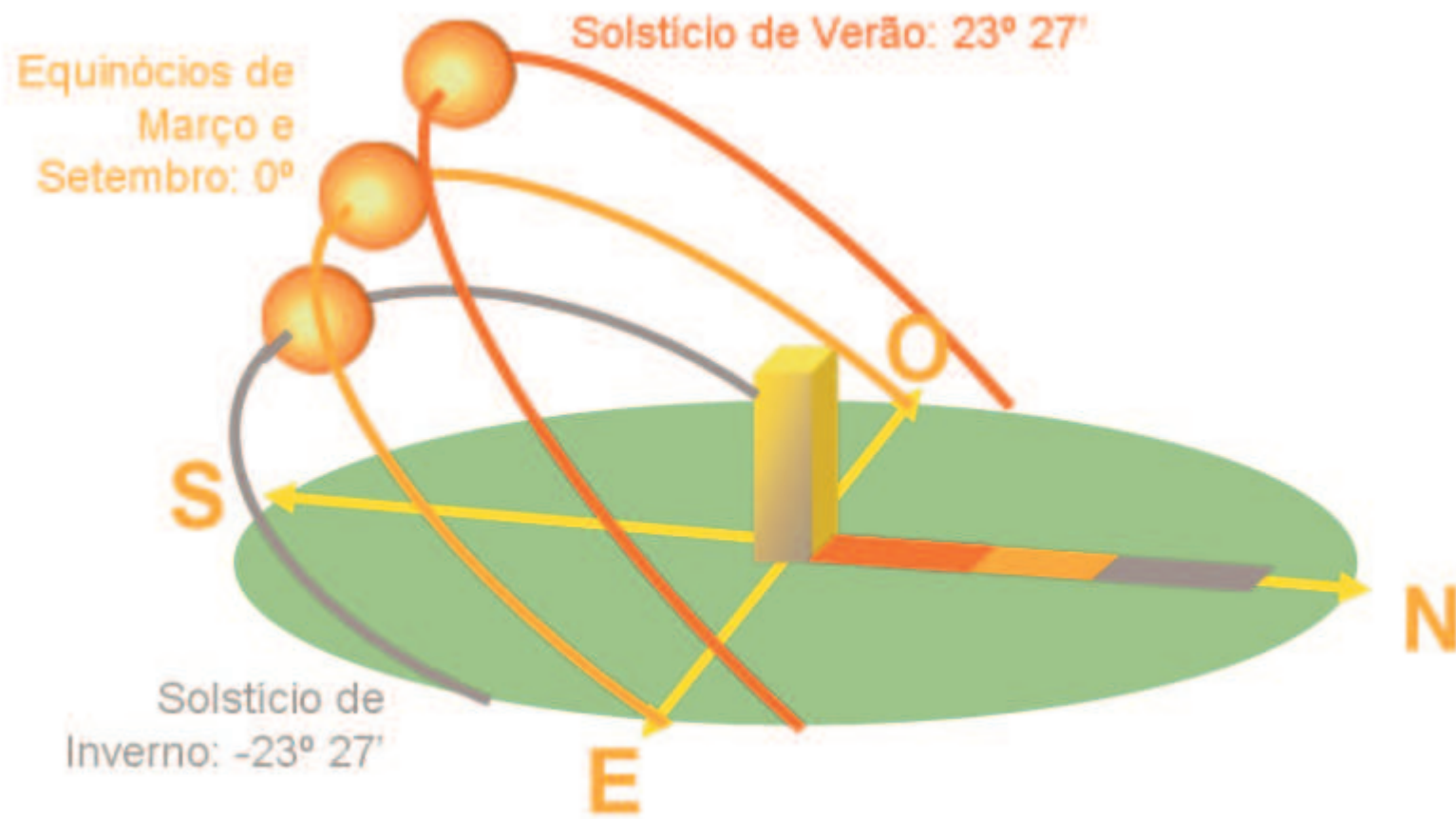
REGULAMENTO

a) Confinável em funcionamento a um cubo com 100 cm de aresta

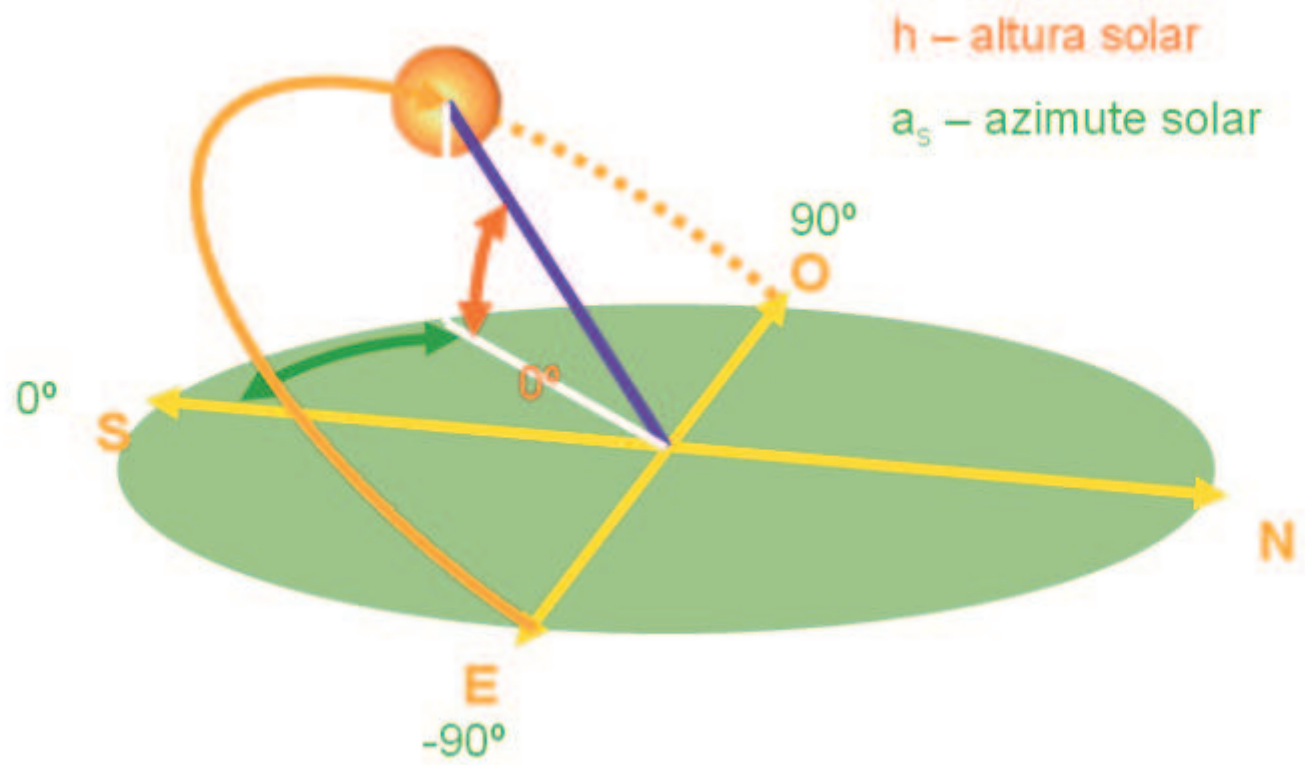
b) Seguro

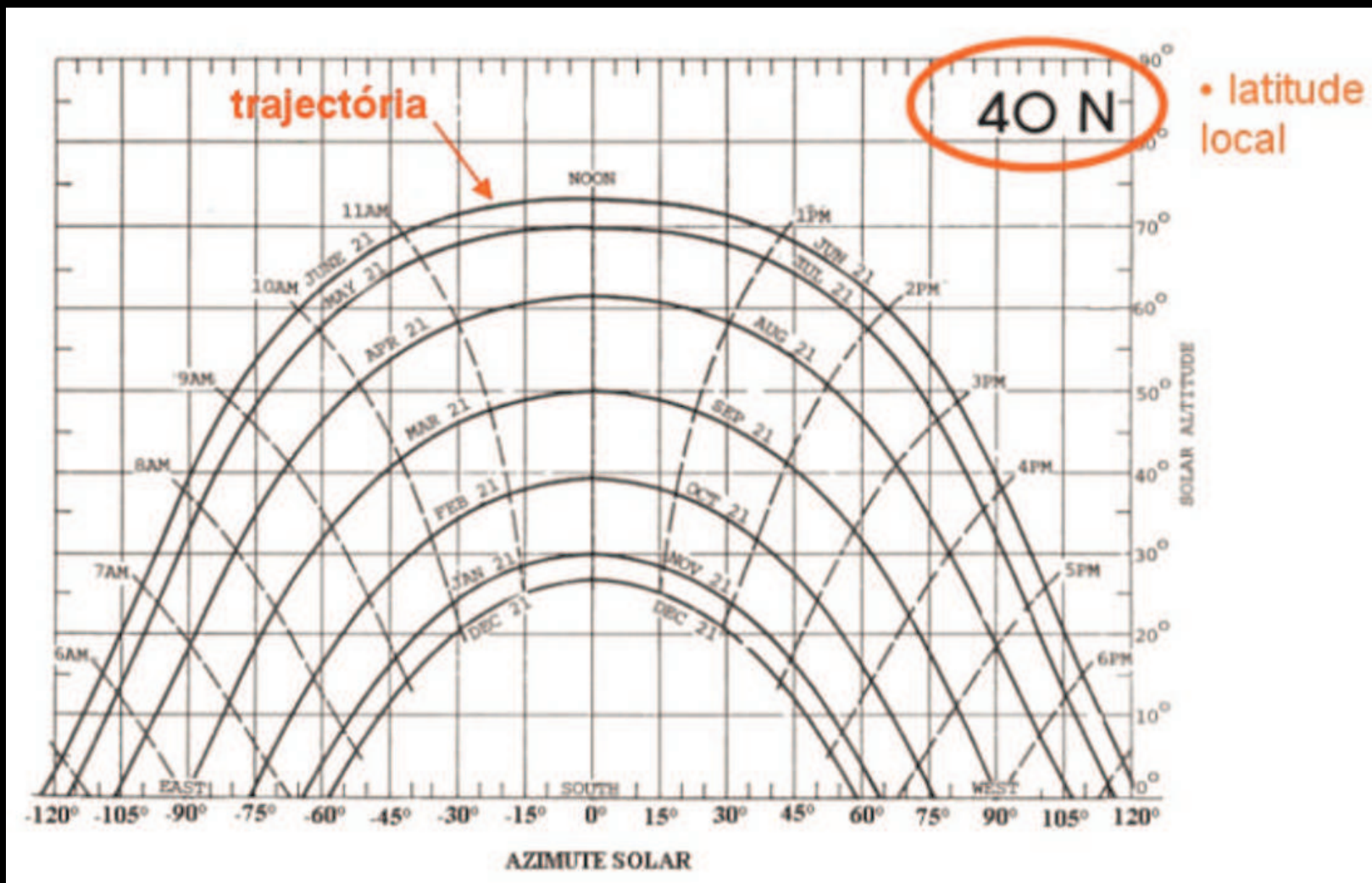
c) Não usar dispositivo electrónico, não usar pilhas/baterias, nem combustíveis fósseis.

