HOMECRAFT SAUNAS

North America's most trusted sauna heater

Revive

Great heat

6kw

7.5kw

9kw

240v



Homecraft Saunas is a family-run Canadian manufacturer dedicated to creating the best sauna experience possible. As North America's largest producer of sauna heaters, we design and build every heater and control system in-house, ensuring uncompromising quality, reliability, and performance.

Our mission is simple: craft beautifully engineered products that deliver great heat, abundant steam, and a timeless sauna experience that brings families together. Rooted in Canadian craftsmanship and driven by our passion for connection, storytelling, and memory-making, Homecraft Saunas is proud to set the standard for exceptional sauna heaters made right here in Canada.

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For Video tutorials & helps please visit our website (www.homecraftsaunas.com) or our Youtube channel.

Safety Warnings

General Warnings:

1. The use of alcohol, drugs, or medications is capable of greatly increasing the risk of fatal hyperthermia
2. Never leave small children unattended within the sauna room
3. Never place combustible materials on the sauna heater or within the unsafe distances to combustibles
4. If you have pre-existing health conditions consult a doctor before use
5. No receptacles shall be installed inside a sauna room
6. Prolonged use in a Sauna room could result in Hyperthermia. Symptoms include but are not exclusive to:
7. Failure to perceive heat / Failure to recognize the need to exit the room / Unawareness of impending hazard / Fetal damage in pregnant women / Physical inability to exit the room or unconsciousness.

Operational Safety Guidelines:

1. The sauna heater must have rocks placed correctly as per manufacturer's instructions. The Heater is never to be run without rocks.
2. Make sure enclosed elements are covered with stones, and the stones have sufficient spacing for air movement.
3. This Sauna Heater must be secured, with the provided safety brackets, to the floor for safe use.
4. Sauna doors must always open outwards, should never have a latch or lock that could cause entrapment Homecraft Doors use a safe roller latch.
5. Never touch a heater that is turned on and never place objects on top of the sauna heater.
6. The safety to combustibles for the Apex Sauna heater (10kw,12kw,15kw,18kw) is 5.5"
7. Always check to ensure the sauna heater is turned off after use. Yearly maintenance, cleaning, and regular inspection of the sauna rocks is important.
8. Ensure the correct, suitable breaker panel with a correct circuit breaker is installed to match the requirements of the sauna heater. GFI breakers may cause the heater to not function properly and are not recommended unless local code requires

REVIVE

Sauna heater electrical specifications

Revive 240v 1Phase	Output 240v	Optimal Room Size (Cubic ft)	Amps	Circuit Breaker	Wire Size 90c copper
Revive 6kw	6000w	200-325	25	40amp	8
Revive 7.5kw	7500w	250-370	31.3	40amp	8
Revive 9kw	9000w	325-450	37.5	50amp	8

Revive 208v 3Phase	Output 208v	Optimal Room Size (Cubic Ft)	Amps	Circuit Breaker	Wire Size 90c copper
Revive 6kw	6000w	200-325	16.7	30amp	8
Revive 7.5kw	7500w	250-370	20.8	30amp	8
Revive 9kw	9000w	325-450	25	40amp	8

Safety to combustibles	A	Minimum distance to ceiling	Height	Heater Size
Revive 6kw	3.5''	42''	36''	14''x14"x 36''
Revive 7.5kw	3.5"	42''	36''	14''x14"x 36''
Revive 9kw	3.5''	42''	36''	14''x14"x 36''

