

# BUILT-IN THERMOSTAT INSTALLATION

## T12 SERIES

INSTALLATION ON LEFT SIDE - POWER ON LEFT SIDE



### WARNING

Before installing and operating this product, the user and/or installer must read, understand and follow these instructions and keep them handy for future reference. If these instructions are not followed, the warranty will be considered null and void and the manufacturer deems no further responsibility for this product. The following instructions must be adhered to in order to avoid personal and serious injuries, property damages and potentially fatal electric shocks. Switch off the power at the circuit breaker/fuse before installing, repairing and cleaning the unit. Make sure the unit is appropriate for the intended use (if needed, refer to the product catalog or a representative).

1. Remove the grille and the junction box cover.
2. Install the two black electrical conductors on the thermostat using two screws provided in the kit. FIG. 1
3. Insert a black insulation shrink sleeves on the wires coming off of the thermostat including the screws and heat them with a heat source. FIG. 2
4. Insert the thermostat in the existing holes in the junction box and install using the No.10 screws supplied in the kit. FIG. 3
5. Using the white strapping supplied in the kit, insert the thermostat bulb and affix it to the housing of the unit using a screw. FIG. 4
6. Connect the black wire from the thermostat over the heating element. FIG. 5
7. Connect the wire coming out of the wireway to power (L2/N) and the other thermostat wire to power wire (L1).
8. Re-install the junction box cover and the grille.



FIG. 1



FIG. 2



FIG. 3

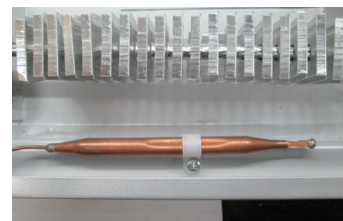


FIG. 4

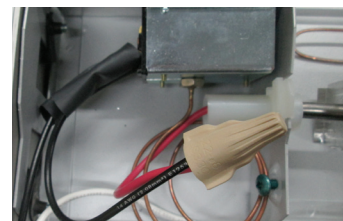
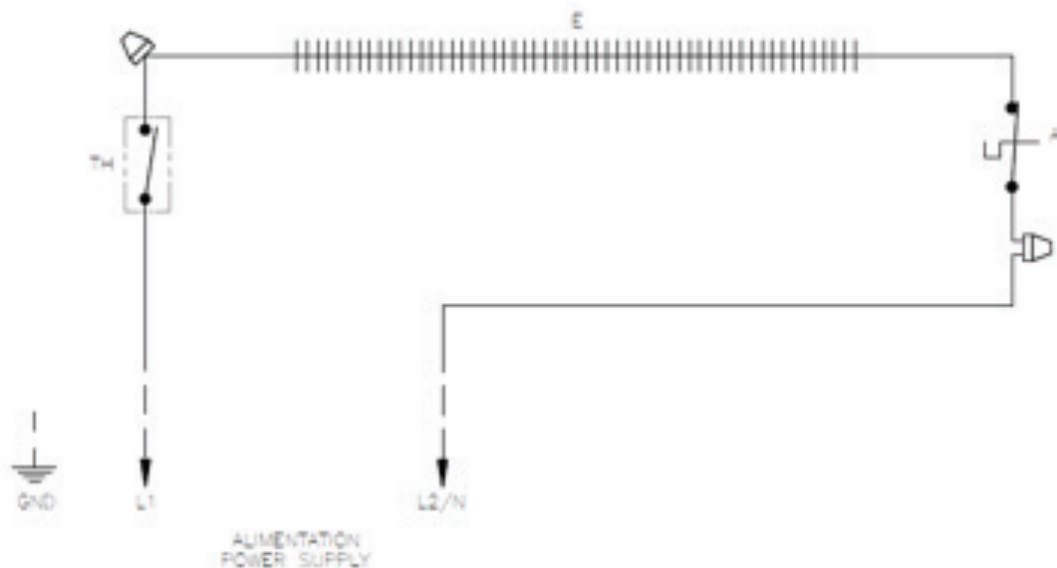


FIG. 5



# BUILT-IN THERMOSTAT INSTALLATION

## T12 SERIES

INSTALLATION ON LEFT SIDE - POWER ON RIGHT SIDE



### WARNING

Before installing and operating this product, the user and/or installer must read, understand and follow these instructions and keep them handy for future reference. If these instructions are not followed, the warranty will be considered null and void and the manufacturer deems no further responsibility for this product. The following instructions must be adhered to in order to avoid personal and serious injuries, property damages and potentially fatal electric shocks. Switch off the power at the circuit breaker/fuse before installing, repairing and cleaning the unit. Make sure the unit is appropriate for the intended use (if needed, refer to the product catalog or a representative).