ENERGIA SOLAR

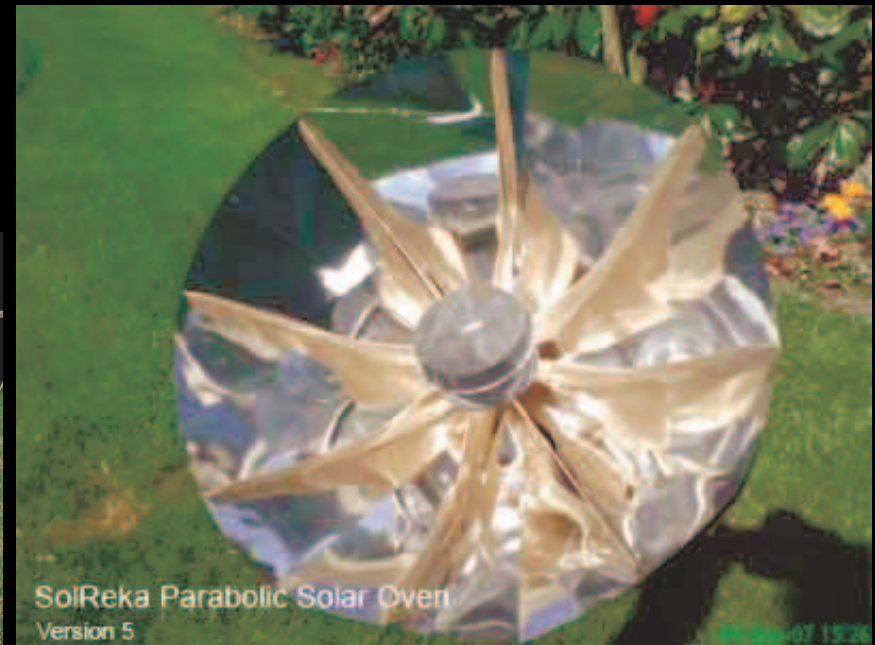


animação





SOLAR TÉRMICO



a) Fornos solares



b) Colectores solares



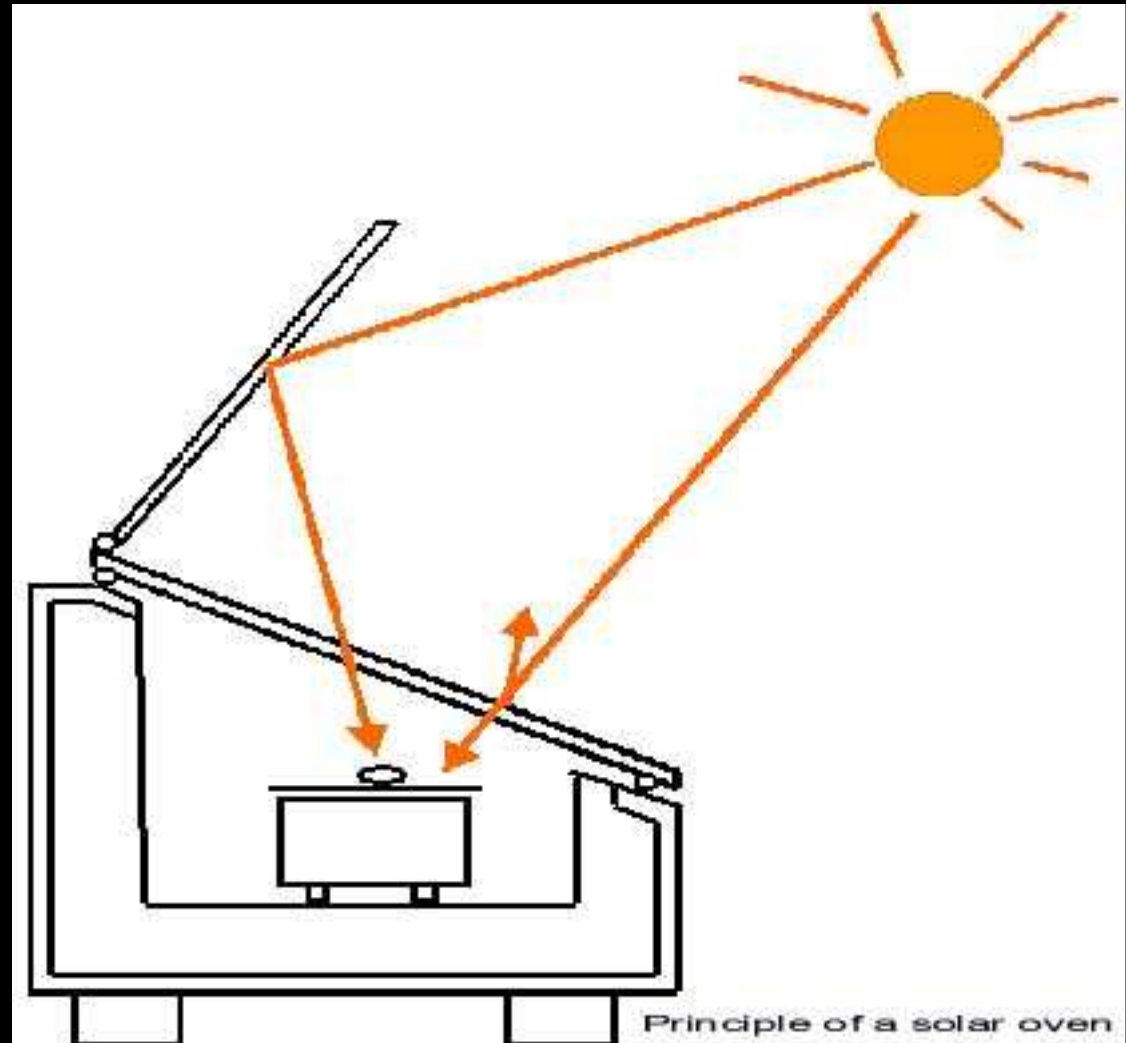
c) Destiladores solares



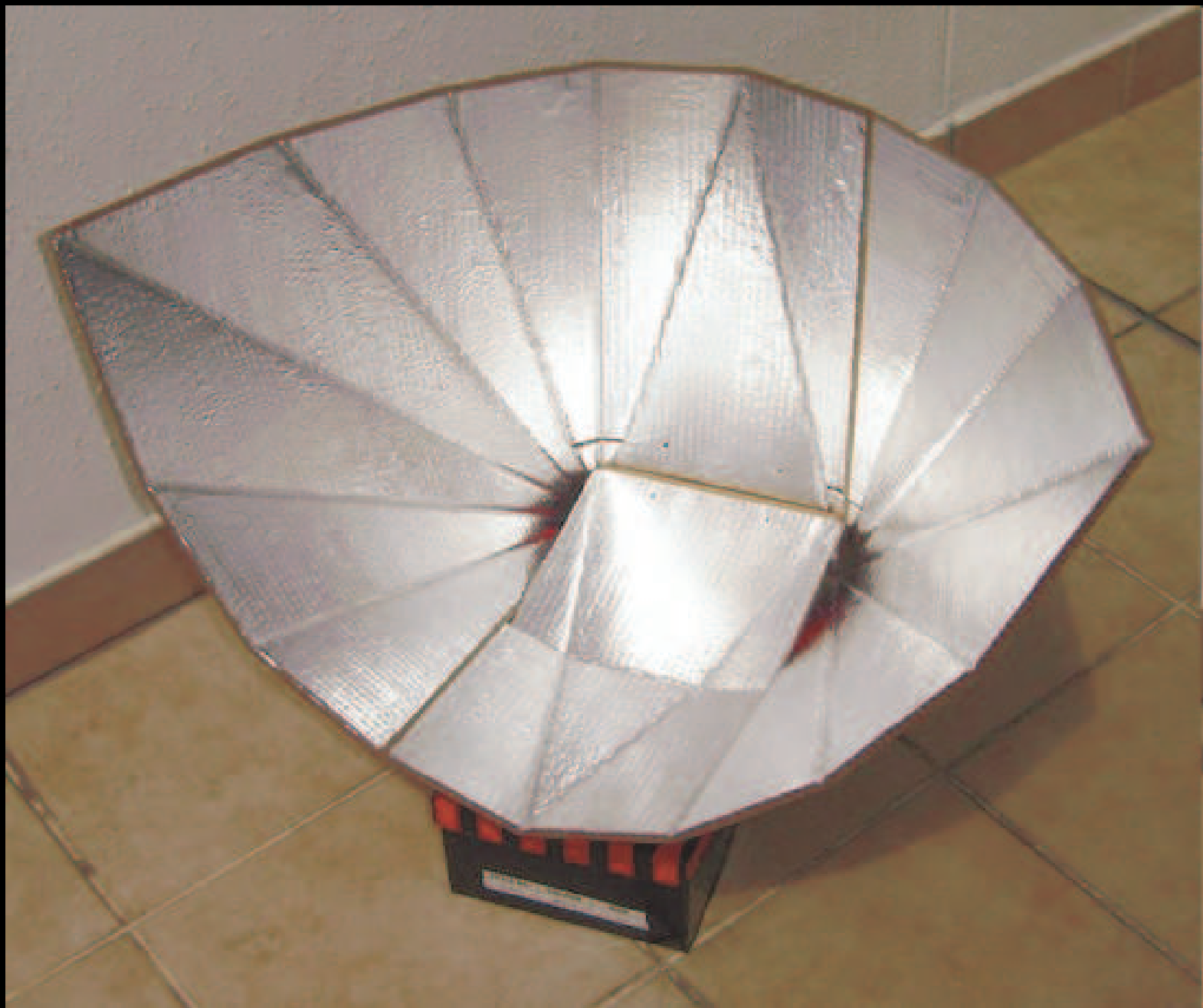
