

## Meitav-tec Goes ISO!!!

Meitav-tec has officially become an ISO 9001:2000 certified company.

We believe that ensuring our customers the highest level of reliability and peace of mind regarding each and every product of ours they receive is of the utmost importance. It is our driving force. As a result, we have spent months redefining ourselves as a company and restructuring our way of doing business.

*Read more in Pg. 2*



## Climate Control Systems

### Multi-Zones

*See general overview of Multi-Zone systems in Pg. 3*

#### ON SALE !!!

#### PS-MZ502

The PS-MZ502 multi-zone system is the latest and most improved climate control system for multiple zones. Controlling up to 32 zones, the PS-MZ502 offers a wide range of features, all available through the same main board. Suitable for either Heat/Cool or Heat Pump applications, the PS-MZ502 allows for up to 4 stages of Heat and 2 stages of Cool.

*Read more in Pg. 4*

#### PS-2007/E

In a small to medium scale environment where everyone's climate needs are fairly different, the PS-2007/E is the most convenient solution. The PS-2007/E is a simple yet extremely intelligent climate control multi-zone system. Controlling up to 7 zones, the PS-2007/E has proportional damper outputs, allowing for the most efficient distribution of airflow.

*Read more in Pg. 5*

#### PS-MZ100 & PS-MZ200

The multi-zone systems PS-MZ100 & 200 are the perfect solutions for small to medium applications, whether they are commercial, industrial or residential. Controlling up to 4 or 7 zones (PS-MZ100 & 200, respectively), this series is compatible with either Heat/Cool or Heat Pump HVAC systems.

*Read more in Pg. 6*

### Stand Alone

#### Stand Alone Dampers

The stand-alone damper approach to climate control is the best way to regulate the airflow throughout your house, office.... without being connected to an HVAC system. Working only based on the mode and the set point (whether there is demand or not), the damper will open or close accordingly.



*Read more in Pg. 7*

#### AZC Series

The AZC Series thermostats are the best stand-alone controllers offered today. Both the wall-mount and flush-mount room thermostats offer a proportional damper output, as well as one of the most convenient features; Auto-Changeover Mode.



*Read more in Pg. 7*

### Ges-Teknik Multi-Sells the Multi-Zone!!!!

A special thank you and thumbs up goes to our wonderful agent in Turkey, Ges-Teknik, headed by the one and only **Muzaffer Kazakoglu**.

*Read more in Pg. 8*



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**Meitav-tec has officially become an ISO 9001:2000 certified company.**

We believe that ensuring our customers the highest level of reliability and peace of mind regarding each and every product of ours they receive is of the utmost importance. It is our driving force.

As a result, we have spent months redefining ourselves as a company and restructuring our way of doing business. Quality management and procedure standardization have become focal elements in our production process. We are aware that as a company operating on the international scale, we must conform to the universally accepted level of standards. Safety, regulation and continual improvement are now words that are permanently engraved into our everyday language. As ISO states, we have now reached a new level of "international reference for quality requirements in business to business dealing".

ISO 9001:2000 accreditation is a significant milestone in Meitav-tec's history and we are proud to announce it. We therefore invite you to look at and print for yourselves our official certificates shown below.



THE INTERNATIONAL CERTIFICATION NETWORK

# CERTIFICATE

IQNet and  
THE STANDARDS INSTITUTION OF ISRAEL  
hereby certify that the organization

**MEITAV - TEC LTD.**  
**RISHON LEZION**  
for the following field of activities  
DEVELOPMENT, DESIGN, MANUFACTURING & SUPPLY OF  
CONTROL, INSTRUMENTATION, ELECTRICAL AND  
ELECTRONIC PRODUCTS AND SYSTEMS.

has implemented and maintains a  
**Quality Management System**  
which fulfills the requirements of the following standard's  
**ISO 9001:2000**

Issued on : 13 . 09 . 2005  
Date of expiration: 30 . 09 . 2006  
Date of initial approval: 13 . 09 . 2005

Registration Number: IL- 38342

*Dr. Fabio Roversi*  
President of IQNet

*Ziva Patir*  
SII Director General

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\*The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

IQNet (12/01)

# Certificate

This is to certify  
that the  
Quality Management System of

**MEITAV - TEC LTD.**  
**RISHON LEZION**  
has been audited by SII and found to comply with the Quality  
Management Standard SI ISO 9001: 2000  
scope:  
DEVELOPMENT, DESIGN, MANUFACTURING & SUPPLY OF  
CONTROL, INSTRUMENTATION, ELECTRICAL AND  
ELECTRONIC PRODUCTS AND SYSTEMS.