THE REVIVE: SAFETY DISTANCES, ROCK PLACEMENT AND LEVELING

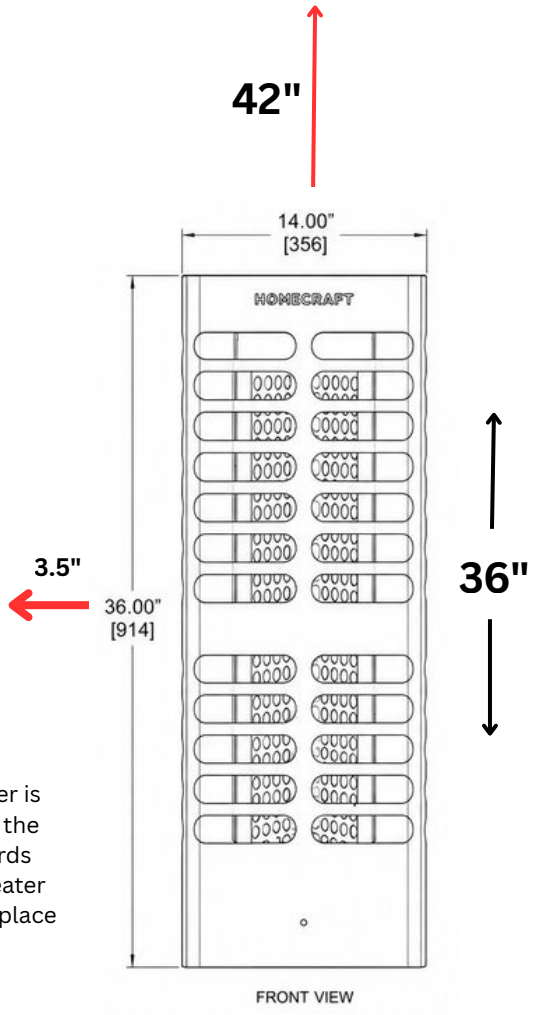
Safety Distances: determined safety distances is from heater to any combustible material. A installed, non combustible heat shield will reduce the normal safety distances.

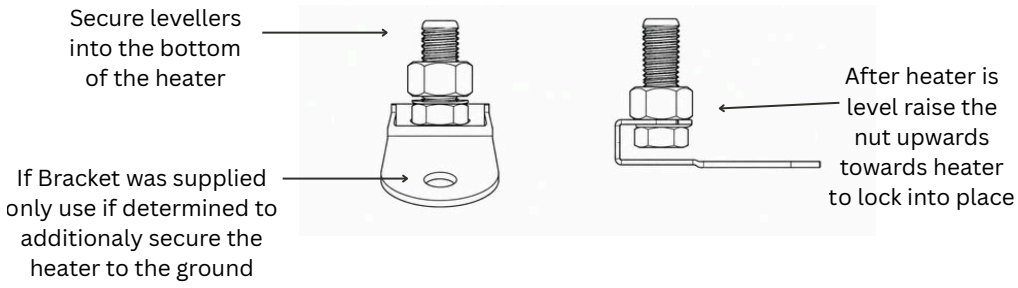
- Minimum 42" distance from top of the heater to ceiling
- 3.5" on any side of the heater to combustible materials
- The Revive is 36" is height

Ceiling Heat Shield:

- A Heat / Ceiling shield should be installed when less then 42" of distance exists from top of the heater to the ceiling.
  - Homecraft has a 20"x20" ceiling shield available

Securing the Sauna heater & Levelling Feet:
Each heater comes with the needed Legs / Levellers. It is important that the sauna heater is level in your sauna room and that the legs are installed in each heater. If floor brackets were sent they can be used, **if needed,** to additionally secure your heater to the floor.





PLACING THE SAUNA HEATER ROCKS

- **Use gloves to place rocks inside of the sauna heater as the heater can have sharp edges**
- Remove the protective plastic on Stainless Steel before use
- Wash sauna rocks before placement inside heater

Type of Rocks:

- Igneous rocks are recommended as an approved sauna rock
- Rocks must not have fractures, faults or can be prone to crack
- Rocks for the Revive should be between 3" - 6" in size

