



Marley
Engineered Products
An **SPX** Company

Line Voltage Thermostat Accessories

Single & Double Break

Installation Instructions

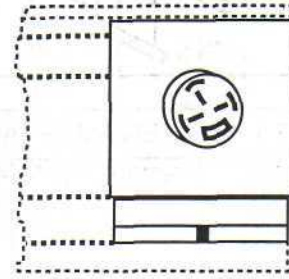
NOTE: Accessories described in this instruction manual are intended for use with Marley Engineered Products 1800, 1900, 2500, 2600, C1800 and C2500 Series Model C baseboard heaters only.

INSTALLATION

NOTE: It is recommended that no more than one thermostat

SPECIFICATIONS		
Model No.	Description	Electrical Ratings
TA1A *	Single Break	22 A
TA1TP *	Single Break, Tamper Proof	120 /277 VAC
TA2A *	Double Break	15.5 A-347 V
TA2TPA *	Double Break, Tamper Proof	10 A-600 V

* Followed by WC or NWC suffix.
Suffix should match heater suffix.



amps at 347 volts AC or 10 amps at 600 volts AC, Refer to Table 2 for correct wire, circuit breaker, or fuse sizing.

4. Connect thermostat to baseboard heater and power wiring per wiring diagram using properly sized listed wire nuts.
5. Fold wires back into wiring compartment making sure bare ground wire does not contact terminals of thermostat and install the thermostat assembly in place of the discarded compartment cover.
6. Reconnect power at main fuse or circuit breaker distribution panel.

OPERATION CHECK

1. After your electric baseboard heating system has been completely installed, all thermostats, whether mounted on the wall or in the baseboard, should be turned to LOW or NO HEAT. Then turn on breakers or install fuses. Wait 3 to 5 minutes and check to see that none of the heaters are operating. Should any of the heaters be operating, disconnect power and check your wiring. If none are operating then turn the thermostats to the highest position and wait another 3 to 5 minutes. Then check to see that all heaters are in operation. Should any not be operating, again disconnect power and check your wiring.
2. Allow entire system to operate steadily for 1/2 hour. This should remove all residue from manufacturing. (Some smoking may occur).
3. Select the setting for your comfort on all thermostats.
4. Your electric heating system has many advantages, one of which is zone or room by room control. If you desire to keep a seldom used room at a lower temperature this may be done by lowering the thermostat setting and closing the door. However, DO NOT try to control different rooms at different temperatures unless the doors are kept closed. This will tend to increase operating cost and decrease comfort. It is advisable, if rooms are kept open, that all thermostats have the same setting. By following these instructions you will enjoy greater comfort.



WARNING



This instruction sheet contains vital information for the proper installation and use of the accessories described herein. Carefully read this manual before installation, operation, or service of the accessory. Failure to follow these instructions could result in fire, electric shock, death, serious personal injury, or property damage. Save these instructions for reference by future users.

WARNING: HAZARD OF FIRE OR ELECTRIC SHOCK.

1. Be sure electric power is disconnected at main fuse or circuit breaker distribution panel before installation or servicing.
2. The installation must comply with all Local and National Electrical Codes and utility requirements.
3. Refer to installation instructions provided with the heater when installing these accessories.
4. Check accessory and heater nameplate to verify power requirements match power supply coming to heater and accessory. Make sure total power requirements do not exceed ratings of accessory.

be used in each room (or area).

1. The thermostat can be installed in either end of the heater that the power wiring is brought into.
2. Remove selected wiring compartment cover (Figure 1) and discard.
3. If the thermostat is controlling more than one heater, the total of all heater amperage ratings (Table 1) cannot exceed 22 amps at 120 volts AC thru 277 volts AC, 15.5

