



## Case Study - Cost Comparison

### ThermaRay Floor Heat (Under Concrete) VS. Electric Boiler System (Hot Water Tubing)

# Saves 55% per year

Case study involves identical buildings located within 1 mile of each other.  
Building #1 - Installed ThermaRay Floor Heating Panels 8" below the concrete slab - No Insulation.  
Building #2 - Installed tubing placed directly below the concrete slab on 2" of styrofoam insulation

Building #1 - Installed ThermaRay Floor Heating Panels 8" below the concrete slab - No insulation below heating panels



Building #2 - Installed tubing placed directly below the concrete slab on 2" of styrofoam insulation



#### ThermaRay Floor Heat Specifications

- 7,260 Sq.Ft. Maintenance Facility
- Installation Time - 8 Hours
- Electric Rate - \$.05/Kwh
- No Maintenance
- Minimal Mechanical Room Space
- Kwh Used - 49,139
- Total Cost To Operate - \$2,456.95

#### Hydronic Tubing Specifications

- 5,260 Sq.Ft. Maintenance Facility
- Installation Time - 32 Hours
- Electric Rate - \$.05/Kwh
- Yearly Maintenance and/or Repair
- Considerable Mechanical Room Space
- Kwh Used - 79,682
- Total Cost To Operate - \$3,984.10



#### For More Information:

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