HOMECRAFT SAUNAS

North America's most trusted sauna heater

HOMECRAFT WIFI SAUNA CONTROL

TPC-W INSTALLATION MANUAL



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 pure 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.

Rev B - July, 2026



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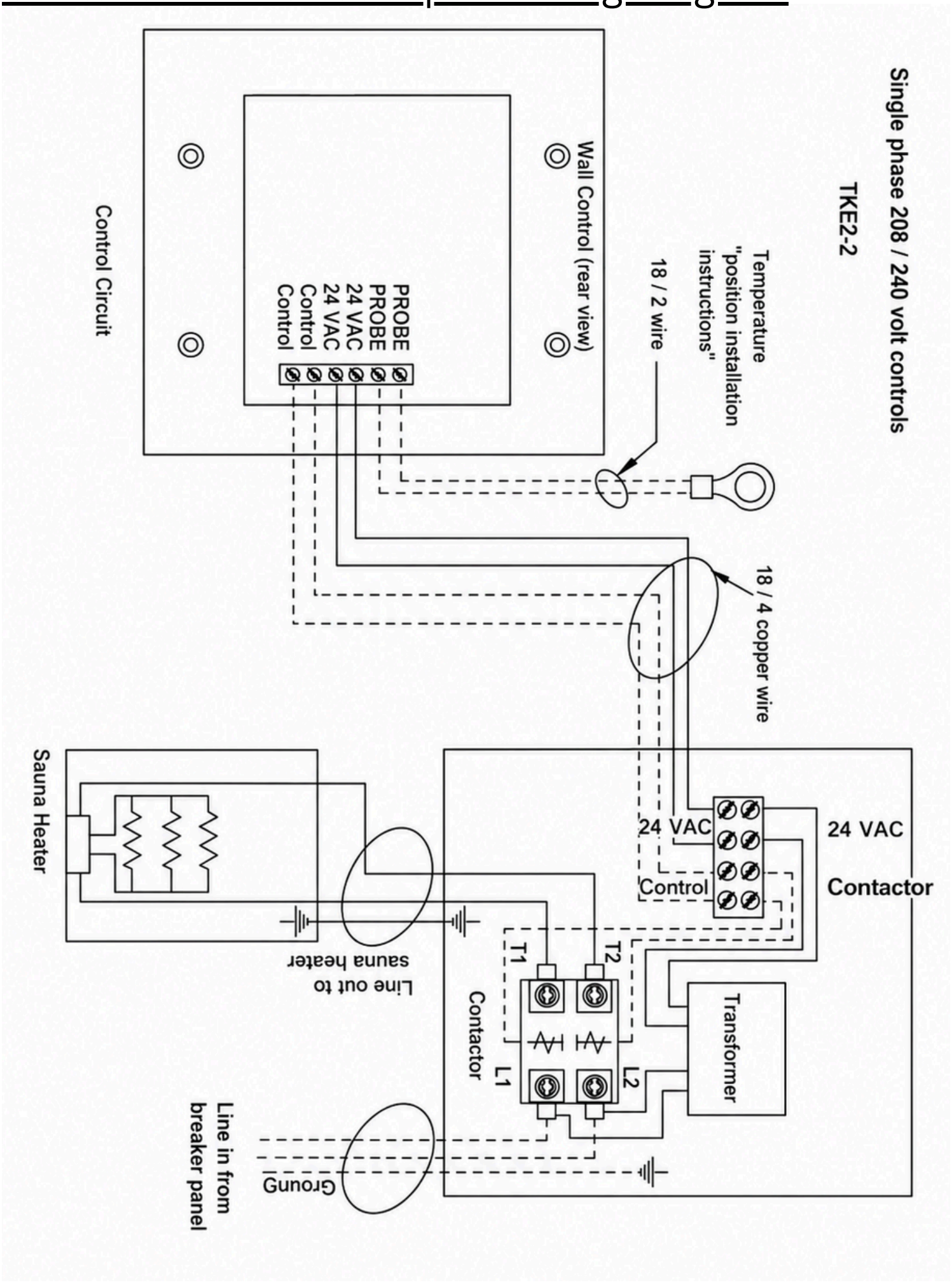
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Safety & User Warnings

