TUZIO®

*From Zero to Zen*

# TRENTO TOWEL WARMER

## INSTALLATION GUIDE

H95103 / H95105
19.5″ x 37″ Hydronic

ICO®

877-757-8930
www.icobath.com

# Rough In - Constant Heating System

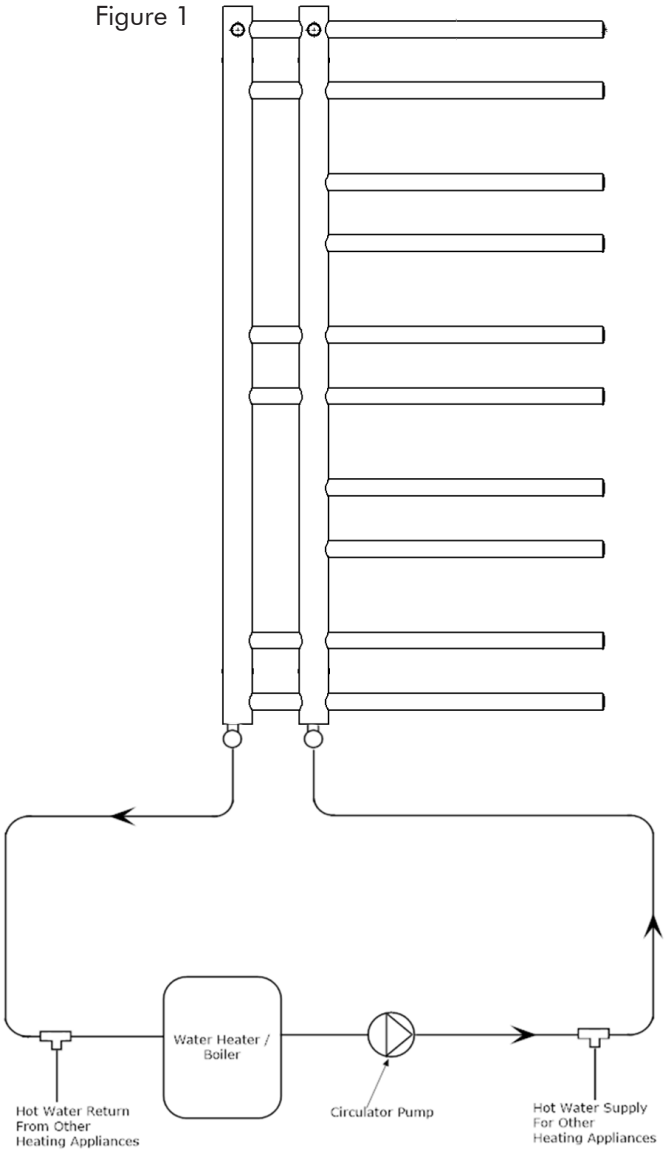
## STEP 1

### Rough-in Requirements for Constant Circulation Heating System (see figure 1)

Using this installation method, the towel warmer is controlled using the valves attached to the towel warmer, and can be operated independently from the heating system. This method of installation is popular where there are multiple heating appliances connected to a closed hot water heating system, and electronic control of the individual towel warmer is not important. Thermostatic valves are recommended in these installations. (see figure 5)

1. Install heating system pipework to proposed towel warmer location and tee off the main circuit to provide a branch circuit for the towel warmer. Piping to towel warmer valves should be 1/2" copper.
2. If towel warmer supply pipes are coming through wall, rough-in pipes as per locations shown on fig 4. If towel warmer supply pipes are coming through floor, rough-in pipes as per locations shown on fig 7.
3. If a hydronic installation pack is being used (see figs 5 & 8), these should be connected (solder connected) within the wall / floor. If a hydronic installation pack is not being used (see figs 6 & 9), these 1/2" copper supply lines should protrude through wall/floor in order to connect to towel warmer valves.
4. Wall studs or plywood backing is required in the wall at all bracket locations. See figure 4 for bracket locations.

