Control your comfort with easy-to-use features and money-saving controls

Wall thermostats are a snap to install and easy to program for convenient and smart energy savings.

M601W / M602W

Best Sellers | Easy Installation and Control | Great Low Cost Solution



MD26



CNTLTSTDNP1H1C

Advanced Comfort Control
Sleek and Modern Design
Accurate Low Voltage Solution



LTR2240

Direct Low Voltage Control for High Amp Loads
Allows for BMS Integration
Microprocessor Base Design







SMARTSERIES® PLUS
Digital Touchscreen Control

SmartSeries Plus is the first digital touchscreen capable of running a **fully-programmable internal schedule** or connecting to a BACnet Building Management System.





Key Features:

Intelligent Controls for Intelligent Buildings
This control comes ready to connect to your Building Management System using BACnet MS/TP protocol.

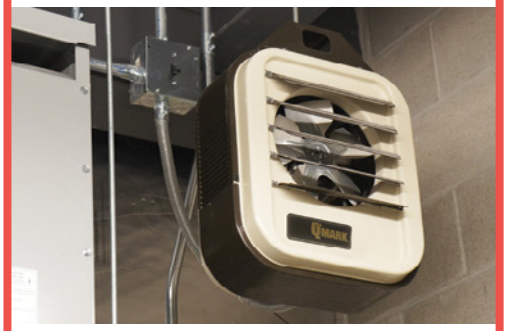
Reduced Operations & Maintenance Time
Use of the BMS saves facility manager time and reduces personnel costs by eliminating the need to travel to the heater site.

Control at your Fingertips
If a BMS is not available, you can simply use the built in 7-day programmable scheduling feature. With the occupancy settings, you can quickly schedule different temperatures for multiple periods per day.

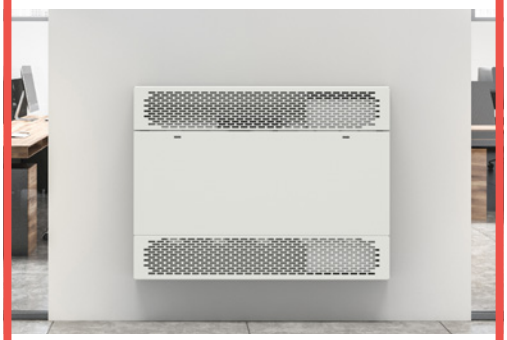
Lockable Key Pad
Protects the unit from unauthorized access and/or tampering giving you peace of mind the heater is running correctly.

Temperature Override
Control your comfort with a temporary override that enables users to set a temperature above programmed setpoints for up to 4 hours.

