



Intelligent HVAC Temperature Controls





Welcome to meitav-tec,

One of the world's leading companies in the field of intelligent HVAC temperature control. Since its foundation in 1989, Meitav-tec

has been providing innovative, tailor made temperature control solutions. Driven by technological innovation and guided by a veteran, top expertise R&D team, Meitavtec has vast experience in the design, manufacture, sale and support of HVAC control solutions. Our high quality, reliable products provide our customers with the latest, state-of-the-art technology at an affordable price.

Meitav-tec provides intelligent control solutions for all types of HVAC systems for light commercial or residential applications. Our product range is wide, starting from the simplest of thermostats to the most advanced communication controllers. In addition to the standard line of products, Meitav-tec specializes in developing & manufacturing, on short cycle, 'tailor-made' products according to customers specifications and special HVAC needs. Combined with our flexible in house production line, allowing us to make small production batches for these special projects. These key features are what differentiate us from our competitors and makes us the preferred choice for special projects. It also gives us an advantage among OEM companies, a key part of our business.

Meitav-tec has a global network of agents, distributors and OEM's in over 25 countries spreading across 5 continents. Among our customers are many well-known companies, such as Airedale, Belimo, Carrier, Electra, Grüner, Johnson Controls, Sabiana, Modine, Ferroli, York and others. Meitav-tec customers can benefit from caring support services regarding the installation, configuration and operation of its products.

Meitav-tec is renowned for its strict Quality Assurance and product reliability and has been awarded with ISO-9001:2008 Quality certification. Our dedication to quality guarantees product reliability and durability as well as process control and internal quality management.

Beyond its first-class products, Meitav-tec endeavors to protect the environment by developing energy saving products. Greenhouse gases, produced by industrial processes, may excessively raise the temperature of our planet to hazardous levels. Meitav-tec is committed to the environment and fights global warming by designing thermostats with advanced algorithms that help save on HVAC expenses, save energy and protect our planet.

Partnerships with OEM's

We offer OEM's 'tailor-made' solutions, after fully understanding their products and their needs.

Join us and become one of our successful partners.







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Meitav-tec Naming Rules:

Product name is usually an abbreviation of product model, followed by various possible features, such as operating voltage, number of Cooling/Heating stages, fan speed, or remote control.

Feature	Description	Abbreviation
Plastic type (shape)	See next page	
System type	em type Air Condition/Fan-Coil/VAV AC/FC/VAV	
Supply voltage	24VAC/110VAC/220VAC/12VDC	24/110/220/12
Fan speeds	1 Speed/2 Speeds/3 Speeds	1\$/2\$/3\$
Suntama (AS)	Separate outputs for Cool and Heat	HC## (stages heat, cool)
System type (AC)	Heat Pump system (reversing valve)	HP## (stages heat, cool)
	Separate Proportional outputs for Cool and Heat (0-10V)	Р
	One Proportional output for Cool and Heat	PD
System type (FC)	One Pulse Modulating output – 3 wire –open, common, close – for both Cool and Heat	PM
	Two separate Pulse Modulating outputs – 3 wire – open, common, close – for Cool and Heat	PM2
	One Pulse Modulating – 3 wire – open, common, close for Cool and one on/off output for Heat	РМН
	several configurations in one product, selectable by DIP switches	SUPER
	Freeze Protection	FP
Others	Infra Red remote control – optional	IR
	Weekly Program (programmable)	PR
	Special features in the product differentiate it from the same product without the 0X name extension	01/02/03/

Examples:

ETN24-P-PD-FC-SUPER	Shape: ETN, Voltage: 24VAC, FC Type: 1 (PD) or 2 (P) Proportional outputs, System type: Fan-Coil (FC), DIP switch selectable configurations (SUPER)
FMT24-HP21-3S-PR-IR	Shape: FMT, Voltage: 24VAC, AC Type: Heat pump – 2 stg. Heat and 1 stage cool, Fan speeds: 3 fan speeds, Weekly program (PR), Infra red remote control option (IR)





Thermostats are typically divided to:

1. Flush Mount

FMT

Flush Mount, Vertical type



FMH

Flush Mount, Horizontal type



2. Wall Mount

ETN



CTR/CEM/CEO



TED





CTU - Main Controller - Building Automation

Main Controller for B.M.S

The CTU is a smart, highly versatile controller; Meitav-tec has especially developed this product to meet the need for a controller, readily implemented for customer's unique HVAC application.

The CTU is a **"Plug & Play"** communicating controller – Does not require Technician Configuration when installed.



The CTU adaptability is an ideal solution for OEM's and Contractors who require "tailor made" controller configured according to their particular requirements at a The CTU controller offers advanced communication protocol capabilities, such as Modbus or BACnet for B.M.S control and selectable power supplies 24VAC, 110VAC or 230VAC.





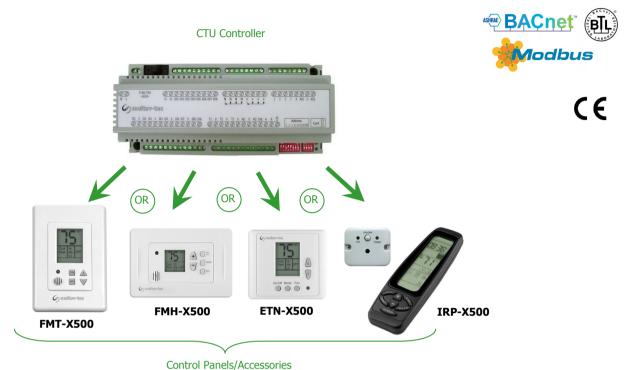
General Features

- Main supply: 24VAC, 110VAC or 230VAC
- RS-485 Communication port Available in BACnet, Modbus and proprietary Maxinet protocols.
 - CTU2500 Family BACnet protocol (BTL Certified)
 - CTU4500 Family Modbus protocol
 - CTU1800 Family Maxinet proprietary protocol
- Panel interface to various designs Wall/flush mount/IR panels optional
- Inputs
 - * 8 x Digital Inputs
 - * 2 x Analog inputs (0-10VDC)
 - * 3 x Temperature Sensor inputs 50K @ 77°F
- Outputs
 - * 8 x Digital Outputs (24VAC 110VAC or 230VAC depending on the supply voltage)
 - * 2 x Analog Outputs (0-10VDC)
 - * 2 x 3-wire 24VAC (Open-Common-Close)
- 12VDC power supply for occupancy sensor

- Adjustable Set point limits for cooling and heating
- Auto fan (fan on demand) optional
- Fan On/Auto-Fan in Cool/Heat DIP switch selectable
- Offset for temperature reading adjustment
- IR input
- 2 indication LEDs
- MAC address 1-255 by DIP switch
- 4 DIP switches for configuration purposes
- DIN rail connection
- CE certified
- Energy saving cost effective, environmentally friendly controller



Wall Panels Configurations



CONTROL Pariets/Accessories

Applications

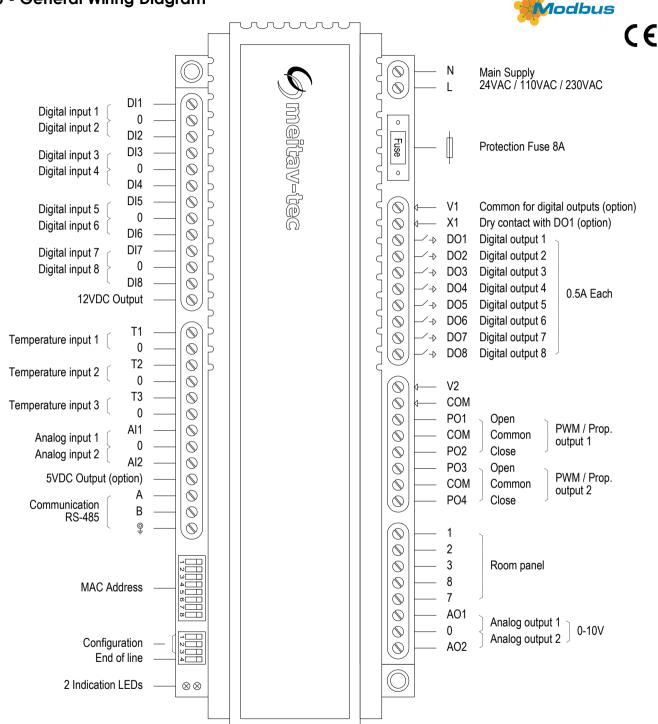
CTU Fan-Coil controllers	Outputs operation
FC-SUPER	On/Off
P-FC-SUPER	0-10VDC proportional for Valve/Fan
PM2-FC-SUPER	3 wire (Open/Common/Close) 24VAC
TA2-FC-SUPER	Thermal Actuator (230VAC)
CTU Air Condition controller	
AC-SUPER	Compressor & Heat Pump outputs
WSHP (Water Source Heat Pump)	Compressor & Heat Pump



ASHRAE BACnet



CTU - General Wiring Diagram





CTUx601 - Input/Output Card

Input/Output card for BACnet or Modbus communication net

The CTU-x601 is an Input/Output (I/O) card for BACnet, Modbus or Maxinet communication network, designed to control various devices from the Building Automation Server/Application.

