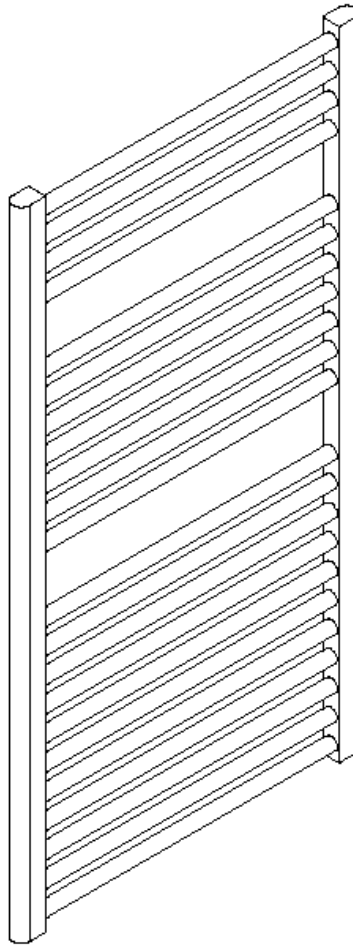


ARTOS[®]

www.artos-westover.com

Installation Guide

Denby Towel Warmer M11160W (hardwired version)



The Denby Towel Rack is intended for towel warming/drying, auxiliary heating or as a decorative product.

The average heat up time is about thirty minutes, but would depend on

- a) the size of the unit and
- b) the initial temperature of the unit.

Typically the unit is programmed to be on an hour before expected use and remain on for an hour afterwards.

The running cost of the towel rack, is usually similar to the running cost of lights in the same room.

Clean with a soft cloth and use non abrasive cleaners.

INSTALLATION

Do not connect heater to the network before having read and understood the following instructions.

Electrical and plumbing connections must be carried out by qualified personnel and the unit should be securely mounted to the wall in a vertical position. Check with local regulations to verify whether a GFI is required or not. The following pages are to assist in installation.

In case of damages or failures of the rail/connection, the towel rail should be returned to the manufacturer or their distributor. The warranty from the manufacturer is NOT VALID in case of improper use or installation. Product designed for use in Canada and USA only.

See page 4 for detailed installation steps.

TECHNICAL SPECIFICATIONS

MODEL# M11160

ELECTRIC VERSION Element specifications 400W, 110V, 48" cord, UL approved. Hardwire Kit CSA-US approved. File ref: 229718