- CONCENTRAÇÃO DA RADIAÇÃO SOLAR

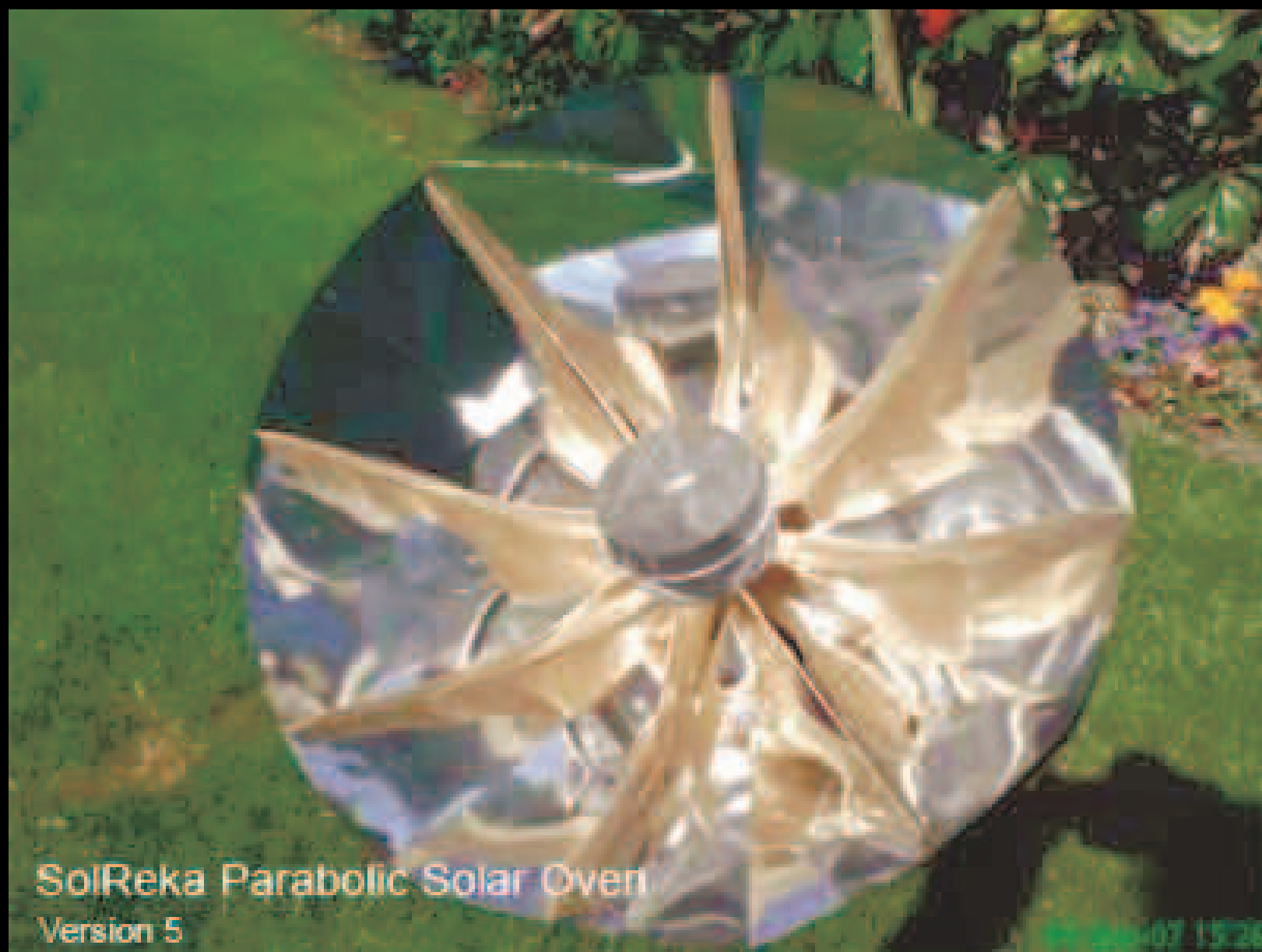
- EFEITO DE ESTUFA

- ISOLAMENTO









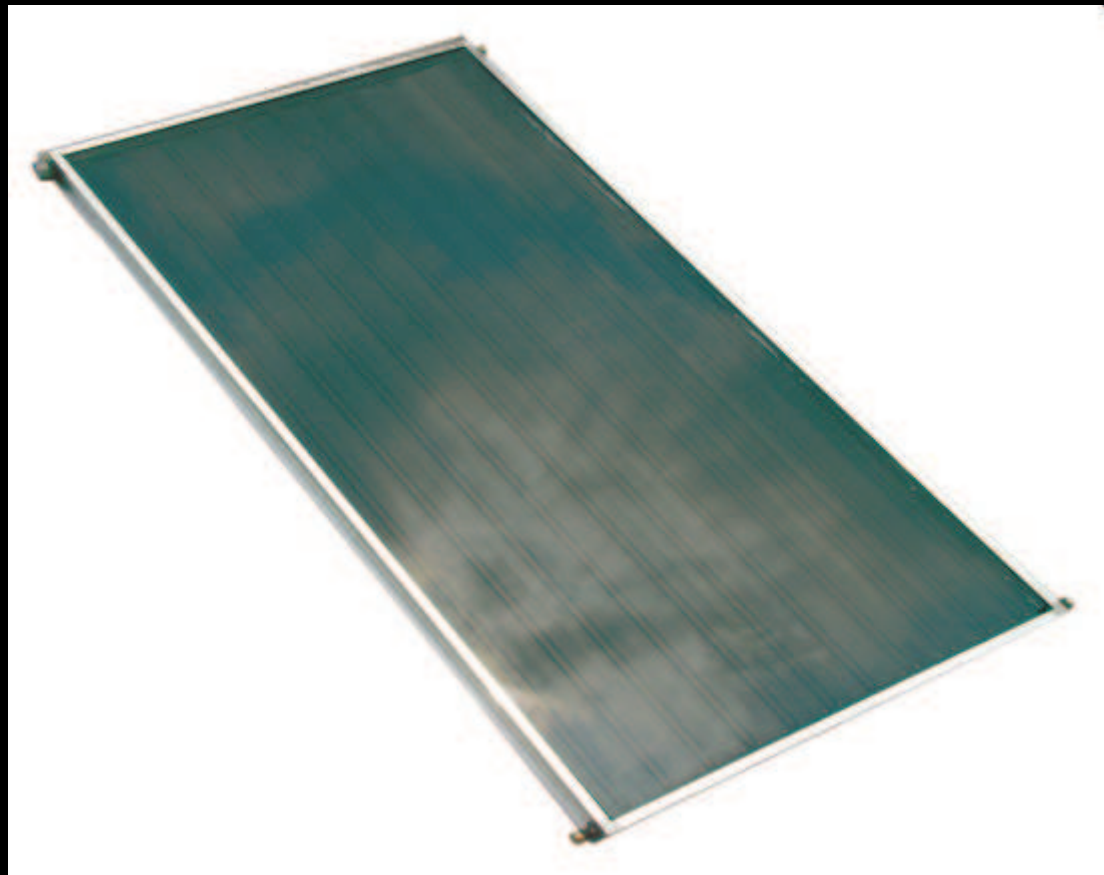


software

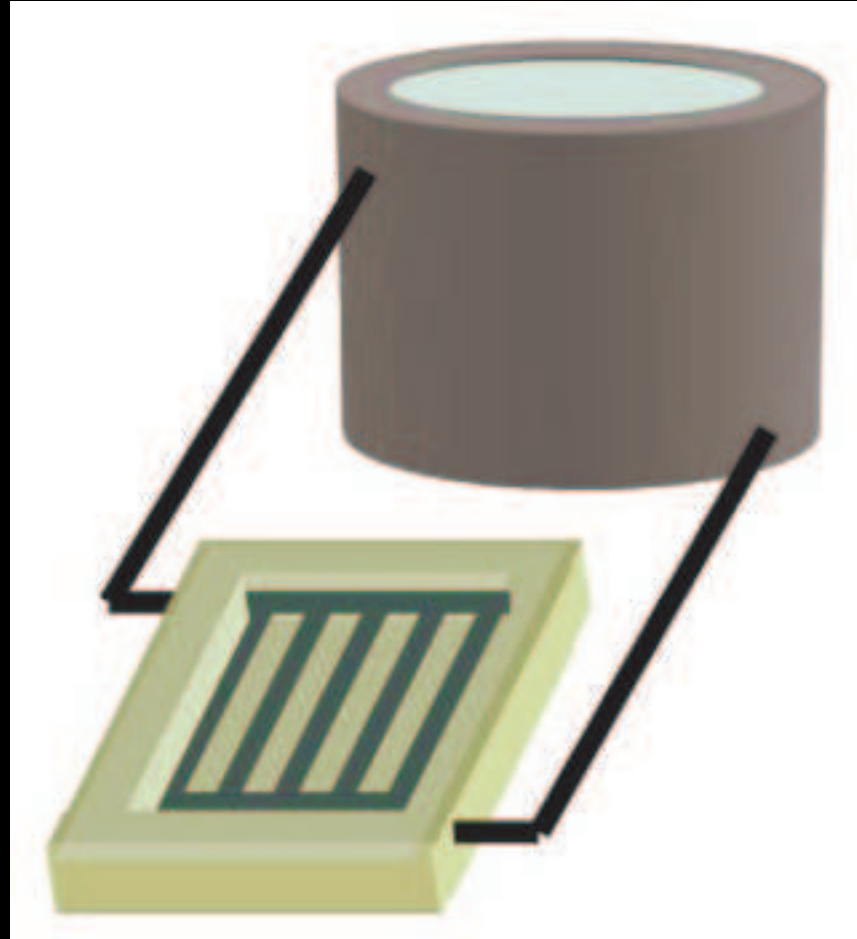




COLECTORES SOLARES