Placement inside Heater

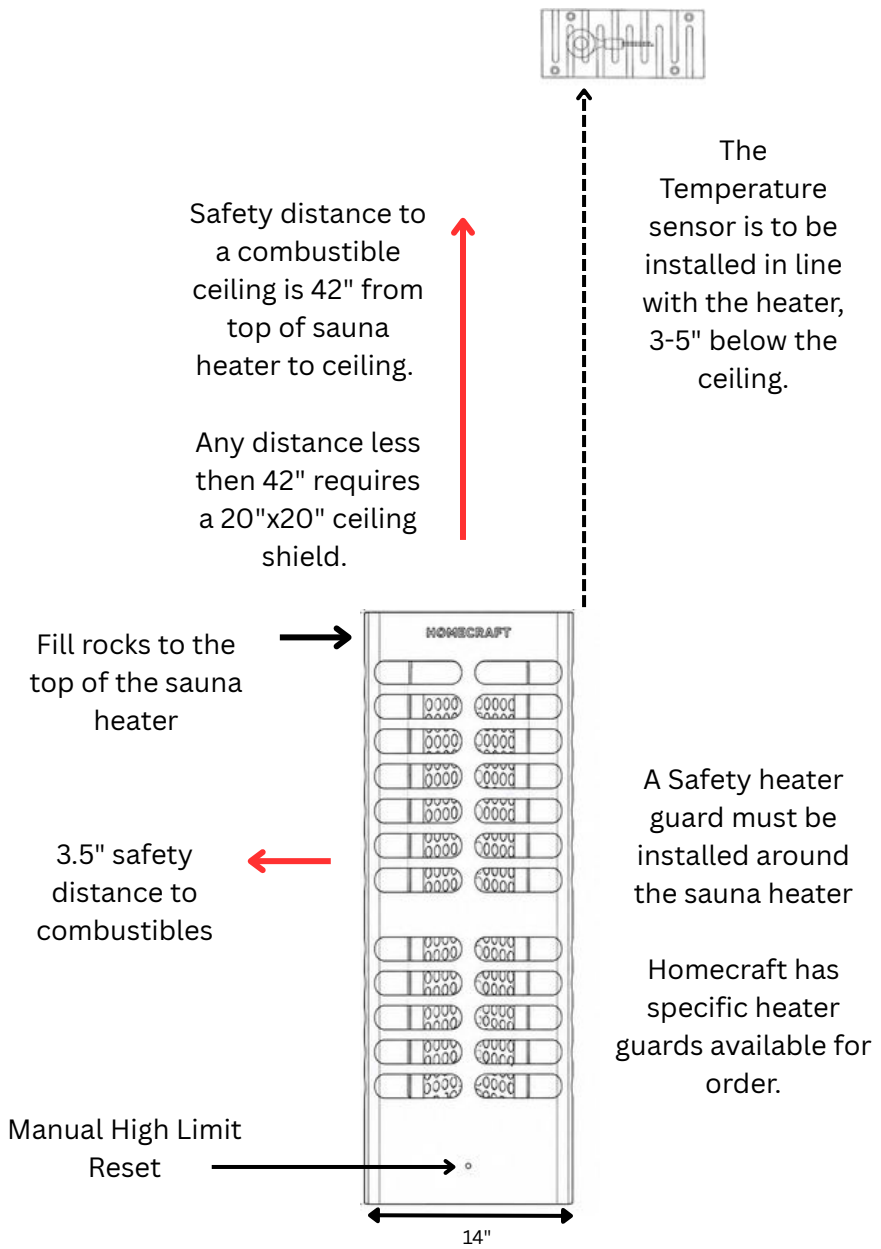
- Sort through your rocks and choose the larger rocks to be placed first
- Sauna rocks should be placed with space between them to ensure air proper airflow
- Rocks should be placed until the sauna heater is completely full or at minimum covering the element protetive cage
- Sauna rocks should withstand heat and heat variation caused by vaporation of water that is thrown on to the stones
- The use of improper stones that cause damage to the heater or elements may void warranty
- Sauna rocks should be reviewed every 12 months to ensure structural integrity and that the rocks are properly absorbing heat.

A Guide to your Revive

Maintenance:
Routinely check the inner heating elements to ensure that they are operating correctly.
Rocks will settle, become weaker or break down over time. Yearly inspect and re-arrange your rocks.