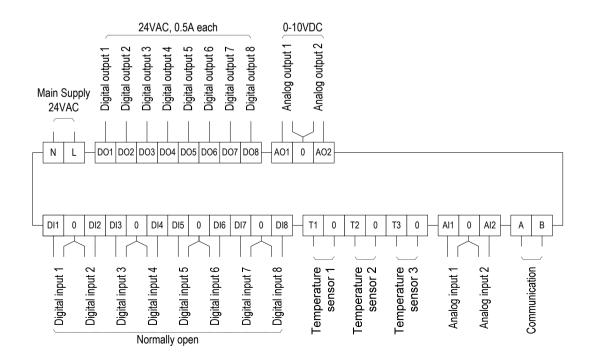
General Features

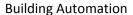
- Main supply: 24VAC, 110VAC or 230VAC
- RS-485 Communication port Available in BACnet, Modbus and proprietary Maxinet protocols.
 - CTU2601 Family BACnet protocol (BTL Certified)
 - * CTU4601 Family Modbus protocol
 - * CTU1601 Family Maxinet proprietary protocol
- 8 x Digital Inputs voltage free dry contact
- 3 x Temperature Sensor inputs 50K @ 77°F



- 8 x Digital Outputs Available in either 24VAC, 110VAC or 230VAC
- 2 x Analog Outputs, 0-10VDC
- Easy connection to DIN Rail
- MAC Address selection by DIP Switches

Note: 24VAC to Dry contact Adaptor can be supplied upon order.







CTU2646 - Input/Output Card

Input/Output card for BACnet or Modbus communication net

The CTU2646 is an Input/Output (I/O) card for BACnet or Modbus communication protocols, designed to control various devices from the Building Automation Server/Application.

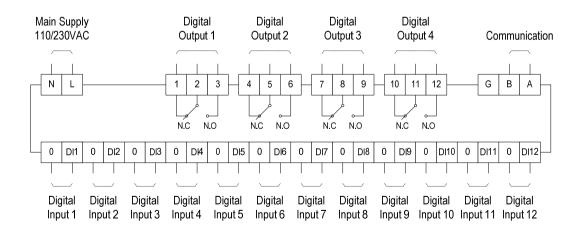
General Features

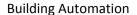
- Main supply: 110VAC or 230VAC
- RS-485 Communication port BACnet (BTL certified) or Modbus operation selectable by DIP switch
- 12 x Digital Inputs voltage free dry contact
- DI12 digital input can be converted to 24V Input jumper selectable
- 4 X Digital outputs (Change Over)
- Selectable Digital outputs configuration N.O/N.C



- Easy connection to DIN Rail
- MAC Address selection by DIP Switches

Note: 24VAC to Dry contact Adaptor can be supplied upon order.







VAV Controller - Modbus & BACnet

Main controller, 24VAC for VAV applications with Modbus or BACnet BMS interface

The VAV controller is designed to work with VAV (Variable Air Volume) dependent pressure units.

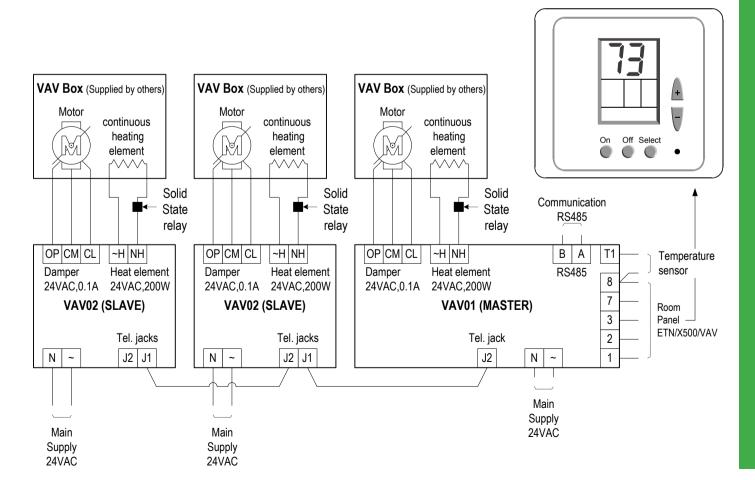
The VAV controller consists of Master and Slave units (up to 3 Slaves per Master unit) and can operate as part of a B.M.S control network or as standalone units.

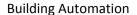


General Features

- Main supply 24VAC
- RS-485 Communication port Available in BACnet or Modbus protocols
- Output for Cool 3 wire (Open, Common, Close) 24VAC
- Wall panel ETN type

- Offset for temperature reading adjustment
- Optional Slave units, useful in large spaces the slave unit mimics the master operation
- can be used with electric heater or hot water valve for reheat – Model Dependent







CTU - Air Handling Unit Controller BACnet (BIL)

AHU Controller

Meitav-tec CTU AHU Controller has been designed and configured to control Air Handling Unit (AHU) as per customer's specifications.

The CTU AHU is a "Plug & Play" controller, suitable for small/medium AHU without the need to modify/program the software for each application.

This high performance, reliable controller is locally operated by a panel display and communicates with the B.M.S by Modbus protocol.

BACnet BIL Modbus C E



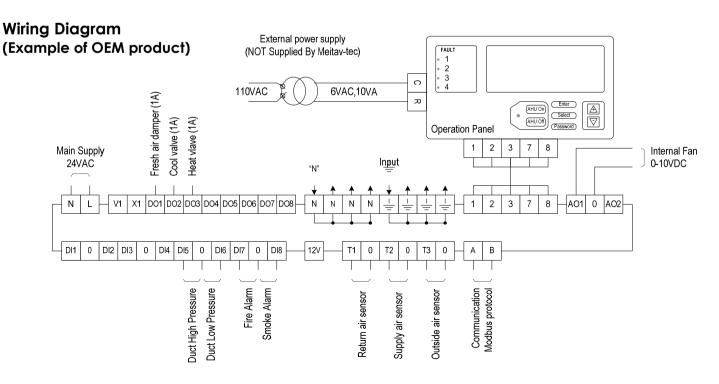


General Features

- Main supply: 24VAC, 110VAC or 230VAC
- Outputs:
 - Cool Valve
 - * Heat Valve
 - Fresh Air Damper
 - * Internal Fan proportional 0-10VDC
- Inputs:
 - * Return air
 - * Supply air
 - * Outdoors air

- Digital inputs (Dry contact):
 - * Duct High pressure
 - * Duct Low pressure
 - * Fire alarm
 - Smoke alarm
- Easy connection to DIN Rail
- MAC Address selection by DIP Switches

Note: other configurations and Features are available Per customer specifications





TCP/IP - Web HVAC Network Controller & Viewer

The TCP/IP/WEB controller is an ideal solution for real-time monitoring and control of a thermostat network, via the internet, without the need for designated computer.

The TCP/IP/WEB enables web access to the HVAC Network Control program via an exclusive IP, and therefore doesn't require a main control computer. Up to 4x60 Meitav-tec thermostats/controllers can be connected to each TCP/IP/WEB via RS-485 communication network making the control simple, easy and most importantly accessible from any device with internet connection.

The TCP/IP/WEB offers a user friendly interface with options for area/floor scheme display, text alarms to cellular phones, weekly programs, data logger and more.

