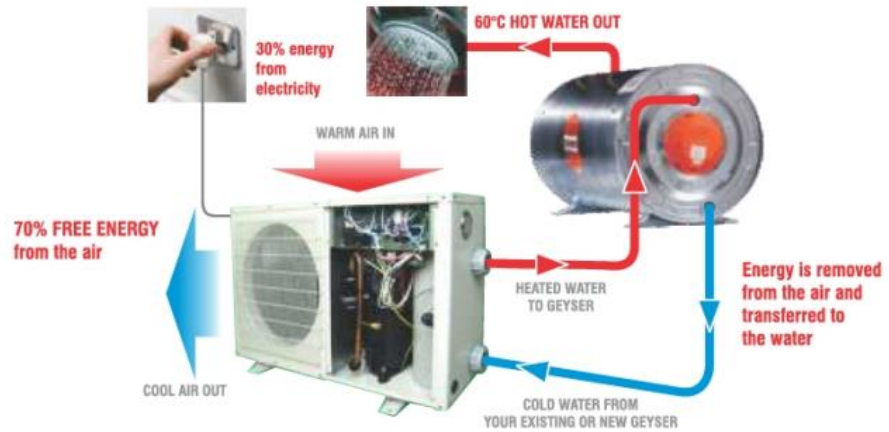# ENERGY TIP

HEAT PUMPS VS GEYSERS

A heat pump works like an inverse air conditioner. It takes heat particles from the atmosphere, compresses them, pumps them into your geyser and circulates the water round.

Heat pumps are efficient in how they use electricity and requires approximately one-third of the energy of a conventional geyser to heat the same amount of water, resulting in an average energy saving of up to 70%.

This results in a cumulative cost saving of around R70 625 for a standard four member household using an average of 52l of warm water per person over a 10-year period.

By comparison, a solar heating system achieves around R59 500 in savings under the same conditions.

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