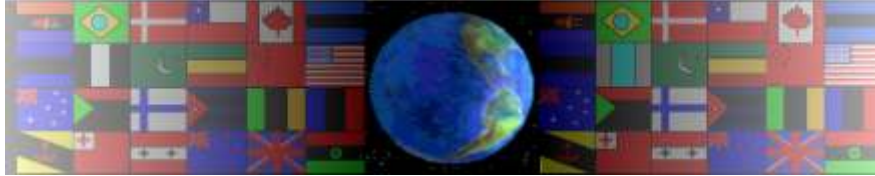


# A BASIC HEAT EXCHANGER

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

## W.A.T.T.



World Association of Technology Teachers

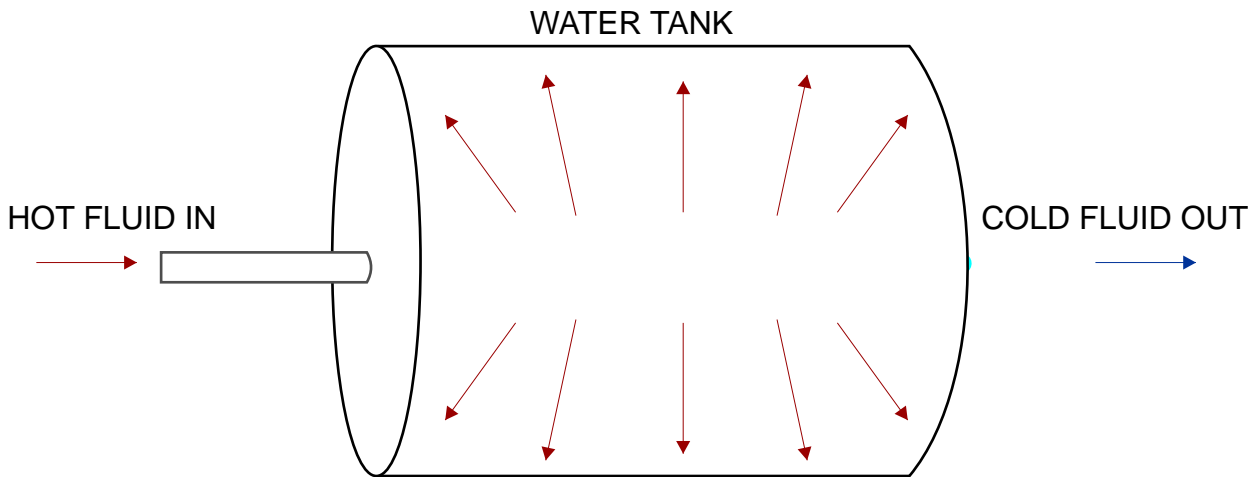
This exercise can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet .

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# A BASIC HEAT EXCHANGER

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1. An incomplete diagram of a Heat Exchanger is seen below. Complete the diagram by adding the missing parts.



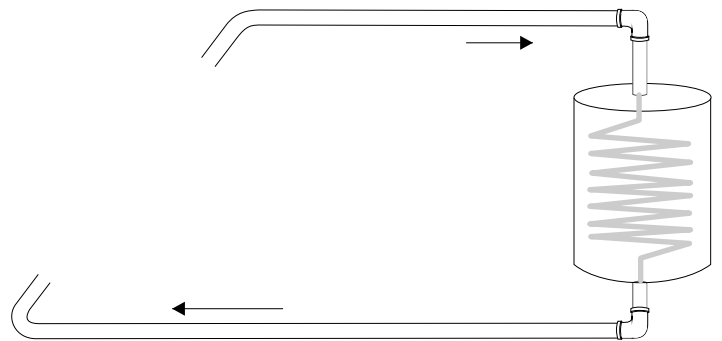
2. The heat exchanger drawn above is used to provide hot / warm domestic water. Explain how it works.

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3. A typical solar power water heating system is seen below. Complete the diagram on the right by adding the missing parts. Add labels to identify the various parts.



4. Explain how the solar power water heating system shown above works.

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