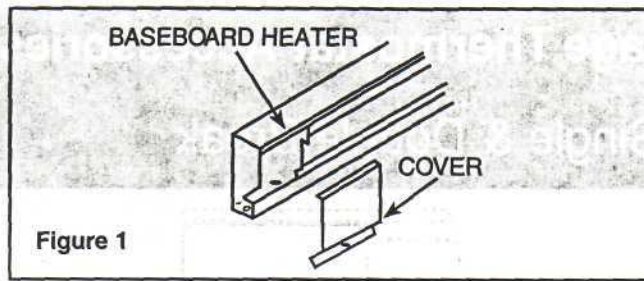
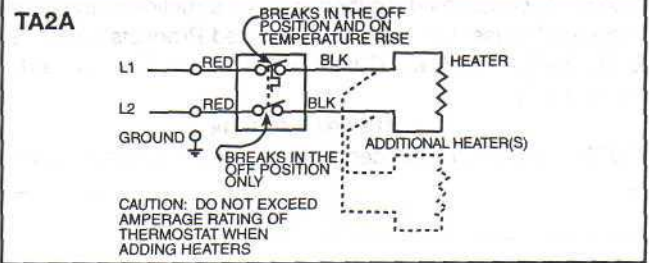
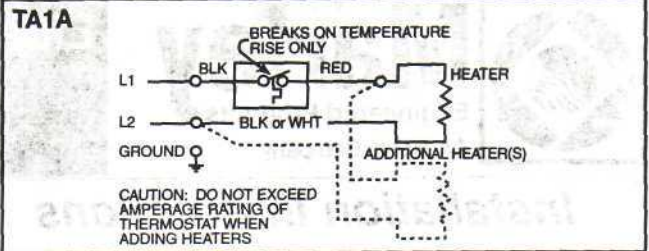


Figure 1

Residential Model No.	Residential Model No.	Commercial Model No.	120V Amps	208V Amps	240V Amps	277V Amps	347V Amps	600V Amps
-	1812 *	-	3.1	-	-	-	-	-
-	1813 *	-	4.7	-	-	-	-	-
-	1814 *	-	6.3	-	-	-	-	-
-	1815 *	-	7.8	-	-	-	-	-
-	1816 *	-	9.4	-	-	-	-	-
-	-	C1873 *	-	-	1.8	2.1	-	-
-	-	C1874 *	-	-	2.4	2.7	-	-
-	-	C1875 *	-	-	3.0	3.5	-	-
-	-	C1876 *	-	-	3.7	4.2	-	-
-	-	C1878 *	-	-	4.8	5.5	-	-
-	-	C1870 *	-	-	6.1	6.9	-	-
2612 *	2512 *	-	3.3	-	-	-	-	-
26126 *	25126 *	C25126 *	4.2	-	-	-	-	-
2613 *	2513 *	C2513 *	6.3	-	-	-	-	-
2614 *	2514 *	C2514 *	8.4	-	-	-	-	-
2615 *	2515 *	C2515 *	10.5	-	-	-	-	-
2616 *	2516 *	C2516 *	12.5	-	-	-	-	-
2602 *	2502 *	-	-	1.9	-	-	-	-
26026 *	25026 *	C25026 *	-	2.4	-	-	-	-
2603 *	2503 *	C2503 *	-	3.6	-	-	-	-
2604 *	2504 *	C2504 *	-	4.8	-	-	-	-
2605 *	2505 *	C2505 *	-	6.0	-	-	-	-
2606 *	2506 *	C2506 *	-	7.3	-	-	-	-
2607 *	2507 *	C2507 *	-	8.4	-	-	-	-
26008 *	2508 *	C2508 *	-	9.7	-	-	-	-
26008 *	25008 *	C25008 *	-	12.0	-	-	-	-
2600 *	2500 *	C2500 *	-	12.0	-	-	-	-
2642 *	2542 *	-	-	1.5	1.7	-	-	-
26426 *	25426 *	C25426 *	-	1.8	2.1	-	-	-
2643 *	2543 *	C2543 *	-	2.8	3.2	-	-	-
2644 *	2544 *	C2544 *	-	3.6	4.2	-	-	-
2645 *	2545 *	C2545 *	-	4.6	5.2	-	-	-
2646 *	2546 *	C2546 *	-	5.6	6.3	-	-	-
2647 *	2547 *	C2547 *	-	6.3	7.3	-	-	-
2648 *	2548 *	C2548 *	-	7.3	8.4	-	-	-
26408 *	25408 *	C25408 *	-	9.3	10.5	-	-	-
2640 *	2540 *	C2540 *	-	9.3	10.5	-	-	-
2672 *	2572 *	-	-	1.1	1.3	1.5	-	-
26726 *	25726 *	C25726 *	-	1.4	1.6	1.8	-	-
2673 *	2573 *	C2573 *	-	2.0	2.4	2.7	-	-
2674 *	2574 *	C2574 *	-	2.8	3.2	3.7	-	-
2675 *	2575 *	C2575 *	-	3.5	4.0	4.6	-	-
2676 *	2576 *	C2576 *	-	4.2	4.8	5.5	-	-
2678 *	2578 *	C2578 *	-	5.6	6.3	7.3	-	-
26708 *	25708 *	C25708 *	-	7.0	8.0	9.1	-	-
2670 *	2570 *	C2570 *	-	7.0	8.0	9.1	-	-
26326 *	25326 *	C25326 *	-	-	-	-	1.4	-
2633 *	2533 *	C2533 *	-	-	-	-	2.2	-
2634 *	2534 *	C2534 *	-	-	-	-	2.9	-
2635 *	2535 *	C2535 *	-	-	-	-	3.6	-
2636 *	2536 *	C2536 *	-	-	-	-	4.3	-
2637 *	2537 *	C2537 *	-	-	-	-	5.0	-
2638 *	2538 *	C2538 *	-	-	-	-	5.7	-
26308 *	25308 *	C24308 *	-	-	-	-	7.2	-
2630 *	2530 *	C2530 *	-	-	-	-	7.2	-
2664 *	2564 *	C2564 *	-	-	-	-	-	1.7
2665 *	2565 *	C2565 *	-	-	-	-	-	2.1
2666 *	2566 *	C2566 *	-	-	-	-	-	2.5
2667 *	2567 *	C2567 *	-	-	-	-	-	2.9
2668 *	2568 *	C2568 *	-	-	-	-	-	3.3
26608 *	25608 *	C25608 *	-	-	-	-	-	4.2
2660 *	2560 *	C2560 *	-	-	-	-	-	4.2

