

- Heat must be installed by a certified professional
- Heater must be installed according to local codes
- Do not touch the heater
- Do not cover the heater
- Never hose down the sauna
- Sauna door must always open outward
- Sauna door can never include a lock
- Do not install more than one heater in a room
- Only use an aroma-stone when using fragrances
- Never leave children unattended
- Sauna bathing is not suitable for those with health problems.
- Consult a doctor before using

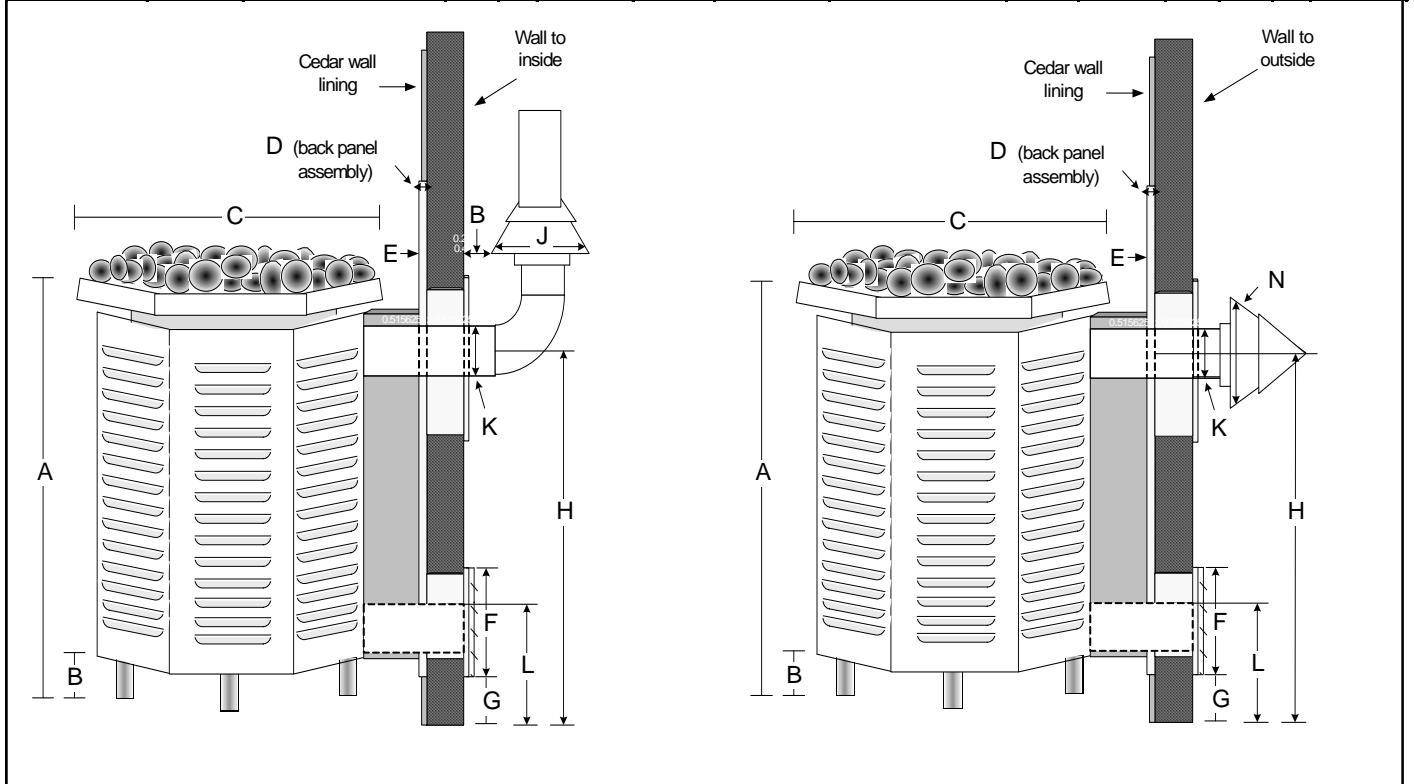
Sauna Room Venting Guidelines

Sauna room should be vented according to manufacturers specifications or Scandia sauna room specification found in the Scandia sauna installation instructions. Improper ventilation is dangerous for the health. Heater should be positioned near the door or on close to the door as possible without impeding traffic flow. The inlet vent should be below the heater or near the base of the heater. Outlet vent should be just below the top bench on the opposite side or near the opposite side of the heater.

Sauna Room Venting Guidelines

The sauna should not include a drain. The sauna should be constructed of cedar. Do not treat or varnish the sauna wood. Fill the heater only with Scandia high-density rocks. Check rock tray once a year cleaning all dirt and rock pieces. The warning signs and usage plaque must be displayed near sauna.

Models	Heater	Max Room Size	A	B	C	D	E	F	G	H	I	J	K	L
240 & 245	40,000	8x11x7	28"	4"	18 1/2"	2 1/2"	21" x 33"	8 1/4" x 13 1/4"	3 1/2"	24 1/2"	14"	7"	4"	10 1/4"
280 & 285	80,000	12x20x7	40"	6"	29"	4"	33" x 45"	8 1/4" x 16 1/4"	5 1/2"	32"	20"	12"	6"	12 1/4"



Note: Your Scandia Ultra Sauna gas sauna heater should be installed only by a licensed electrician and HVAC professional. Improper and unofficial installation will void warranty.