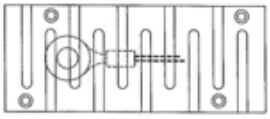
1. Read all instructions before installing or operating this device.
2. Installation and electrical connections must be performed in accordance with all applicable local electrical codes and regulations.
3. Do not expose the touchpad to water, excessive moisture, or direct contact with liquids unless specifically rated for such environments. This touchpad is not waterproof and is not intended for full exposure to water.
4. Do not attempt to disassemble, modify, or repair the device. Unauthorized modifications may result in malfunction, electrical hazards, or void the warranty.
5. Disconnect power before cleaning, servicing, or performing any maintenance on the connected system.
6. Use only with compatible equipment and power supplies specified by the manufacturer.
7. Maintain a secure WiFi network and use strong passwords to help prevent unauthorized access to connected devices.
8. If the device becomes damaged, overheats, emits unusual odors, or operates abnormally, discontinue use immediately and contact the manufacturer for assistance.
9. Always verify operating settings before leaving the system unattended. Improper operation of connected heating equipment may result in property damage, personal injury, or unsafe temperatures.
10. Always ensure there is no hazerdous or consumables left near the sauna heater. In turning the sauna on remotely it is paramount that each user has verified that the room is safe before operating.
11. “Manufacturing deviation and drift limit: +/- 2°C”.
12. “Pollution degree 2”
13. “ Rated impulse voltage: 330V”
14. Type 2 Action
15. Use Copper Conductors Only, 18AWG, Torque to 4.5 lb-in

Contactor box & touchpad Wiring Diagram



A Visual Wiring Layout

Temperature Sensor placed in 2-4" from ceiling



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

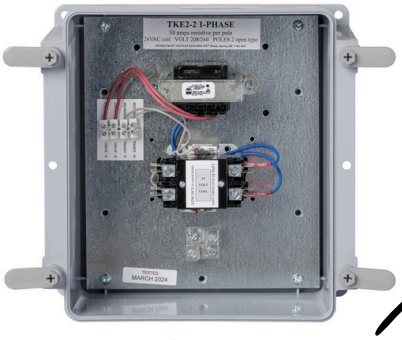
Run the appropriate **18/2 wire** from the Red thermistor to the back of the Sauna Touchpad



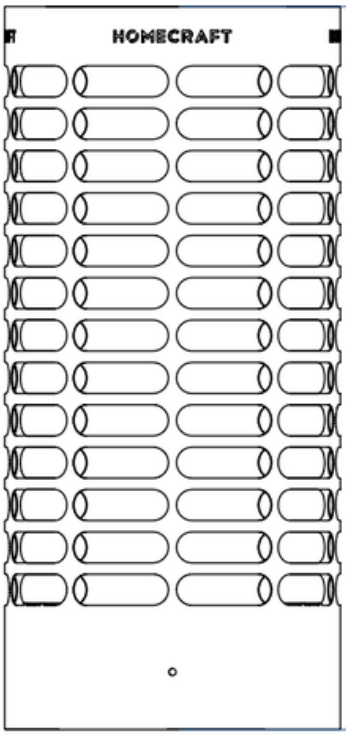
Homecraft Touchpad

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



Homecraft Heater

Line in from main power source

Installing Contactor Box & Temp Sensors

Relay Control Box Installation

The “Relay Control Box” contains the 24 volt Class II transformer and a magnetic contactor. The Relay Control Box can be surface mounted or flush wall mounted. This box needs to be mounted in a location that you can access should servicing be required. Note: A 18/4 wire is needed to connect the Relay Control Box (via the transformer) to the Sauna Touchpad. Since Local Codes and end use or location varies it is necessary to consult your electrician to use the properly rated 18/4 wire.

