

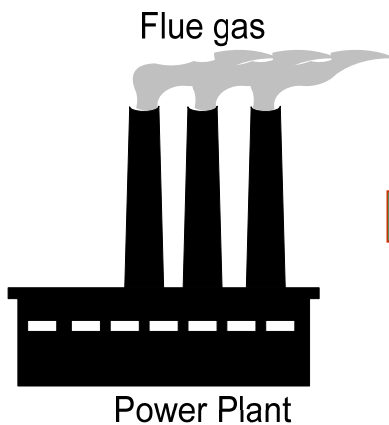
Clean Drinking Water using Advanced Solar Energy Technologies



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Solar Energy

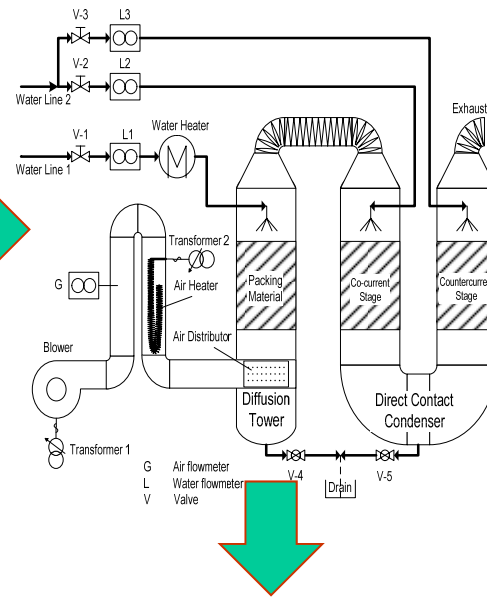


Geothermal Energy
Oil Refinery
Combustion Engine



Waste Heat

Desalination system



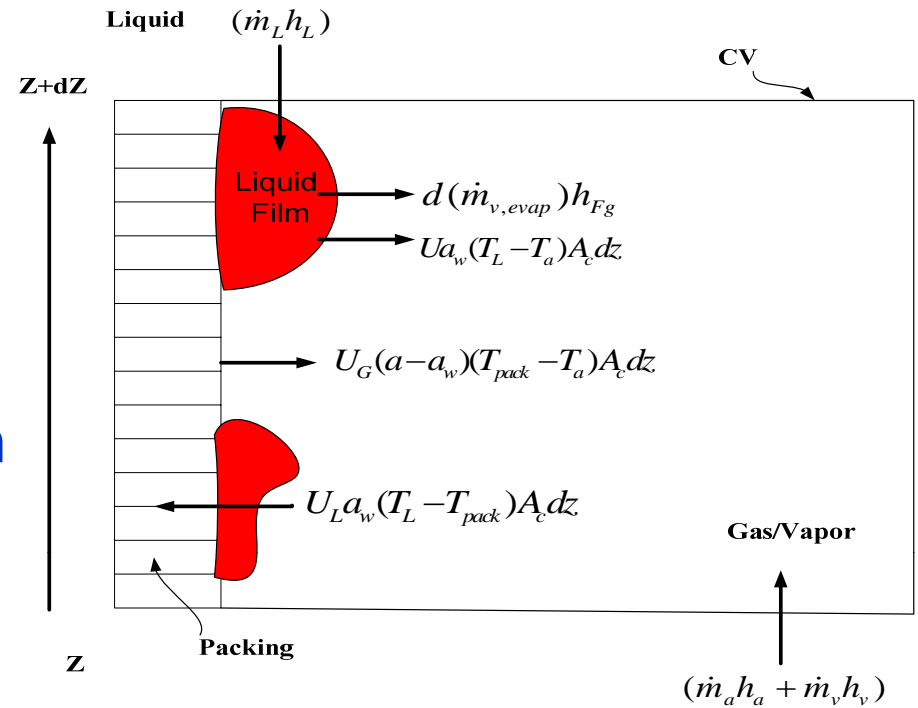
Fresh Water

Sea Water



Solar Diffusion Driven desalination Process

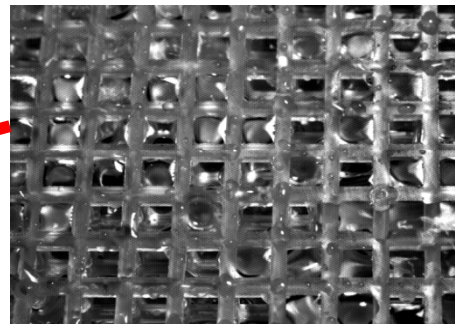
Low-temperature distillation process uses solar energy to separate salt from seawater using direct contact evaporation and condensation.



Condenser



Packed bed



Seawater Tank

Fresh Water Tank