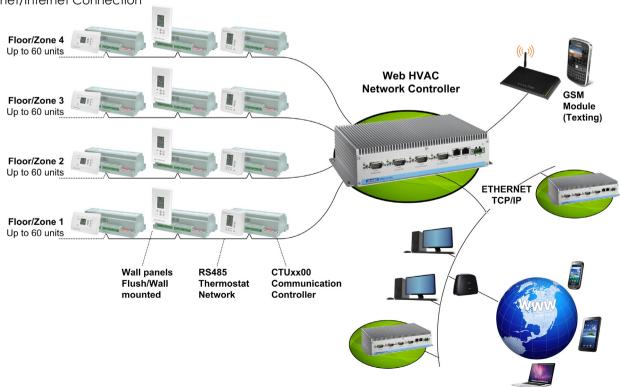


General Features

- Main supply: 110VAC or 230VAC
- Real-Time, thermostats network main controller
- Web access to each controller via exclusive IP
- Adjustable Set point limits for cooling and heating
- Weekly programs
- Data logger (can be exported to Excel)
- Alarm to telephone numbers by Texting optional
- Ethernet/Internet Connection

Benefits

- Friendly, clear graphic display of all units
- Remote control of all units in the network
- Replaces the need for dedicated computer on site
- System continues to work as a standalone system when disconnected from the web





ETNC24-AC-PIR

Wall-mount, 24VAC thermostat, for air condition and heat pump applications with integrated Passive IR (PIR) Occupancy Sensor and BACnet/MODBUS building Automation application

The ETNC24-AC-PIR is an advanced, energy saving thermostat suitable for many A/C applications.

The thermostat offers various configurations, either Cool/Heat/Auto/Fan, or alternatively Cool Only or Heat Only, all of which are selectable with 1, 2 or 3 fan speed control.

The thermostat can be adjusted to the field configuration either from the BMS or by DIP Switches and simple Technician Settings interface using the buttons and LCD display.

All these qualities make the ETNC24-AC-PIR suitable for wholesalers, keeping a stock on the shelf and supplying the proper configuration according to customer's specifications as well as for the technicians who can use it for various applications.

General Features

- Wall mount, 24VAC thermostat
- Modes: Cool/Heat/ Fan/Auto
- 1, 2 or 3 fan speeds + Auto speed + Auto Fan
- Economy mode + Sleep Mode + Set point limits
- Window contact, normally open / normally closed DIP switch selectable
- Internal / external sensor DIP switch selectable
- MAC address configuration via DIP switches
- BACnet / Modbus interface Built in
- Auto-fan

- Up to 3 stages for Heat and 2 stages for Cool
- Integrated Occupancy Sensor (PIR)

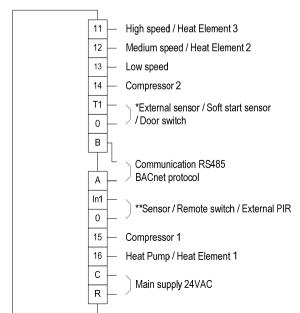
s∰ **BAC**net" (

- Lock buttons option
- Celsius or Fahrenheit temperature scales
- IR option
- Freeze Protection
- Filter counter and Alarm
- Energy saving cost efficient, environmental friendly thermostat

Applications

1/2 compressors + HP and 1/2/3 Fan Speeds 1 compressor + HP + Heat Element + 1/2/3 Fan Speeds 1 compressor + 2 Heat Element + 1/2/3 Fan Speeds 1 compressor + HP + Heat Element (floor Heating) + 1/2/3 Fan Speeds

Wiring Diagram



Room Automation





ETNC24-FC-PIR

Wall-mount, 24VAC thermostat, for Fan Coil applications with integrated Passive IR (PIR) Occupancy Sensor and BACnet/MODBUS building Automation application

The ETNC24-FC-PIR is an advanced, energy saving thermostat suitable for hotel rooms and offices controlling the Fan Coil.

The thermostat offers various configurations, either Cool/Heat/Auto/Fan, or alternatively Cool Only or Heat Only, all of which are selectable with 1, 2 or 3 fan speed control.

The thermostat can be adjusted to the field configuration either from the BMS or by DIP Switches and simple Technician Settings interface using the buttons and LCD display.

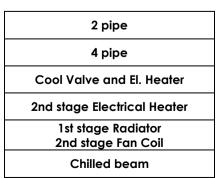
All these qualities make the ETNC24-FC-PIR suitable for wholesalers, keeping a stock on the shelf and supplying the proper configuration according to customer's specifications as well as for the technicians who can use it for various applications.

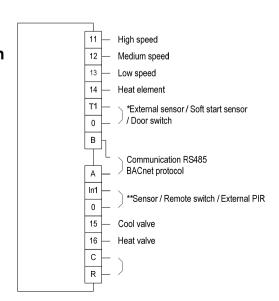
General Features

- Wall mount, 24 VAC thermostat
- 2 pipe or 4 pipe Fan Coil Control
- Modes: Cool/Heat/ Fan/Auto
- 1, 2 or 3 fan speeds + Auto speed + Auto Fan
- Economy mode + Sleep Mode + Set point limits
- Window contact, normally open / normally closed DIP switch selectable
- Internal / external sensor DIP switch selectable
- MAC address configuration via DIP switches
- BACnet / Modbus Communication Built in
- Auto-fan

- Up to 3 stages for Heat and 2 stages for Cool
- Integrated Occupancy Sensor (PIR)
- Lock buttons option
- Celsius or Fahrenheit temperature scales
- IR option
- Freeze Protection
- °F or °C temperature scale
- Economy mode
- Easy to install and use

Applications











ETN24 Series

Wall-mount, 24VAC thermostats, for A/C and Fan-Coil applications

The ETN24 series includes fully featured, stylish thermostats with a large, easy to read display, suitable for light commercial and residential applications.

The ETN24 thermostats range offer control for a large variety of HVAC systems with different configurations, including Cool Only (C), Heat/Cool (HC) or Heat Pump (HP) with 1 or 3 fan speeds.



General Features

- Wall-mount, 24VAC thermostats
- When working with Oil/Gas in Heat Mode the internal fan operation can be disabled
- Adjustable Set point limits for cooling and heating (password protected)
- Compressor protection delay timer
- Auto fan (fan on demand) optional
- External temperature sensor optional

- Temperature display Ambient and Set-Point, or Set-Point display only
- Offset for temperature reading adjustment
- Lock buttons optional
- Silicon buttons
- Simple to use
- Energy saving cost effective, Environmentally Friendly algorithms and logic
- Available in various colors

Model based Features

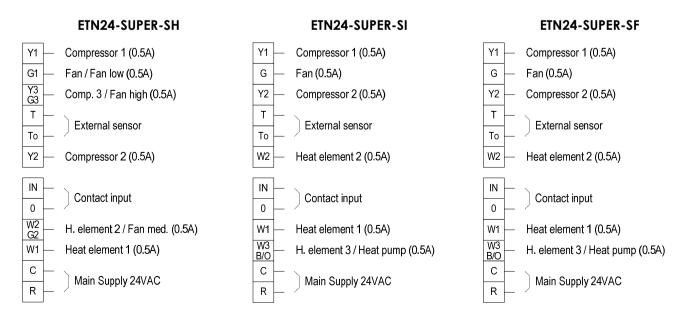
ETN24-SUPER-SH	ETN24-SUPER-SI	ETN24-SUPER-SF
1 or 3 fan speeds – selectable	1 fan speed only	1 fan speed only
Contact Input – Turn system off or switch to economy mode	Heat Pump or Heat/Cool configuration available	Heat Pump or Heat/Cool configuration available
(adjustable set-points)	Contact Input – Turn system off or	Contact Input – Indication only
Adjustable dead zone between cooling and heating in auto mode	switch to economy mode (adjustable set-points)	IR Remote control with timer – optional
Configurable time delay between compressor stages	IR Remote control with timer – optional	Emergency heat mode available in heat pump configuration
	Emergency heat mode available in heat pump configuration	Filter clean/replace alert with adjustable time



Comparison Table

	ETN24-SUPER-SH	ETN24-SUPER-SI	ETN24-SUPER-SF
# of Compressor stages	Up to 3	Up to 2	Up to 2
Support Heat Pump configuration (Reversing Valve)		•	•
# Electrical Heat elements	Up to 2	Up to 3	Up to 3
Fan Speeds	1 or 3	1	1
Ambient Temperature reading offset	•	•	•
IR Remote Control		0	0
Dry Contact input	•	•	•
Oil/Gas operation in Heat Mode	•	•	•
Emergency Heat in HP Mode		•	•
Temperature Set-Point Limits	•	•	•
Ambient Temperature display	•	•	•
External Temperature sensor	0	0	0
Buttons Lock – optional	•	•	•
Filter clean/replace alert with adjustable time			•
Configurable time delay between compressor stages	•		
Auto Fan (fan on demand)	•	•	•
Compressor Protection delay timer	0	0	0

• – standard o – option





FMT24 Series

Flush-mount, 24VAC thermostats, for A/C and Fan-Coil applications

The FMT24 series includes fully featured reliable, flush-mount thermostats with a large, easy to read display, suitable for light commercial and residential applications.