1. Remove the grille and the junction box cover.
2. Install the two black electrical conductors on the thermostat using two screws provided in the kit. FIG. 1
3. Insert a black insulation shrink sleeves on the wires coming off of the thermostat including the screws and heat them with a heat source. FIG. 2
4. Insert the thermostat in the existing holes in the junction box and install using the screws supplied in the kit. FIG. 3
5. Using the white bushing supplied in the kit, insert the thermostat bulb and affix it to the housing of the unit using a screw. FIG. 4
6. Connect the black wire from the thermostat over the heating element by using an appropriate wire nut and the wire coming from the wireway to the other thermostat wire. FIG. 5
7. Connect the unit according to the wiring diagram below
8. Re-install the junction box cover and the grille.



FIG. 1



FIG. 2



FIG. 3

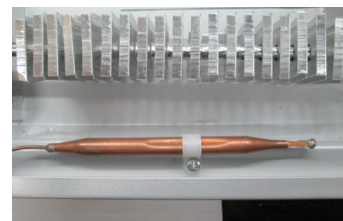


FIG. 4

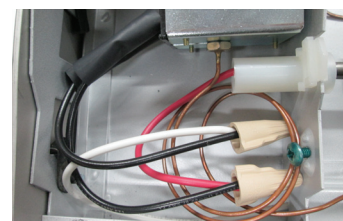
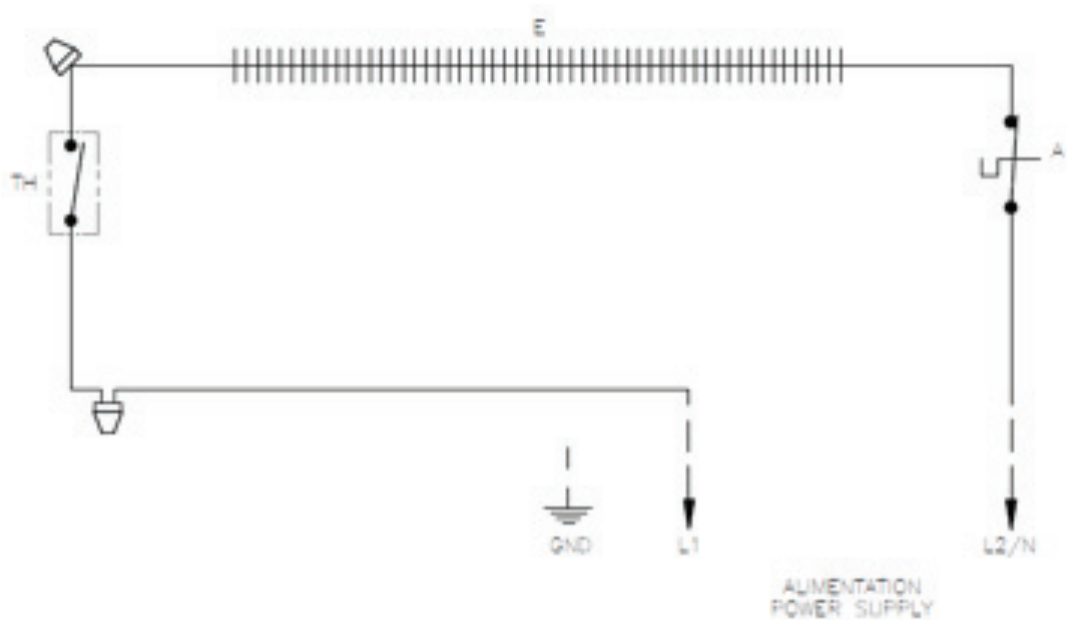


FIG. 5



# BUILT-IN THERMOSTAT INSTALLATION

## T22 SERIES

INSTALLATION ON LEFT SIDE - POWER ON LEFT SIDE



### WARNING

Before installing and operating this product, the user and/or installer must read, understand and follow these instructions and keep them handy for future reference. If these instructions are not followed, the warranty will be considered null and void and the manufacturer deems no further responsibility for this product. The following instructions must be adhered to in order to avoid personal and serious injuries, property damages and potentially fatal electric shocks. Switch off the power at the circuit breaker/fuse before installing, repairing and cleaning the unit. Make sure the unit is appropriate for the intended use (if needed, refer to the product catalog or a representative).