Heater Guard:
For Safety purposes it is necessary to install a Heater Guard safely around the Sauna heater that adheres to the proper safety distances to combustible materials. The Apex heater needs to have 5.5" distance to combustible materials to ensure safe and proper use.

Ventilation:
For questions regarding ventilation please refer to our recommendations via the QR Code



Preparing for sauna heater installation

Check the following before installing the sauna heater:

Typical Sauna Set up and components from the Manufacturer

- A Homecraft heater set-up has 3 main components. 1) Heater 2) Contactor Box 3) Sauna Touchpad
- The Relay contactor box (Indoor & Outdoor options) contains a 24v class 2 transformer and relays, and a magnetic contactor that is prewired.
- 18/4 & 18/2 wires are supplied for connecting the touchpad to the contactor box and 18/2 wires for the Temperature sensor to the touchpad
- A low voltage Digital Sauna touchpad (that will mount to a standard 2-gang electrical box - NOT supplied) by which you set your time and temperature.
- Warning label package
- Temperature Sensor Package
- Mounting Hardware for certain heaters

Installation of the sauna heater: *All electrical must be done by a certified electrician

- Please ensure that the heater is properly sized for the sauna room and that the correct breaker and wire size is being used. (Sauna rooms with glass, masonry stone or poor insulation will adversely affect the sauna heater and it is recommended to check with the manufacturer to ensure you are properly sizing your heater.)
- The minimum ceiling height for the Apex heaters is 7'.
- Ensure the heater is correctly spaced from combustible materials
- Please take off the protective film before turning on the sauna heater
- **Use 90c copper wiring from contactor box to sauna heater**
- **Ensure enough slack in your main wire feed to be able to access the bottom of the heater when needed for maintenance or repair**
- The Sauna legs (4 provided with the Apex) are to be screwed into the bottom legs of the Apex.
- Place the rocks in the sauna heater once it has been properly installed and turned on for it's first cycle to burn off any residue from the heating elements. (Page 06)

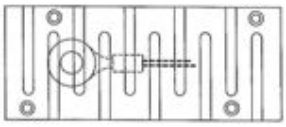
If your heater won't turn on:

- Check that the electrical connections are installed correctly
- Take a multimeter and work your way to see where the power is failing
- If an error is reading on the touchpad see the troubleshooting page on the Homecraft website under resources

A GFCI breaker will adversely affect the heater. Moisture build up in the heating elements can trip the GFCI. CSA & UL do not require a GFCI to operate certified UL875 & CSA 22-22dede but always check with local code.

A Visual Guide:
Contactor box - touchpad - heater

Temperature Sensor



Sauna touchpad should be installed outside the sauna room. Homecraft touchpads fit a standard 2 gang electrical box

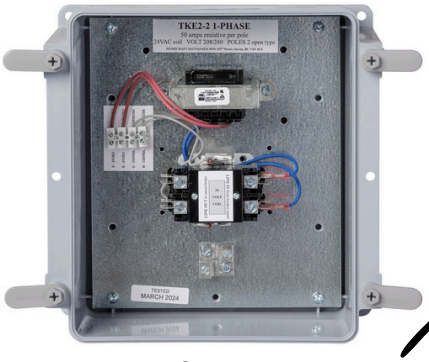
Run the appropriate **18/2 wire** from the Red thermistor to the back of the Sauna Touchpad



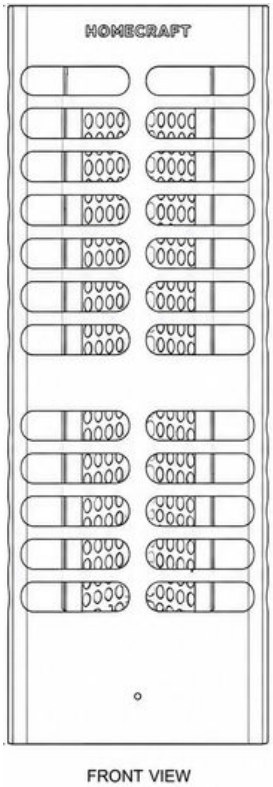
Homecraft Touchpad

Run an appropriate **18/4 wire** from the back of the touchpad to your contactor box to power the touchpad.

