



NEW HEAT-PUMP WATER HEATER: *THE COST-EFFECTIVE SOLUTION TO TODAY'S HIGH WATER HEATING COSTS*

The new non-solar way to heat water – at up to **60%** lower cost than a normal electric geyser!

- *Heat-pump technology produces approximately 3 kW of heat energy from every 1 kW of electrical energy – cuts cost of heating water by two-thirds!*
- *No unsightly solar collectors on your roof – no exposed glass to break*
- *Far cheaper to install than solar water heating*
- *Also heats at night and during rainy or cloudy weather*
- *Easy to install – can be used with existing geyser*
- *Wired remote control with timer and adjustable water temperature setting*
- *Extremely environmentally friendly*



THE REVOLUTION IN WATER HEATING IS HERE!



Alliance Air Heat-Pump Water Heaters drastically cut electricity costs, are easy to install and cost significantly less than solar heating

The electricity crisis and rapidly increasing electricity costs have created an urgent need for domestic as well as commercial consumers to reduce electrical usage. Water heating – whether in homes, hotels or other commercial applications – accounts for a large portion of electricity usage and cost.

Now Alliance Air Water Heaters are here to offer a highly cost-effective solution to the problem. Not only do they save up to 70% of the costs of heating water, but they also cost significantly less than installing solar heating.

Alliance Air Water Heaters work on the same heat-pump principle as airconditioners, extracting ambient heat from the atmosphere but, instead, transferring it to water.

Thus where in a normal geyser, 1 kW of electrical energy produces just 1 kW of heat energy, with an Alliance Air Heat Pump Water Heater, 1 kW of electrical energy produces approximately 3 kW of heat energy. The result is water heated for only about one third of the electrical usage of a normal household geyser.

In addition, with an Alliance Air Water Heater, there are no unsightly solar collectors on roofs, subject to damage. Water heating can continue at night or during cloudy weather and a remote controller allows water heating to take place when electricity demand is low.

Alliance Air Water Heaters are available in sizes suitable for heating from 100 litres up to 500 litres of water, and are guaranteed and fully backed by Fourways Airconditioning.

Model			RSJF-28/C	RSJF-32/C	RSJF-50/C	RSJF-72/C
Power Supply	Ph-V-Hz		1 - 220 - 50	1 - 220 - 50	1 - 220 - 50	1 - 220 - 50
Water Heating	Heating Capacity	Kw	2.8	3.2	5	7.2
	Power Consumption	Kw	0.81	0.9	1.1	1.9
	COP		3	3.7	3.87	4.06
	Rated Current	A	3.2	3.7	6	8
	Starting Current	A	18.8	19.2	27.4	36.8
Recommended Water Tank	Volume	L	100 ~ 180	100 ~ 250	100 ~ 400	100 ~ 500
Outdoor Noise level		dB(A)	44	49	51	54
Max. Pipe Length		m	8	8	8	8
Max. Height difference		m	3	3	3	3
Operating Conditions (Ambient Temp)		C	-7'C~43'C	-7'C~43'C	-7'C~43'C	-7'C~43'C
Water Outlet Temp		C	40 ~ 55	41 ~ 55	42 ~ 55	43 ~ 55

Due to Alliance Air's policy of constant improvement, specifications are subject to change without notice. E&OE.