1. Remove the grille and the junction box cover.
2. Install the two black conductors on the right side of the thermostat with the two screws provided in the kit. Install the two red conductors on the left side of the thermostat with the two screws supplied in the kit. FIG. 1
3. Insert the black insulation shrink sleeves on the 2 central wires coming off of the thermostat including the screws and heat them with a heat source. FIG. 2
4. Overlap the plastic separator on the thermostat then insert the thermostat in the existing holes on top of the junction box and install with the appropriate screws supplied in the kit. FIG. 3
5. Using the white bushing strapping in the kit, insert the thermostat bulb and affix it to the housing of the unit using a screw. FIG. 4
6. Connect the heating element wire to one of the red wires of the thermostat by using an appropriate wire nut. FIG. 5
7. Connect the wire coming out of the way to the black wire of the thermostat. FIG. 6
8. Connect the other black thermostat wire to one of the power wires (L2/N) and the other red thermostat wire to the other power wire (L1), according to the wiring diagram.
9. Re-install the junction box cover and the grille.

**Note:** DO NOT FORGET TO REMOVE THE COVER ON THE PLASTIC SEPARATOR

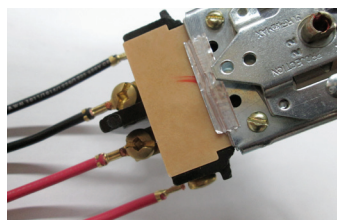


FIG. 1

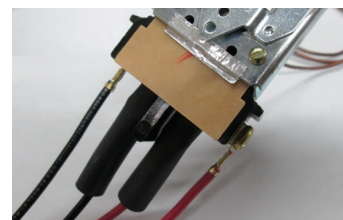


FIG. 2

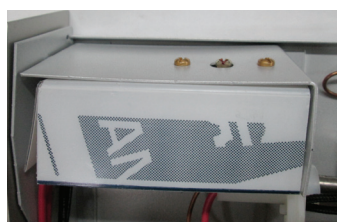


FIG. 3

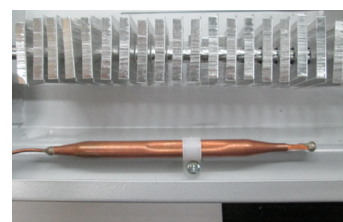


FIG. 4



FIG. 5

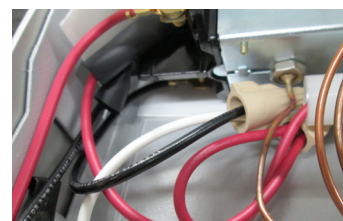
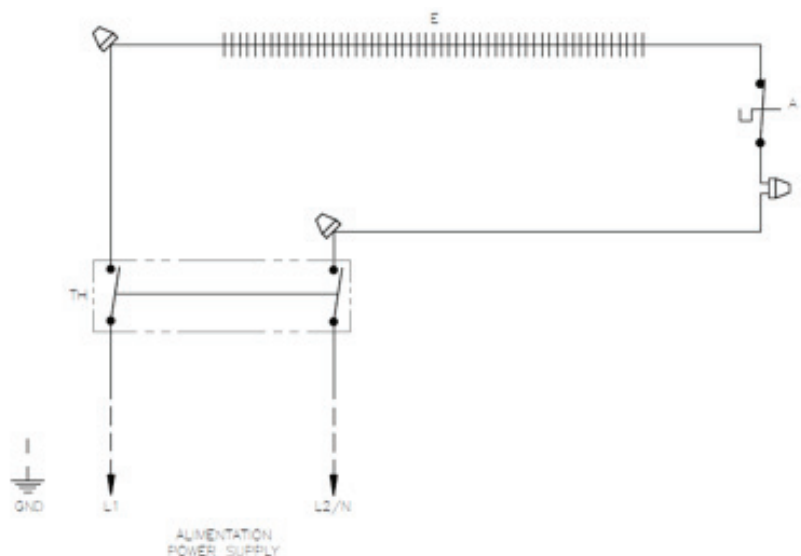