The Certificate is granted in accordance with SII's Rules for the Certification of Quality Systems (SII procedure-002). The validity of the Certificate is subject to the continuous maintenance of the Quality System according to the above standard, and the follow-up surveillance performed by SII. Further clarifications regarding the scope of the certificate and applicability of ISO 9001:2000 requirements may be obtained by consulting the organization.

Date of initial approval: 13 . 09 . 2005  
Date of expiration: 30 . 09 . 2006

License No: 38342  
Date of issue: 13 . 09 . 2005

*Ziva Patir*  
Director General

THE STANDARDS INSTITUTION OF ISRAEL

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Accredited by  
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## General Overview of Multi-Zone Systems

Features	PS2007/E	PS-MZ100/PS-MZ200	PS-MZ502
<b>Input Voltage</b>	230Vac	24Vac	24Vac
<b>Maximum No. of Zones</b>	7	4 / 7	31
<b>System Configuration</b>	Heat/Cool or Heat Pump	Heat/Cool or Heat Pump	Heat/Cool or Heat Pump
<b>Stages</b>	3 Heat, 2 Cool	5 Heat, 5 Cool	4 Heat, 2 Cool
<b>Master Controller</b>	Turns system On/Off, Mode, cannot access zones	Turns system On/Off, Mode, cannot access zones, sets FAD logic	Turns system On/Off, Mode, sets FAD logic, can view and change zone settings
<b>Zone Damper Outputs</b>	Proportional (only Meitav-tec dampers)	ON/OFF, 3-wire (General purpose, 24Vac dampers, Power Open or Power Close also available)	Proportional, 3-wire (General purpose, 24Vac dampers), adjustable open/close time
<b>Fresh Air Damper</b>	NO	YES- open/close time by timer or by temperature difference	YES- open/close time by timer or by temperature difference
<b>Features</b>	PS2007/E	PS-MZ100 / PS-MZ200	PS-MZ502
<b>Bypass Damper</b>	Proportional output (only Meitav-tec dampers)	ON/OFF, 3-wire (General purpose, 24Vac dampers, Power Open or Power Close also available)	Proportional output- 0-10Vdc (selectable open/close by pressure or by no. of rooms)
<b>Auto-Changeover Mode</b>	NO	YES	Yes
<b>Weekly Program</b>	Available on Master for ALL system (5-1-1 type, Start time/Stop time)	Available on Zones (Set Cool/Set Heat)	Available on Master for ALL system- 7 days, 4 programs per day (Start time/Stop time)
<b>Temperature Limits</b>	NO	NO	YES- through Master or Zones, password protected
<b>Indoor Sensor</b>	Indoor Coil sensor- option (freeze protection in Cool)	Indoor Coil sensor- option (freeze protection in Cool, overheat protection in Heat)	Indoor Duct sensor- option (freeze protection in Cool, overheat protection in Heat)
<b>Outdoor Sensor</b>	Outdoor Coil sensor- option (defrost protection in Heat)	option- for FAD	option- for FAD
<b>Economy Mode</b>	NO	YES- available through Master	YES- available through Master

## PS-MZ502

The PS-MZ502 multi-zone system is the latest and most improved climate control system for multiple zones. Controlling up to 31 zones, the PS-MZ502 offers a wide range of features, all available through the same main board.

Suitable for either Heat/Cool or Heat Pump applications, the PS-MZ502 allows for up to 4 stages of Heat and 2 stages of Cool.

Since each zone and the master are pre-assigned an individual MAC address, the master can now be used to view AND set the local zone parameters (set point, local ON/OFF), as well as setting the main system parameters (ON/OFF, Mode, Fan).