The FMT24 thermostats range offers control for large variety of HVAC systems with different configurations, including Heat/Cool (HC) or Heat Pump (HP) control systems and different Fan



General Features

- Flush-mount, 24VAC thermostats
- Heat Pump or Heat/Cool configuration available
- · Heat pump can be configured for heating or cooling
- Heat Output configuration Electric or Oil/Gas operation in Heat Mode
- When working with Oil/Gas operation in Heat Mode the internal fan operation can be disabled.
- Emergency Heat in HP mode available in heat pump configuration
- Adjustable Set point limits for cooling and heating
- Compressor protection delay timer

- Auto fan (fan on demand) optional
- External temperature sensor optional
- Economy mode with temperature set-points for cooling and heating
- Offset for temperature reading adjustment
- Silicon buttons
- Simple to use
- Energy saving cost effective, Environmentally Friendly algorithms and logic

Model based Features

FMT24-SUPER	FMT24-SUPER-2S-FP	Other models
1 fan speedLow temperature alarm indication	 2 fan speeds Freeze protection option – with adjustable cut-in and cut-out temperatures, keeping the room temperature above preset value 	Other models available, offering Cool only, Heat only, 3 fan speeds and IR remote control option



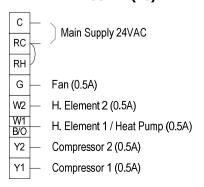
Comparison Table

	FMT24-SUPER (1S)	FMT24-SUPER-2S-FP
# of Compressor stages	Up to 2	1
Support Heat pump configuration	•	•
# of Electrical Heat elements	Up to 2	Up to 2
Fan Speeds	1	2
Ambient Temperature reading offset	•	•
Temperature Scale	°F/°C	°F
Oil/Gas operation in Heat Mode	•	•
Emergency Heat in HP mode	•	•
Temperature Set-Point limits	•	•
Economy Mode	•	•
External Temperature Sensor	0	0
Freeze Protection – adjustable temperatures		•
Auto Fan (fan on demand) – optional	•	•
Compressor protection delay timer	•	•

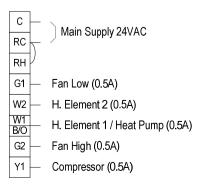
• – standard o – option

Wiring Diagrams

FMT24-SUPER (1S)



FMT24-SUPER-2S-FP





TED24 Series

Wall-mount, 24VAC thermostats, for A/C and Fan-Coil applications

The TED24 Series offer simple, reliable and cost effective solution that suits commercial or residential applications to control a large variety of HVAC systems, including Fan-Coils.

This thermostat series is one of Meitav-tec best sellers over the years, for proven field reliability.



General Features

- · Wall-mount, 24VAC thermostat
- Heat Pump or Heat/Cool configuration available jumper selectable
- Heat pump can be configured for heating or cooling
- Heat Output configuration Electric or Oil/Gas operation in Heat Mode – jumper selectable
- When working with Oil/Gas operation in Heat Mode the internal fan operation can be disabled.

- LCD display for Ambient and Set Point Temperature
- External temperature sensor optional
- °F or °C Temperature scale jumper selectable
- Fault input (Dry contact)
- Compressor protection delay timer
- Suitable also for Fan-Coil applications
- Energy saving cost effective, environmentally environmental friendly thermostats

Model based Features

TED24-SUPER	TED24-SUPER-01	TED24-AUTO-SUPER
• 1 fan speed	• 1 fan speed	• 1 fan speed
Modes: Cool/Heat	Modes: Cool/Heat	Modes: Cool/Heat/Auto
	Special fan logic – When the unit is OFF, the Fan will be active if the fan switch is in "ON" position	

New design – to be released soon





Comparison Table

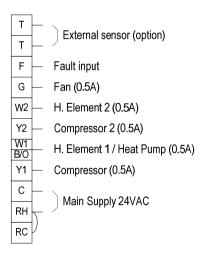
	TEDOA CUDED/TEDOA CUDED OI	TEROA AUTO CURER
	TED24-SUPER/TED24-SUPER-01	TED24-AUTO-SUPER
# of Compressor stages	Up to 2	1
Support Heat pump configuration	•	•
# Electrical Heat elements	Up to 2	Up to 2
Fan Speeds	1	1
Oil/Gas operation in Heat Mode	•	•
Ambient Temperature display	•	•
External Temperature Sensor	0	0
Auto Fan (fan on demand) – optional	•	•
Compressor Protection Delay timer	•	•
Temperature Scale	°F/°C	°F/°C

ullet – standard

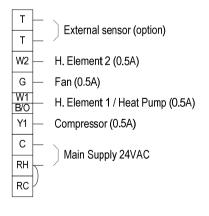
o – option

Wiring Diagram

TED24-SUPER/TED24-SUPER-01



TED24-AUTO-SUPER





FMH-FC-SUPER3 Series

Flush-Mount, 24VAC, 110VAC or 220VAC for most Fan-Coil applications

The FMH-FC-SUPER3 series allows users the flexibility of having one main controller for most Fan-Coil applications.

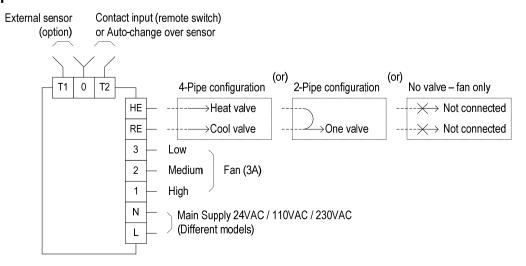
It can be flush-mounted or installed directly into the Fan-Coil, with an External temperature sensor for the return air.

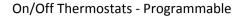


General Features

- Flush-mount, 24VAC, 110VAC or 220VAC, Thermostat
- Fan-Coil supported configurations (By DIP Switch):
 - * 4 pipe 2 valves
 - * 2 pipe 1 valve
 - * no valve
- Manual Cool/Heat or Auto-Change between modes (DIP Switch selected)
- Temperature display Ambient and Set-Point, or Set-Point display only (DIP Switch selected)
- Fan/Auto Fan or all time Auto Fan (DIP Switch selectable)
- Internal/External temperature sensor (DIP Switch selectable)
- Adjustable Set Point Temperature limits password protected
- Lock buttons password protected

- Special Input can be used for:
 - Auto-change over sensor mode is set based on temperature of the incoming water flow, ideal for 2pipe systems.
 - * Contact input for a remote switch, which sets the mode of one or more thermostats linked together (available only for 2-pipe systems).
 - Contact input to activate Economy Mode unit works according to pre-determined economy set points
 - Contact input to turn the unit Off
- Energy saving cost effective, environmentally friendly thermostat
- Available in different colors
- Also available with Proportional (0-10VDC) Valves output – FMH-P-FC-SUPER model







PROG Series

Flush-mount or Wall-mount, 24VAC Programmable Thermostats

The PROG series includes FMT and ETN models, with Simple to The different programs, offering several periods (according to model) per day, are easy to use and provide 24-hour comfort as well as energy savings.

These thermostats control a large variety of HVAC systems with or Heat Pump (HP) and various Fan Speeds.

General Features

- Flush or Wall mount, 24VAC thermostats
- Heat Pump or Heat/Cool configuration available
- · Heat pump can be configured for heating or cooling
- Heat Output configuration Electric or Oil/Gas operation in Heat Mode
- When working with Oil/Gas in Heat Mode the internal fan operation can be disabled
- Adjustable Set point limits for cooling and heating
- Compressor protection delay timer
- Auto fan (fan on demand) optional
- External temperature sensor optional
- Offset for temperature reading adjustment
- Real time clock
- Lock buttons optional
- · Large, clear and easy to read display
- Energy saving cost efficient, Environmental Friendly algorithms and logic

Model based Features

- 1, 2 OR 3 Fan speeds
- Single or Double set point (Cooling/Heating)
- Freeze protection When the temperature drops, the Heat and Fan outputs will be activated in order to keep the room temperature above preset value
- IR Remote control optional
- °F or °C Temperature Scale
- Clock type AM/PM or 24 Hrs.





