



Designed, Machined, and Assembled in the USA

Cooling Tower Energy Saver Module

Industrial Water Innovations' **Cooling Tower Energy Saver Module** is engineered to optimize the electrical power used by cooling tower fans and minimize evaporation while maintaining the optimal temperature of the chilled water stream. This module can be applied to most installations and uses a pair of sensors to monitor the delta of temperature between the chilled water supply and return lines.

It is the perfect companion to the [Cooling Tower Conditioning System](#), but it can also be used stand alone and easily installed with minimal mechanical and electrical effort.

Energy savings of 50% or more are easily achieved over time by adjusting to the always changing atmospheric conditions in which a tower operates. Great savings on chemicals and make up water by optimizing fan speed and minimizing evaporation. This results in measurable operating expense savings as well as prevent excessive calcium deposits on adjacent equipment where the cooling tower mist deposits.

The module's features are:

- Requires minimal operator interaction.
- Simple in operation and able to work in most installation and be brand agnostic.
- Simple to install.
- Extend the life of the cooling tower fans and other mechanical and transmission components.
- Greatly reduce the use of chemicals used by preventing excessive evaporation.
- Works in conjunction with other systems or stand alone as well as having an integral bypass in case of system failure.

The Module is designed to control any size of variable frequency drive for the fan(s) in a cooling tower and only requires a single phase 110-120VAC supply. (does not include fan power). The Module is in a light non-metallic wall-mounted enclosure with quick connections that facilitate installation.

The module's components include:

- Sensors to monitor temperature.
- State of the art control panel.
- Operator visual and auditive signals.

Check the website for more detailed information or contact us

sales@industrialwaterinnovations.com