A Fresh Air damper output is available, and the FAD can be controlled by 1 of 2 logics; or by a timer (minutes per hour) or by temperature (difference between indoor and outdoor temperature). The bypass damper can also be controlled by 1 of 2 logics; by the number of rooms or by pressure. A special pressure sensor input exists for this reason.

With 2 different fault inputs and 3 temperature sensor inputs, this new multi-zone answers all commercial or residential climate needs.

# SALE!

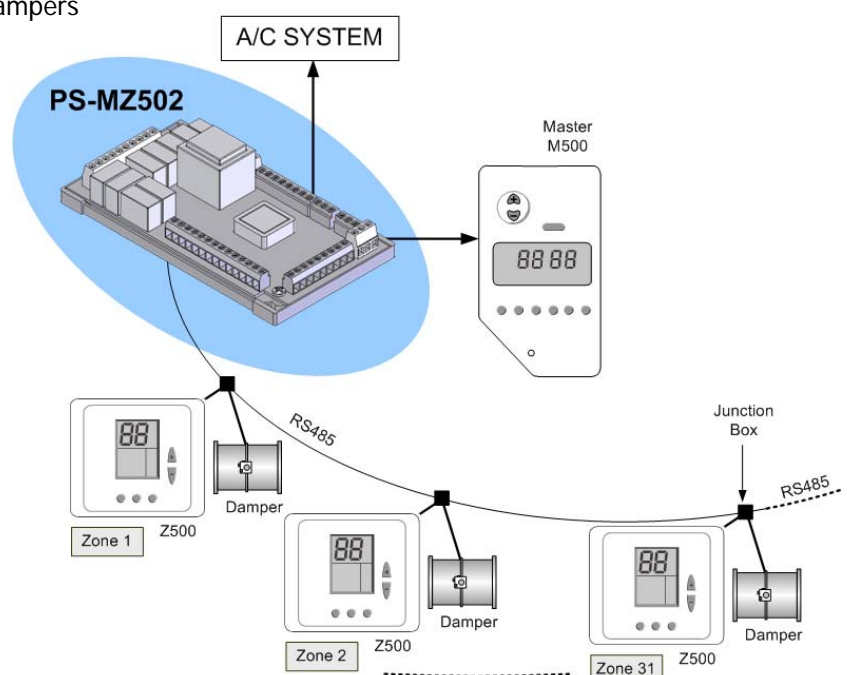
Get 1 free Multi-Zone!  
Buy 4 complete sets  
of the PS-MZ502  
and receive the 5th one  
free...

1 set includes:

- 1 Main Board (PS-MZ502)
- 1 Master (M500)
- 5 Zones (Z500)
- 5 Junction Boxes

### Features:

- o Auto-Changeover mode available
- o Access to zones available through master
- o Duct temperature sensor for freeze protection in Cool and overheat protection in Heat
- o General purpose, 24Vac dampers suitable
- o Proportional damper outputs
- o Open/close time adjustable for zone dampers
- o Fresh air damper output- option
- o Bypass damper output- option
- o Weekly program- option



