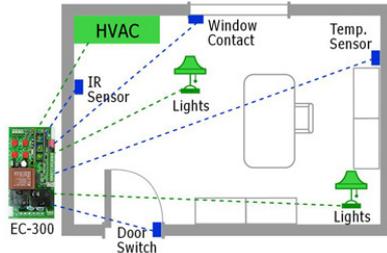




## EC-300 Energy Controller

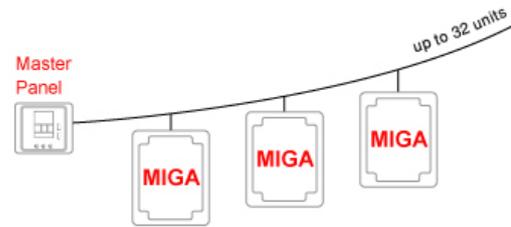
- The EC-300 can be easily connected to any existing HVAC system to save on energy costs.
- The EC-300 will cut off power supply to HVAC & Lighting systems according to occupancy status in a room and/or other inputs.
- Ideal for hotels bedrooms, offices, conference rooms or others.



## MIGA AB

Use Meitav-tec's new MIGA-AB to easily control multiple fan-coils from one master unit!

- Each MIGA controller works according to its local ambient temperature, but controls temperature according to the orders received from the master MIGA AB.
- Perfect for open space applications.



## Free Cooling

- Energy saving solution to cool room temperature by outside fresh air.
- Serves as a complementary to an existing HVAC control system.



## [www.meitavtec.com](http://www.meitavtec.com)

Meitav-tec has recently renewed its website with a new, refreshing homepage with a lively look and important, useful content and links.





# EC-300

## Energy Controller



The **EC-300** Energy Controller eliminates energy waste in any room while no replacement or adjustment of the existing HVAC or lighting systems is required.

**The EC-300 cuts off electricity to HVAC & lighting systems in a room, according to occupancy changes, to save on their operation.** Presence detection is achieved via an Infra Red Occupancy sensor and Contact Inputs, such as a door switch or a window contact.

It is particularly useful in hotel bedrooms, hotels business centers, offices and conference rooms.

### Features & Benefits:

- Controlling **any existing HVAC system**; no need to replace the original control.
- Turning HVAC system off after a configurable delay, according to occupancy changes in a room and other inputs.
- Controlling room lighting.
- Adjustable temperature limits for Cool & Heat.
- IR occupancy sensor is provided with the controller.
- Ability to work with either Normally Open or Normally Closed inputs.
- Low cost, affordable energy Controller; Immediate ROI for the end customer.

The **EC-300** introduces substantial qualities, based on the following inputs:

#### Input #1: Occupancy Sensor

When no presence is detected by the occupancy sensor, HVAC and lights turn off after adjustable time.

#### Input #2: Window Contact (2 separate inputs are available)

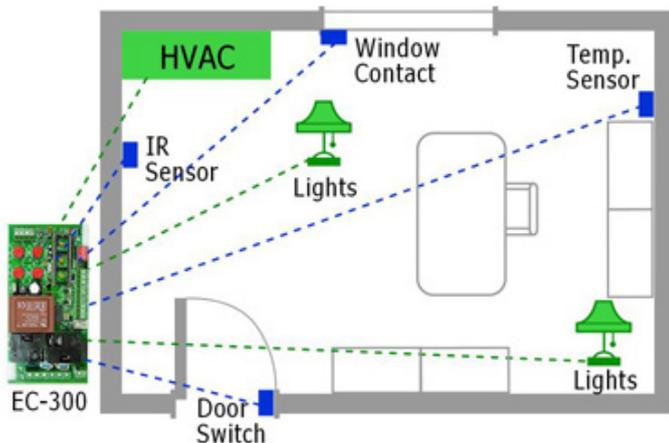
When someone opens the window, HVAC turns off while lights remain on.

#### Input #3: Door Switch

Suitable for hotel bedrooms, the **EC-300** takes into account lack of movement in the room during sleeping periods and lets HVAC keep working.

#### Input #4: Room Temperature Sensor

High & Low Temperature Limits can be defined. **EC-300** will cut off power supply to HVAC when Set Temperature exceeds the pre-defined values.



