HOMECRAFT SAUNAS

North America's most trusted sauna heater

INSTALLATION MANUAL TOUCHPAD & CONTACTOR BOXES

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.

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QUESTIONS? CONTACT US.

General Homecraft Electrical Specifications

HEATER MODEL OR KW	240V HEATERS	RECOMMENDED ROOM SIZES CUBIC FEET	CORRECT CONTACTOR (SPECIFY INDOOR / OUTDOOR) WITH OUR TPC01 TOUCHPAD	CIRCUIT BREAKER	WIRE SIZE 90C COPPER WIRE
4kw	Revive Slim	100-150	Tke 2-2	30	10
5kw	Revive Slim	100-250	Tke 2-2	30	10
6kw	Revive / H-Series	200-325	Tke 2-2	40	8
7.5kw	Revive / H-Series	250-370	Tke 2-2	40	8
9kw	Revive / H-Series	325-450	Tke 2-2	50	8
10kw	Apex	400-625	Tke2-2	50	8

HEATER MODEL OR KW	208V HEATERS (3 PHASE)	RECOMMENDED ROOM SIZES CUBIC FEET	CIRCUIT BREAKER	ACTUAL AMPS DRAWN	WIRE SIZE 90C COPPER WIRE
6kw	Revive	200-325	30	16.7	8
7.5kw	Revive	250-370	30	20.8	8
9kw	Revive / H-series	325-450	40	25	8
12kw	Apex	425-700	50	33.4	8
15kw	Apex	550-900	50	41.7	8
18kw	Apex	690-1200	60	48	6

HEATER MODEL	DISTANCE TO COMBUSTIBLES
C-Series	4" - front / 1" corner
H-Series	4"
Revive Slim	3.5"
Revive	3.5"
F-Series	4"
Apex	5.5"

GENERAL WARNINGS & CAUTIONS

1.1 ELECTRICAL WIRING ROUTING
ALL WIRING TO THE SAUNA HEATER AND ACCESSORIES MUST BE ROUTED AWAY FROM ANY DIRECT RADIATION FROM THE SAUNA HEATER

1.2. WATER SPRAY
NEVER SUBJECT THE SAUNA HEATER OR CONTROL COMPONENTS TO DIRECT WATER SPRAY

1.3. SHOWER HEAD
NEVER INSTALL A SHOWER HEAD ABOVE THE SAUNA HEATER

1.4. FREQUENT HIGH LIMIT SWITCH FAULTS
IF THE MANUALLY RESETTABLE TEMPERATURE-LIMITING CONTROL TRIPS FREQUENTLY, A QUALIFIED SERVICEMAN SHOULD BE CONTACTED

1.5. FIRE PREVENTION
CAUTION: AVOID A FIRE, DO NOT PLACE COMBUSTIBLE MATERIAL ON SAUNA HEATER
ATTENTION : ÉVITEZ LES INCENDIES, NE PLACEZ AUCUNE MATIÈRE COMBUSTIBLE SUR LE