Figure 1



# Rough In - Dedicated Heating System

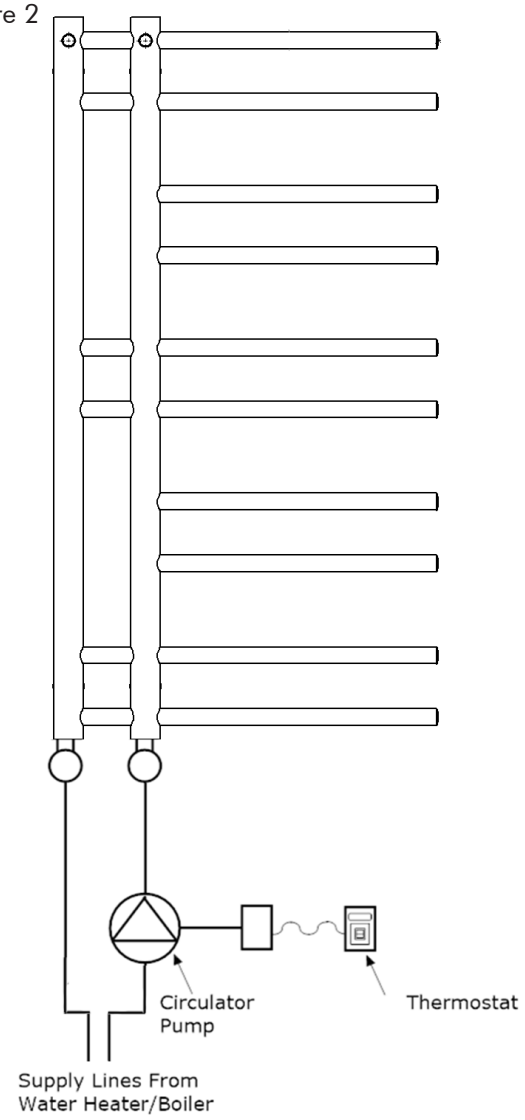
## STEP 1

### Rough-in Requirements for Dedicated Circulation Heating System (see figure 2)

Using this installation method, the towel warmer is controlled using the thermostat wired to the circulator pump, and cannot be operated independently from the heating system. This method of installation is popular where there is only one heating appliance connected to a closed hot water heating system, and electronic control of the individual towel warmer is required.

1. Install heating system pipework to proposed towel warmer location. Piping to towel warmer valves should be 1/2" copper.
2. If towel warmer supply pipes are coming through wall, rough-in pipes as per locations shown on fig 4. If towel warmer supply pipes are coming through floor, rough-in pipes as per locations shown on fig 7.
3. If a hydronic installation pack is being used (see figs 5 & 8), these should be connected (solder connected) within the wall / floor. If a hydronic installation pack is not being used (see figs 6 & 9), these 1/2" copper supply lines should protrude through wall/floor in order to connect to towel warmer valves.
4. Wall studs or plywood backing is required in the wall at all bracket locations. See figure 4 for bracket locations.

Figure 2



# Towel Warmer Installation Procedure

## STEP 2

### Installation Instructions (see figure 3)

1. Check all items have been received. You should have Towel Warmer and mounting bracket kit. Read all instructions before continuing.
2. Fix wall supports "B" including collar "A" to the wall using the screws provided and in locations as shown on figure 2.
3. Screw the threaded pin "C", into the threaded bushing "D".
4. Hang and adjust the Towel Warmer using set screws "E" to lock pin "C" in the wall bracket "B". Ensure the Towel Warmer is firmly and safely fixed.

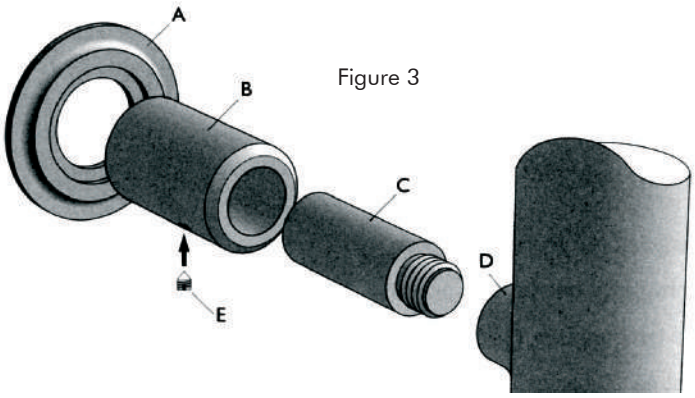



Figure 3



## STEP 3

### Valve Connection (see figures 5, 6, 8 or 9)

1. If using a hydronic installation pack, slide escutcheon (supplied with hydronic installation pack) over 1/2" supply pipe.
2. Unscrew male threaded components including collars from valve and thread into female inlets at bottom of towel warmer using a 12mm allen key wrench.
3. Push compression fitting on to 1/2" supply pipe and tighten 1/2" compression fitting collar on valve.
4. Seat male threaded component (now connected to towel warmer) on valve and tighten collar.
5. Insert blank plug and air vent plug (supplied with bracket kit) into top female inlets on towel warmer.
6. Check for leaks and bleed system if necessary using air vent plug.