Program types (Model Dependant):

- 5-1-1 or 7-Days Program:
 - * 5-1-1 Different programs for the weekdays, Saturday and Sunday
 - 7-Days Different programs for every day of the week
- Event settings:
 - * Start time and Stop time
 - * Start time, Stop time and set point
 - * Start time, Set cool and set heat
- Number of events per day: 1, 2 or 4



Comparison Table

	FMT-24-5	SUPER-FP-I Series	PROG-US	ETN24-S	UPER-FP-P Series	ROG-US	ETN24-S	UPER-FP-P Series	ROG-EU	7-Days Prog.
	FMT-24-SUPER- FP-PROG-US	FMT-24-SUPER- 2S-FP-PROG-US	FMT-24-SUPER- 3S-FP-PROG-US	ETN24-SUPER- FP-PROG-US	ETN24-SUPER- 2S-FP-PROG-US	ETN24-SUPER- 3S-FP-PROG-US	ETN24-SUPER- FP-PROG-EU	ETN24-SUPER- 2S-FP-PROG- EU	ETN24-SUPER- 3S-FP-PROG- EU	ETN24-SUPER- PROG-7DAYS- US
¹ Program Type		•			5-1-1		•		•	7 Days
Events per Day					4					1
Event Settings	Start time, Set Cool Set Heat Set Heat Start time, Set Cool Set Heat		Start time, Stop time 1 Set point		Start time Stop time					
Clock type			AM,	/PM				24 Hrs.		AM/PM
# of Compressors stages	2	1	1	2	1	1	2	1	1	2
Heat Pump	•	•	•	•	•	•	•	•	•	•
# of Heat elements (heat-cool config.)	2	2	1	2	2	1	2	2	1	2
# of Heat elements (heat-pump config.)	1	1	-	1	1	-	1	1	-	1
Fan Speeds	1	2	3	1	2	3	1	2	3	1
² Temperature Offset	•	•	•	•	•	•	•	•	•	•
Remote Control	0	0	0	0	0	0	0	0	0	
Oil/Gas Heater	0	0	0	0	0	0	0	0	0	0
³ Emergency Heat	•	-	-	-	-	-	-	-	-	-
Set-Point Temp. limits	•	•	•	•	•	•	•	•	•	
Ambient Temp. display	•	•	•	•	•	•	•	•	•	•
External Temp. sensor	•	•	•	•	•	•	•	•	•	•
Buttons Lock – optional	•	•	•	•	•	•	•	•	•	-
Freeze Protection	•	•	•	•	•	•	•	•	•	-
⁴ Auto Fan – optional	•	•	•	•	•	•	•	•	•	•
Compressor Delay	•	•	•	•	•	•	•	•	•	•
Temperature Scale	°F	°F	°F	°F	°F	°F	°C	°C	°C	°C

⁻ standard ○ - option

¹Program Types:

US – USA type – Day is typically divided into 2 or 4 periods where the user set different set points (for both cool & heat) without ever turning the system off.

EU – Europe type – user can program up to 4 start times and stop times (optionally with one set point – model dependent)

²The offset is used for calibration of temperature readings.

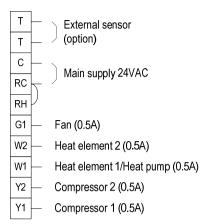
³Emergency heat mode is available in Heat pump configuration only.

⁴When the Auto fan option is active, the fan will be active only during demand for cooling or heating.

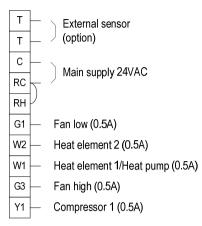


Wiring Diagrams

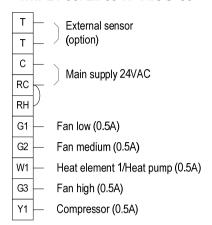




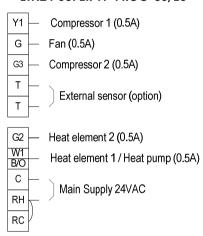
FMT-24-SUPER-2S-FP-PROG-US



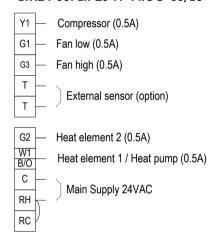
FMT-24-SUPER-3S-FP-PROG-US



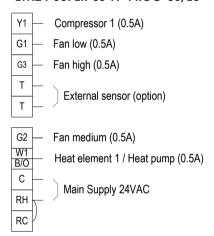
ETN24-SUPER-FP-PROG-US/EU



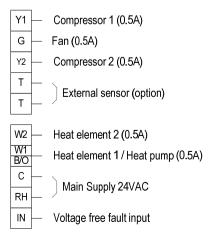
ETN24-SUPER-2S-FP-PROG-US/EU



ETN24-SUPER-3S-FP-PROG-US/EU



ETN24-SUPER-PROG-7DAYS-US





CTR-24-SUPER

Wall mount, 24VAC thermostat, Weekly Programmable, with an extra IR remote control connection for a second location

The CTR-24-SUPER thermostat offers a selectable number of heating and cooling stages for Heat Pump or Heat/Cool systems.

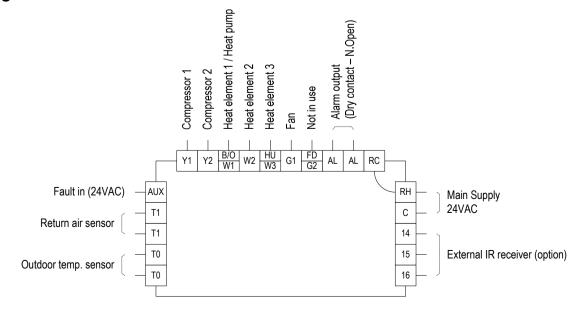
The CTR-24-SUPER enables connection of an extra IR receiver panel for remote control from a second location. In addition, it offers an alarm output, a fault input and also indicates outdoor temperature. With built-in Weekly Programming (where set Cool, set Heat may be programmed), the CTR-24-SUPER is a convenient and easy to use, Temperature Control solution.



General Features

- Main supply 24VAC
- Heat Pump or Heat/Cool configuration available
- Heat pump can be configured for heating or cooling
- Heat Output configuration Electric or Oil/Gas operation in Heat Mode
- When working with Oil/Gas in Heat Mode the internal fan operation can be disabled
- Multiple stages for Cooling and Heating up to 2 cooling stages and 3 Heating stages
- Adjustable Set point limits for cooling and heating
- Compressor protection delay timer

- External temperature sensor optional
- Outdoor temperature sensor optional
- °F or °C Temperature scale DIP Switch selectable
- 5-1-1 programmable; 4 periods per day, each with Set Heat and Set Cool
- Clock type AM/PM or 24 Hrs.
- Alarm Output 24VAC dry contact, normally-open
- Fault Input- 24VAC
- External IR receiver panel for remote control
- Energy Saving cost effective, environmentally friendly thermostat





CEO/CEM-24-HC22

"Talking Thermostat"

With telephone & voice capabilities, "call-out" options and 5-1-1 weekly programmable, these thermostats are perfect for your second home, cabin or office.