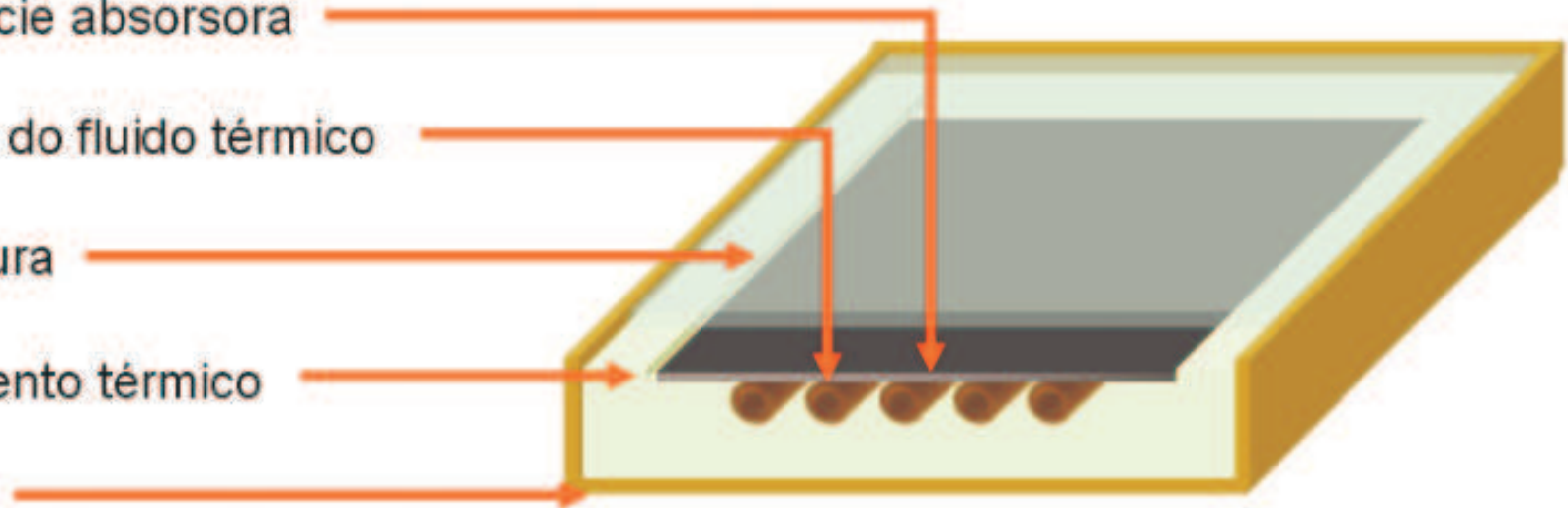
- superfície absorvora

- circuito do fluido térmico

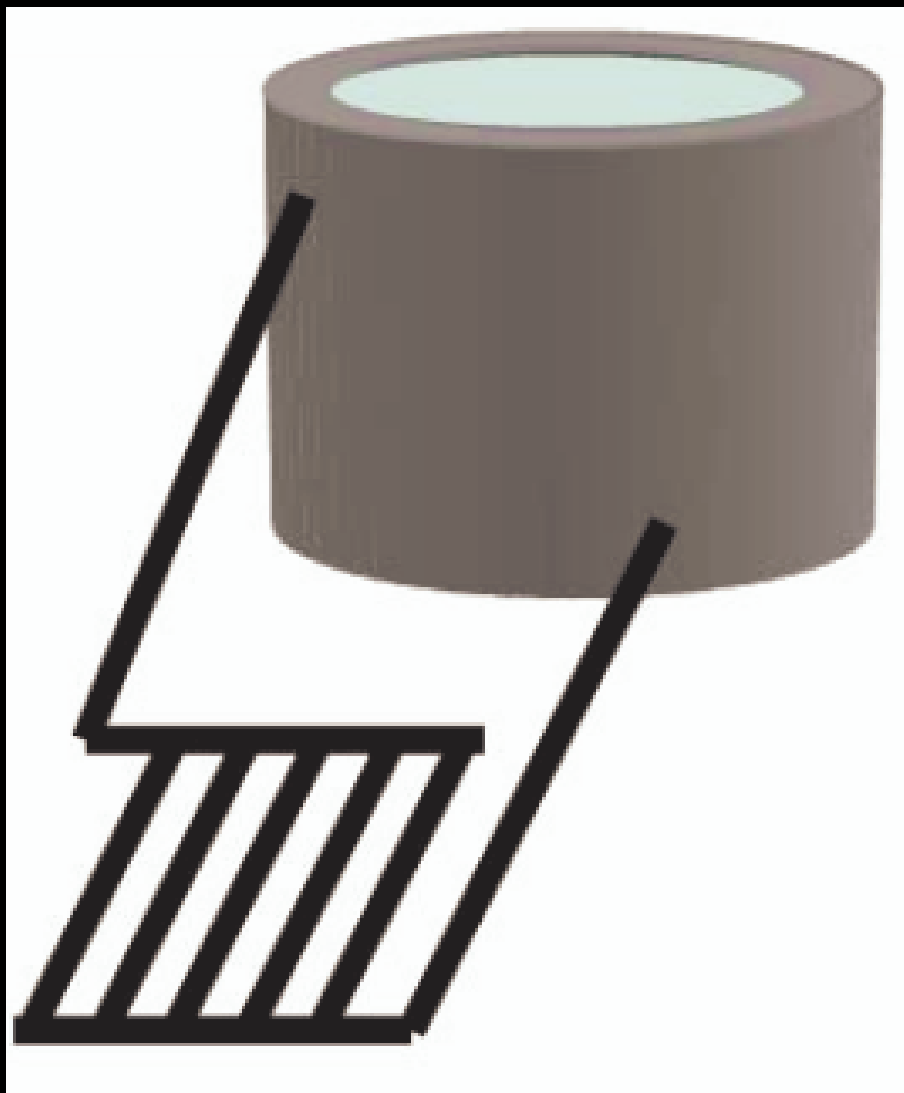
- cobertura

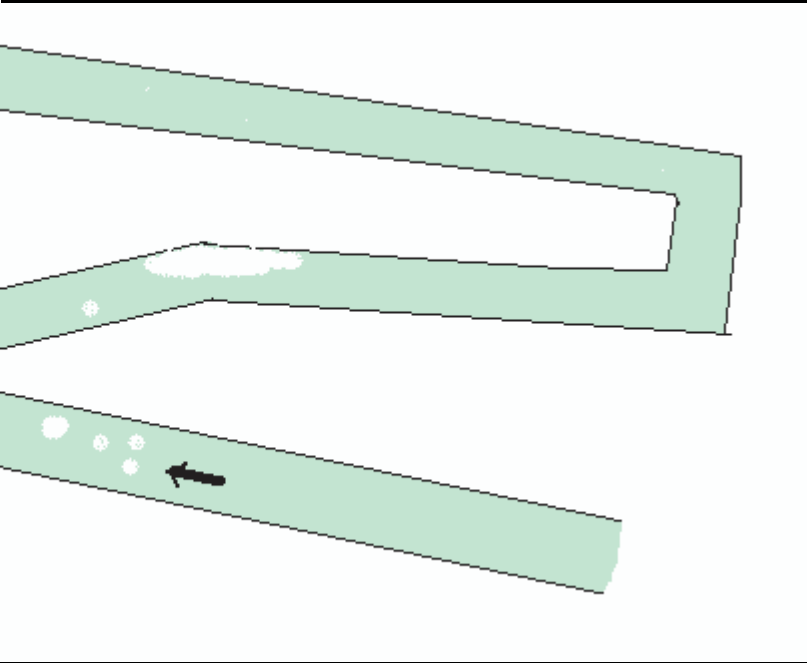
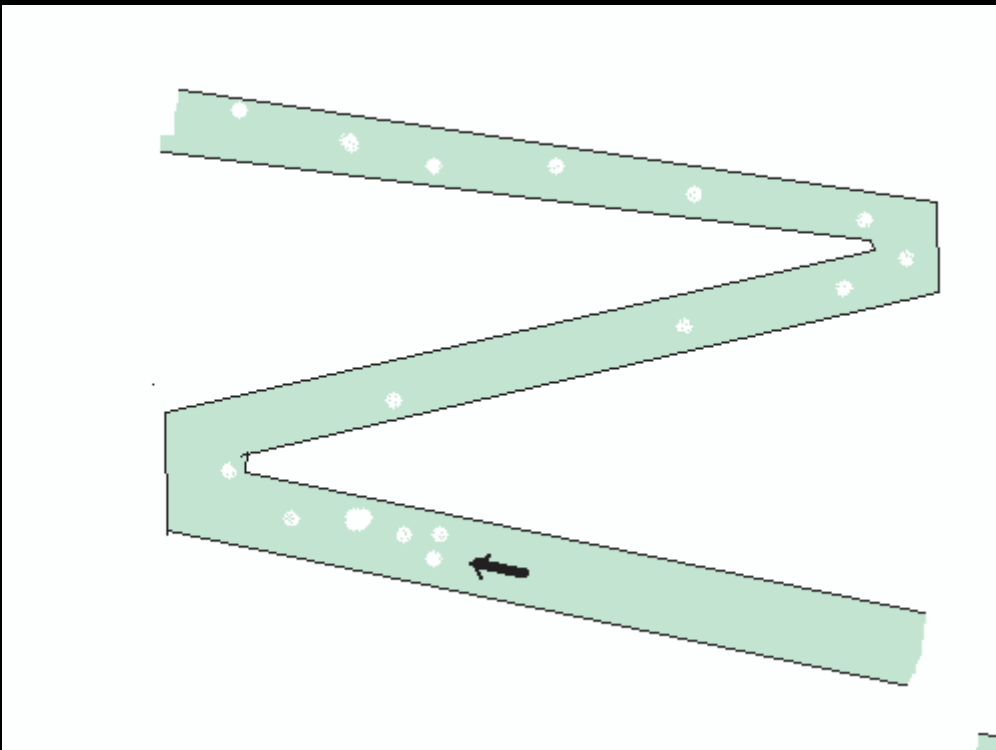
- isolamento térmico

