

Abstract Submitted  
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**Low Temperature Distillation  
for Desalination** WILLIAM SCHULTZ, University of Michigan — We examine  
a unique configuration that combines the evaporator and condenser in a low tem-  
perature distillation process. The low temperature (pressure) container is designed  
to use waste heat from a power plant as the hot source and a water reservoir as the  
cold source. Fresh and saline streams of droplets in close proximity create interesting  
hydrodynamic challenges for the directional stability of the droplets.

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