Caution: Use only a contactor approved for 250,000 cycles
Attention: Utiliser uniquement un contacteur approuvé pour cycles ce fonctionnement

Connect the 18/4 wire to the appropriate connections in the Relay Control Box.

Be sure to connect colored wires consistently between the Relay Control Box and the Wall Control Panel. R (Red) B (Brown) G (Green) W (White)

Temperature Sensor Installation

Step 1: The Temperature sensor is to be installed in the correct location according to the heater instructions. Above, or in Line with the heater 3-4 inches from the ceiling.

Step 2: An 18/2 wire is required to be run from the back of the Sauna Touchpad / Control to the location of the thermistor. NOTE: Since Local Codes and end use or location varies it is necessary to consult your electrician to use the properly rated 18/2 wire.

Step 3: Be sure to leave a little slack in the 18/2 wire. Strip around 6’’ from the outer casing of the 18/2 wire leaving the protective casing on the individual leads. This will make it easier to attach the 18/2 wires to the sensor leads, and gives more flexibility when pushing any excess wire back into the wall.

Step 4: The sensor wire should come out of the wall into the sauna room through a 5/8'' diameter hole so the sensor is positioned correctly according to the heater guidelines.

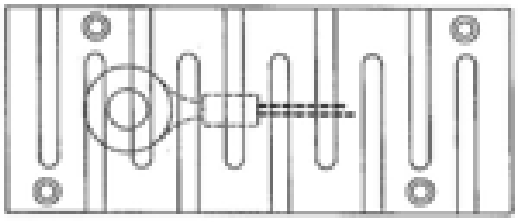
Step 5: Do not hide or bury the sensor behind a cover other than the one supplied by Homecraft. Incorrect installation of the sensor will negatively impact the heater operation, cause nuisance high limit tripping (safety device in the heater), and compromise personal and fire safety.

Digital Control for a Homecraft Sauna Heater:
Our digital wall mounted control is precise and offers features for the safe operation of your sauna heater. This controls is a Class 2, 24volt circuit and does not require a GFI breaker. (** usually a GFI breaker will not work with a sauna heater.) Be sure to check with your local inspection authority.

The Homecraft Digital control will fit a standard 2-gang electrical box to
house the digital wall-mount control panel. It is recommended that the touchpad be installed on the outside of the sauna room and be protected from the weather. Maximum operating temperature is 50C (122F).

