

HIGHLIGHTS:

**Heating System:
Calorex Air to
Water Heat
Pump 12 kW**

**Install Date:
Sep 2009**

Results:

- **SIGNIFICANT ENERGY SAVINGS**
- **RADIATORS HOTTER**
- **REDUCTION IN THERMOSTAT**

INTRODUCTION

Emotion Energy are a company based in Scotland who specialise in the installation of heat pumps. Tadpole has been lab tested on a ground source heat pump by Ice Energy and currently by Harrogate Borough Council but this is the first live test on an air to water heat pump.

Tadpole was installed by Emotion Energy on an old isolated cottage which had been extended. They replaced an old oil boiler with a Calorex 12KW Air to Water Heat Pump and fitted Tadpole at the same time. The client has 7 dogs and 4 cats and the doors are open most of the day.

RESULTS ACHIEVED WITH TADPOLE INSTALLED

Following installation the primary system reached a temperature of 70°C which is unheard of in a heat pump of this type. As a result there was no need to oversize the radiators.

The lady has since advised that the house was too hot and Emotion Energy have reduced the temperature back to 55°C.

**TADPOLE
Innovation
At Its Best**