Featured Compatible Products



MUH & MUH-PRO



CUS900

Product Compatibility Matrix

✚ = Compatible

▲ = See SKU Compatibility Chart

☎ = Contact MEP

		2500 [1]	QMKC [1]	HBB	COS-E [4]	SED	GFR	QTS [6]	CDF [7]	EFF [7]	QCH [7]	MUH [8]	IUH [8]	CUS900	MSPH	CONVECTORS [8]	RCC	CP	FRP	FRS	OTHER RADIANT
Electronic Digital Line Voltage	TL823 0A1003/U	✚	✚	✚	▲	▲	▲									☎	✚	✚	☎	☎	☎
	TH108PLUSA	✚	✚	✚	▲	▲	▲									☎	✚	✚	☎	☎	☎
	TH106A	✚	✚	✚	▲	▲	▲									☎	✚	✚	☎	☎	☎
	TH114A240DBA	✚	✚	✚	▲	▲	▲									☎	✚	✚	☎	☎	☎
Electronic Digital Low Voltage [5]	CNTLTSTDNP1H1C	☎	☎	☎					▲			✚		✚	✚	☎	☎	☎	☎	☎	☎
	CNTLSSPBMS								▲			✚		✚	✚						
	TH5220D1029								▲			✚		✚	✚	☎			☎	☎	☎
Mechanical: Manual Temperature Control	MS26	✚	✚	✚	▲	▲	▲	✚	▲	▲	▲	☎	☎			☎	✚	✚	☎	☎	☎
	MD26	✚	✚	✚	▲	▲	▲	✚				☎	☎			☎	✚	✚	☎	☎	☎
	M601W	✚	✚	✚	▲	▲	▲	✚	▲	▲	▲	☎	☎	✚	✚	☎	✚	✚	☎	☎	☎
	M601TPW	✚	✚	✚	▲	▲	▲	✚	▲	▲	▲	☎	☎	✚	✚	☎	✚	✚	☎	☎	☎
	M602W	✚	✚	✚	▲	▲	▲	✚				☎	☎			☎	✚	✚	☎	☎	☎
	M602TPW	✚	✚	✚	▲	▲	▲	✚				☎	☎			☎	✚	✚	☎	☎	☎
	M611W	✚	✚	✚	▲	▲	▲	✚	▲	▲	▲	☎	☎	✚	✚	☎	✚	✚	☎	☎	☎
	M612W	✚	✚	✚	▲	▲	▲	✚				☎	☎			☎	✚	✚	☎	☎	☎
	M600S*											☎									
	M600MTP*											☎									
	T100	✚	✚	✚	▲	▲	▲	✚	▲	▲	▲	☎	☎	✚		☎	✚	✚	☎	☎	☎
	T200	✚	✚	✚	▲	▲	▲	✚				☎	☎			☎	✚	✚	☎	☎	☎
Commercial/Industrial	WT11A								✚	✚	✚	☎	☎	✚	✚	☎		✚	☎	☎	☎
	WT12A											☎	☎			☎		✚	☎	☎	☎
	WR80	✚	✚	✚					✚	✚	✚	☎	☎	✚	✚	☎	✚	✚	☎	☎	☎
	JC80EP											☎	☎			☎			☎	☎	☎

1 Electronic thermostats have amperage minimums and each model has different voltage requirements, please check catalog thermostat specifications.

4 Series models require the removal of the internal thermostat from unit. Wire wall thermostat for proper fan operation. See model selection for specific thermostats.

5 Low voltage thermostats operate in conjunction with low voltage control systems using relays. Compatible with all standard 24V two wire thermostats.

6 The QTS watt units can use either single-pole or double-pole thermostats. The 1104 and 1504 watt units must use a double-pole thermostat. (three conductors from thermostat to unit). Does not apply to low voltage thermostats, which need a transformer.

7 CDF and EFF Series models require different thermostats based on internal wiring. Wire wall thermostat for proper fan operation. See model selection for specific thermostats. Can not use digital thermostats with this unit.

8 Due to the complexity of wiring variations for remote wall thermostats with these products, we recommend that you contact Technical Services for assistance.

SKU Compatibility Chart

HEATER	THERMOSTAT
GFR1500T2F	TH106A, M601W, M611W, T100, MS26
GFR2004T2F	TL8230A1003/U, TH106A, TH108PLUSA, M602W, M612W, T200, MD26
GFR2404T2F	TL8230A1003/U, TH106A, TH108PLUSA, M602W, M612W, T200, MD26
COS-E Series	TH106A, M601W, M611W, T100, WR651
SED Series	TH106A, M601W, M611W, T100, WR651
CDF548	MS26, M601W
CDF542	MS26, M601W
CDF547	MS26, M601W
CDF558	MS26, M601W
CDF552	MS26, M601W
CDF557	MS26, M601W
EFF1500	MS26, M601W
EFF3007	MS26, M601W
EFF4008	MS26, M601W
EFF4004	MS26, M601W
EFF4007	MS26, M601W
EFF4804	MS26, M601W
EFF4807	MS26, M601W
EFF3003	M601W, M611W
EFF3006	M601W, M611W
EFF4003	M601W, M611W
EFF4006	M601W, M611W
EFF4803	M601W, M611W
EFF4806	M601W, M611W
EFF48483	M601W, M611W
EFF48483LV	M601W, M611W
QCH1101F	M601W, MS26
QCH1151F	M601W, MS26
QCH1202F	M601W, MS26
QCH1207F	M601W, MS26

NOTE: Programmable thermostats cannot be used with the models listed above.