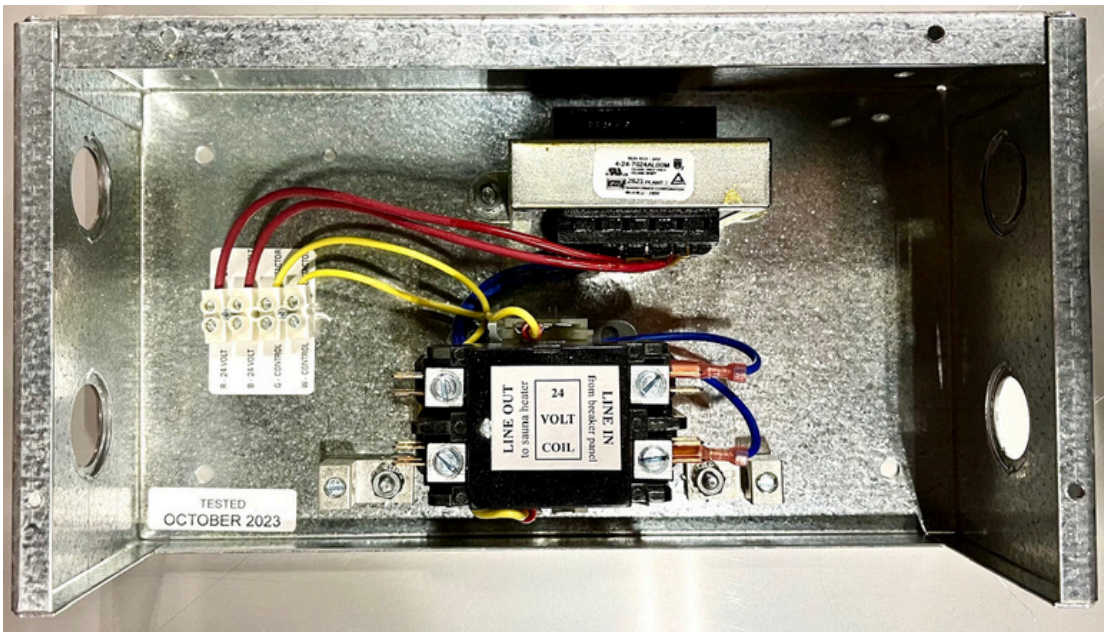


Connect the Thermistor inside the sauna room above or in-line with the heater 3-4' from the ceiling. Connect the thermistor to the 18/2 wire and connect to the back of the touchpad.