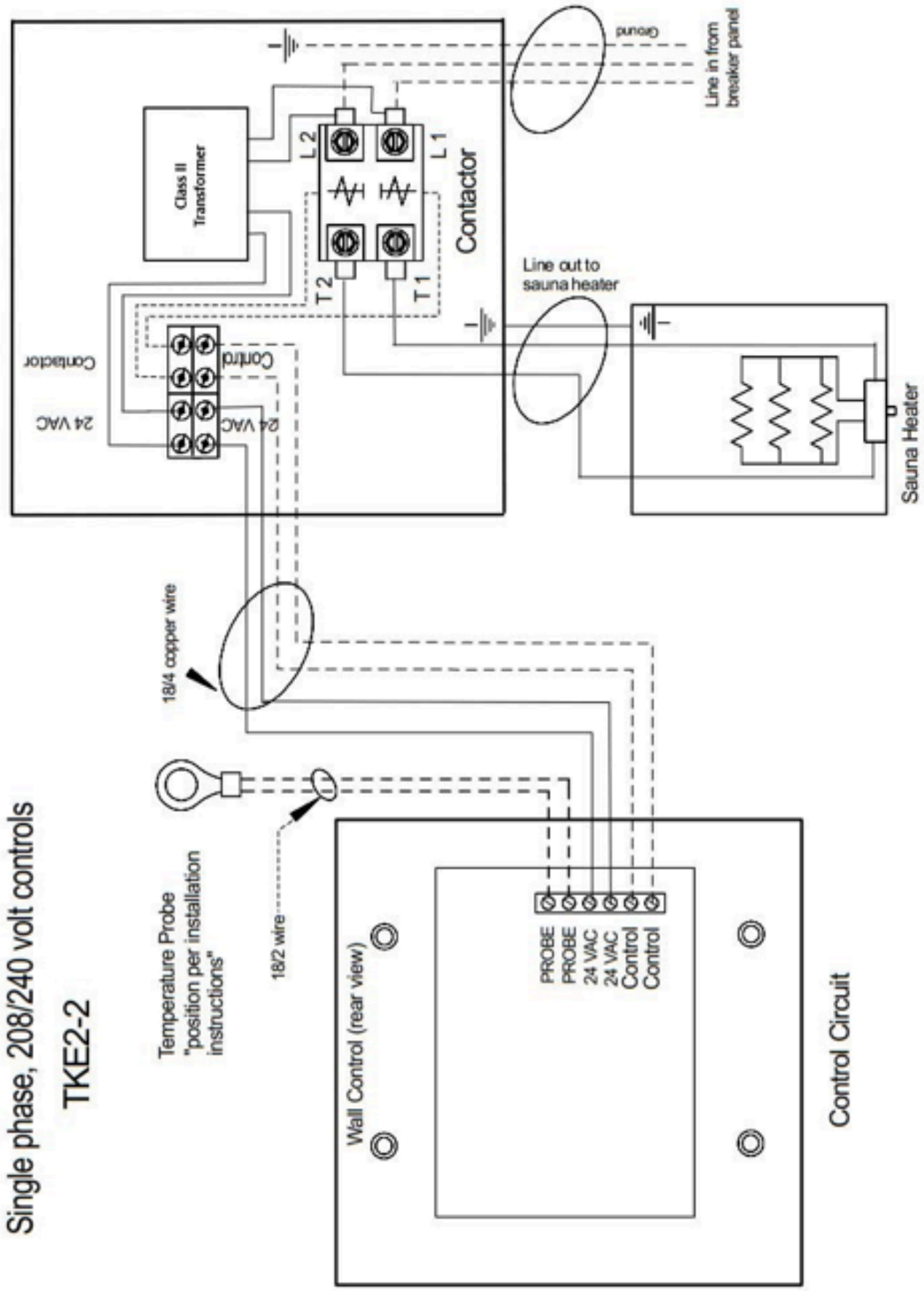
1.6. APPROVED CONTACTORS
CAUTION: USE ONLY A CONTACTOR APPROVED FOR 250 000 ENDURANCE CYCLES
ATTENTION : UTILISER UNIQUEMENT UN CONTACTEUR APPROUVÉ POUR 250 000 CYCLES DE

1.7. MAINTENANCE PROGRAM
THE OWNER MUST IMPLEMENT A MAINTENANCE PROGRAM FOR THE SAUNA HEATER AND INSPECT THE SAUNA HEATER AT THE END OF EACH DAY TO ENSURE THE SAUNA HEATER IS TURNED OFF

2. GENERAL SPECIFICATIONS
ELECTRICAL WIRING AND HOOK-UP SHOULD BE DONE BY A CERTIFIED ELECTRICIAN. ELECTRICAL CONNECTION BY A NON-CERTIFIED PERSON VOIDS THE WARRANTY. NEVER INSTALL ELECTRICAL WIRING SUCH THAT IT COULD BE EXPOSED TO HEAT RADIATING FROM THE SAUNA HEATER. THE CONTROL BOX MUST BE INSTALLED ON THE OUTSIDE OF THE SAUNA ROOM. DO NOT INSTALL ANY ELECTRICAL RECEPTACLES INSIDE THE SAUNA ROOM.

NOTE: NO COMBUSTIBLE MATERIALS ARE PERMITTED UNDER THE HEATER. EXAMPLES OF THIS ARE DUCKBOARD, TOWELS, PAPER TOWELS, ETC.

Wiring Diagram



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.

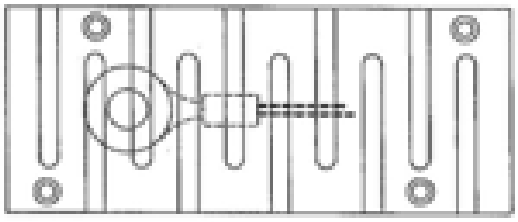
Step 4: The sensor wire should come out of the wall into the sauna room through a 5/8'' diameter hole so the sensor is positioned correctly according to the heater guidelines.

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 mall 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.