Construction of the state of th

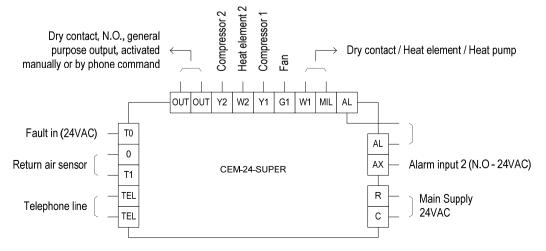
General Features

- Main supply 24VAC
- Telephone Communication call the thermostat from remote location to check or set the mode and temperature
- Modes: Cool/Heat/Auto-Change-Over/Auto-fan/ Fan-On
- Up to 2 Heating stages of and 2 Cooling stages
- Heat Output configuration Electric or Oil/Gas operation in Heat Mode
- When working with Oil/Gas in Heat Mode the internal fan operation can be disabled

- 5-1-1 weekly program
- Compressor protection delay timer
- Economy Mode to be activated when you leave home for any period of time
- General purpose output (e.g. boiler) to be activated also by telephone for unlimited time
- °F or °C Temperature Scale (part # dependent)
- Real Time Clock 24 hours/12 hours (AM/PM)

Model based Features

CEO	CEM
Thermostat calls-out to user in case of alarm situation, Up to 3 phone numbers can be programmed	 Alarm activated when temperature reaches pre-set high or low limit, or when fault input is active
 Thermostat re-dials every 2 minutes in case of a busy line Selectable system output configuration (by Jumper) - Heat-Cool 24VAC/ Millivolt (dry contact) 	 Heat Pump in Cool/Heat – jumper selectable Selectable system configuration- Heat-Cool/Heat Pump/Millivolt (dry contact)







Thermostats - Proportional Outputs

Wall-mount, 24VAC thermostats, for all Fan-Coil Proportional Valve applications.

The proportional series thermostats are designed to control a wide variety of Fan-Coil applications, with Proportional Valves configurations.

Proportional thermostats suggest different proportional outputs such as 0-10VDC or 2-10VDC, 3 wire (Open-Common-Close), Various Fan Speed control combined with additional Energy Saving Algorithms and Logic.



General Features

- Wall-mount, 24VAC thermostats
- Fan-Coil supported configurations:
 - * 4 pipe 2 valves
 - * 2 pipe 1 valve
 - * No valve
- Valves Output types:
 - Proportional outputs 0-10VDC or 2-10VDC
 - * 3 wire (Open, Common, Close) Adjustable motor Open/Close time (10 to 400 seconds)
- 1,2 or 3 Fan speeds
- Modes: Cool/Heat/Auto, Cool/Heat/Fan, Cool Only
- Auto Fan Speed Fan speed will be automatically increased or decreased to achieve user comfort together with Fast Cool/Heat.

- External Temperature Sensor optional
- Auto-change-over between Cool/Heat by T2 sensor (in 2 pipe systems)
- °F or °C Temperature Scale
- Cool and Heat adjustable temperature limits
- Offset for temperature reading adjustment
- IR Remote Control optional
- Daily, digital Timer optimal when you are asleep or away
- Buttons Lock optional
- Energy saving cost effective, environmentally friendly thermostat



Comparison Table

	ETN-24-P/PD- FC-SUPER2	ETN24-PH-FC- SUPER	ETN24-PM2-3S	ETN24-PMH	ETN24-PMHP
Cool output type	Proportional (0-10V)	Proportional (0-10V)	3 wire (Open/Com/Close)	3 wire (Open/Com/Close)	Compressor w/wo heat pump
Heat output type	Proportional (0-10V)	On/Off	3 wire (Open/Com/Close)	On/Off	1 st stage 3 wire (Open/Com/Close) 2 nd stage Compressor w/wo heat pump
Fan Speeds	1, 2 or 3	3	3	1 or 3	1 or 2
Oil/Gas operation in Heat Mode		•		•	
Change over Temp. input sensor for 2 pipe system	•				
Contact Input		•			
External Temperature sensor	•	•	•	•	•
IR Remote Control	•	•		•	
Ambient Temperature display	•	•	•	•	
Temperature reading Offset	•	•	•	•	•
Temperature Set-Point limits	•	•		•	•
Auto fan (fan on demand) – optional	•	•	•	•	
Buttons lock – optional	•	•			•
Temperature Scale	°F/°C	°F/°C	°C	°F/°C	°F/°C
Economy Mode		•			•
Daily Timer (Using remote control)	•	•		•	
Freeze Protection					•

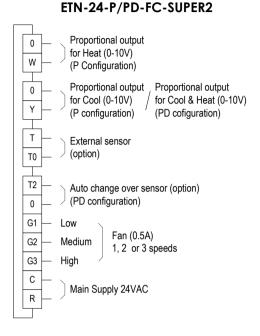
• - standard

o – option

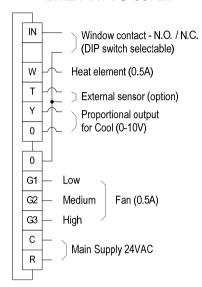


Wiring Diagrams

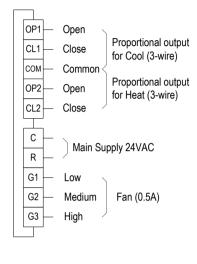
ETN 04 D/DD FC SUDEDO



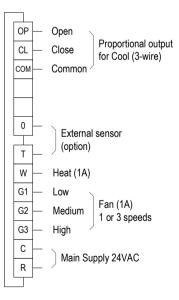
ETN24-PH-FC-SUPER



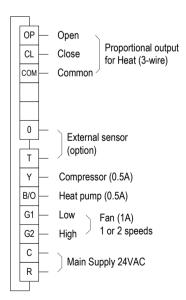
ETN24-PM2-3S



ETN24-PMH



ETN24-PMHP







ETN-24-AZC

Wall-mount, 24VAC damper controller, proportional with an optional duct Temperature Sensor

The ETN-24-AZC is a simple to use, stand-alone damper controller with a proportional output. The ETN-24-AZC can control all standard, general purpose dampers - (3-wire, 24VAC) and the Open/Close time is adjustable by the user.

The ETN-24-AZC also has a special optional duct temperature sensor, which senses the airflow temperature and automatically selects the mode (Auto-Change-Over Sensor).

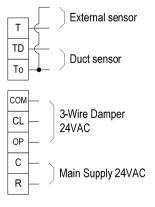


General Features

- Damper Controller, 24VAC
- Proportional, 3 wire (Open, Common, Close)
- Adjustable Damper motor Open/Close time (10 to 400 seconds)
- Optional Duct sensor for Auto Change-Over mode
- Adjustable Set point limits for cooling and heating
- External temperature sensor optional
- Offset for ambient temperature reading adjustment

- °F or °C Temperature Scale
- IR Remote Control optional (Model RT41)
- Energy saving cost effective, environmentally friendly thermostat

Wiring Diagram



*available also as FMT-24-AZC





VFS-FC-SUPER

Main Controller for Fan Coil applications with EC motor fan, and optional hand-held remote control +IR panel, or wall mount panel.

VFS-FC-SUPER is a main controller for various F/C applications. Together with a wall or flush mount thermostat panel or receiver a a remote control - this controller becomes highly attractive and a ideal 'general purpose controller'.

VFS-FC-SUPER has a modular, user-friendly design with various F/C applications built-in, field selectable. This modularity allows you to have one main controller for different F/C applications and suit it according to customer's needs on the spot.

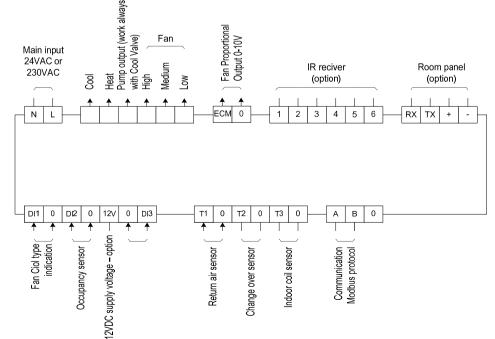




General Features

- Main Supply 24VAC or 230VAC
- Various F/C application, jumper selectable:
 - * 2 pipe systems
 - * 4 pipe systems
 - * No valve systems
- Fan Configurations:
 - * EC-motor 0-10VDC control
 - * 3 fan speeds
- T1 Return Air Sensor
- T2 Auto-Change Over sensor (for 2-pipes) T2<20°C – Cool, T2>20°C – Heat - Option
- T3 Indoor coil sensor T3 >32°C Fan starts
 T3< 36°C Fan stops Option

- Fault input, dry contact when contact opens, unit turns off and warning, indications lights will flash
- Occupancy sensor Input
- De-stratification (fan circulation option)
- Wall mount thermostats option
- Hand-Held Remote Control + M101P
- Pump output active in Cool mode
- Timer Start/Stop, programmable from Remote Control







FMHC-VFS-FC-MDB-01

Flush-Mount, 230VAC Thermostat for Fan Coil applications with EC-Motor fan.

The FMHC220-VFS-FC-MDB-01 allows users the flexibility of having one main controller for most Fan Coil applications with EC motor fan.