- caixa



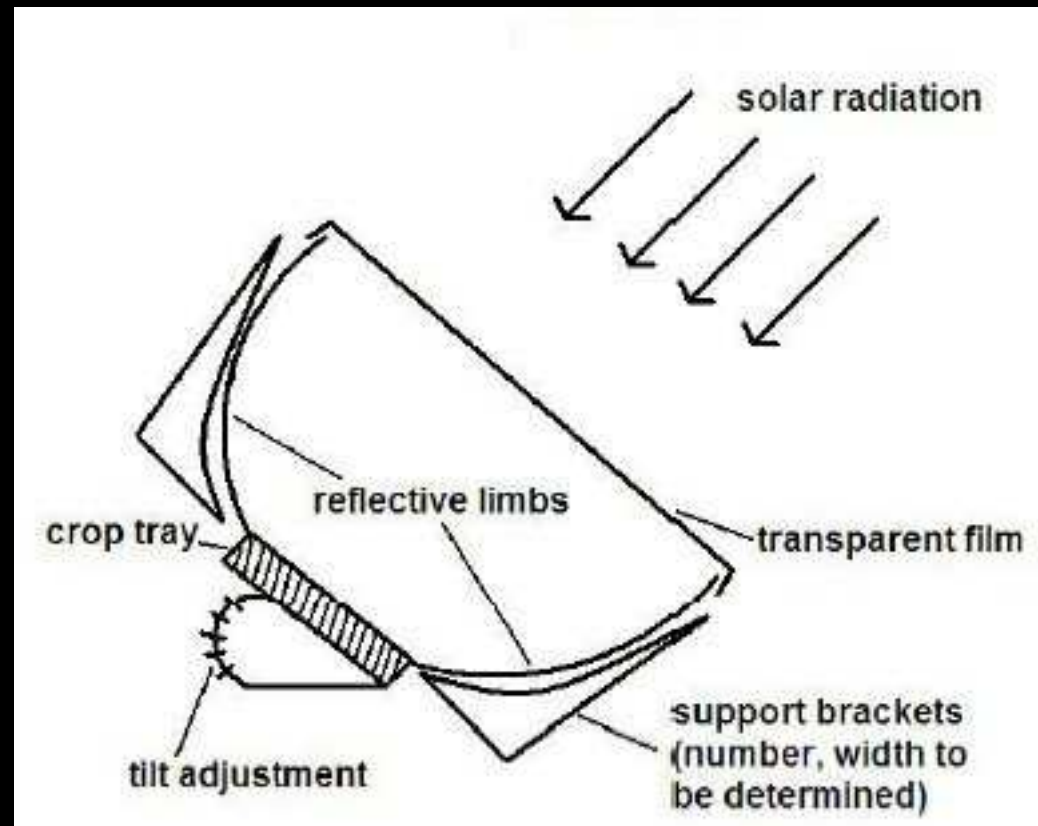


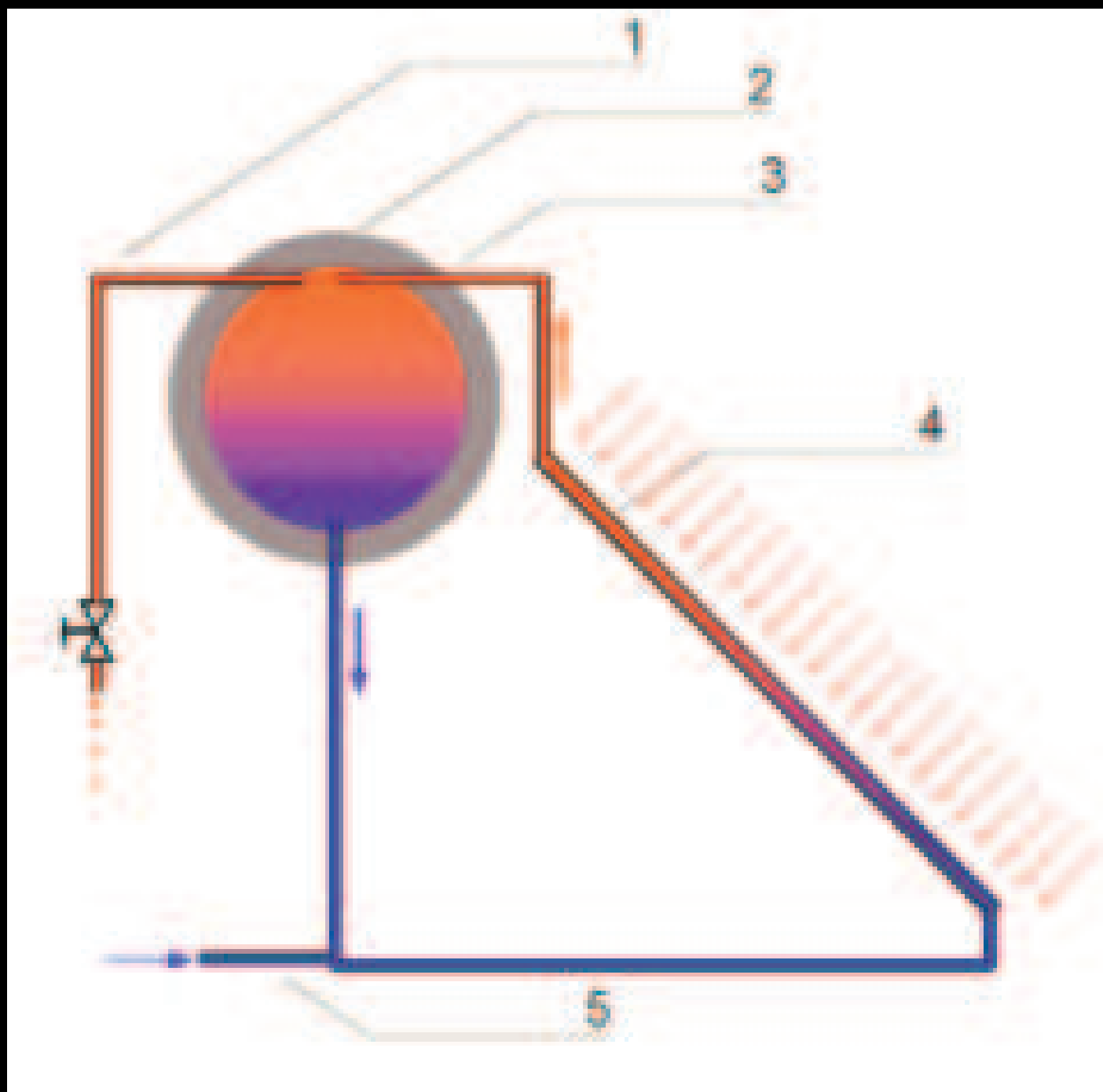


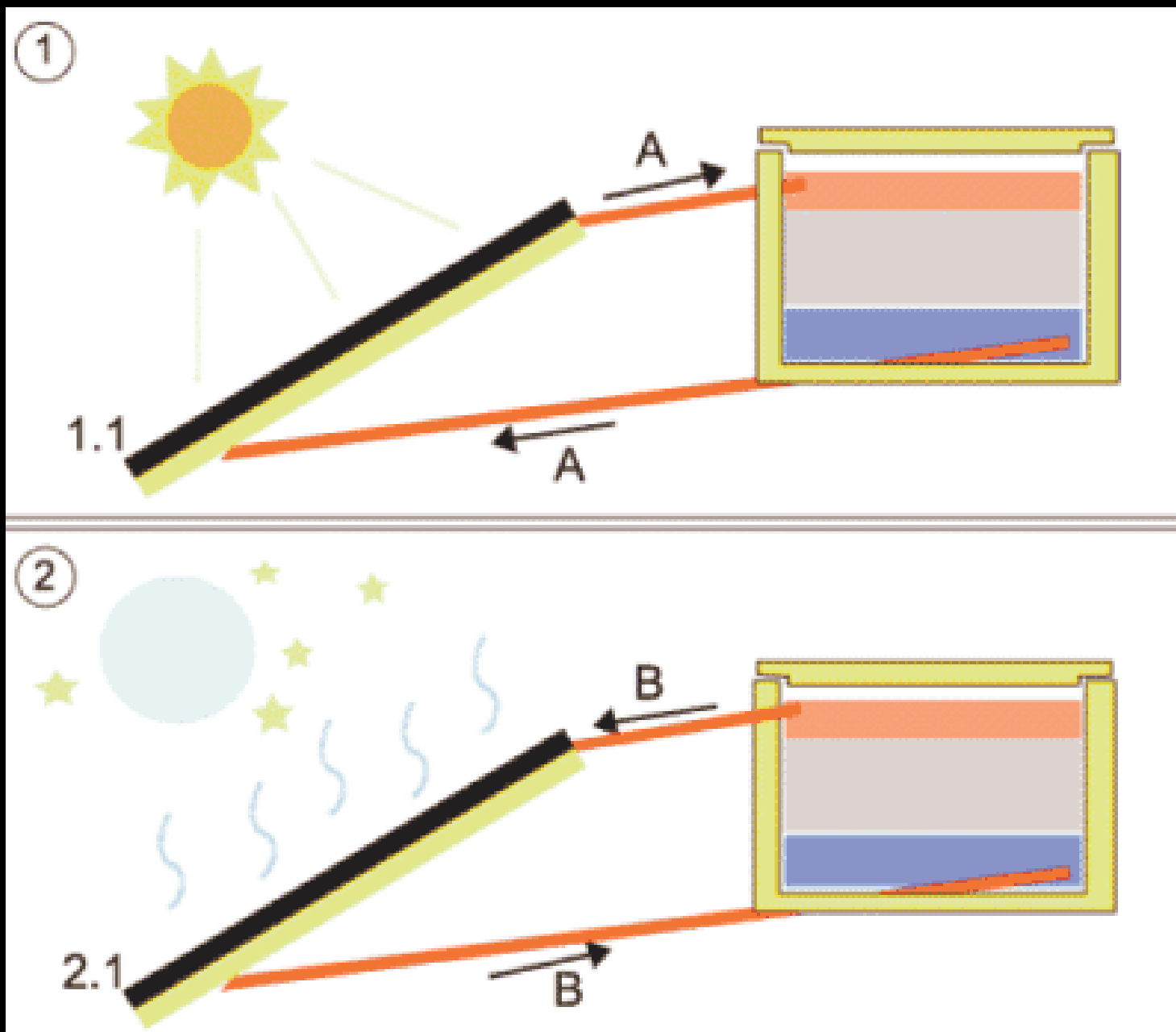




animação

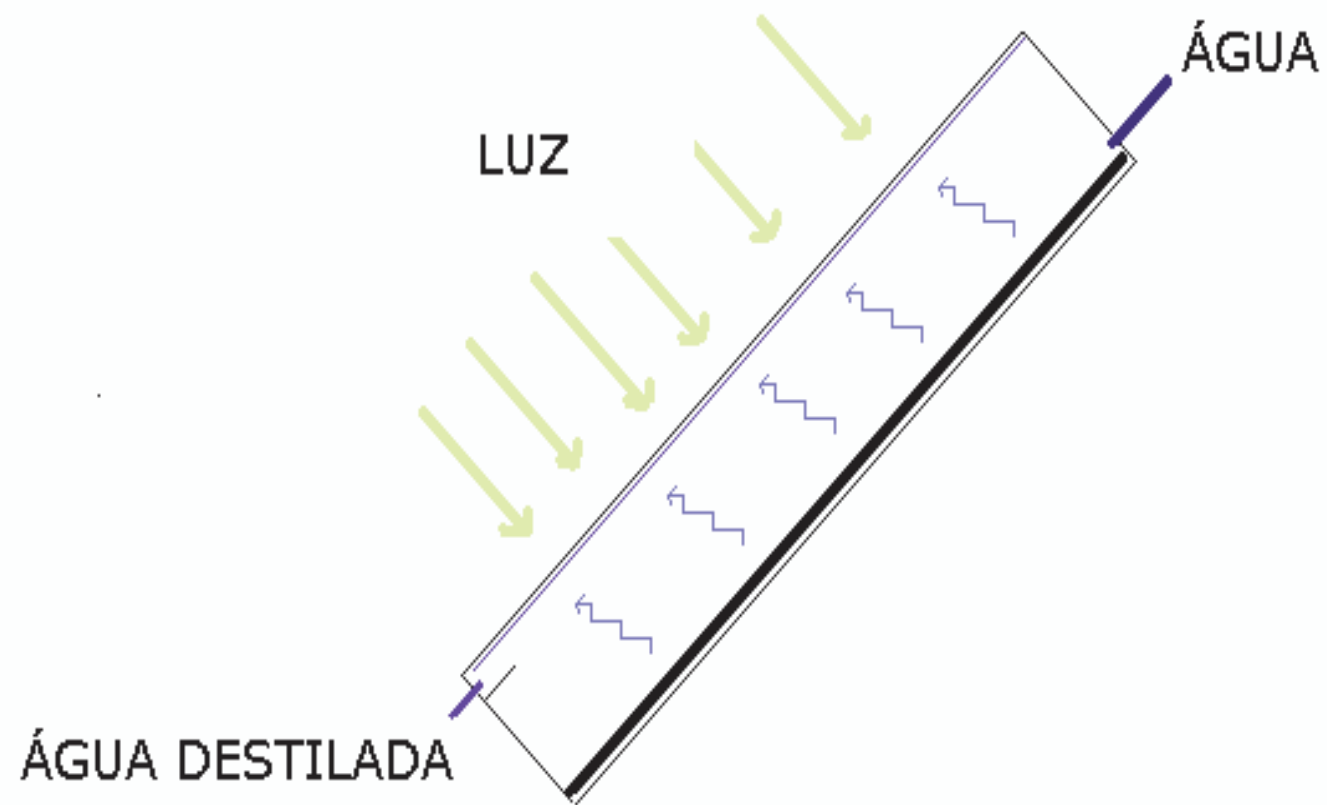


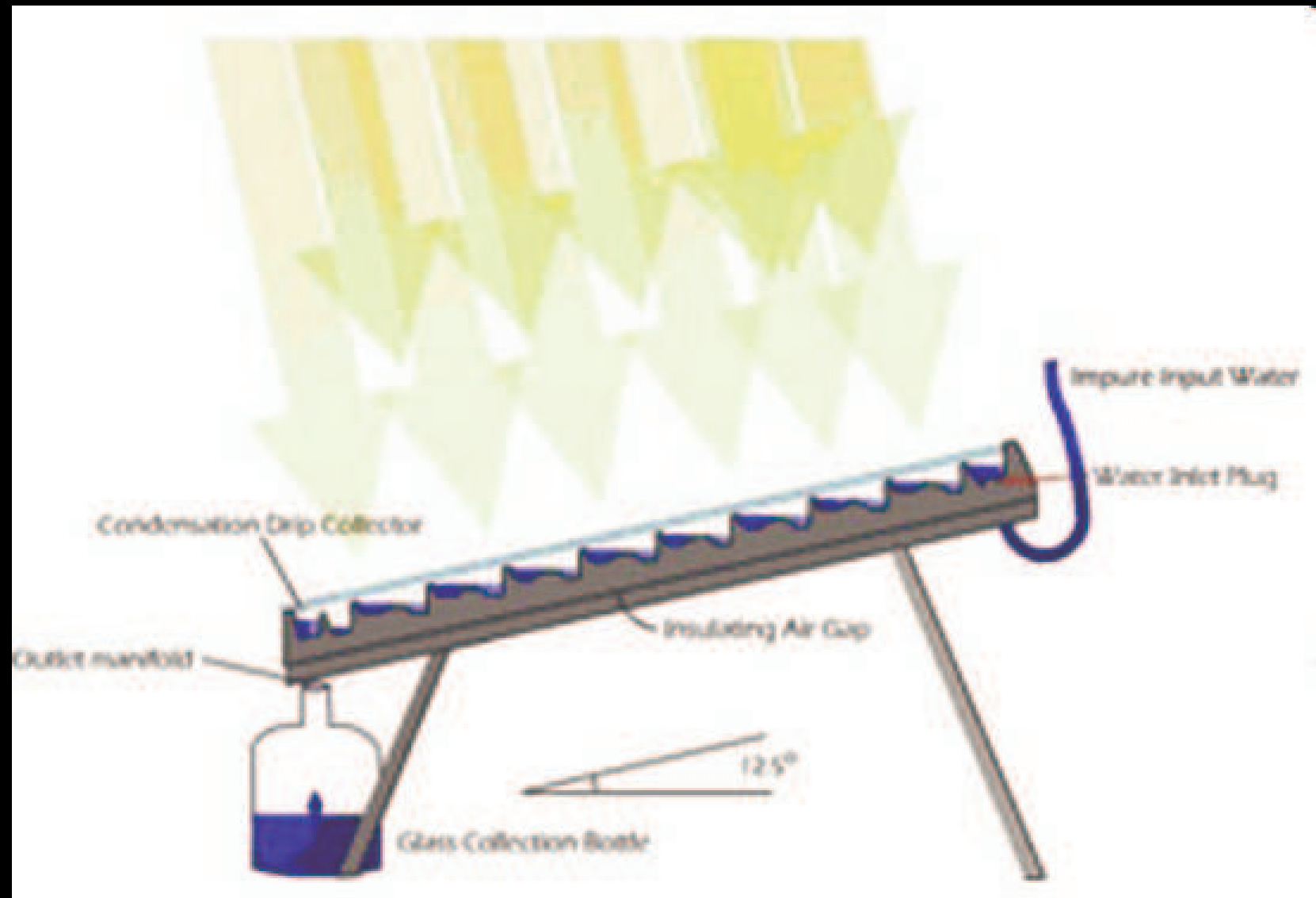




