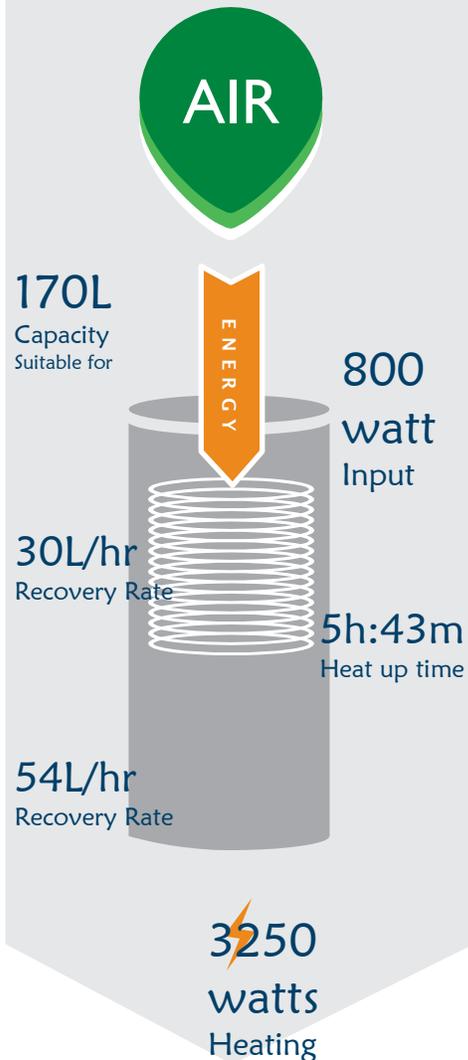
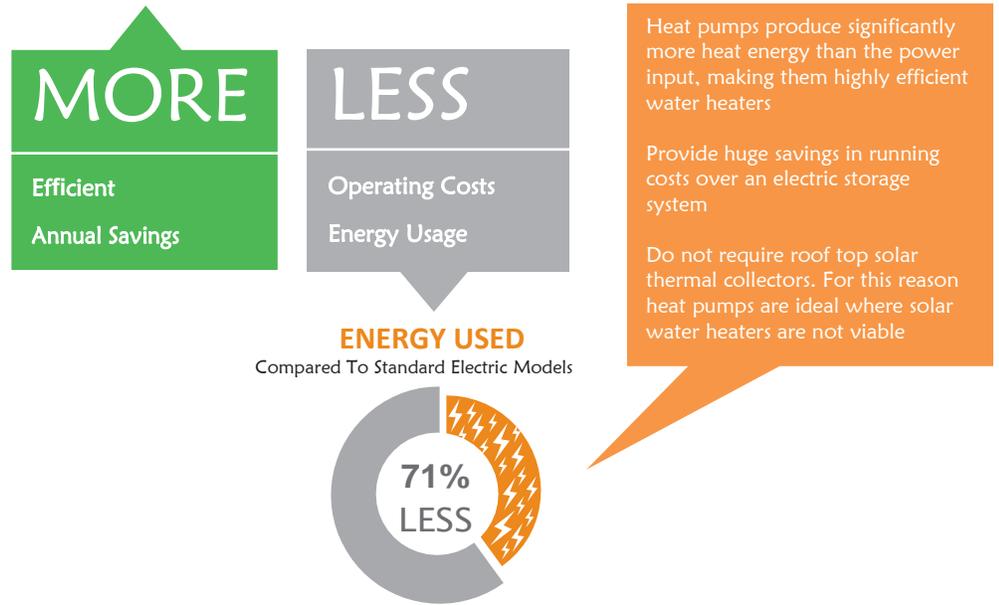


**greenhub** is a sustainable construction company that aims to provide design and consultancy solutions on energy efficiency and environmental conservation systems, that can be utilized by various infrastructures. We aim to ensure buildings and structures have lower utility bills and integrate to their immediate environment.



## How an Electric Heat Pump Saves

Water heaters are the second highest source of energy usage in a home, and for the average homeowner energy means money. Going with an energy-efficient water heater can help you save. Going heat pump could help you save more, because moving heat is far less expensive than creating heat.



Heat pumps utilise an ingenious technology to efficiently transfer thermal energy directly from the surrounding air and into the water, and so do not rely on direct sun or fossil fuels to provide an energy source.



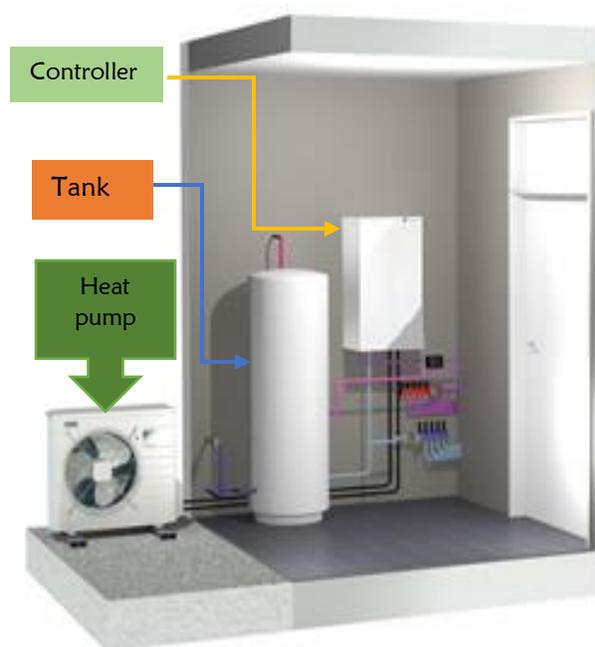
**AIR** Heat Pump extracts around 4kW from surrounding air.



<sup>1</sup> Average COP is 3.72 based on AS/NZS 5125 test condition 2.



<b>Model</b>	Audsun K70-X			
<b>Heating Capacity</b>	3250W			
<b>Input Power</b>	860W, 220V/50Hz			
<b>Operation Control</b>	Automatic/Manual Startup, Malfunction Alarm			
<b>Safety Equipment</b>	Pressure Protection/ overload Protection/ Temperature Protection			
<b>Refrigerant</b>	R22/ R417a/ R410a			
<b>Waterway System Specifications</b>				
<b>Outlet Temperature (°C)</b>	<b>Inlet Diameter</b>	<b>Outlet Diameter</b>	<b>Circulation pipe Diameter</b>	<b>Pressure</b>
20 – 60	½” male	½” male	¾”	0.8 MPa
<b>Air side Heat Exchanger</b>				
<b>Type</b>	<b>Motor Power</b>	<b>Wind Outlet</b>	<b>Airflow m3/min</b>	
Rifled Pipe hydrophilic aluminum foil	18W	At the front	30 - 40	
<b>Outdoor Unit Specifications</b>				
<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Height (mm)</b>	<b>Net Weight (Kg)</b>	
750	300	510	38	
<b>Water Tank Specifications</b>				
<b>Volume (L)</b>	<b>Net weight (Kg)</b>	<b>Applicable Range</b>		
150	183	3 – 6 People/ Household		
<b>Other Specifications</b>				
<b>Controller</b>	<b>Max Length one way (m)</b>	<b>Max Height (m)</b>	<b>Operation Range (°C)</b>	<b>Colour</b>
Standard Timer	3	2	-10 - 30	white



Heat pumps can be used in areas that require both heating and cooling needs. Such as restaurants or kitchens where the cold airflow can be used to cool down the space with the hot water generated being used for washing hands, dishes and other utilities.

This ensures that your restaurant, office, home or facility attracts the much needed customers by providing hot water amenities to its clients at the same energy bills as operating an air conditioner.



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