### Note:

*The PS-MZ502 will soon be compatible with the Maxinet system.*

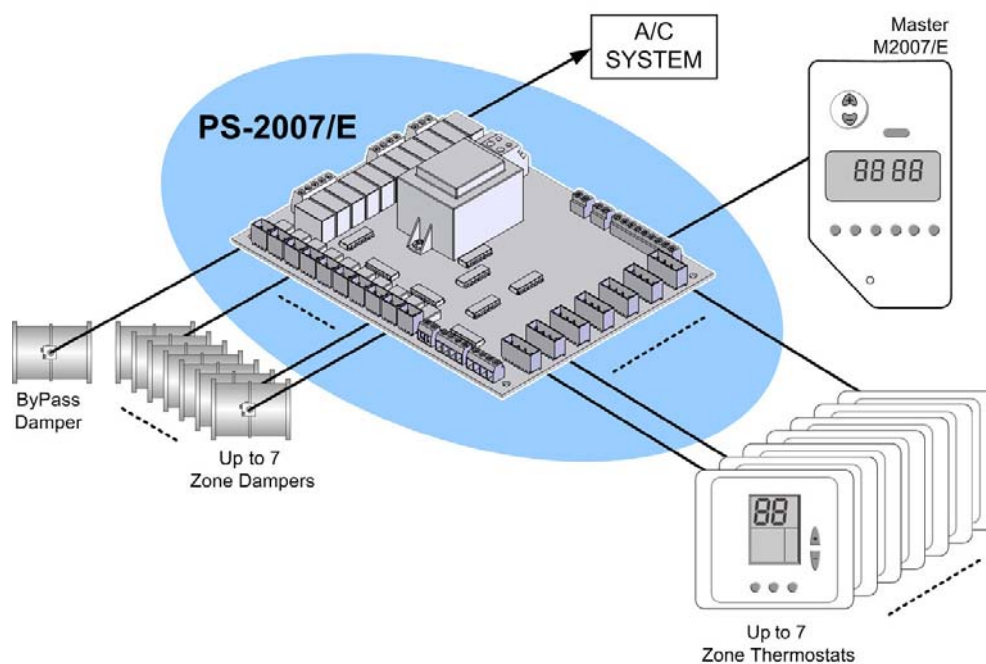


## PS-2007/E

**In a small to medium scale environment where everyone's climate needs are fairly different, the PS2007/E is the most convenient solution.**

The PS2007/E is a simple yet extremely intelligent climate control multi-zone system.

Controlling up to 7 zones, the PS2007 has proportional damper outputs, allowing for the most efficient distribution of airflow. The PS2007/E operates with one master unit which controls the main system parameters (ON/OFF, Mode), and each different zone is controlled by its own individual controller. Wall-mount or flush-mount thermostats can be selected, each available with an IR hand-held remote control, and they can now easily be connected to the main board using the simple quick connectors.



### Features:

- Meitav-tec plastic dampers
- Zone damper outputs- proportional (open/close time is 13-15 sec.).
- Bypass damper output- proportional
- Selectable configuration- Heat/Cool or Heat Pump
- Weekly program- on Master
- 3 Fan Speeds
- Indoor coil sensor for freeze protection (de-icing in Cool)
- Outdoor coil sensor for defrost (de-icing in Heat)

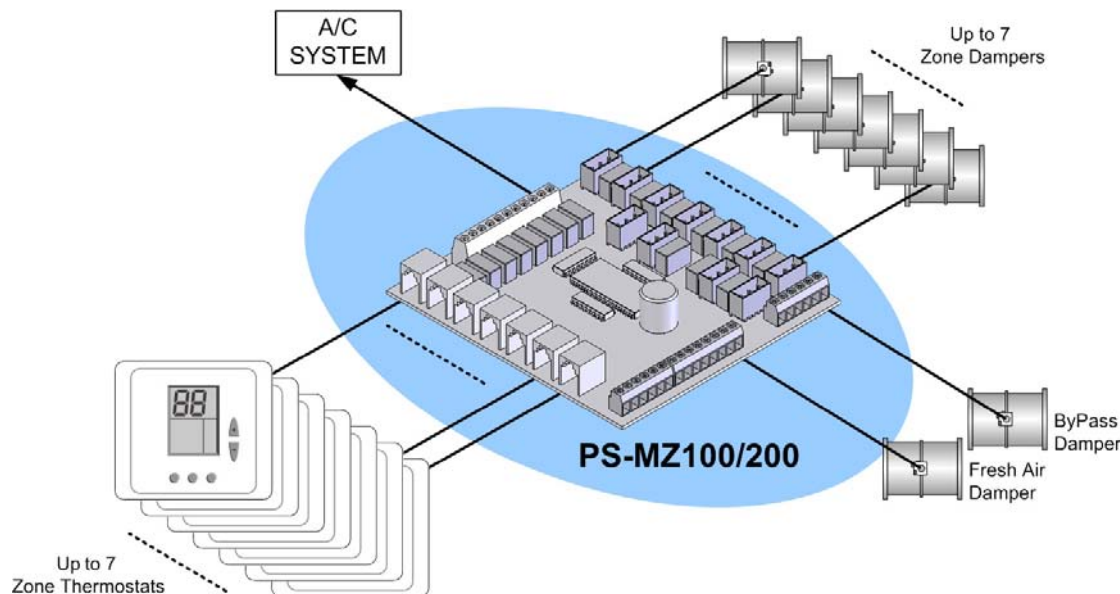
## PS-MZ100/200

**The multi-zone systems PS-MZ100/200 are the perfect solutions for small to medium applications, whether they are commercial, industrial or residential.**

Controlling up to 4 or 7 zones (PS-MZ100 or 200, respectively), this series is compatible with either Heat/Cool or Heat Pump HVAC systems.

