Installation Instructions
Radiance™ Towel Warmers (#74123/74124)

Guidelines

- The Towel Warmer is made of **steel** and is **not approved for direct potable water connection**. If a domestic hot water tank is used as a heat source, a heat exchanger is required.
- Water temperature to the Towel Warmer is recommended no higher than 150°F (66°C).
- Radiance™ Towel Warmers take 20 to 30 minutes to heat towels properly.
- Radiance™ Towel Warmers can be operated continuously.
- Radiance™ Towel Warmers can be used with controls other than those suggested below.
- Larger areas may require more than one Towel Warmer to provide sufficient room temperatures (large bathrooms, spas).

Pre installation

Unpack the Radiance™ Towel Warmer, avoid damage, check packaging to make sure no parts are missing or unintentionally discarded.

#74123 Included Accessories
1 - manual air vent
1 - plug
3 - fitting legs
3 - mounting hardware
2 - #61116 - 90° angle 1/2" Return Connector (nickel plated)

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Optional Accessories *(not included)*:
#68005 - PEX Compression 1/2" PEX × 1/2" MIP adapter (if using PEX Pipe)
#62116 - 90° Angle 1/2" Radiator Valve (nickel plated)
#62216 - Straight 1/2" Radiator Valve (nickel plated)
#61016 - Straight 1/2" Return Connector (nickel plated)
#57091 - Thermostatic Head

The Radiator Valve (#62216 or #62116) can be controlled manually or automatically with an optional Thermostatic Head. The #57091 Thermostatic Head is a nonelectric control that maintains a selectable air temperature from 61-82°F (16-28°C); it takes 24 minutes to close from full open or vice versa.

Cleaning

Both towel warmer models come in a durable white powder finish. To clean the unit, shut off hot water to the unit and let the unit cool down to room temperature. Use a *soft non-abrasive* cloth with a standard *non-toxic, non-abrasive* household cleaner.

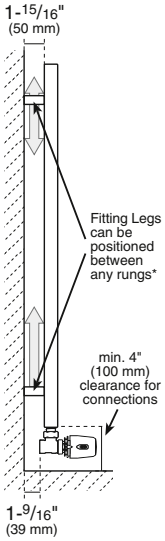
Radiance™ Towel Warmer #74123

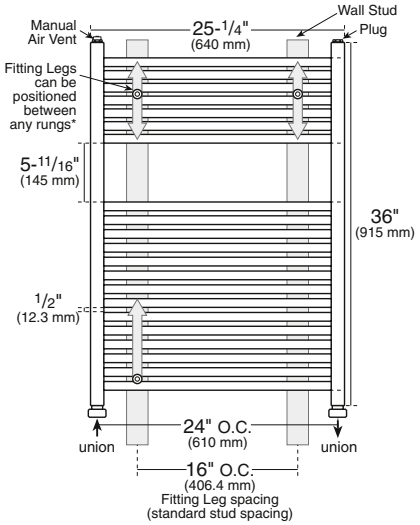


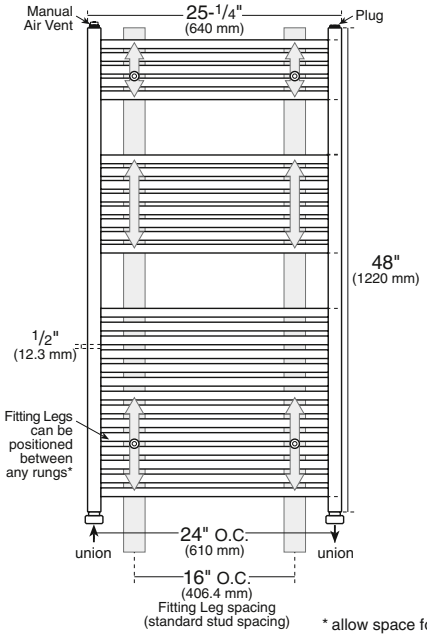
Safety

Avoid prolonged physical contact with the Towel Warmer, and the radiator (supply) valve; temperatures exceeding 140°F (60°C) can cause burns. Proper caution should be taken with children. Depending on fastening method used on the towel warmer, additional loads no more that 20 lb (9 kg) are suggested (e.g. towels, clothes, wet towels); *Under no circumstances* should the towel warmer be used as a support or leverage (towel warmer is **not** meant to be handrail). *Under no circumstances* should water be mixed and circulated back into the domestic potable water supply.