Warning: All hydronic plumbing connections should be made in accordance with local and national plumbing regulations. It is the responsibility of the plumber to ensure plumbing system and towel warmer installation comply with these regulations. Hydronic towel warmer should be used only on a closed system incorporating an anti-rust inhibitor

# Technical Drawing
# Wall Rough In

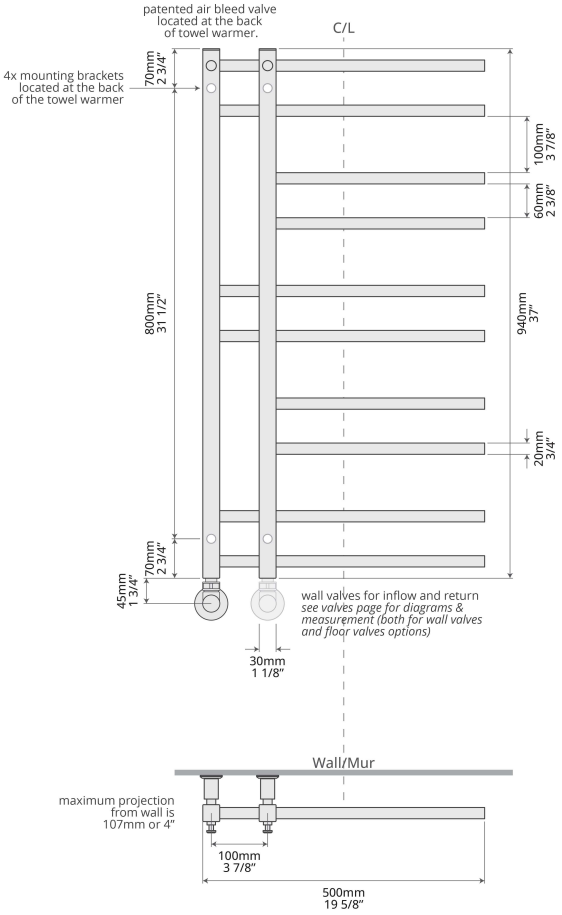
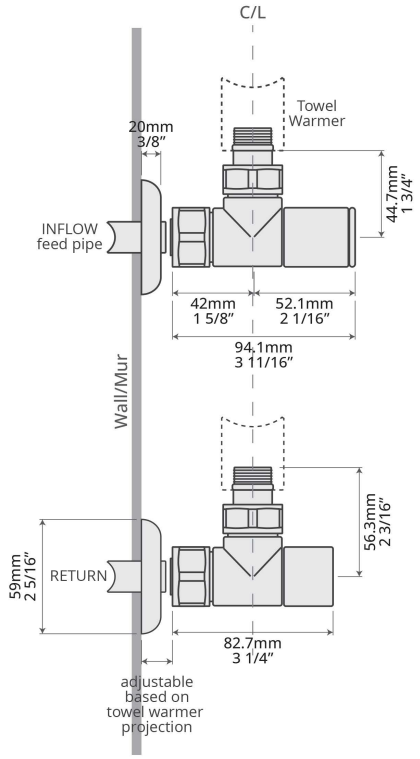



Figure 5



Figure 6






Warning: In case of damage or failure of the towel warmer the unit should be returned to the manufacturer or their distributor. The warranty of 2 years on the heating element and limited lifetime on the towel warmer frame is NOT VALID in case of improper use or installation. **Do not hang towel warmer upside down.** Product is designed for use within Canada and the United States only.