Destiladores solares



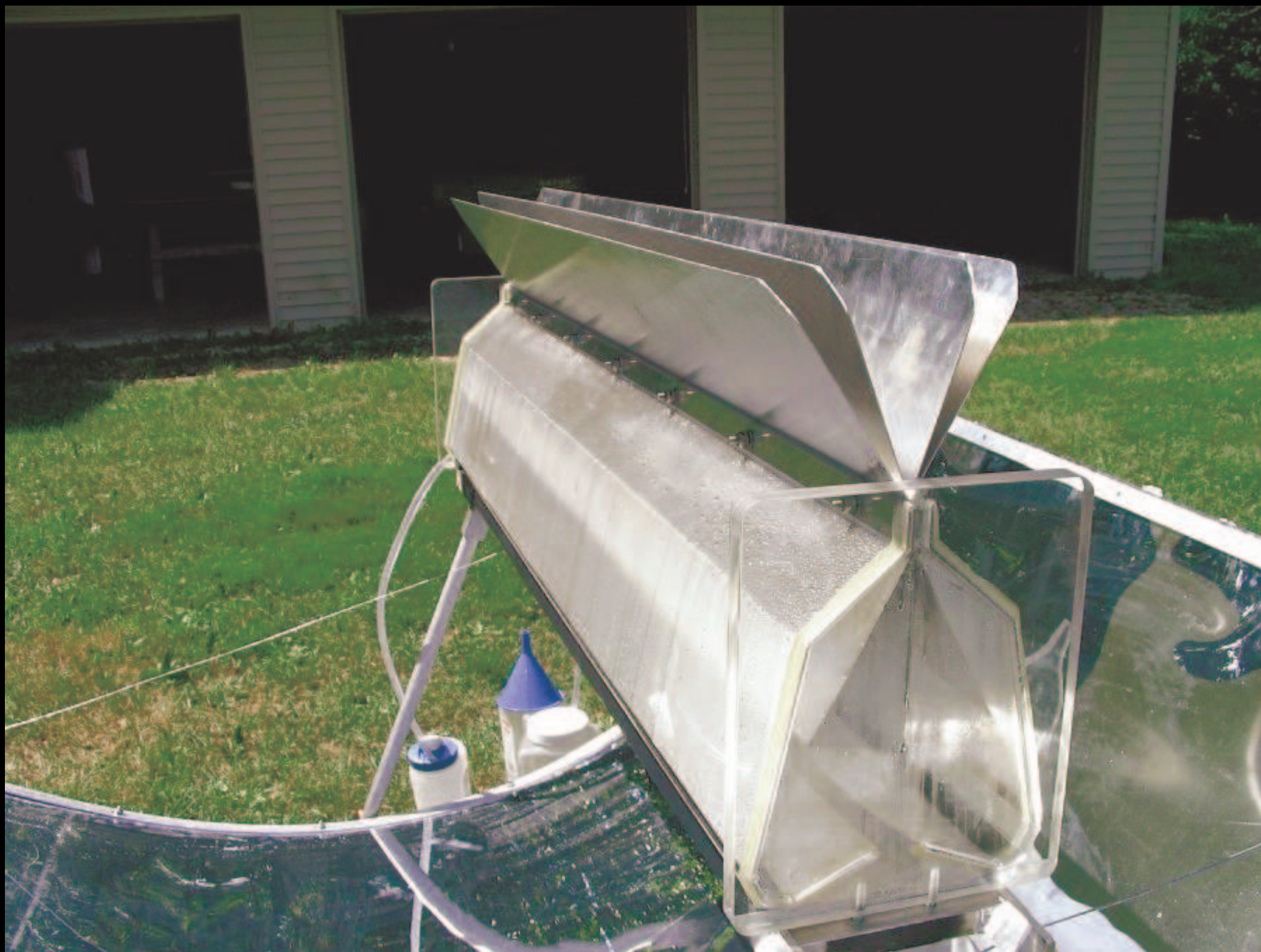




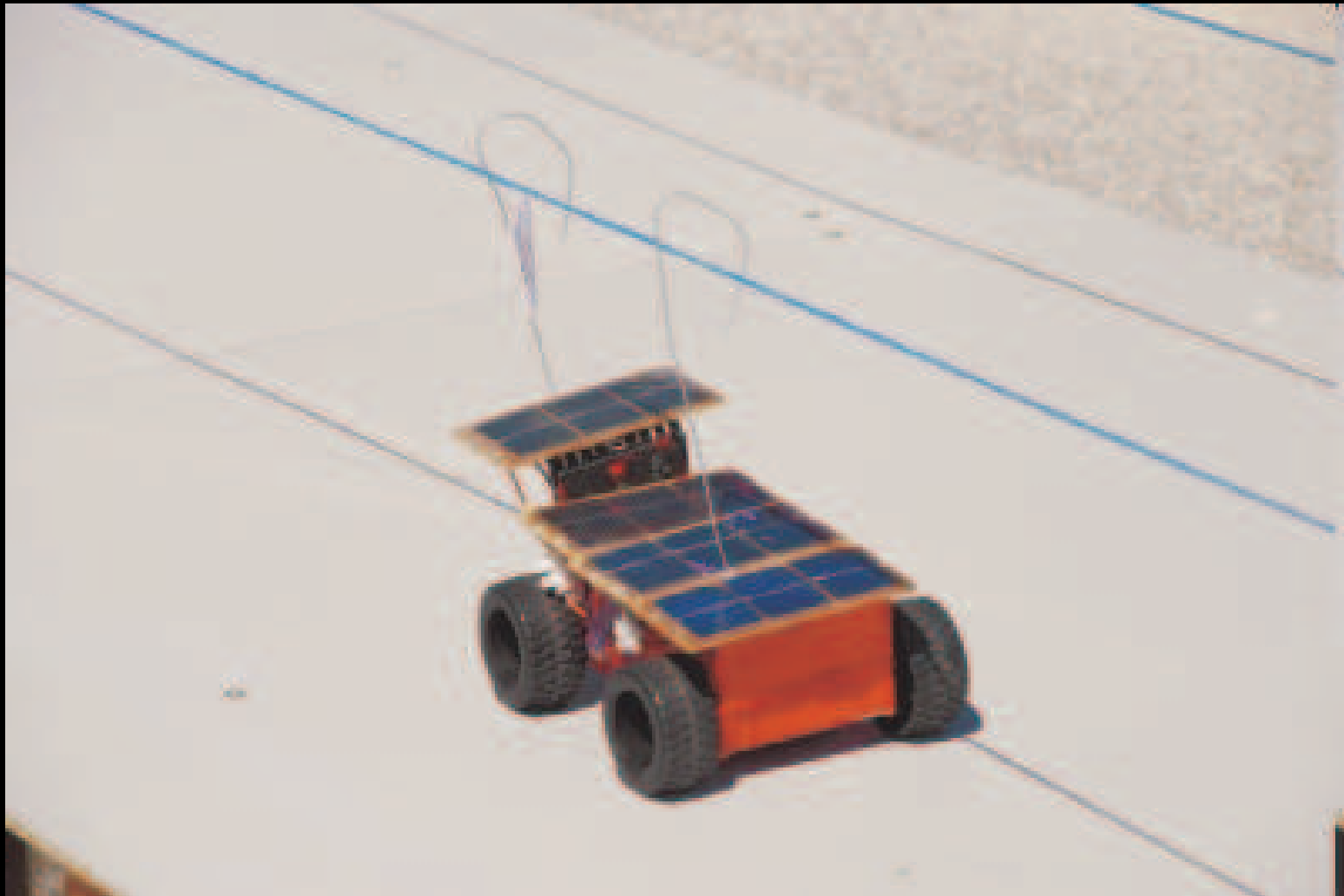


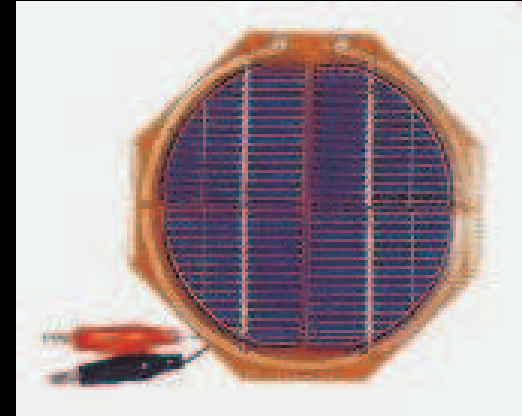
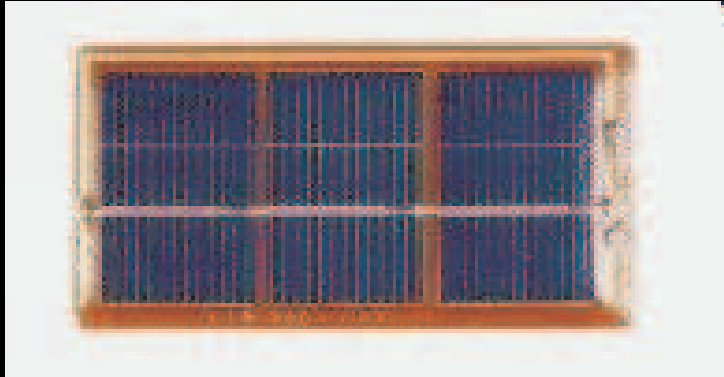