A Fresh Air damper output is available, and the FAD can be controlled by 1 of 2 logics; or by a timer (minutes per hour) or by temperature (difference between indoor and outdoor temperature).

One main board is required per system, but the zone and master controller can be mixed and matched. For example, either flush-mount or wall-mount thermostats are available, programmable (5-1-1) or non-programmable ...the user can select which controller to put in each zone, keeping in mind that one of the zone controllers serves as the master as well. Plus, with the quick connectors from the thermostats to the main board, installation is quick, simple, time and cost efficient!



### Features:

- General purpose, 24Vac dampers suitable (3-wire, ON/OFF)
- Bypass damper output- option
- Fresh Air Damper output- option
- Multiple stages for Heat and Cool (up to 5 stages for each)
- Auto-Changeover or Manual mode selection
- Zone thermostats programmable- ideal for less occupied zones
- Indoor coil sensor-option (freeze protection in Cool)
- Outdoor temperature sensor- option (Fresh Air damper)
- External sensor input- option (Fresh Air damper)

## Stand Alone Dampers

**The stand-alone damper approach to climate control is the best way to regulate the airflow throughout your house, office.... without being connected to an HVAC system.**

Working only based on the mode and the set point (whether there is demand or not), the damper will open or close accordingly.

The dampers have proportional outputs and can be controlled either by room thermostats (flush-mount or wall-mount) or IR hand-held remote controls.

All in all, this is an extremely simple and efficient way of controlling the heating or cooling of several different rooms, saving considerable energy and money.



## AZC Series

**The AZC Series thermostats are the best stand-alone controllers offered today.**

Both the wall-mount and flush mounts room thermostats offer a proportional damper output, as well as one of the most convenient features; Auto-Changeover Mode. The mode is automatically determined by a special duct sensor without ever being connected to an HVAC system. This duct sensor will simply sense the airflow temperature coming through the damper and set the mode accordingly. If the airflow is 21°C ( 70°F) or less, the mode will be set to Cool, and if the airflow temperature is 23°C (74°F) or more, the mode will be set to Heat. This amazing feature allows users to simply set their thermostats to Auto and walk away, knowing that each room will get the cooling or heating it needs!

### Features:

- General purpose, 24Vac dampers suitable
- Proportional (3-wire) damper output
- Adjustable open/close time for dampers
- Special duct sensor input for Auto-Changeover mode- sensor selects mode
- External sensor- option

### **Note:**

***The ETN-24-AZC and the FMT-24-AZC will soon be compatible with the Maxinet system.***



ETN-24-AZC

FMT-24-AZC

## Ges-Teknik Multi-Sells the Multi-Zone!!!!

**A special thank you and thumbs up goes to our wonderful agent in Turkey, Ges-Teknik, headed by the one and only Muzaffer Kazakoglu.**

With his determination and knowledge, Ges-Teknik recently sold 9 complete sets of the multi-zone system PSMZ 500, all to be installed in the same building. Such use of this system in a commercial building is a perfect example of the type of application the system is suitable for. With 9 floors in the building, each PSMZ 500 will be installed on a separate floor, and will control a maximum of 32 rooms on each floor.

The project has since been completed and the end user has never been more pleased with the results. This is yet another positive step in the right direction for Meitav-tec's partnership with Ges-Teknik as well as our presence in the Turkish market's HVAC industry.

In addition, Muzaffer will soon be visiting us in here Israel and attending the Israel HVAC exhibition in November 2005, which we consider a treat....



All in all, we look forward to continued success with Ges-Teknik.....

***Good job Muzaffer!!***