# Specifications
# Wall Rough In

| Model # | Description | Finish | Weight (lb) | Output (BTU) | WxH (mm) | WxH (Inches) | Metal Type |
|---|---|---|---|---|---|---|---|
| H95103 | Trento Hydronic | Chrome | 23 | 658 | 500 x 940 | 19.5″ x 37″ | Mild Steel |
| H95105 | Trento Hydronic | Matte Black | 23 | 999 | 500 x 940 | 19.5″ x 37″ | Mild Steel |
| A1043 | Thermostatic Angle Valve | Chrome | 2 | - | - | - | Brass |
| A1045 | Thermostatic Angle Valve | Matte Black | 2 | - | - | - | Brass |
| A3103 | 24″ Installation Pack | Chrome | 1 | - | - | - | Copper |
| A3105 | 24″ Installation Pack | Matte Black | 1 | - | - | - | Copper |

**Material Specifications:** Mild Steel - Din 2394 Quality - ST 34-2 KB

**Warranties:**

- **Towel Warmer Frame:** Limited lifetime warranty. Refer to www.icobath.com for full warranty coverage details.

**Fixings:** Screws, and Fixings are included

**Hydronic System:** Hydronic towel warmer should be used only on a closed system incorporating an anti-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 polishes, steel wool or other cleaning agents be used on this item.

**IMPORTANT:** Circuit temperature must not exceed 158° Fahrenheit.

# Technical Drawing
# Floor Rough In

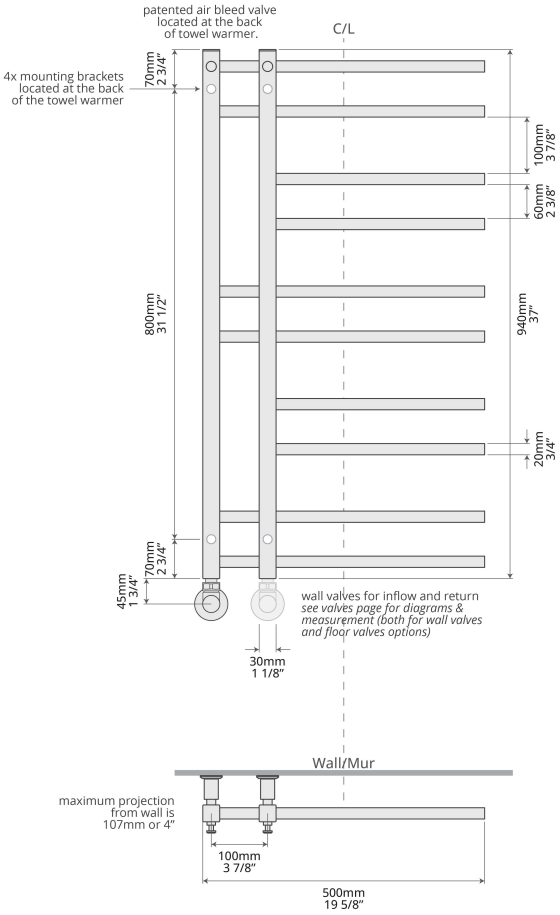
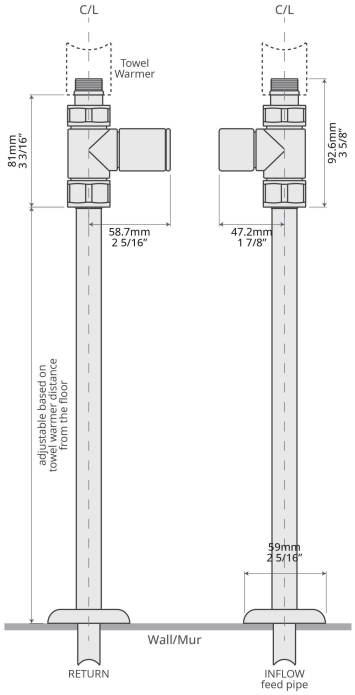



Figure 8



Figure 9





# Specifications
# Floor Rough In

| Model # | Description | Finish | Weight (lb) | Output (BTU) | WxH (mm) | WxH (Inches) | Metal Type |
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| A1053 | Thermostatic Straight Valve | Chrome | 2 | - | - | - | Brass |
| A1055 | Thermostatic Straight Valve | Matte Black | 2 | - | - | - | Brass |
| A3103 | 24″ Installation Pack | Chrome | 1 | - | - | - | Copper |
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