It can be flush-mounted or installed directly into the Fan Coil, with an external sensor for the return air.

The FMHC220-VFS-FC-MDB-01 also offers a special input for 1 of 4 options:

- 1. Auto-change over sensor, where the incoming water temperature dictates the Mode.
- 2. Contact input for a remote switch, which changes the Mode of one or many thermostats linked together.
- 3. Contact input for a remote switch, which activates Economy mode.
- 4. Contact input to Turn OFF units.

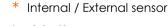




General Features

- Flush-mount, 24VAC, 110VAC or 220VAC, Thermostat
- Can be connected to:
 - * 4 pipe system 2 valves
 - * 2 pipe system 1 valve
 - * Fan Coil no valve
- Configurable 0-10VDC ECM proportional band
- DIP switch control options:
 - * Manual Cool/Heat or Auto-Change
 - * Display of set-point temperatures only
 - * Fan/Auto Fan or all time Auto Fan selectable

- Pump Output
- Special Input for:
 - * Auto-change over sensor mode is set based on temperature of the incoming water flow, ideal for 2-pipe systems.
 - * Contact input for a remote switch, which sets the mode of one or more thermostats linked together (available only for 2-pipe systems).
 - * Contact input to activate Economy Mode unit reverts to pre-determined economy set points
 - * Contact input to turn the unit Off
- Energy saving cost efficient, environmental friendly thermostat
- Available in different colors



- Lock buttons
- Set point limits

RS485 RS485 000 Modbus Protocol HE RE Α High voltage wires В ECM EC motor 0 T2 Š Contact input (remote switch) or Auto-change over sensor 0 External sensor (option) T1



CHU-24-SUPER

Wall-mount, 24VAC Programmable thermostat, controlling Temperature & Humidity

The CHU-24-SUPER thermostat is a combined Temperature & Humidity controller.

It offers a selectable number of Heating and Cooling stages as well as an output for Humidifier or de-Humidifier. The CHU-24-SUPER has a built-in humidity sensor.

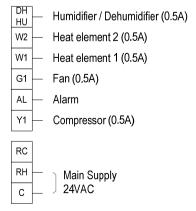
The CHU-24-SUPER also offers weekly programming (where set Cool, set Heat and set Humidity may be programmed) and alarm indication Output in case temperature or humidity limits are exceeded.



General Features

- Wall mount, 24VAC controller
- Heat Pump or Heat/Cool configuration available
- Multiple stages for Cooling & Heating
- Heat Output configuration Electric or Oil/Gas operation in Heat Mode
- When working with Oil/Gas in Heat Mode the internal fan operation can be disabled
- Output for Humidifier or De-Humidifier (jumper selectable) 24VAC
- Humidity sensor built-in
- Adjustable temperature set point range: 45°F-90°F/5°C-35°C
- Adjustable humidity set point range: 20%-70% RH

- Compressor protection delay timer
- 5-1-1 Weekly Program with programmable set Cool, set Heat and Set Humidity
- External temperature sensor optional
- °F or °C Temperature scale jumper selectable
- Real Time Clock 24 hours/12 hours (AM/PM)
- Alarm output (24VAC) Indication in case temperature or humidity limits are exceeded
- Internal battery for backup when supply fails
- Energy saving cost effective, environmentally friendly thermostat





M5001-24

Wall mount, 24VAC controller for Temperature & Humidity, with 4 Proportional outputs (0-10VDC)

The M5001-24 offers unique flexibility and simplicity, allowing users proportional control of both temperature and humidity.

The M5001-24-4X0-10VDC offers 4 different proportional outputs; Cool, Heat, Humidifier and De-humidifier.

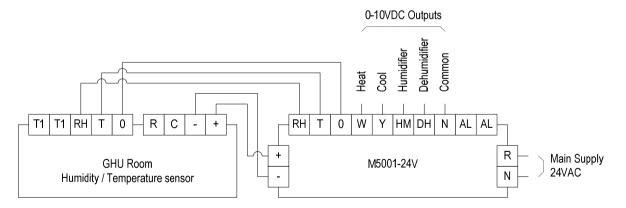
Additional features such as wide temperature and humidity ranges, adjustable differentials and adjustable dead-zones, make the M5001-24 a truly unique and practical controller.



General Features

- Wall mount, 24VAC controller
- 4 Proportional 0-10VDC (or 2-10VDC) outputs for:
 - * Cool
 - * Heat
 - * Humidifier
 - * De-Humidifier

- Temperature Range 0°C-60°C
- Humidity Range 10%-99% RH
- Works with Meitav-tec GHU sensor- combined temperature and humidity sensor for room or duct





TLC-24

24VAC, Temperature Limit Controller for energy saving. The TLC will Turns the compressor On/Off as per adjustable temperature limits.

The TLC is a simple, yet efficient Temperature Limit Controller which offers substantial energy saving of Air Conditioning by limiting 'Set Temperature'.

The TLC is compact and easy to install at any existing Air Conditioning system by connecting the compressor relay line to the TLC, the TLC overrides the Air Conditioning control system and therefore can limit the Cool/Heat set points.

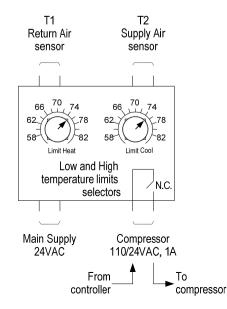
Limit Cool & Limit Heat values are configurable. The TLC will automatically re-operate the compressor according to these values.



Field Tests showed 25-40% energy saving using the TLC-24

General Features

- Adjustable Set point limits for cooling and heating using 2 manual knobs
- Power supply 24VAC for HVAC operation
- 1A, 24VAC dry contact for compressor relay
- Random compressor delay Algorithm jumper selectable
- Easy, quick installation in any existing AC system
- TLC installation requires no modification in the existing room devices
- No change to user operation of the Air Conditioning system
- Fast Return On Investment (ROI)



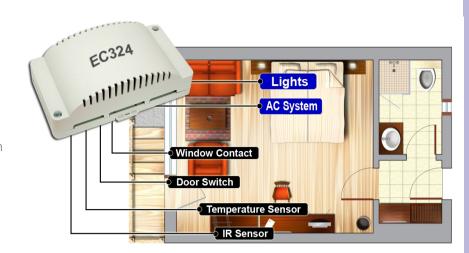


EC324

24VAC, energy saving controller, for offices or hotel rooms.

Turns On/Off HVAC and lighting systems per presence in a room via an Occupancy Sensor and optional Contact Inputs

The EC-324 offers substantial energy saving of Air Conditioning & Lighting operation in hotel rooms, offices or conference rooms.

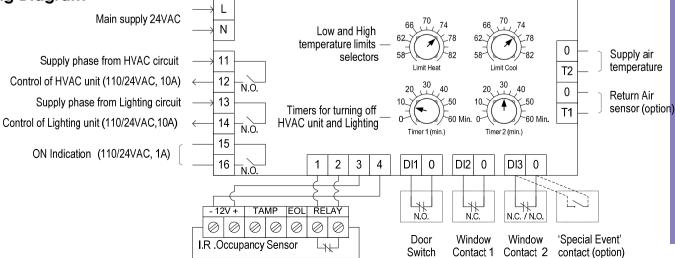


General Features

- Power supply 24VAC, 10A for HVAC operation
- Detects presence based on an IR Occupancy sensor and Contact Inputs on door entry or window
- Easy, quick installation at voltage line, between an existing HVAC/lighting system and Power Supply
- Inputs:
 - IR Occupancy Sensor turns off HVAC and lighting after adjustable time (separate for HVAC and lighting)
 - * 2 Window Contacts N.O. or N.C selectable
 - Door Switch special logic for hotel rooms
 - * Temperature sensors
- Adjustable Set point limits for cooling and heating

- EC324 installation requires no modification the existing room devices
- EC324 Controller supplies 12VDC voltage to IR sensor
- DIP switch selectable options:
 - * Hotel or Office configuration
 - * With or without compressor delay
 - * Window contact configuration (N/O or N/C)







PYRO – Outdoor Snow Melting Control



The Snow Melting control products of Meitav-tec include the following products:

