

# NOAA WEATHER SERVICE OFFICE

CARIBOU | ME



## TWO 20 TON HEAT PUMPS / CHILLERS

The National Oceanic and Atmospheric Administration's weather forecast office serves as the primary means of gathering weather data in the northeast region of the United States. The new construction and renovation of the building was completed in 2009 with the aim of being LEED certified. The building was rated Silver (34 points) by the US Green Building Council. It is recognized as a LEED Certified building.

Two Aermec 20 ton heat pumps/chillers with low ambient cooling were used and assisted greatly in the building's pursuit of LEED certification. The Aermec units were installed alongside two dry coolers for free cooling.

According to the Director of Product and Energy Services at Mechanical Services Inc. Maine Controls, "The Aermec Air-to-Water Heat Pump System was installed at the National Weather Service Forecasting Office in Caribou, Maine to supplement an existing geothermal system of marginal capacity. Because of limited space considerations, the all-in-one outdoor units were a perfect fit for the job" (Clay, D).

### References

David Clay, P.E.

Director of Product and Energy Services Mechanical Services/Maine Controls

## AERMEC OFFERS



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