Thermostats
Electric Digital Line Voltage






	TH108PLUSA	TH114A240DBA	TH106A	TL8230A1003/U
Action	Triac: Silent Operation	Electronic Switch	Triac: Silent Operation	Microprocessor
Type	12.5A Resistive 2-wire SPST	15 A Resistive 4-wire DPST	16.7A Resistive 2-wire SPST	16.7 A Resistive 4-wire DPST
Watt Rating	Minimum: 2-amp load	No minimum load	Minimum: 2-amp load	No minimum load
120v	n/a	n/a	2000 watts	n/a
208v	n/a	n/a	n/a	3120 watts
240v	3000 watts	3600 watts	4000 watts	3600 watts
277v	n/a	n/a	n/a	n/a
Pilot Duty	No	No	No	No
Temp. Range (°F)	40°F to 85°F	40°F to 85°F	40°F to 85°F	40°F to 85°F
Differential	Accuracy: Within +/- 0.27°F	Accuracy: Within 1°F of setpoint	Accuracy: Within +/- 0.27°F	Accuracy: Within 1°F of setpoint
Features	Digital, non-programmable 12.5amp model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Not for fan-forced heaters.	Digital, non-programmable model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters.	Digital, programmable high capacity model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters and resistive loads.	Digital, programmable model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters.

Electronic Digital Low Voltage






	CNTLTSTDNP1H1C	TH5220D1029	CNTLSSPBMS
Action	Electronic Switch	Electronic Switch	Electronic Switch
Type	24V .015 -1.0A @ 30V 2-wire	24V .015 -1.0A @ 30V 5-wire	24V .015 -1.0A @ 30V 3-wire
Watt Rating	-	-	-
120v	n/a	n/a	n/a
208v	n/a	n/a	n/a
240v	n/a	n/a	n/a
277v	n/a	n/a	n/a
Pilot Duty	24VAC	24VAC	24VAC
Temp. Range (°F)	40°F to 90°F	40°F to 90°F	40°F to 90°F
Differential	Accuracy: Within 1°F of setpoint	Accuracy: Within 1°F of set	Accuracy: Within 1°F of setpoint
Features	Digital, Non-Programmable 24V delivers exceptional accuracy. (Heat Only)	Digital, Non-Programmable, 24V 2-stage 5-7 wire heat and cool thermostat. One-touch temperature control with exceptional accuracy. Ideal for plenum heaters, and HVAC systems.	Digital, Programmable touchscreen two stage thermostat runs 2/3 elements on stage 1 and full heat for stage 2. Comes with BACnet MS/TP BMS compatibility, 7 day scheduling, cooling mode (Fan-Only), temporary override, vacation mode, and keypad lock.

Thermostats
Line Voltage






	MS26	MD26	M601W	M602W	M601TPW	M602TPW	M611W	M612W
Action	Snap Action		Snap Action		Snap Action		Snap Action	
Type	SPST	DPST	SPST	DPST	SPST	DPST	SPST	DPST
Watt Rating	Model MD26 has Positive OFF		Model M602W has Positive OFF		Model M602TPW has Positive OFF		Model M612W has Positive OFF	
120v	22A		22A		22A		22A	
208v	22A		22A		22A		22A	
240v	22A		22A		22A		22A	
277v	18A		18A		18A		18A	
Pilot Duty	No		Yes 125VA		Yes 125VA		Yes 125VA	
Temp. Range (°F)	50°F to 80°F		45°F to 75°F		45°F to 75°F		45°F to 75°F	
Differential	+/- 5°F		+/- 4°F		+/- 4°F		+/- 2 ½°F	
Features	These economy thermostats are the snap action type that are used in apartment construction. Good thermostat for its value. Ideal for radiant cove heaters and baseboard.		These bi-metal snap-action thermostats are sensitive. Large knob allow for easy adjustment.		Same as M601W and M602W except the cover mounting cover offer tamper-proof feature.		Built-in heat anticipator assures closer control of room temperature.	