Pair with appropriate Contactor box



Run properly gauged copper 90C (194F) rated **wire** from contactor box to the electrical box inside sauna heater



Line in from main power source

Homecraft Heater

I**nstalling the Temperature Sensor:**

Find the package marked “Temperature sensor pack”. Inside is the small red “thermistor” or temperature sensor, screws, and the metal cover.

Purpose:
The thermistor / temperature sensor connects via the back of the sauna touchpad (probe marking) with the appropriate 18/2 wire.

Placement:
CSA & UL regulations stipulate the Thermistor / Temperature sensor is to be placed in line with the heater (directly in line, above the heater) and should be placed between 3"-6" below the ceiling. If moved to far from the heater high limit tripping can occur.

Step 1: Attach the temperature sensor (red thermistor), to the supplied 18/2 wire. If you require a longer distance between the sensor and the sauna touchpad it is recommended to purchase sufficient length to have one continuous wire to the sensor.
Step 2: Be sure to run the 18/2 wire inside the insulated stud space in the sauna wall
Step 3: Leave sufficient slack in the 18/2 wire so that you can have the 18/2 wire sticking out of the wall to be able to easily connect the temperature sensor / Thermistor to the wire.
Step 4: The 18/2 wire should be connected to the sauna touchpad where it reads “probe” and run to the placement where the temperature sensor will be placed above or in-line with the heater 3-4'' from the ceiling.

Warning: Improper placement of the temperature sensor can cause the heater to overheat or not function optimally. Placing the temperature sensor far away from the heater can cause the high limit to trip or compromise personal safety.

Middle Room Installations:
If the heater is installed away from the walls then it is necessary to install the temperature sensor above or to one side of the heater on the ceiling.

Heating the sauna for the first time:

- Remove the protective film on the sauna heater once it has been installed. Do not turn the heater on with the protective film or it wlll adhere to the heater, damaging it.
- Run the heater for a minimum of 45-60 minutes to cure or bake off the oils on the heating elements. There will be an odour that is emitted from the elements and you should air out the sauna room afterwards.
- Ensure the heater is properly in place and the rocks are installed correctly
- Every Homecraft Heater is approved and certified under CSA & UL

NOTE: ALL HOMECRAFT HEATERS SHOULD BE INSTALLED BY A CERTIFIED OR QUALIFIED ELECTRICIAN & IN ACCORDANCE TO LOCAL REGULATIONS

Installing the TKE2-2 (Revive 6kw, 7.5kw & 9kw) TKE2-3 for 3 Phase heaters

Every Homecraft heater should be purchased with the correct relay contactor box & Sauna Touchpad.

Components / Parts:

- 24-volt class 2 transformer
- Appropriately sized magnetic contactor
- Low voltage 18/4 (to wire the touchpad on 1 hour control set ups) & 18/2 wires for the temperature sensor.

Placement:

- The contactor box should be installed in a location that is accessible for servicing.
- Either outside the sauna room in a weatherproof electrical box, in a mechanical room or inside the studded walls with an accessible panel
- Never place exposed or in an area where the contactor box receives direct heat from the sauna heater

Connecting the sauna to the mains:

- Ensure the proper gauge copper wire is used for installation (Please see Page 4)
- Use only approved whip connectors from relay contactor box to heater
- The High limit manual reset switch must be wired into the circuit on all Apex 12kw, 15kw & 18kw heaters
- Unless local code requires do not use a GFI breaker to operate sauna heater



Homecraft Digital Control / Touchpad:

