

# Home Energy Rating Certificate

## Property

Capitol Park Center  
810 W Ottawa St Apt 403  
Lansing, MI 48915

## HERS

Rating Type: Confirmed  
Rating Date: 2020-12-16  
Registry ID: 134717784

Certified Energy Rater: David Meeder  
Rating Number: 1% QA 2020

## HERS Index: 62

### General Information

|                    |                |            |                             |
|--------------------|----------------|------------|-----------------------------|
| Conditioned Area   | 745 sq. ft.    | House Type | Apartment, inside unit      |
| Conditioned Volume | 7942 cubic ft. | Foundation | Apartment above cond. space |
| Bedrooms           | 1              |            |                             |

### Mechanical Systems Features

|                         |  |
|-------------------------|--|
| Air-source heat pump:   | Electric, Htg: 11.0 HSPF. Clg: 20.0 SEER.  |
| Water Heating:          | Conventional, Electric, 0.93 EF, 40.0 Gal. |
| Duct Leakage to Outside | 313.00 CFM25.                              |
| Ventilation System      | Exhaust Only: 63 cfm, 3.2 watts.           |
| Programmable Thermostat | Heat=Yes; Cool=Yes                         |

### Building Shell Features

|                   |        |                   |                             |
|-------------------|--------|-------------------|-----------------------------|
| Ceiling Flat      | NA     | Slab              | None                        |
| Sealed Attic      | NA     | Exposed Floor     | NA                          |
| Vaulted Ceiling   | R-38.0 | Window Type       | U-Value: 0.290, SHGC: 0.250 |
| Above Grade Walls | R-26.0 | Infiltration Rate | Htg: 567 Clg: 567 CFM50     |
| Foundation Walls  | NA     | Method            | Blower door                 |

### Lights and Appliance Features

|                             |       |                        |             |
|-----------------------------|-------|------------------------|-------------|
| Interior Fluor Lighting (%) | 0.0   | Range/Oven Fuel        | Electric    |
| Interior LED Lighting (%)   | 100.0 | Clothes Dryer Fuel     | Natural gas |
| Refrigerator (kWh/yr)       | 451   | Clothes Dryer CEF      | 2.32        |
| Dishwasher (kWh/yr)         | 270   | Ceiling Fan (cfm/Watt) | 0.00        |

### Estimated Annual Energy Cost

| Use               | MMBtu       | Cost          | Percent     |
|-------------------|-------------|---------------|-------------|
| Heating           | 5.9         | \$215         | 19%         |
| Cooling           | 0.7         | \$26          | 2%          |
| Hot Water         | 5.8         | \$213         | 19%         |
| Lights/Appliances | 10.9        | \$322         | 28%         |
| Photovoltaics     | -0.0        | \$-0          | -0%         |
| Service Charges   |             | \$369         | 32%         |
| <b>Total</b>      | <b>23.3</b> | <b>\$1144</b> | <b>100%</b> |

### Criteria

This home meets or exceeds the minimum criteria for the following:

TITLE

Company

Address

City, State, Zip

Phone #

Fax #

**REM/Rate - Residential Energy Analysis and Rating Software v15.8**

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