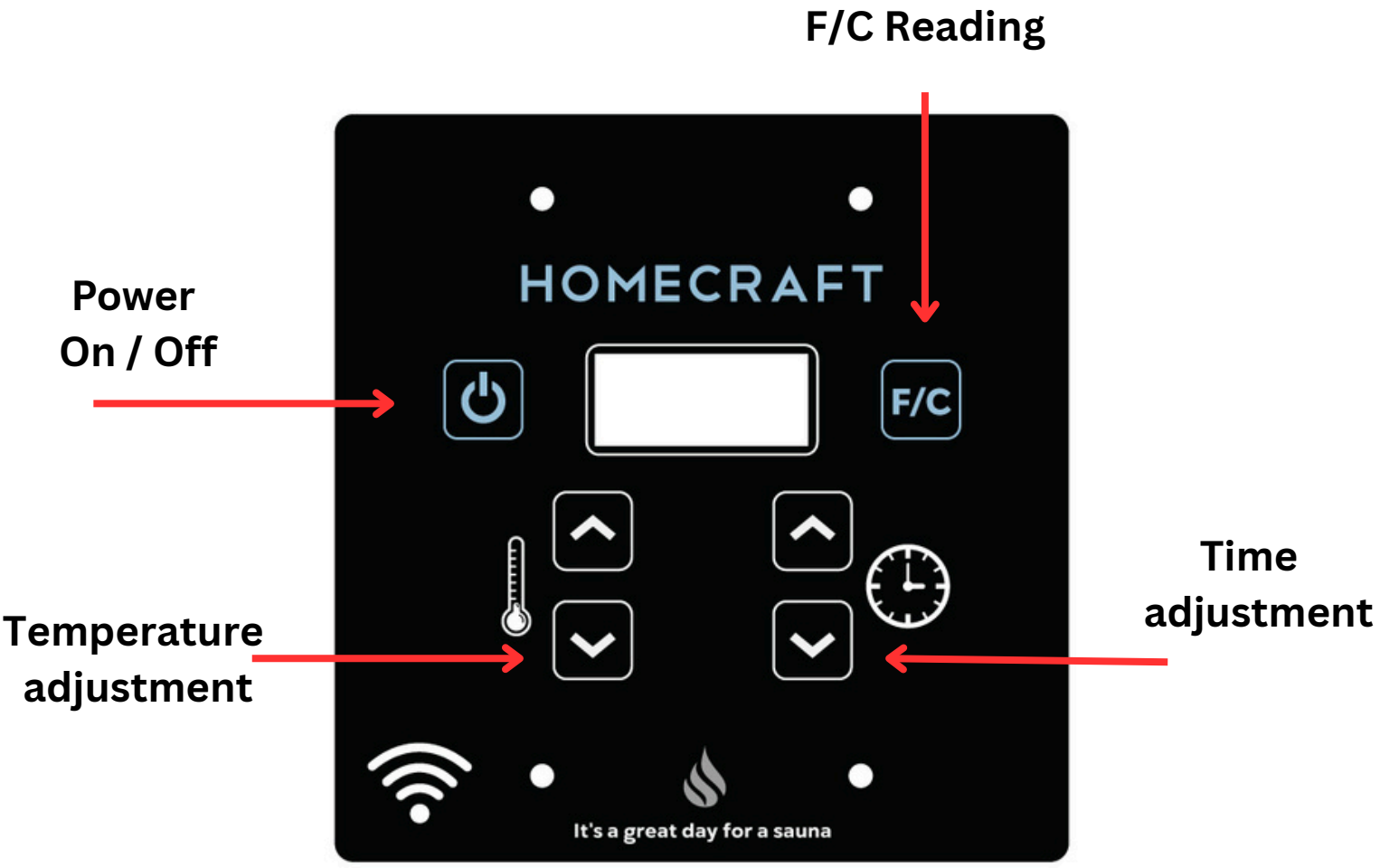


Connect the appropriate 18/4 wire from the touchpad to the corresponding letters inside the contactor box

R = Red
B = Brown
G = Green
W= White



Touchpad Operation

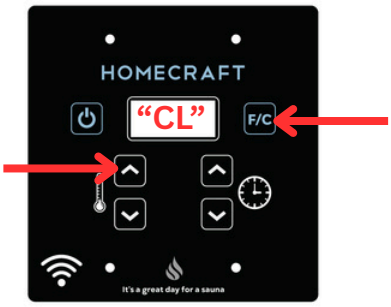


Touchpad notes:

1. The Homecraft touchpad defaults temperature in Celsius
2. When manually turning on default setting is 90c (194F) and 60 minute timer
3. Add time and change the temperature by manually toggling the bottons

Troubleshooting

HARD RESET



BEFORE ATTEMPTING TO CONNECT, ALWAYS ENSURE THE FOLLOWING:

- Wi-Fi Signal: Your Wi-Fi signal is strong and your router is within 40 ft of the touchpad.
- Bluetooth: Bluetooth is enabled on your mobile device.
- Wi-Fi Frequency: You are connected to a 2.4 GHz Wi-Fi network. The app does not support 5 GHz networks.
- Touchpad Enclosure: The touchpad is installed in a plastic enclosure. Metal enclosures can interfere with wireless signals and affect connectivity.

IF YOU EXPERIENCE ISSUES CONNECTING, PLEASE FOLLOW THESE STEPS:

1. **Reset the breaker:** Turn the breaker supplying power to your sauna OFF, then turn it back ON.
2. **Perform a hard reset on the touchpad:** Press and hold the F/C button and the upper arrow button on the left side of the touchpad simultaneously until the display reads "CL" (Clear). Repeat this process twice.
3. **Connect through the app**: Open the app and select the yellow "+" button to add a new sauna. Ensure Bluetooth is enabled on your device and that your phone is connected to your Wi-Fi network. The app should prompt you to select your Homecraft sauna.
4. **Select your Wi-Fi network:** Once you have selected your sauna, the app will prompt you to choose a Wi-Fi network. Select your network, enter your Wi-Fi password, and complete the setup. Your new sauna should now appear on the app's home screen. ***If the app gets stuck loading or cannot locate your sauna through Bluetooth or find your Wi-Fi network, repeat Step 2 and try connecting again.***
5. **Test your connection:** Select your newly added sauna in the app and press "ON" to turn on the heater. ***Please note: After pressing "ON" in the app, allow 10–15 seconds for it to engage.***

STILL HAVING TROUBLE? TAKE A SCREENSHOT SHOWING WHERE YOU ARE GETTING STUCK AND EMAIL IT TO TECH-SUPPORT@HOMECRAFTSAUNAS.COM FOR FURTHER ASSISTANCE.