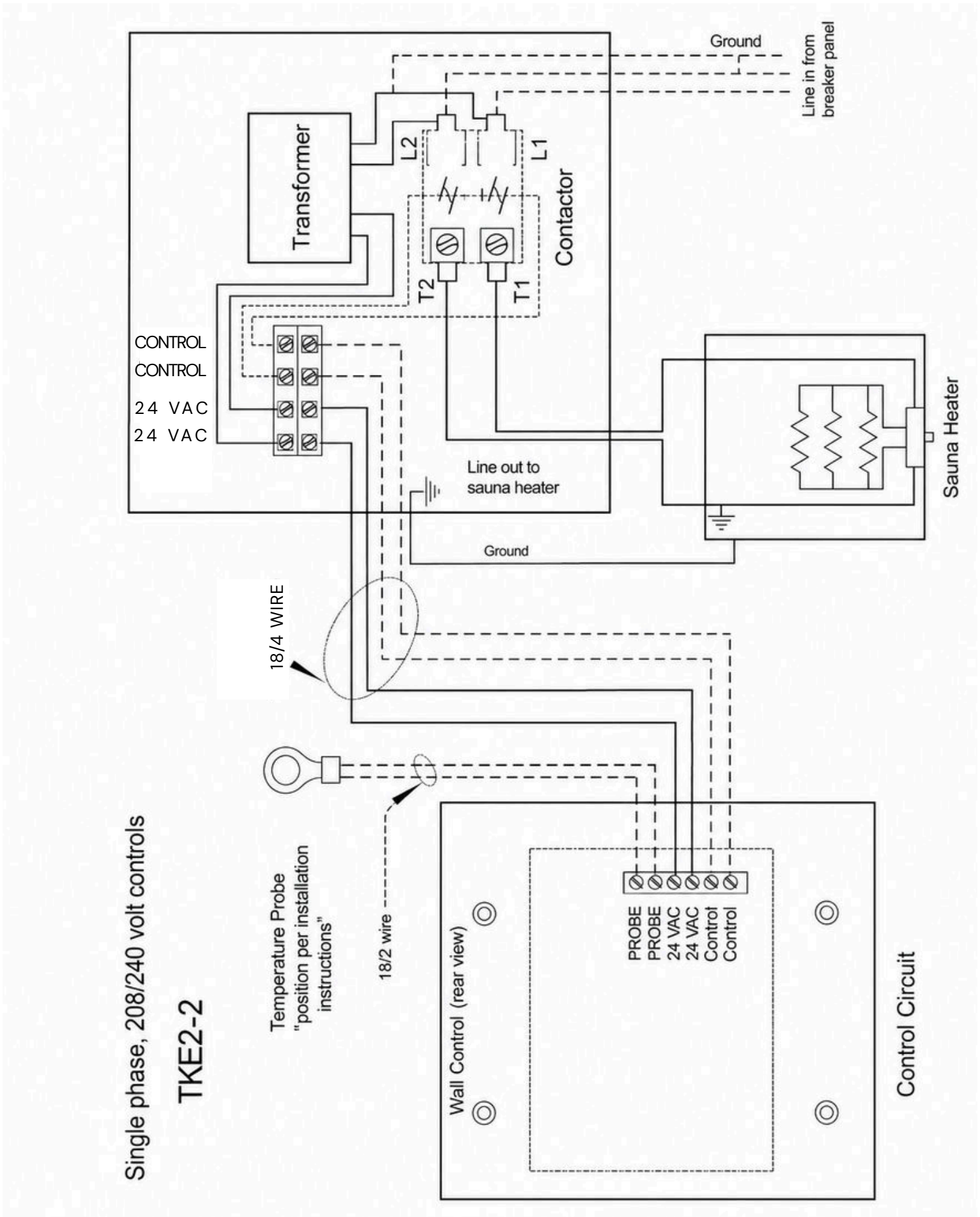
- The control will mount into a Standard 2 gang electrical box
- Every Homecraft touchpad is a class 2 - 24v low voltage control
- The 1 hour touchpads are precise and are made in accordance to CSA & UL regulation
- Each 1 hour control is preset to operate at 90c or 194f and can be adjusted by holding down the temperature buttons for 3 seconds
- Mount outside the sauna room in an area not fully exposed to weather (for outdoor saunas)