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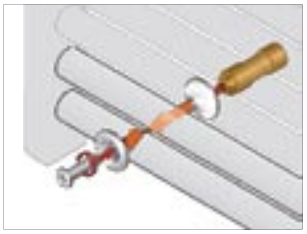
* allow space for draping towels

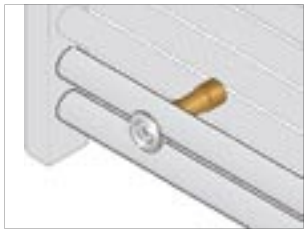
Installation

① The Towel Warmer must be positioned a minimum of 4" above the floor surface to provide clearance for connections.

② Towel Warmer Fitting legs must be fastened to the wall studs (or equally supportive material) for best results. Locate studs first then determine distance between centers (16" [406.4 mm] O.C. is the suggested standard). Mark stud centers with a *washable* marker. With a level, mark down on the wall where you want the base of the Towel Warmer.

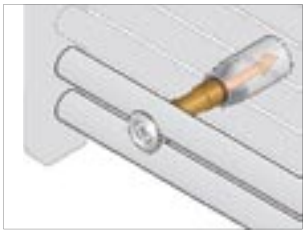
③ From the Towel Warmer's base decide which two (2) adjacent rungs to place the lower Mounting Hardware on (one for #74123 or two Legs for #74124), mark down on the wall the vertical centers for the Fitting Leg locations.





④ Before placing Fitting Legs, visually check Fitting Leg locations by placing Towel Warmer over base marking on the wall. If location is desired, mount Fitting Legs.
The supplied bolt is for masonry. Use standard flathead wood screw for studs. The Fitting Leg allows for adjustment when mounting on uneven mounting surfaces. A gap may be visible between the Towel Warmer and Fitting Legs.

⑤ With the help of an assistant, use Mounting Hardware to fix the Towel Warmer to the Fitting Legs.





⑥ The Return Connector nipples are permanently attached to the Towel Warmer. Seal the union connection to the Return Connector body with pipe dope.

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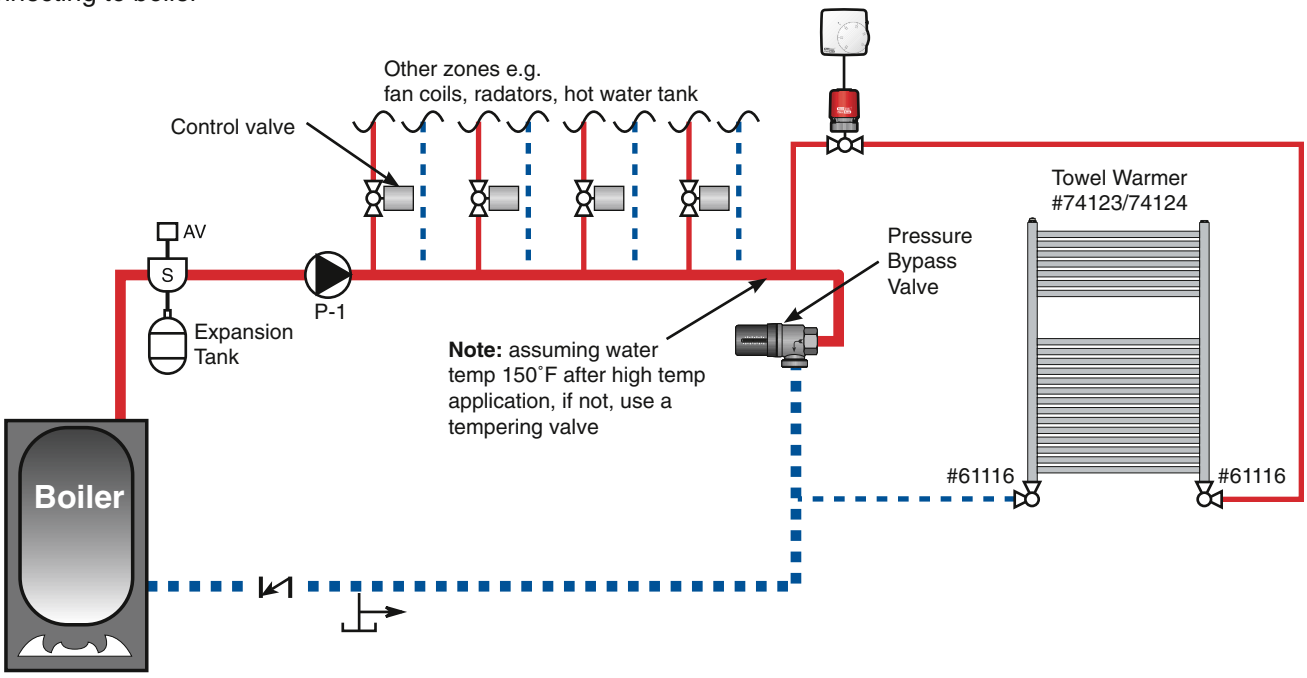
Operation