Homecraft Warranty

THE BUYER IS RESPONSIBLE FOR THOROUGHLY REVIEWING THIS USER MANUAL AND FOLLOWING ALL INSTALLATION AND OPERATING INSTRUCTIONS. FAILURE TO COMPLY WITH THESE GUIDELINES, MISUSE OF THE SAUNA HEATER, OR ANY UNAUTHORIZED MODIFICATIONS WILL VOID THE WARRANTY.

WARRANTY COVERAGE (1 YEAR – MANUFACTURED COMPONENTS)

THIS WARRANTY APPLIES EXCLUSIVELY TO HOMECRAFT - ELECTRIC HEATERS THAT HAVE BEEN INSTALLED AND OPERATED IN ACCORDANCE WITH THIS MANUAL. IF A MANUFACTURING DEFECT IS CONFIRMED, THE BUYER MAY REQUEST REPAIR OR REPLACEMENT WITHIN THE WARRANTY PERIOD. ALL WARRANTY CLAIMS MUST BE SUBMITTED WITHIN THE VALID WARRANTY TERM SPECIFIED AT THE TIME OF PURCHASE.

WARRANTY LIMITATIONS

THIS WARRANTY DOES NOT COVER:

- HEATING ELEMENTS, AS THEY ARE CONSIDERED CONSUMABLE COMPONENTS.
- NORMAL WEAR AND TEAR ASSOCIATED WITH REGULAR SAUNA USE.
- COSTS RELATED TO ELECTRICIANS, INCLUDING DIAGNOSTIC TESTING, REWIRING, OR ANY ELECTRICAL WORK REQUIRED FOR INSTALLATION OR TROUBLESHOOTING.

WARRANTY EXCLUSIONS

THE WARRANTY IS VOID IF:

- THE PRODUCT HAS BEEN DAMAGED DUE TO NEGLIGENCE OR IMPROPER HANDLING.
- THE PRODUCT WAS NOT INSTALLED ACCORDING TO THE INSTRUCTIONS PROVIDED BY HOMECRAFT SAUNAS.
- THE PRODUCT HAS BEEN MODIFIED, TAMPERED WITH, OR ALTERED IN ANY WAY.

FOR ASSISTANCE OR TO SUBMIT A WARRANTY CLAIM, PLEASE CONTACT HOMECRAFT SAUNAS CUSTOMER SUPPORT.

Terms of Use for all Homecraft Mfg Corporation sauna heaters:

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

WWW.HOMECRAFTSAUNAS.COM

INFO@HOMECRAFTSAUNAS.COM

Our Guide To A Good Sauna

A great sauna is experienced when you can find the perfect balance of Heat, Steam and Ventilation. The Heat & Steam portion is where our Sauna heaters come into play and we have designed our heaters with just that in mind. Heating up to the maximal allowable temperatures in North America and designed to take water onto the
rocks to product the desired amount of steam & humidity to create an amazing sauna experience.

IT'S TIME TO SAUNA

1.Take a Shower before sauna use and dry off. Dry skin sweats faster then moist skin
2. First Session; Stay in the sauna for around 15 minutes to get your first sweat.
a. Listen to your body and pay attention to how you are feeling.
b. Use a towel to protect your skin from the high heat of the wood
c. You can sit or lay down but before leaving sit up for a few minutes to d. The higher you sit the hotter the temperature in the room
3.Cooling off: A cold bucket of water, a cold shower or ice bath are a great way to rejuvenate after the session. Hot to cold therapy has proven benefits.
4.Resting Period: Move to some fresh air to relax your body. Use a bathrobe or tower to not cool down to much. Usually a break from the sauna can be between 15-25 minutes. Oftentimes this is a social time to relax with friends and enjoy time together.
5. Begin the sauna cycle once again and continue this for 2-3 full sessions to get the best benefits. The purpose of the sauna is not to suffer but to create a formula of good heat, cold, community and relaxation.

