

Project: *Ketchikan Test Site*

Client: *Harlan and Megan Heaton*

Location: *Ketchikan , Alaska*

Harlan and Megan Heaton wanted radiant heating for comfort and energy efficiency but did not want to remain locked into the high cost of heating oil as a fuel source...the Heaton's decided to go with the Daikin Altherma system because the air to water heat pump made a lot of practical sense to their location.

Challenge: *Bringing into remote SE Alaska an air to water heat pump technology that was not familiar to the local heating contractors to show the heating equipment is reliable and serviceable.*



Ketchikan is in South East Alaska, and while it is not as cold as other parts of Alaska, it is primarily a Hydronic heating market. The city of Ketchikan is built on a rock, making the first choice of heating, geo-thermal heat pump, not impossible but more difficult and expensive to install. Harlan and Megan Heaton wanted radiant heating for comfort and energy efficiency in their 2,900-square-foot home but did not want to remain locked into the high cost of heating oil as a fuel source. With the introduction of Daikin Altherma into North America in 2009, during the planning and design stage of the project, the Heaton's decided to go with the Daikin Altherma system because the air-to-water heat pump made a lot of practical sense to their location.



The 2,900-square-foot home, showing Harlan and Megan Heaton's amazing view from their living room windows of the Alaska Inside Passage called the Tongass Narrows where they can enjoy watching killer whales.

It's a great place to enjoy the view and the comfort of Daikin Altherma.



The Solution: *Daikin, with over 50 years experience in manufacturing heat pumps, was the logical solution. Daikin Altherma, an air-to-water heat pump, has been tested and installed in some of the most demanding heating locations and has proven to be reliable.*



Project information

Owner: Harlan and Megan Heaton
Heating Contractor: Ketchikan Dray
Home Designer: Ohmer's Renderings
General Contractor: Byron Construction

Daikin AC Equipment

- 1 (Model # EKHBH054B6VJU) Hydrobox
- 1 (Model # ERLQ036BAVJU) Outdoor Unit
- 1 (Model # EKHWS050BA3VJU) Domestic Hot Water Tank