Manual High limit Switch

- Every Homecraft sauna heater is equipped with a thermal safety switch to prevent safe operational temperatures.
- The safety switch will shut off when / if the sauna heater overheats
- The safety switch can be found near the front lower portion of every heater and can be accessed via the small hole
- Place a small non-metallic object into the hole and you can reset the protruding tab when the high limit safety switch has tripped

Note: If the "reset safety switch" trips frequently, please contact a qualified serviceperson or reach out to Homecraft directly for assistance.
français: Si le limiteur de température à réenclenchement manuel se déclenche souvent, appelez un réparateur qualifié.

Wiring Diagrams for TKE2-2 and Revive heater



Homecraft Heater Warranty

The purchaser is responsible for carefully reviewing this manual and ensuring that all installation and operating instructions are strictly followed. Failure to comply with these guidelines, misuse of the sauna heater, or any unauthorized modifications will void this warranty.

Warranty Coverage (2 Years – Manufactured Components)

This warranty applies exclusively to Homecraft electric sauna heaters that have been installed and operated in accordance with this manual.

1. Heating elements are covered by a 2-year limited warranty against manufacturing defects.
2. All other consumable components are covered by a 1-year limited warranty.

If a manufacturing defect is confirmed, Homecraft Saunas will, at its discretion, repair or send replacement components of the defective component within the applicable warranty period. All claims must be submitted within the valid warranty term from the original date of purchase. This warranty does not cover normal wear and deterioration resulting from regular sauna use.

Warranty Limitations

This warranty does not cover:

1. Normal wear and tear associated with regular sauna use
2. Labor or service costs, including electrician fees, diagnostic testing, rewiring, or any electrical work related to installation, inspection, or troubleshooting

Warranty Exclusions

This warranty will be void if:

1. The product has been damaged due to negligence, misuse, or improper handling
2. The product has not been installed in accordance with Homecraft Saunas' instructions and applicable electrical codes
3. The product has been modified, tampered with, or altered in any way

Warranty Claims

For assistance or to submit a warranty claim, please contact Homecraft Saunas Customer Support.

Terms of Use for all Homecraft Mfg Corporation (Homecraft saunas) products.

By purchasing, installing, or using a Homecraft Saunas heater or related product, the buyer agrees to the following terms of use.

Assumption of Risk Using a sauna involves inherent risks, including but not limited to burns, dehydration, slips and falls, property damage, personal injury, or death. By using the sauna and any Homecraft Saunas equipment, the buyer and all users acknowledge and accept full responsibility for all risks associated with sauna use. Limitation of Liability To the fullest extent permitted by law, Homecraft Saunas—along with its affiliates, employees, agents, and representatives—shall not be held liable for any injuries, health issues, damages, or losses arising from the installation, operation, misuse, or inability to use the sauna or heater. This includes, but is not limited to, bodily harm, death, property damage, or economic loss. Homecraft Saunas makes no express or implied warranties beyond those specifically stated in the product warranty.

Under no circumstances shall Homecraft Saunas be responsible for incidental, indirect, special, or consequential damages related to sauna use.

User Responsibility The buyer is solely responsible for: Reading, understanding, and following all installation, maintenance, and operating instructions provided in the product manual.
- Ensuring the sauna and heater are installed by a qualified professional in accordance with local electrical and building codes.
- Maintaining the sauna and heater in accordance with Homecraft Saunas' guidelines.
- Ensuring all users are informed of the risks associated with sauna use and that individuals with medical conditions consult a physician before using the sauna.
- Avoiding any modifications or alterations to the heater or sauna components. Any unauthorized changes void the warranty and may result in unsafe or hazardous operation.

Indemnification The buyer agrees to indemnify, defend, and hold harmless Homecraft Saunas from any claims, damages, liabilities, losses, costs, or expenses (including legal fees) arising from improper installation, misuse, or failure to follow provided guidelines. For technical support or warranty-related inquiries, please contact Homecraft Saunas Customer Support.

Thank You from Homecraft

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