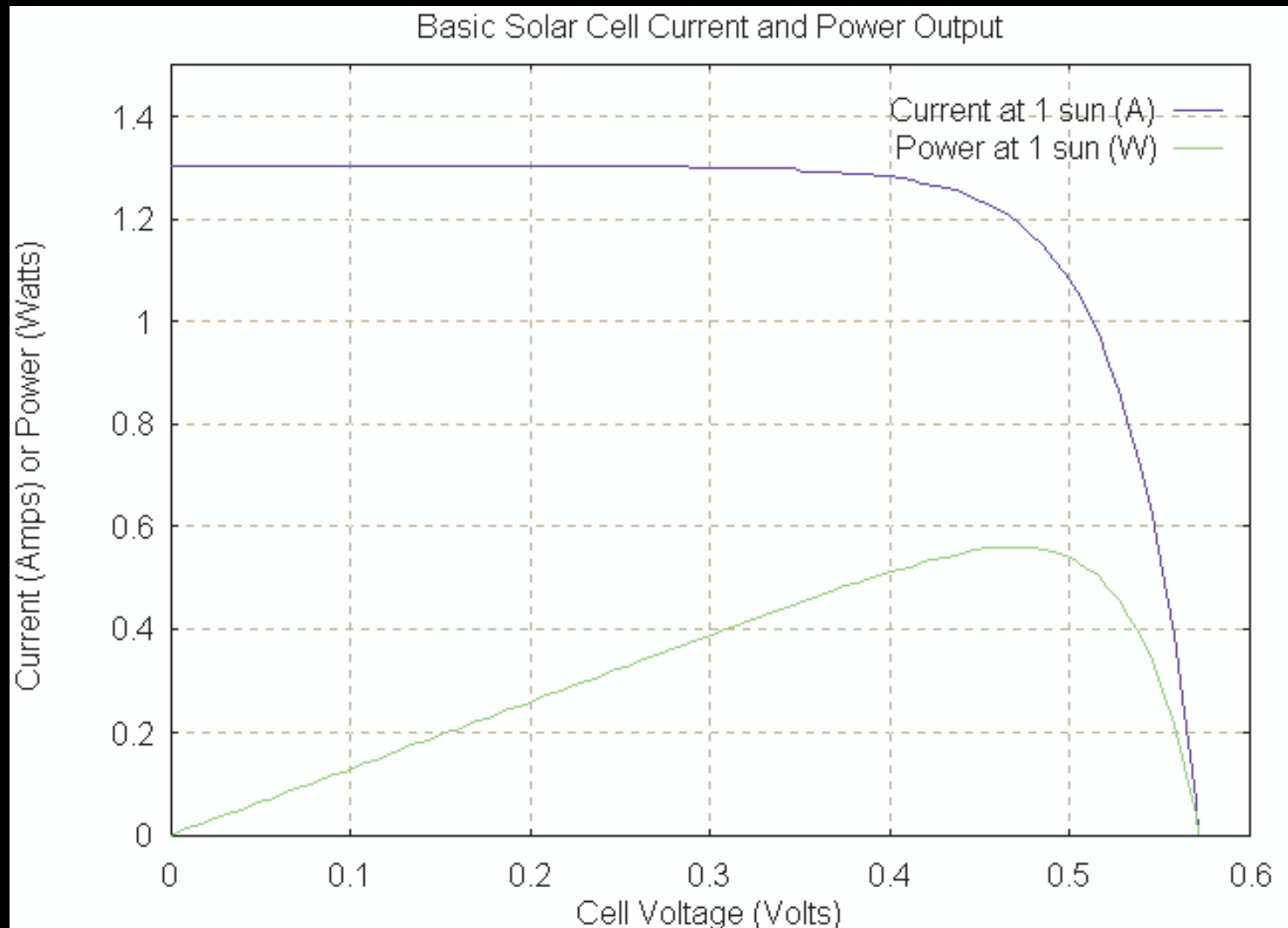
FOTOVOLTAICO

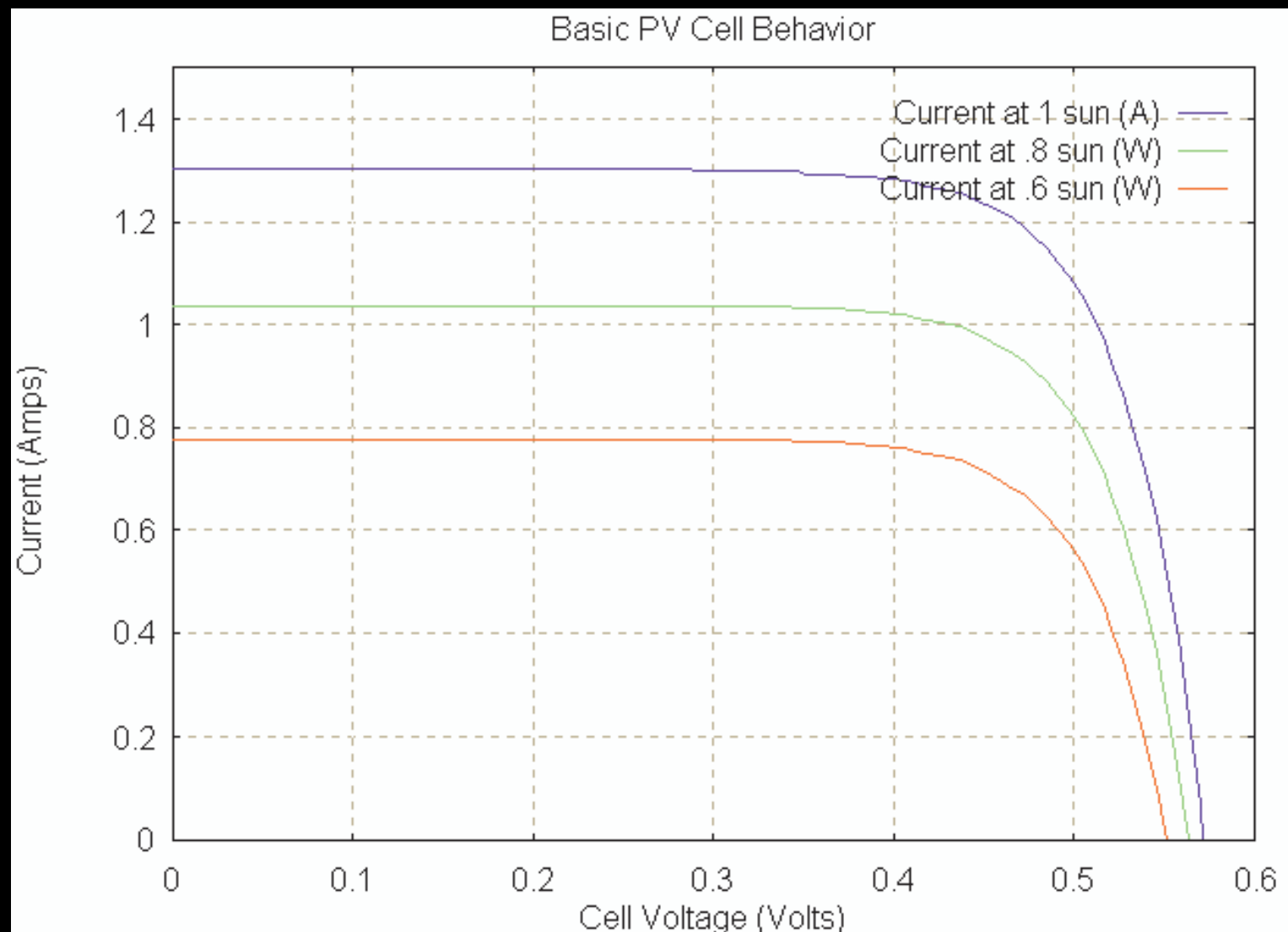




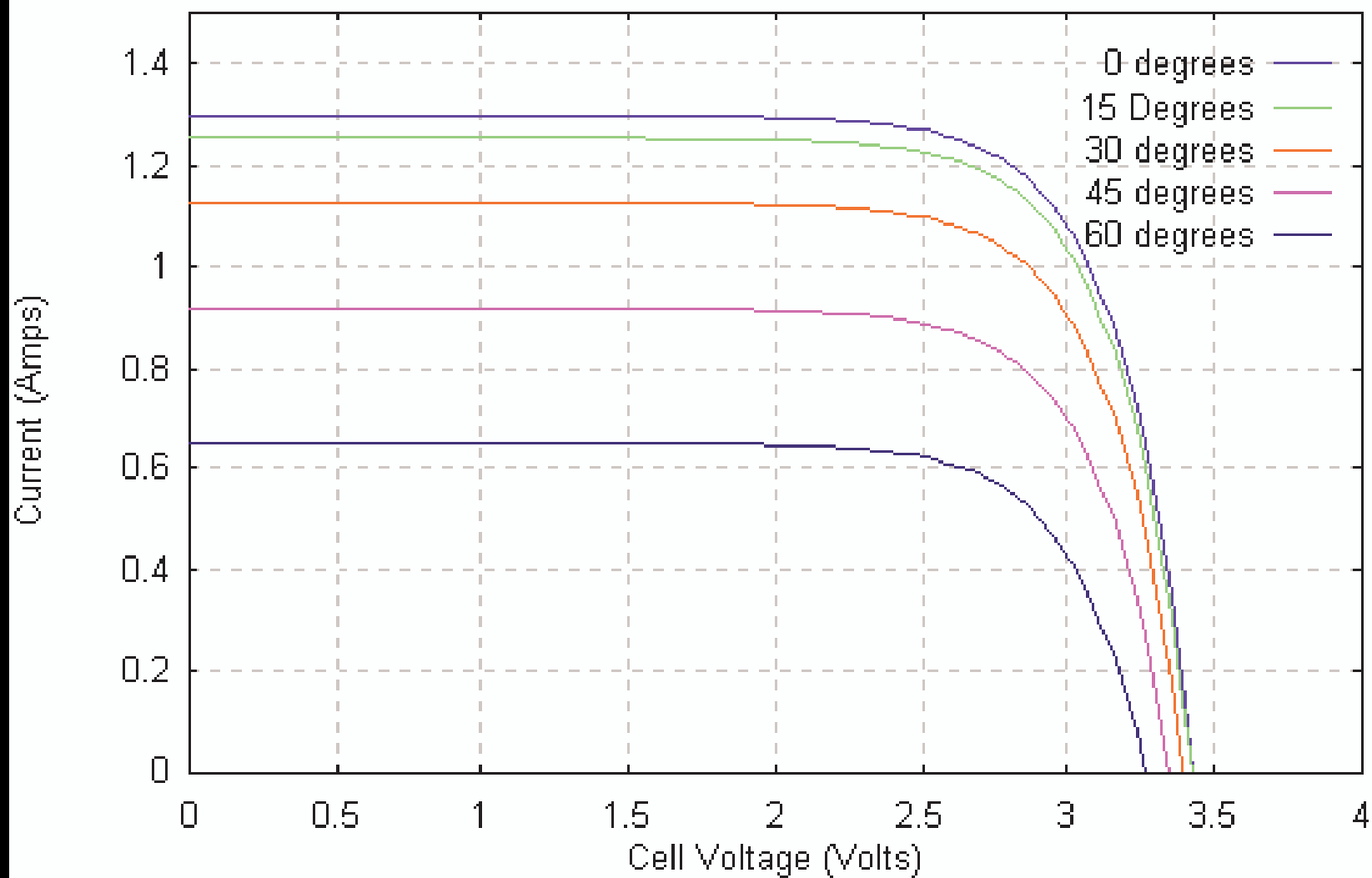
+ **-**

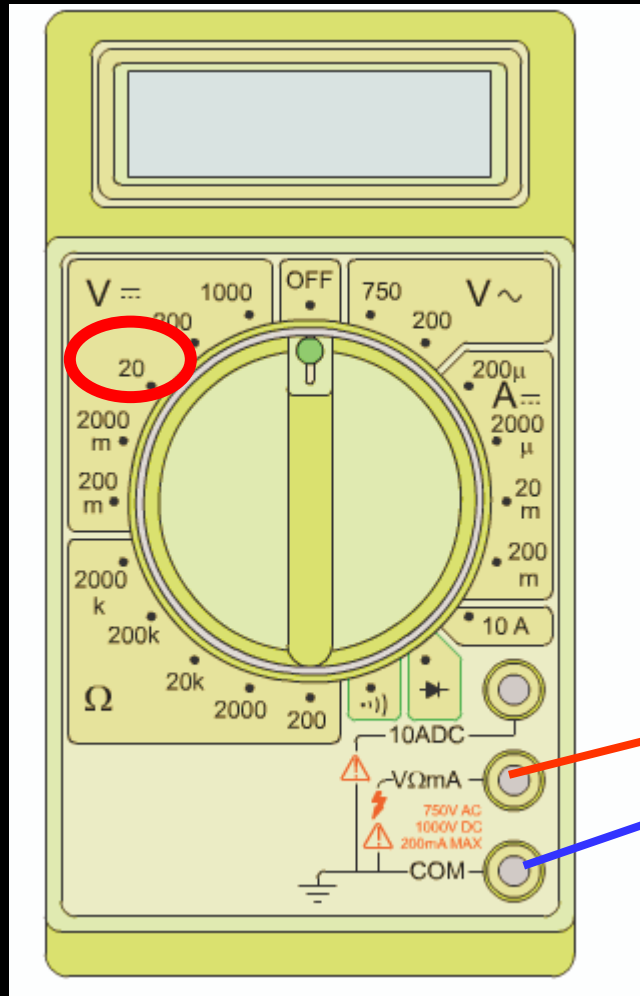
1,5v
0,5 A





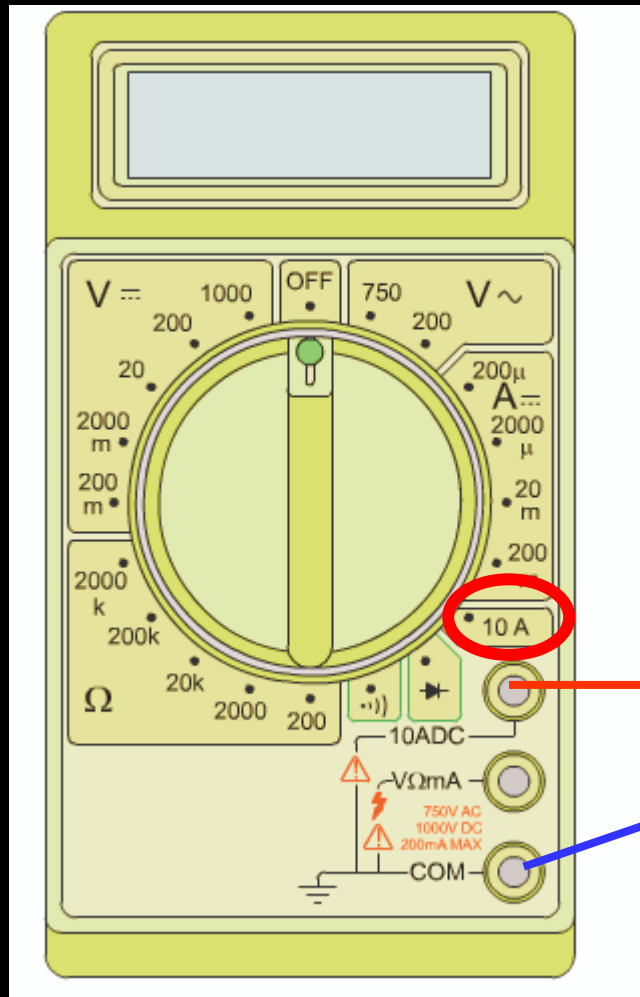
Solar Sprint Panel Behavior - Full Sunlight - Angular Variation