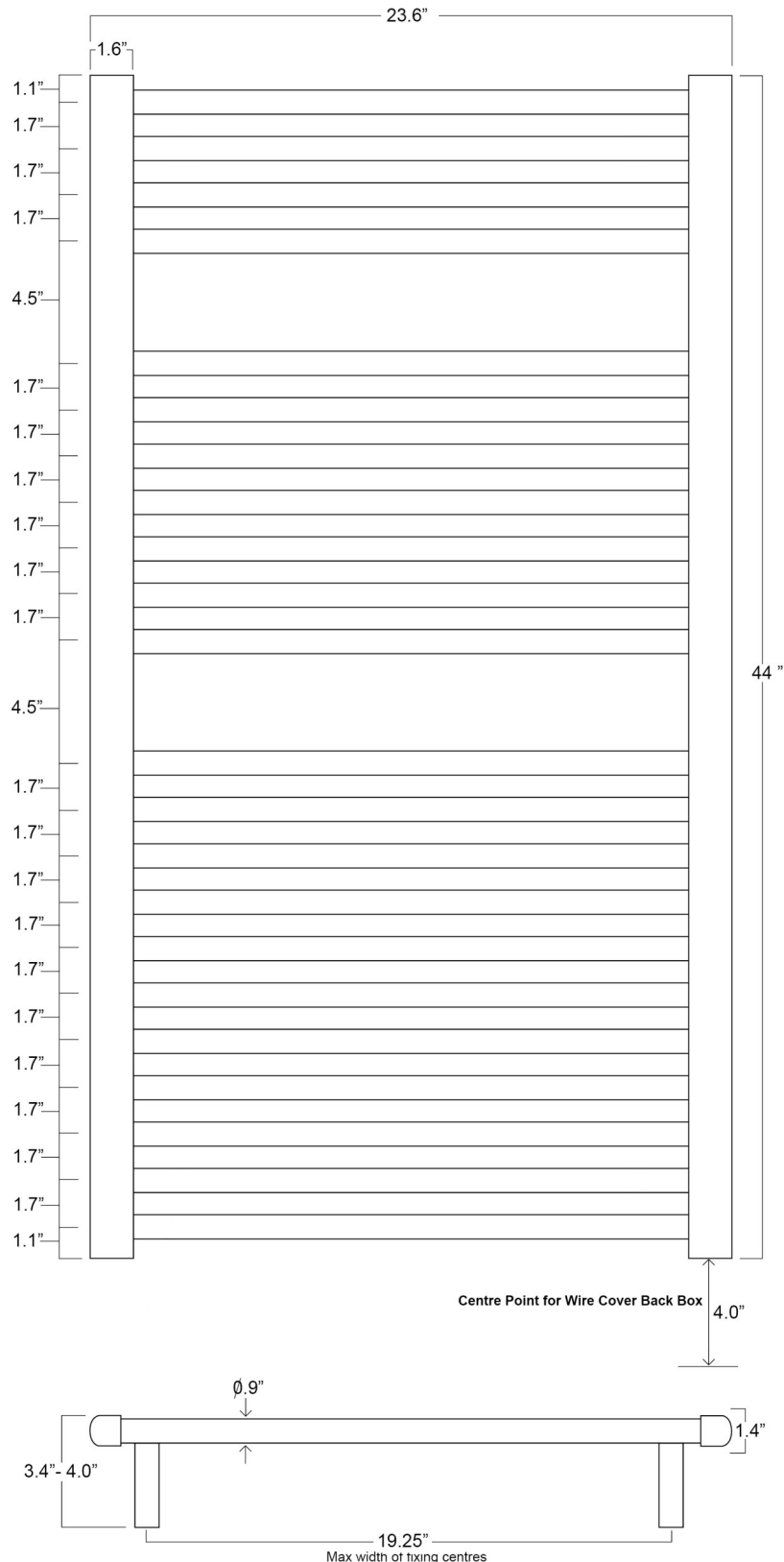
HYDRONIC VERSION Heat output 2872 BTU. 1/2" BSPT tapings. Steel towel warmers should only be used in a closed water system, incorporating a rust inhibitor.

CARE & MAINTENANCE A periodic wash using warm water and a soft cloth will retain the high quality finish of your towel warmer for many years to come. ON NO ACCOUNT should any household bleaches, detergents, abrasive polish, steel wool or similar cleaning agents be used on this product.

WALL FIXING Towel warmer brackets must be securely fastened to either masonry, wall studs or plywood board in accordance with the fitting instructions.

PACKAGING Packaged for regular UPS type shipping.

WARRANTY Frame 5 years – Heating element 5 years.