	M600MTP	M600S	T100	T200
Action	Modulation (2-stage)	Simultaneous switching (double ckt)	Snap Action with Heat Anticipator	
Type	DPST		SPST	DPST
Watt Rating				
120v	22A	22A	22A	
208v	22A	22A	22A	
240v	22A	22A	22A	
277v	18A	18A	18A	
Pilot Duty	Yes 125VA	Yes 125VA	Yes 125VA	
Temp. Range (°F)	45°F to 75°F	50°F to 80°F	50°F to 90°F	
Differential	Accuracy: Within 3°F of setpoint	Accuracy: Within 3°F of setpoint	+/- 2 ½°F	
Features	One thermostat controls two separate heating circuits and reduces input during light load periods. Second stage activates when temperature drops to approx. 1-1/2°F below the first stage turn-ON temperature.	Simultaneous control of two heating loads. Used where the total load slightly exceeds capacity of a single switch, where two thermostats are impractical. Both switches are calibrated to operate at approx. the same temperature.	Line voltage thermostat with everything; Performance, reliability, durability, and a large knob. Built-in heat anticipation assures close temperature regulation. Large knob for easy rotation.	

Controls
Specialty Controls

Scan the QR code to access additional specs and features









	WR80	JC80EP	WT11A	WT12A	LTR SERIES
Action	Snap Action Switch	Snap Action Switch	Positive snap action switch		Electronic Relays
Type	SPST	SPST	SPDT	DPST	Microprocessor base design
Watt Rating			NEMA 4X rated		These electronic relays have been designed for silent control of high voltage resistive loads from a low voltage control circuit. Inductive motor loads can also be controlled (120V to 240V only). Compatible with 24V thermostats. LTR1120: 120V; 22A LTR208240: 208V/240V; 22A LTR1277: 277V; 19A
120v	25A	22A	25A		
208v	22A	22A	25A		
240v	22A	22A	25A		
277v	18A	22A	22A		
Pilot Duty	Yes 125VA	Yes 125VA	Yes 125VA		
Temp. Range (°F)	20°F to 80°F	20°F to 80°F	40°F to 110°F	40°F to 100°F	
Differential	+/- 3°F	+/- 3.5°F	+/- 3°F		
Features	Rugged design for garages, factories, warehouses and similar commercial and industrial installations. The WR80 can control several heaters by using an external contractor.	This explosion proof room thermostat is suitable for Class 1, Group D and Class II, Groups E, F, and G locations.	Nema 4X weatherproof enclosure. The control has a SPDT output and can be used for heating or cooling (ventilation) Multi-positional mounting offers flexibility in new or existing installations.		The relays can be used with model LT186F01 electronic room sensor, providing proportional and integral control. Also can be tied to building management systems.







	LTR2240	TC1	M600THW	M600THB
Action	Dual Silent Relay	Enclosure protection for thermostats.	White thermostat cover with built-in thermometer. For M600 Series.	Beige thermostat cover with built-in thermometer. For M600 Series stats.
Type	(2) single pole switches	Material: Impact resistant polycarbonate. Clear. Dimensions are: 7" L x 4.28" H x 2.75" D		
Watt Rating	Resistive Inductive			
120v	N/A			
208v	25A 1HP, 8.8A	Thermostat enclosure kits are designed to protect the thermostat. Circulating slots allow airflow for proper operation. Guards are lockable and a key is provided to maintain security.		
240v	25A 1HP, 8A			
277v	N/A			
Pilot Duty	Yes 125VA		Minimum 50pcs. Allow 4 weeks.	
Temp. Range (°F)	20°F to 140°F			
Differential	+/- 1.5°F			
Features	This dual level temperature relay may be used to operate two separate heating loads by means of a single low voltage thermostat. Relay is mounted in an enclosure.			