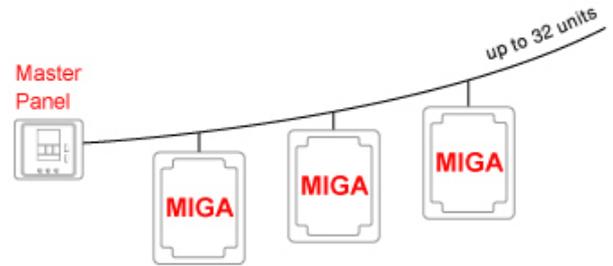


## MIGA-AB for Multiple Fan Coil Control

Miga-1 has been extremely popular in the market for many years as its qualities are well appreciated, especially by OEM's, due to its suitability for different Fan Coil applications, i.e., 2 pipe, 4 pipe or no valve system by simply selecting a jumper. In addition to its versatility, Meitav-tec's customers acknowledge MIGA 1's high reliability, with absolutely no failures in operation.



The Newly developed MIGA AB offers the same advantages with supplementary benefit, extremely useful for open spaces. Being a master panel, ETN/MIGA AB controls up to 32 MIGA slave controllers, which need the same working parameters. Each MIGA board controls temperature according to the orders received from the master ETN/MIGA AB panel, but works according to its local ambient temperature, measured by its temperature sensors. It is therefore a great solution for open spaces, such as banks, large stores and other applications where one set of parameters suits the whole space.



### MIGA AB's Qualities:

- Simple operation for multiple Fan-Coils; one panel button press for all fan coils
- Users don't change their HVAC settings
- Saves money on thermostat panels
- Saves money on installation, i.e., wiring between controllers and their panels

MIGA AB is available with either ETN or FMH panel.

(ETN/MIGA AB or FMH/MIGA AB)

(M101P IR receiver panel is also available to be connected to each MIGA slave)

### MIGA AB Master panel sets the following parameters:

- On/Off
- Temperature set-point
- Mode
- Fan Speeds



## Free Cooling Controller (FCC\_01)



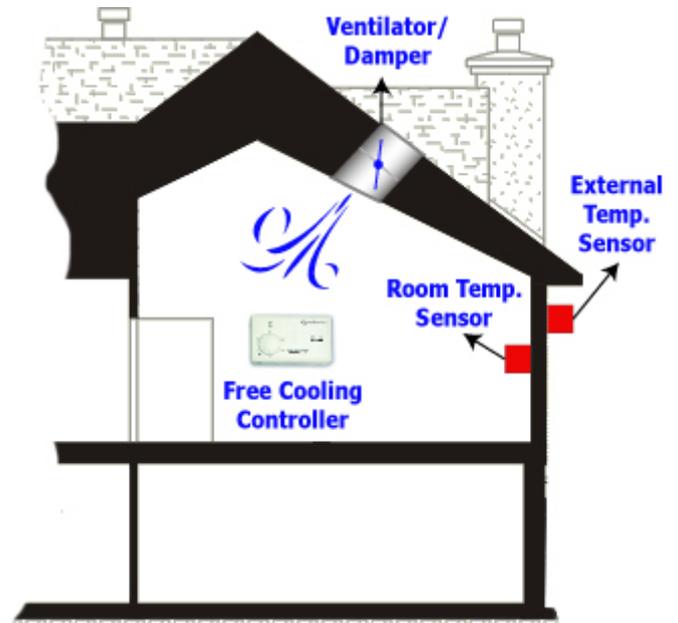
### Cooling room temperature by outside fresh air!

Meitav-tec's new '**Free Cooling**' thermostat offers a simple, **energy saving solution to control room temperature**. 'Free Cooling' is virtually a Cool Only thermostat, which serves as a complementary to an existing HVAC control system.

Meitav-tec takes advantage of **natural resources to cool room temperature**.

If outside temperature is cooler than ambient, then the 'Free Cooling' thermostat sends a signal to open a window or a damper to let fresh, cool air come in, rather than operating the HVAC system.

Temperature difference between ambient and outside to open the window is configurable (1°C is default).





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Meitav-tec has recently renewed its website with a new, refreshing homepage with a lively look and important, useful content and links. The new homepage includes information on various topics, such as **Building Automation, Energy Saving, Company Profile, News Flashes** and also **Product Search** and **Help Me Choose wizard**.

Apart from the above mentioned information, further sections and updates have been added recently to the website:

- **FAQ (Frequently Asked Questions)** have been added under Useful Information category. You can find there important information on installation instructions, relevant terminology explanations and more.
- **Help Me Choose Wizard** has been updated with new products and information.
- **Energy Saving Tips** have been added under Useful Information category. The tips illustrate simple, practical examples on how to save energy on HVAC in our daily life.
- Explanation on **Naming method** of Meitav-tec's products under Useful Information category.
- **New Company profile**.



We hope that the new homepage will facilitate navigation and access both for our veteran users and new visitors.

You are most welcome to explore these items, and you can feel free to send us your feedback.