

Hydraulic Ram Pumps A Guide To Ram Pump Water Supply Systems

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This instructable shows how to build a fairly simple water pump that needs no energy input other than water flowing from a higher point to a lower point. Most of the pump is constructed from PVC, with a couple of bronze pieces thrown in for flavor. I was able to source all of the parts from a local hardware store (Lowes) for a bit under \$100.

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~~How does a hydraulic ram pump work? |~~

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Hydraulic ram pumps are well adapted to locations where other power sources are limited. They do not need any electricity, can work anytime the stream is flowing, and do not need wind or sunshine to operate. This technology note is designed to provide the history of ram pumps, describe how they work, and be a general guide to applicability.

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