* Followed by WC or NWC suffix.

Total Amps	Minimum AWG. Wire Size	Circuit Breaker or Fuse Size
0 thru 12	#14	15 amp
12.1 thru 16	#12	20 amp
16.1 thru 24	#10	30 amp



*Single line break thermostats DO NOT have an "OFF" position and will operate at a temperature below their minimum set point.

LIMITED WARRANTY

All products covered by this instruction sheet are warranted against defects in workmanship and materials for one year from date of installation. This warranty does not apply to damage from accident, misuse, or alteration; nor where the connected voltage is more than 5% above the nameplate voltage; nor to equipment improperly installed or wired or maintained in violation of this instruction sheet. All claims for warranty work must be accompanied by proof of the date of installation.

The customer shall be responsible for all costs incurred in the removal or reinstallation of products, including labor costs, and shipping costs incurred to return products to a Marley Engineered Products Service Center, and we will repair or replace, at our option, at no charge to you with return freight paid by Marley. It is agreed that such repair or replacement is the exclusive remedy available from Marley Engineered Products.

THE ABOVE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE AFORESAID EXPRESSED WARRANTIES ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS AGREEMENT. MARLEY ENGINEERED PRODUCTS SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES ARISING WITH RESPECT TO THE PRODUCT, WHETHER BASED UPON NEGLIGENCE, TORT, STRICT LIABILITY, OR CONTRACT.

Some states do not allow the exclusion on limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state.

For the address of your nearest authorized service center, contact Marley Engineered Products, 470 Beauty Spot Road East, Bennettsville, SC 29512 USA. Merchandise returned to the factory must be accompanied by a return authorization and service identification tag, both available from the above location. When requesting return authorization, include all catalog numbers shown on the products.

HOW TO ORDER REPAIR PARTS

In order to obtain any needed repair or replacement parts, warranty service or technical information, please contact Marley Engineered Products Service Center toll-free by calling 1-800-642-HEAT.

When ordering repair parts, always give the information listed as follows:

1. The Part Number
2. The Model Number
3. The Part Description
4. Date of Manufacture



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