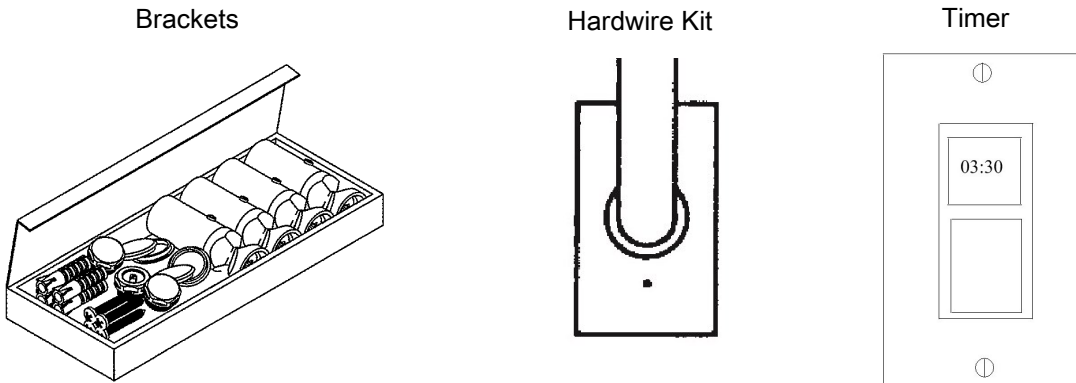


Position mounting brackets as near to each edge as possible and between the first or second cross bars

NOTE: Towel warmer *must* be installed so that electrical cord comes out of the **BOTTOM RIGHT** of the unit.

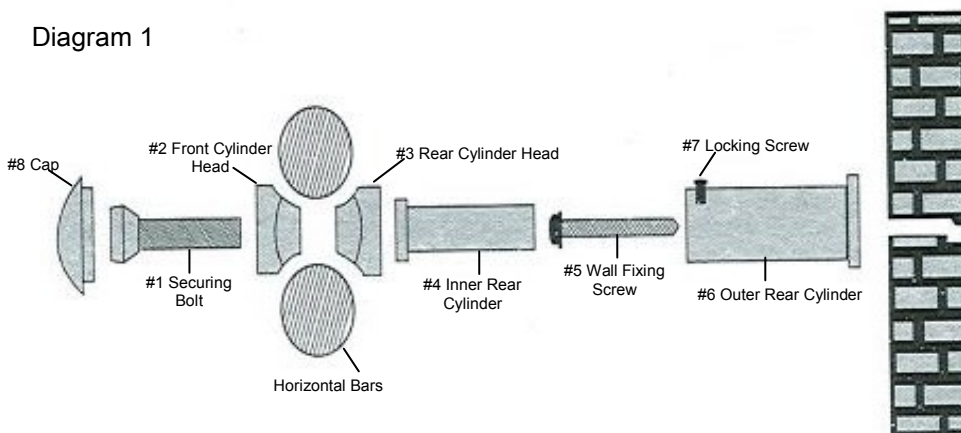
INSTALLATION STEPS

1. Check that all the installation pack contents have been received. There should be 3 items as shown below:



2. DISCONNECT POWER SUPPLY. Connect timer to power supply. The timer can be placed anywhere in the room (recommended beside the light switches). Refer to instructions provided on pages 6 & 7 as a guide.
3. Determine location of towel warmer and provide a single gang electrical box 4" below bottom right of towel warmer (see spec. sheet). **Note: where possible, attach at least two of the brackets to a firm wall stud.**
4. Attach bracket pieces 1,2,3, and 4 to towel warmer using diagram 1 below as a guide. Typically the brackets are positioned between the 2nd and 3rd bars from the top and bottom. To allow maximum hanging space for the towel, position brackets as near to the edges as possible.

Diagram 1



INSTALLATION STEPS

5. Determine location of #6 outer rear cylinder by measuring the brackets attached to towel warmer. Attach #6 cylinder to wall with hole for #7 locking screw facing down on the bottom brackets and facing up on the top brackets.
6. Feed the wire from the towel warmer through the tube from the hardwire kit, and slide wall plate onto the tube.
6. Attach upper brackets with locking screw #7, **leaving lower brackets free at this time.**
7. Connect wire from towel warmer to the wire coming from the timer. Use the instructions provided on pages 6 & 7 as a guide.
8. Push tube up towel warmer cord, over plastic sleeve, until it touches the hexagonal chrome collar.
9. Push towel warmer onto the bottom brackets and screw mounting plate to the outlet box using the screws provided.
10. Insert lower locking screws (#7). Snap on caps #8.
11. Reconnect power supply. Program timer using the instructions provided on pages 6 & 7 as a guide. Towel warmer will take approximately 30 minutes to heat up to full temperature.
12. ENJOY!

