



Kwikpump

DOMESTIC HEAT PUMP



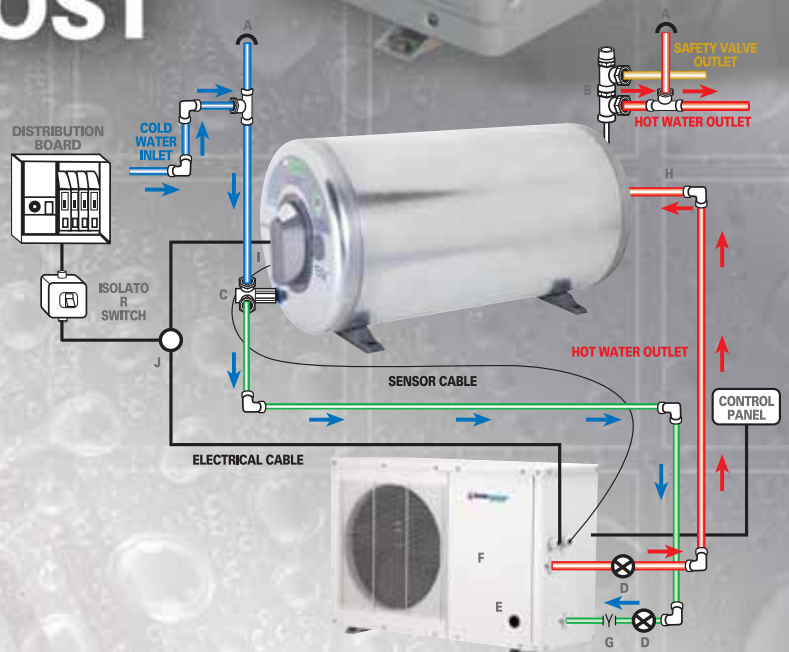
heat water at a **1/3** of the COST

THE EFFICIENT, COST-EFFECTIVE AND ENVIRONMENTALLY FRIENDLY ALTERNATIVE to solar water heating.

This alternative trend in water heating works on the reverse principle of that of an air conditioner, extracting ambient heat from the atmosphere to heat the refrigerant, which is then pumped into a heat exchange condenser to heat water in a domestic electric water heater or solar water heater. The end result is water heated for approximately one third of the electrical usage of an electric water heater. The free environment energy extracted from the ambient heat, provides approximately 75% of the heat pumps heating energy.

Heat pumps are available for 100lt to 250lt electric water heaters.

Efficient use of natural energy



NOTE AT H:
 1) Do not remove existing insert
 2) Insert new diffuser pipe through the insert
 3) The new diffuser pipe needs to face downwards towards the bottom of the geyser, i.e. towards the cold water inlet

NOTE AT I:
 1) Bond sensor pocket to electrical flange next to element
 2) Insert heat pump sensor into pocket

CIRCUIT BREAKERS:
 3.5KW - 4.5AMP = 15AMP
 5.5KW - 6.0AMP = 15AMP
 7.0KW - 8.6AMP = 20AMP

LEGEND:
 A - vacuum breaker
 B - combination safety valve
 C - combination drain cock
 D - shut off valve
 E - circulation pump*
 F - heat exchanger*
 G - Y strainer
 H - diffuser pipe
 I - sensor pocket
 J - change over switch - 3 way
 * Inside the unit

www.kwikot.com