PYRO X	Snow Melting control system for up to 5 zones

* **PYROSENSE** Aerial Snow sensor

* PYROCON12 Controller

* **PYROBOX3/3C/5** Power distribution boxes

* **PYROULS** Upper Limit Temperature slab sensor

PYROTRACE
 Heat Tracing control system for up to 5 separate pipes/zones

* PYROCON12_TTRACE Controller

* **PYROBOX3/3C/5** Power distribution boxes

* **PYROULS** Temperature sensor

PYROSELF
 Snow Melting control system with Remote Control

* **PYROSELF** Aerial Snow Sensor and control unit

* RT_PYRO Remote Control unit

* IRP_PYRO In-house wall IR receiver

PYROSTAG
 Staggering controller for existing Snow melting installations

Accessories: with limited available power supply

PYROSB Wall Mounting bracket



PYRO_X - Outdoor Snow Melting Control

Snow melting control system for industrial, commercial and residential use. This modularity of the system makes it suitable to various projects, each with its power needs and zones layout. A unique staggering feature allows large area coverage with limited available power supply



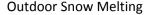
Features and benefits

- Modular: Suitable for parallel, star & triangle connections
- Accommodates MI, constant wattage, self-regulating (PTC) and Hydronic heating systems
- Sequence of zoning 1/2/3/4/ + auxiliary (such as gutter sensor)
- Can use a high demand heating system on a limited power supply source
- Energy Management Algorithm (EMA) interface
- ETL and UL Listed

General Features

- User friendly programming and adjusting
- Adjustable cycle time
- Adjustable delay (Hold on Time)
- Integrated Ground Fault Detector with adjustable trip settings
- Logical setting for installer / set up & service
- Integrated option for Universal gutter de-icing sensor

- Programmable & precise snow and ice sensor
- Surface Upper limit adjustable Temperature Sensor
- Non obtrusive adjustable snow sensor
- Suitable for electrical as well as hydronic de-icing installations





PYROSELF – Configurable Snow sensor and controller with 2 x 24A load outputs

The PYROSELF is the ultimate "All in One" Snow Sensor & controller for Light commercial and residential use. A "Plug and Play" controlled for frost protection, ice and snow melting applications.

The PYROSELF has 2 x 110-240 VAC, 24 A Max contactors for heating elements.

have full analysis of system status by colored LEDs.

A sensitive humidity sensor and smart algorithm assure the activation of the heating output/s only when needed and avoid false activations.



Features and benefits

- Up to 2 zones activation (24A each)
- Automatic voltage selection: 110VAC 240VAC)
- Sequencing option between the zones Allowing larger snow melting area with less available power on
- Optional indoor panel IR receiver
- Technician testing / commissioning mode for easy and fast system test all year long (even during summer or at high temp)
- Manual and Automatic modes. Selected by physical switch or using the remote control
- Adjustable Temperatures Set-points
- Adjustable Upper and Lower Limit Temperature
- Adjustable Hold-On-OFF Delay and Manual On
- Adjustable splitting time between the zones with multi configurations between zones

General Features

- Snow Sensor & controller for Light commercial and residential use
- Energy Efficient algorithm
- User friendly programming and setting adjustment using large LCD display remote control
- Up to 2 zones activation (24A each 110-240VAC)
- Sequencing option between the zones Allowing larger snow melting area with less available power on site
- Optional indoor panel IR receiver

- Adjustable Temperature Set-point
- Adjustable Upper and Lower Limit Temperature
- Adjustable Hold-On-OFF Delay and Manual On
- Adjustable splitting time between the zones with multi configurations between zones
- Technician testing / commissioning mode for easy and fast system test all year long (even during summer or at high temp)
- Manual and Automatic modes. Selected by physical switch or using the remote control





PYROTRACE - Heat Tracing Control

Heat Tracing controller with up to 5 outputs for multiple zones heating with staggering options

The PYROBOX3/3C/5-TRACE power boxes together with the PYROTRACE controller and interface panel, offer smart and easy control for HEAT TRACING SYSTEMS.

It can operate up to 4 heating zones and one auxiliary zone, with selectable sequencing method.

Typical applications include pipes, valves and gutters

Up to 5 circuits/contactors. Up to 600V & 600A

Suitable to all Heating elements and techniques

PYROBOX-TRACE **Cy meditar-fac

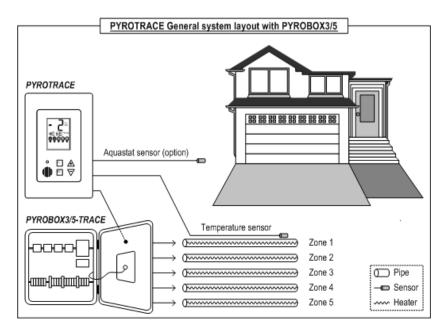




General Features

The PYROTRACE offers various operating and programming options such as:

- Switchable temperature scales (°F or °C)
- Adjustable Lower ambient temperature limit to stop heaters (lockout)
- Both Automatic and Manual modes
- Adjustable heaters cycle and splitting times
- Energy saving temperature limit
- Adjustable heaters hold on off delay
- Commissioning/Test environment





SensiCO PX300 - CO Sensor

Sensor for measuring carbon monoxide (CO) concentration

SensiCO PX 300 is a reliable sensor for measuring Carbon Monoxide (CO) concentration in enclosed locations, such as parking garages.

When CO concentration exceeds 50 PPM, a signal to the ventilation system is activated and an alarm is sent to the car park management/ control. SensiCO PX 300 may be connected to a self-control system or to the B.M.S. (Building Management System), using its analog output



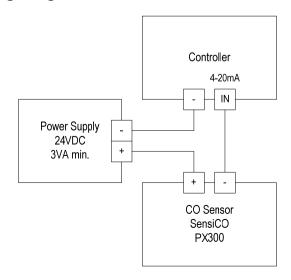
General Features

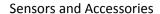
- Approval/Certification: TÜV per VDI 2053 (Air treatment systems for car parking)
- Detection principle: Electro-chemical
- Operation: Continuous
- Gas entry: by diffusion
- Measuring range: 0-300 ppm CO in air
- Reproducibility: < 3 ppm
- Response time 90: < 60 sec
- Cross sensitivity: < 2% on 300 ppm CO according VDI 2053
- Linearity: < 2% on 300 ppm CO according VDI 2053

- Operating temperature range: -10°C to +40°C
- Humidity range: 15 95% relative humidity, non condensating
- Signal: 4-20 mA, max. load 300Ω
- Connection: 2 wires
- · Zero adjustment: Automatic, calibration free
- Sensitivity adjustment: via potentiometer
- R.F.I According EN 50 081-1 resp. EN 50 082-2 B

Filter: For dust and water protection

Wiring Diagram







Remote Control Units

Hand held remote control unit

Easy-to-use infra-red remote control unit, suitable for Meitav-tec thermostats and receivers, with big LCD and a large temperature digit display.

No. No. of Property of the Pro

General Features

- On/Off
- Mode selection
- Fan speed Selection
- Temperature set point
- Timer Start/Stop

- Operated by 2 X AAA battery
- Real time clock & weekdays
- °F or °C temperature scale
- Available in black or white color

TS-01, 02, 05, 06/RS-01, 02/DT02 Temperature Sensors

External temperature sensors:

TS-01 External Temperature Sensor, includes 30" (80cm) cable

TS-02 External Temperature Sensor, includes 70" (180cm) cable

TS-05 External Temperature Sensor, includes 30" (80cm) cable -insulated

TS-06 External Temperature Sensor, includes 115" (300cm) cable - insulated

External Temperature Sensor in a decorative box Dimensions – 1.8" x 1.5" (46 mm x 38 mm):



RS-02 Average Temperature Sensor

DT-02 Duct Temperature Sensor





General Features

- 2 wire Cable AWG 24 BLACK
- Thermistor color silver or brass (white when insulated)
- Dimensions of Thermistor 1" x 0.25" (2.5 cm x 0.6 cm)
- Resistance 77°F/25°C; = 50 K Ω
- Thermal Time Rate 15 seconds
- Range 39°F to 230°F ; -40°C to 110°C

RS01/RS02

• Thermistor type - NTC



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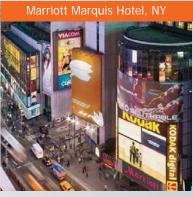
Notes Notes

Variety of Projects around the World



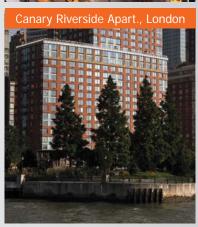




















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