IN-WALL DIGITAL TIMER

HEAVY DUTY



IIIWoods®

Model 59018/59028 7-Day Digital Timer

WARNING: INSTALLATION SHOULD BE MADE BY A LICENSED ELECTRICIAN.

Installation Procedure:

1. Turn the power OFF at the circuit breaker or remove the fuse.
2. Remove existing wall plate and switch if applicable.
3. **Ensure NEUTRAL (WHITE) wire is present in the junction box. If this wire is not present, additional wiring will be necessary before installation can be completed.**
4. Strip 3/8" insulation from each wire, which is required for installation.
5. Connect the **WHITE** wire from the TIMER to the **WHITE** wire(s) in the junction box. Secure connection using the wire connector (splice wire if necessary) included in the package.
6. Connect the **BLACK** wire from the TIMER to the **BLACK (HOT)** wire (previously connected to the switch) and connect the **RED** wire from the TIMER to the second **BLACK** wire (previously connected to the switch).

NOTE: If not sure which **BLACK** wire is (**HOT**), connect as described in step six. If the screen is blank after the power is turned on, reverse the **BLACK** wires.

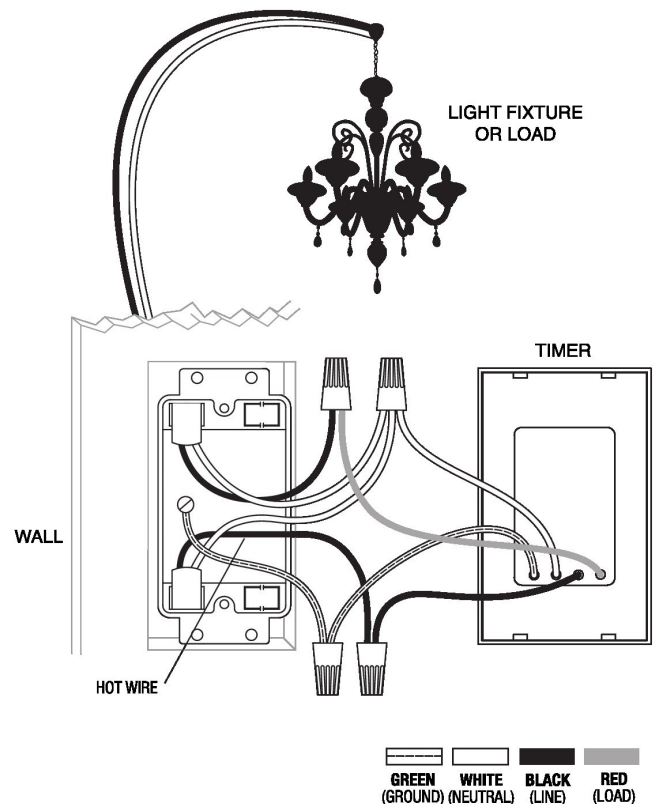
7. Connect **GROUND (GREEN)** wire to grounding screw in the box. If using a plastic box, cap-off wire with wire connector.
8. Carefully shift all wires to provide room for TIMER in the junction box.
9. Secure TIMER to box with screws included and install cover plate.
10. Reconnect your electrical power.

Power-up Sequence:

1. Open the TIMER door on the front
2. Press the "RESET" button using a toothpick.
3. The display should flash 12:00 AM on Monday.

In the event that the screen is blank, check the following:

1. Check the 120VAC power source.
2. Check the red, black, and white wires on the TIMER to make sure they are connected properly to the red, black, and white wires coming out of the electrical box.
3. Check the red wire or LOAD wire connection to the TIMER.



Manual Override:

Pressing the TIMER will alternate the ON or OFF.

Initial Startup:

When you initially program the unit, it may be necessary to press the "MANUAL OVERRIDE" key as the unit will not look back to determine if it should be ON. For example, if the current time is 2:00 PM and you just programmed the unit to turn ON at 1:00 PM, you will need to press the "MANUAL OVERRIDE" key to turn it ON. Thereafter, the unit will resume normal operation (automatic).

