

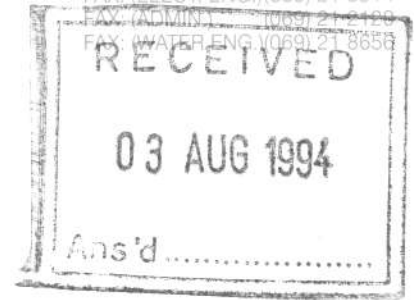
SOUTHERN RIVERINA

ALL CORRESPONDENCE TO
BE ADDRESSED TO THE
GENERAL MANAGER
BOX 169 P.O.,
WAGGA WAGGA,
N.S.W. 2650



ELECTRICITY & WATER

63 JOHNSTON STREET,
WAGGA WAGGA 2650
TELEPHONE: (069) 22 0611
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29th July, 1994.

Mr. R. Metcalf,
Water Furnace Australia Pty Ltd.,
12 Greenhill Road,
WAYVILLE. S.A. 5034.

Dear Richard,

WATER FURNACE GROUND SOURCE HEATPUMP
TEST RESULTS AT LIGHTFOOT RESIDENCE

The Water Furnace unit was commissioned on the 4th May, 1994. The home is an older federation style with 11.5 squares of living area air conditioned 24 hours a day, 7 days a week.

The house has 11ft ceilings and is constructed of solid brick including the internal walls. Whilst the ceiling is well insulated the heat loss through the external walls, windows and door gaps is considerable.

The thermostat is set and maintained at 22°C both day and night.

The temperature in Wagga Wagga in June has reached 0°C most mornings with some mornings dropping to -2 to -3°C.

The running costs have been monitored and are as follows:-

From 4th May, 1994 to 28th July, 1994

A total of 3,345 kWh's were used for a total of 85 days.

This averages out to 39kWh's per day or \$3.60 per day on Southern Riverina's Domestic Tariff, or \$306.00 for the above period.

The above figure is in line with the \$423.00 winter heating account your energy analysis indicated which is most pleasing especially in the light of an air to air system costing \$1,049.00 to run for the same winter period.

The 39 kWh's per day equates to only a 1.6 kWh load per hour to heat the whole of the house, which is quite amazing.

*Providing Essential Services
for over Fifty Years!*

Dinah Lightfoot is very pleased with the Water Furnace unit, has a smile on her face every time we enter the home and states that living in her home is the closest thing to living in heaven.

A very pleasing result for all concerned.

Yours faithfully,

A handwritten signature in cursive script, appearing to read 'P.V. Ragen', written in dark ink.

P.V. Ragen
ADVISORY OFFICER