The use of **a heat exchanger is required when using a domestic hot water tank**. Rated heat outputs of Radiance towel warmers operating at 150°F (66°C) in an air space of ambient temperature at 70°F(21°C) [i.e. at a ΔT of 80°F (44°C)] are as below.

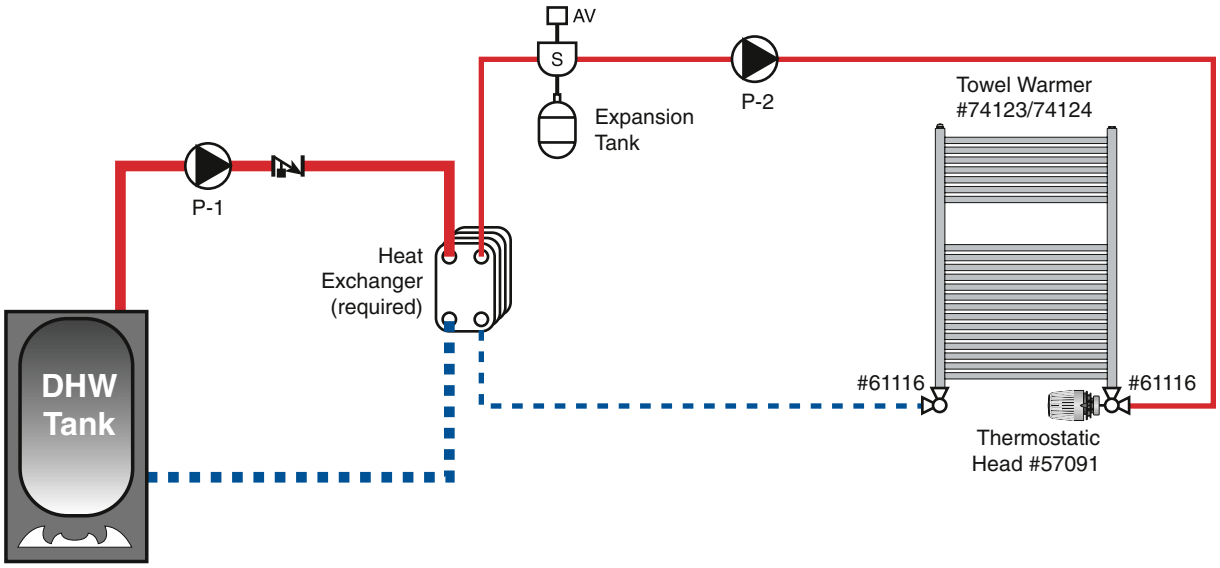
#74123 Total heat output = 1,980 Btu/h
#74124 Total heat output = 2,560 Btu/h

Piping Suggestions

1. Connecting to boiler



2. Connecting to domestic hot water tank/electric heater



3. Connecting to boiler via manifold

