

## Programmable Thermostat Management Plan



### **Project Concept:**

Programmable thermostats are widely used and result in cost savings, energy savings, and time savings for those who utilize them. Programmable thermostats allow you to program in a schedule that aligns with your building's occupancy routine, thereby keeping the temperature cool or warm while you're there, and automatically setting back the temperature when the work day is over.

At City Hall, the Clerks often had to adjust the thermostat. The old version was very inaccurate and had to be cranked it up in the morning and turned down at night, but people occasionally forgot to turn it down, and the building was often freezing during the morning hours. The new programmable thermostat has a temperature setting programmed in for office hours, and another setting for night time and weekends. This allows City Hall occupants to go about their day without having to adjust or think about the thermostat. It also makes the building warm when people arrive and no longer requires the heat to be turned up high in the mornings.

### **Location:**

Red Lodge City Hall  
1 South Platt  
Red Lodge, Montana

### **Installed Items:**

1 Honeywell Home T4 Pro

**Installer Information:**

HMH Electric, Micah Hoffman  
PO Box 42  
Red Lodge, MT 59068  
(717) 688-4753 [micah@hmhps.net](mailto:micah@hmhps.net)

**Funding:**

The City purchased and installed the programmable thermostat for a total of \$198.75. Funds were pulled from City Hall's allotted budget.

**Warranty:**

Honeywell offers a 5 year limited warranty on the programmable thermostat. HMH Electric offers a 1 year labor warranty from the install date, which was April 20, 2019. See the attached warranty for more information.

**Monitoring Usage:**

NorthWestern Energy Account Number: 713550-2

City Hall where the programmable thermostat was installed is on the meter listed above. A monitoring spreadsheet has been developed that will allow the City to track the energy and cost savings accrued due to this investment.

The monitoring spreadsheet is available online via Google Sheets and can be found at the link below:

[https://docs.google.com/spreadsheets/d/1CeURahN9N6A2k\\_hlGF48MQIj2EpFrCUS5WjvwIve28/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1CeURahN9N6A2k_hlGF48MQIj2EpFrCUS5WjvwIve28/edit?usp=sharing)

**Community Impact:**

The City will see monetary savings from this project. The programmable thermostat will also decrease the amount of energy used and lessen the amount of greenhouse gases that City Hall emits.

**Maintenance Plan:**

Programmable thermostats require essentially no maintenance once installed. Should a problem arise, the installer could return and address any issues, or Honeywell Customer Assistance could be contacted at 1-800-468-1502.

## 5-year limited warranty

Honeywell warrants this product, excluding battery, to be free from defects in the workmanship or materials, under normal use and service, for a period of five (5) years from the date of purchase by the consumer. If at any time during the warranty period the product is determined to be defective or malfunctions, Honeywell shall repair or replace it (at Honeywell's option).

If the product is defective,

(i) return it, with a bill of sale or other dated proof of purchase, to the place from which you purchased it; or

(ii) call Honeywell Customer Care at 1-800-468-1502. Customer Care will make the determination whether the product should be returned to the following address:

Honeywell Return Goods, Dock 4 MN10-3860, 1985 Douglas Dr. N., Golden Valley, MN 55422, or whether a replacement product can be sent to you.

This warranty does not cover removal or reinstallation costs. This warranty shall not apply if it is shown by Honeywell that the defect or malfunction was caused by damage which occurred while the product was in the possession of a consumer.

Honeywell's sole responsibility shall be to repair or replace the product within the terms stated above. HONEYWELL SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you.

THIS WARRANTY IS THE ONLY EXPRESS WARRANTY HONEYWELL MAKES ON THIS PRODUCT. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS HEREBY LIMITED TO THE FIVE-YEAR DURATION OF THIS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

If you have any questions concerning this warranty, please write Honeywell Customer Relations, 1985 Douglas Dr, Golden Valley, MN 55422 or call 1-800-468-1502.