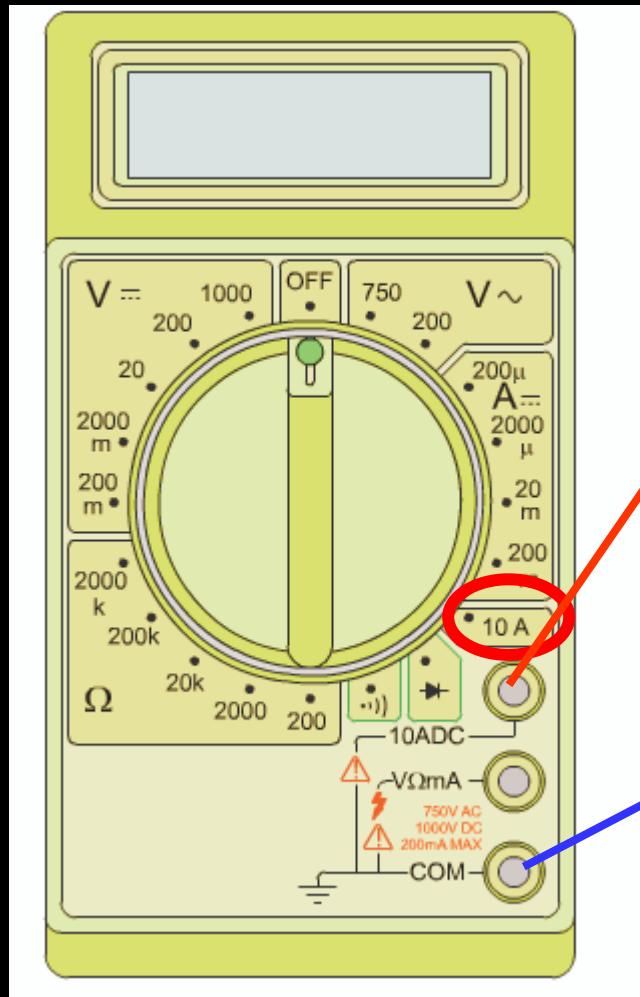
1,5v
0,5 A

←
LUZ



1,5v
0,5 A

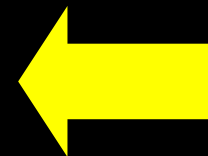
←
LUZ



MOTOR

1,5v
0,5 A

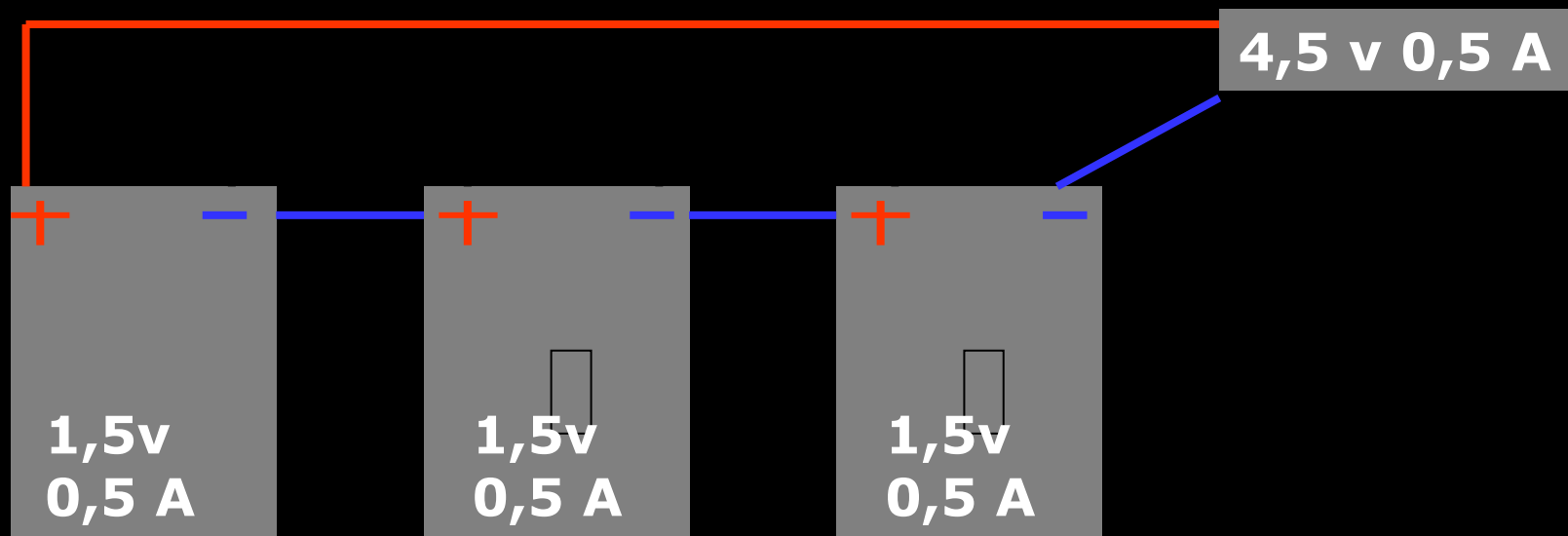
LUZ



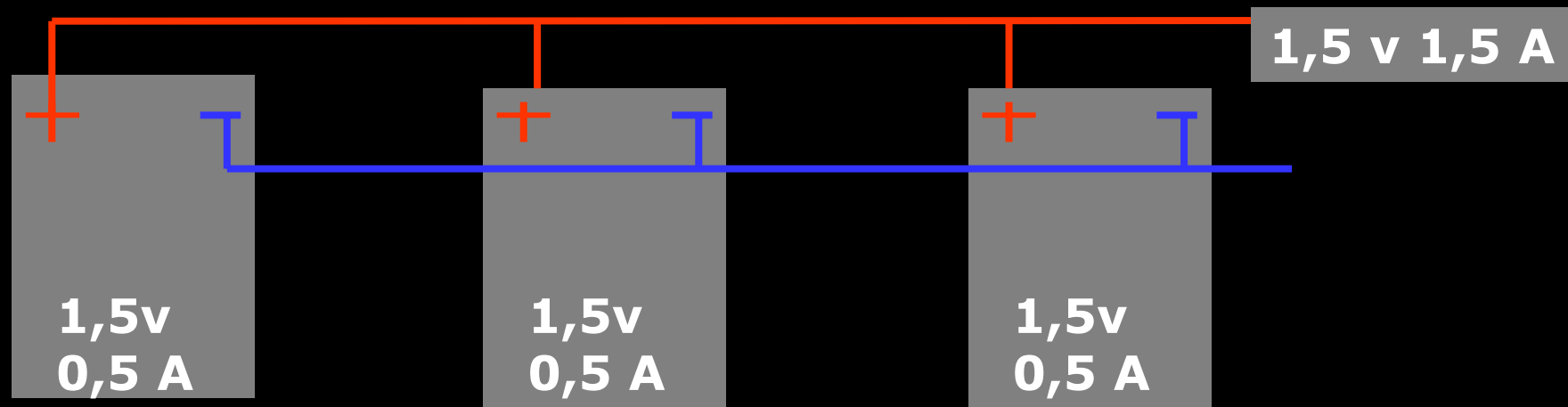
MAIS VOLTAGEM + ROTAÇÕES POR MINUTO

MAIS AMPERAGEM + FORÇA

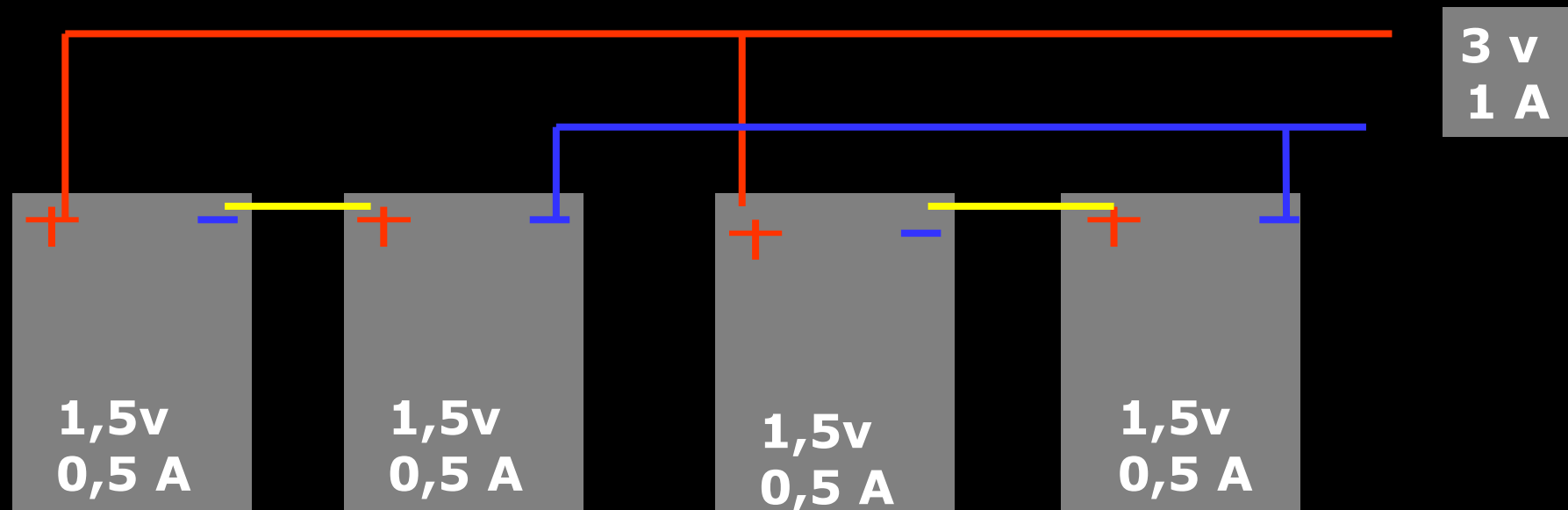
SE OS LIGARMOS EM SÉRIE SOMAMOS AS TENSÕES



SE OS LIGARMOS EM PARALELO SOMAMOS AS CORRENTES



PODEMOS JUNTAR PILHAS EM SÉRIE E LIGÁ-LAS EM PARALELO

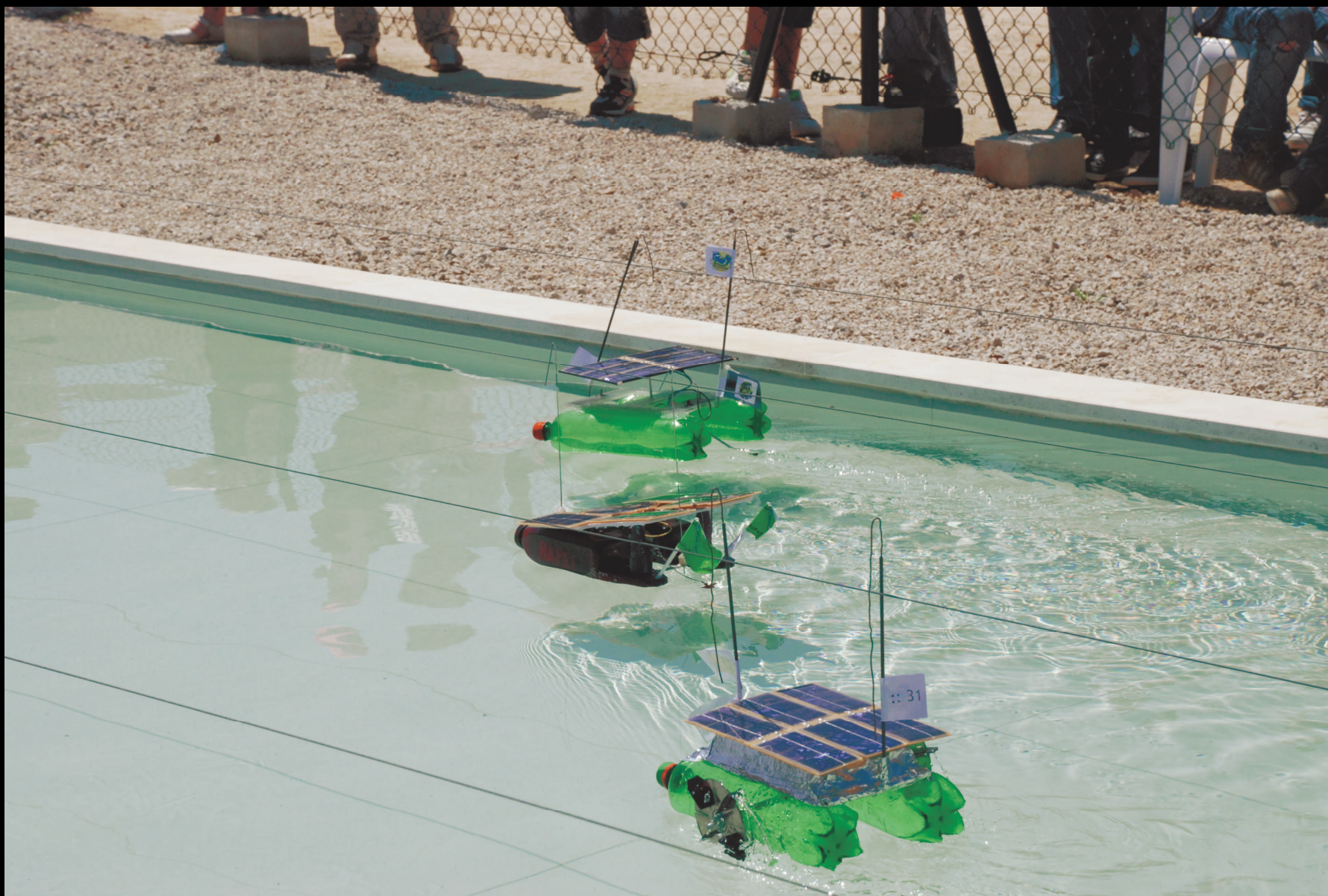














OUTROS





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