

# Are You Steamed About Heating the Outdoors?

Save Money AND Improve Comfort...

Install a tekmar Steam Control 279



- Suitable for:**
- Apartment Buildings
  - Office Buildings
  - Community Centers
  - Schools
  - Dormitories
  - Similar Institutions

- Features:**
- Proven Outdoor Reset Operation
  - Automatic Warm Weather Shut Down
  - Built-in Programmable Timer
  - For Use With:
    - » Single On-Off Steam Boiler
    - » On-Off Steam Valve
  - Improved Temperature Control with Indoor Sensors
  - Large Display
  - Two Alert Levels
  - Domestic Hot Water Operation

**tekmar**<sup>®</sup>



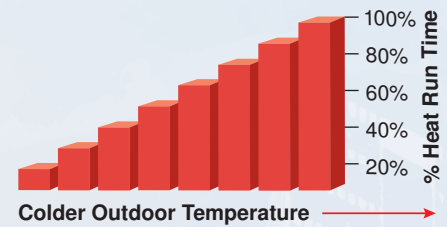
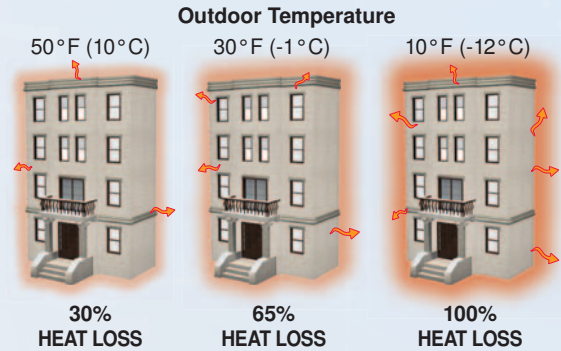
## How it Works

### Building Heat Loss

The rate of heat loss from a building is affected by the outdoor air temperature. In mild weather the building loses less heat while in cold weather the building loses more heat.

### Outdoor Reset

The Steam Control 279 uses a sensor to measure the outdoor air temperature. The control then changes the heating system run time in order to compensate for the building heat loss. The run time is short in mild weather and longer in cold weather. In this way, the building is maintained at a comfortable level and fuel economy is improved. Windows can now be kept closed because the building is no longer too hot.



## Energy Saving Features

### Warm Weather Shut Down

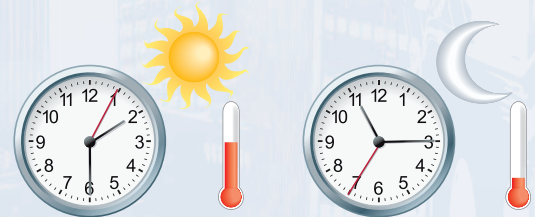
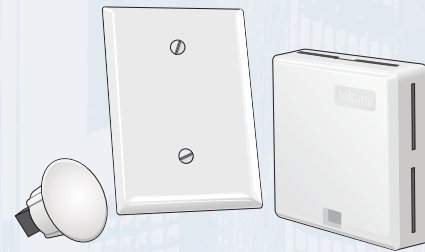
In warm weather the control uses the outdoor sensor temperature to decide when to shut down the heating system. This provides energy savings as well as a reliable and convenient way to shut off the heating system.

### Indoor Sensors

The addition of optional indoor sensors can be used to further improve indoor temperature control by fine tuning the run time of the heating system.

### Timer

The built-in programmable timer with battery backup allows the building temperature to be lowered at night and to quickly recover in the morning. This further improves fuel economy.



tekmar Control Systems Ltd., Canada  
tekmar Control Systems, Inc., U.S.A.  
**Head Office: 5100 Silver Star Road**  
**Vernon, B.C. Canada V1B 3K4**  
**(250) 545-7749 Fax. (250) 545-0650**  
**Web Site: [www.tekmarcontrols.com](http://www.tekmarcontrols.com)**