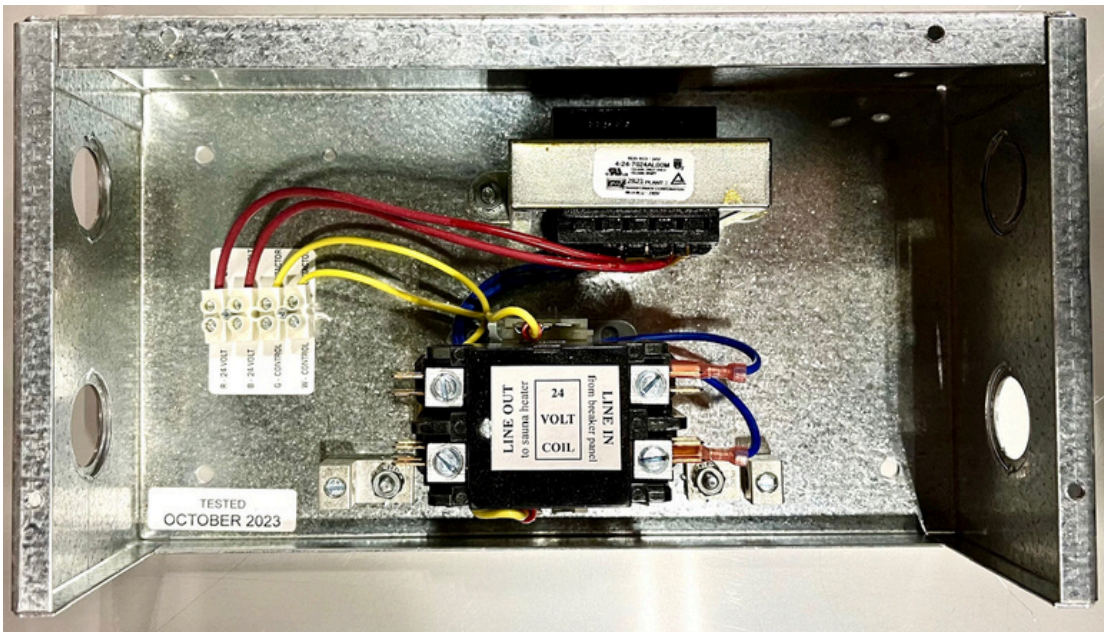
The Homecraft Digital control will fit a standard 2-gang electrical box to house the digital wall-mount control panel. It is recommended that the touchpad be installed on the outside of the sauna room and be protected from the weather. Maximum operating temperature is 50C (122F).

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.

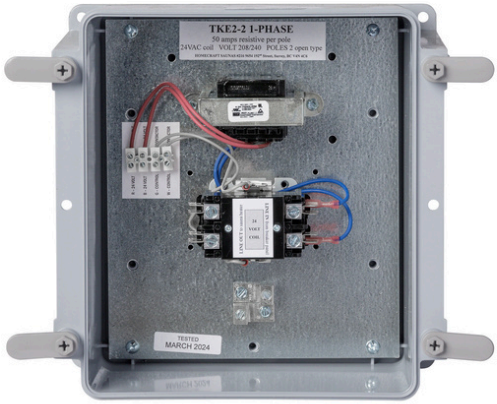


Connect the appropriate 18/4 wire from the touchpad to the corresponding letters inside the contactor box

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



Installing your outdoor contactor box

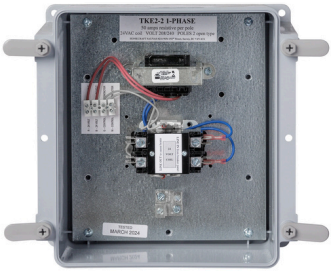


The outdoor contactor box is designed for easy installation of sauna heaters in an outdoor setting.

1: Mount weatherproof box on the outside of the sauna room
2. Drill the appropriate holes to the bottom of the contactor box to ensure water never enters the weatherproof box
3. Run the correct gauged wire from your main breaker to the contactor box and safely connect to the “line in” on the contactor (Note: use a watertight conduit fitting / strain relief bushing in the wire opening.)
4. Run the appropriate copper weatherproof *(tech 90 or equivalent)* wire from the “line out” to the sauna heater and install according to the sauna heater installation guide.
5. Connect the appropriate 18/4 wire from the sauna touchpad to the contactor box and connect according to the marked letters
6. Please note to use appropriate watertight fittings and waterproof wiring.

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

Note: Only the lug terminals should be used on the contactors for field connections.



** All cable or conduit must be routed through the bottom of the weatherproof box.

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 (2 YEARS – 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

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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.