FIG. 6





# BUILT-IN THERMOSTAT INSTALLATION

## T22 SERIES

INSTALLATION ON LEFT SIDE - POWER ON RIGHT SIDE



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1. Remove the grille and the junction box cover.
2. Install the two black conductors on the right side of the thermostat with the two screws provided in the kit. Install the two red conductors on the left side of the thermostat with the two screws supplied in the kit. FIG. 1
3. Insert the black insulation shrink sleeves on the two (2) central wires coming off of the thermostat including the screws and heat them with a heat source. FIG. 2
4. Overlap the plastic separator on the thermostat then insert the thermostat in the existing holes on top of the junction box and install with the appropriate screws supplied in the kit. FIG. 3
5. Using the white strapping supplied in the kit, insert the thermostat bulb and affix it to the housing of the unit using a screw. FIG. 4
6. Connect the wire coming out of the wireway to the black wire of the thermostat. FIG. 5
7. Connect one of the red wires of the thermostat with the heating element wire by using an appropriate wire nut. FIG. 6
8. Pass 2 wires (TEW105) in the wireway. FIG. 7
9. Connect one of the (TEW105) wires to a red wire of the thermostat, FIG. 8 and connect the other side of the wire to a power wire. FIG. 9
10. Connect the second (TEW105) wire to the other black thermostat wire, FIG. 10 and connect the other side of this (TEW105) wire to a power wire, FIG. 11 according to the wiring diagram.
11. Re-install the junction box cover and the grille.

**Note:** DO NOT FORGET TO REMOVE THE COVER ON THE PLASTIC SEPARATOR

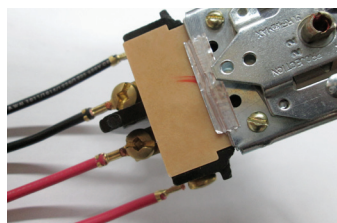


FIG. 1

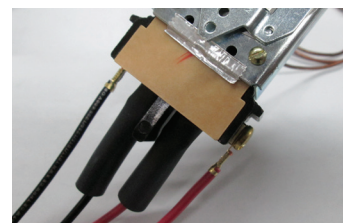


FIG. 2

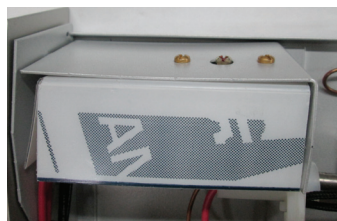


FIG. 3

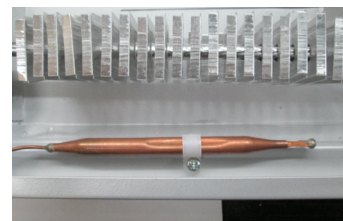


FIG. 4

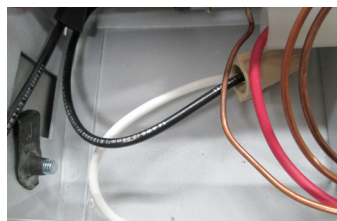


FIG. 5



FIG. 6

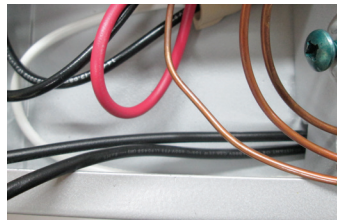


FIG. 7

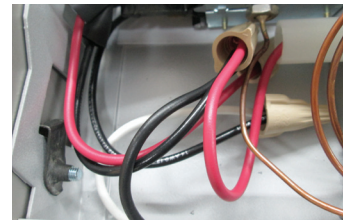


FIG. 8

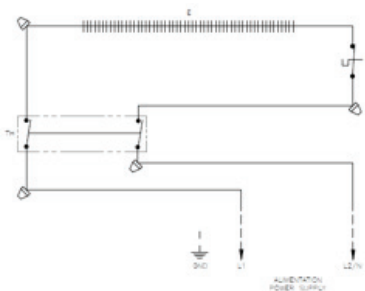


FIG. 9

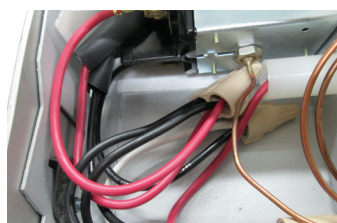


FIG. 10

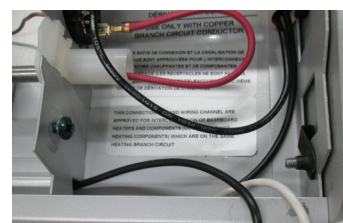


FIG. 11