Memory Backup:

The TIMER is equipped with a rechargeable Ni-Mh battery which will protect your programs during power failure for up to 30 days. No need to replace battery.

NOTE that the screen blanks during a power failure.

Operating Procedure:

Setting Current Time:

1. Press and HOLD the "CLOCK" key during this entire procedure.
2. Press the "HOUR" key to advance the hours.
3. Press the "MIN" key to advance the minutes.
4. Press the "DAY" key to advance the day.
5. If any keys are pressed for a prolonged period, the display will advance rapidly.
6. Release the "CLOCK" key once the time and day have been entered. Now the timer is in operation and ready to be programmed. The colon ":" after the hours will continuously flash indicating that the time is advancing.

Programming ON/OFF Events:

1. Press the "PROG" key once. TIMER 1 ON -- : -- appears.
2. Using the "HOUR" and "MIN" keys enter the desired ON time. By default all days are indicated. When complete press the "PROG" key once.
3. Timer OFF -- : -- will be displayed. Using the "HOUR" and "MIN" keys enter the desired OFF time. By default all days are indicated. When complete press the "PROG" key once.
4. If complete press the "CLOCK" key to return to current time and day.
5. Note that a total of 7-ON and 7-OFF events can be programmed.

Block Programming:

1. When programming ON/OFF events, all days are indicated by default. To change the day selection simply keep pressing the "DAY" key and the display will change as follows:
2. Individual Day (MON, TUE, etc.)
3. MON-FRI; SAT-SUN; MON-SAT; MON-SUN
4. MON-WED-FRI; TUE-THU-SAT
5. MON-WED; THU-SAT
6. Follow the steps above to complete programming.

Review Programs:

1. To review the programs that have been entered simply press and release the "PROG" key. Each time you do this you will be able to scroll thru the programs.
2. Any program can be edited simply by pressing the "HOUR", "MIN" and "DAY" keys. Then press "PROG" key in order to accept the changes.
3. When complete, press the "CLOCK" key to return to current time and day.

Deleting Programs:

1. To delete a particular program simply press the "PROG" key until the desired program is displayed.
2. Then press and hold the "MODE" button. Then press the "PROG" key in order to delete this particular program.
3. When complete, press the "CLOCK" key to return to current time and day.

Operating the Time Switch:

1. Press the "MODE" button repeatedly to set the timer to Automatic, Random or Manual mode.

Note: For the time switch to run programmed events, it must be set to "AUTO" mode.

- **AUTO** – runs all events automatically, according to the schedule you have set. The word "AUTO" appears in the display.
- **RND (RANDOM)** – runs all events in a RANDOM mode. This is a security feature in which ON and OFF times randomly differ +/- 15 minutes from the programmed times, creating a more "lived-in" look. The "RDM" appears in the display.

Note: DO NOT set the ON/OFF events within 30 minutes of less from one another if you are going to use this timer in RANDOM MODE. The RANDOM MODE is +/- 15 minutes of programmed times and may overlap one another, causing the timer to possibly not work as desired.

- **MANUAL** – turns ON and OFF only when the user presses the "ON" or "OFF" button. The display is blank, showing neither "RDM" or "AUTO".

Electrical Ratings:

125V / 60Hz
15A / 1875W Resistive (general purpose)
8A / 1000W Tungsten (lighting)
8A Standard Ballast Load
1/4 HP



Coleman Cable, Inc.
Waukegan, IL 60085
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ARTOS[®] Towel Warmer Warranty

Item No: M11160W-

Serial No:

This warranty covers against defective product for a period of five years. If a heating element is installed, this is covered for a period of five years.

Under the warranty we will provide replacement components or product at our discretion.

Westover, Inc is not responsible for labor charges connected with removal or installation.

PLEASE REGISTER THIS PRODUCT ONLINE AT WWW.ARTOS-WESTOVER.COM