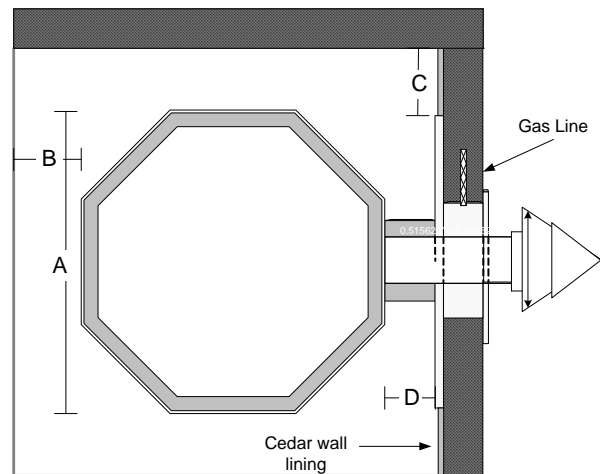
Roughing In

1. Set galvanized back-up wall in place on face of studs. Centerline of the flue hole must be a minimum of 17 1/2 from side wall for 40,000 BTU models and 26 1/2 for 80,000 BTU models. The metal tabs at the bottom are "spacers" and must rest on the finished floor. Nail to studs.
2. The sides and top of galvanized back-up wall are used as plaster grounds. If materials other than cement plaster are used, fit material to edge of galvanized panel. If wall is to be more than 3/4" thick, spacers must be used between stud and back-up wall.
3. Adjust vent and air intake collars on back-up wall to wall thickness. Each has plaster ground.
4. The rough-in portion of control box should be nailed on stud facing outside the room and as far from the heater as possible.
5. Place a nail 6" down from the ceiling on stud facing inside the sauna room. String a pull wire from the nail to the control box. Use this wire to bull thermo-bulb through the wall when the sauna room is finished. Do not bend the capillary tubing more than 90 deg at any point.
6. Run the supplied low voltage wire from the control box to the heater burner assembly bringing it through the air intake vent. An access hole has been provided on the vent. This is a three wire assembly, two are used one is a spare.
7. Run the gas line with shut off valve into the air intake vent through the hole provided. Connect the gas line into the base of the gas valve.

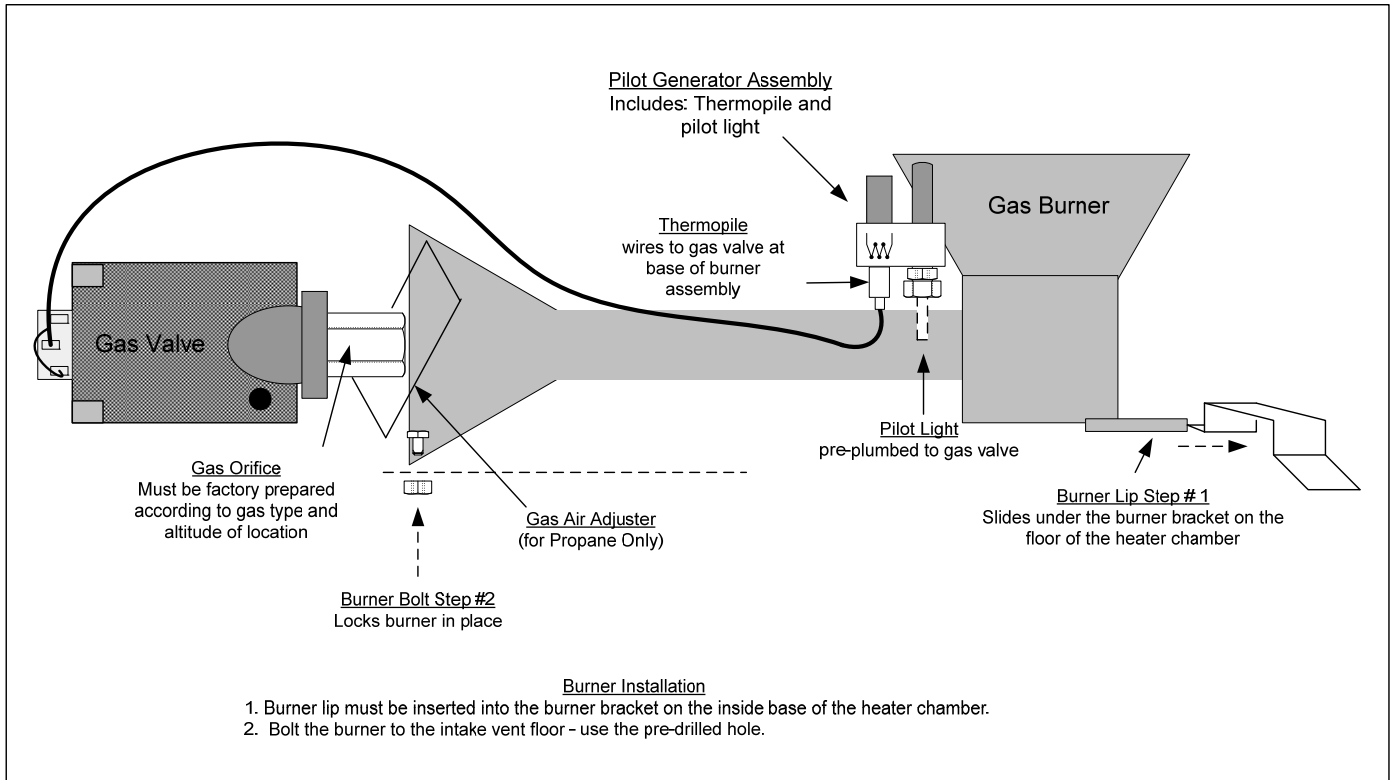
	40,000 BTU	80,000 BTU
A	18.5"	29"
B	8"	12"
C	7"	11"
D	2 1/2"	4"

Finish

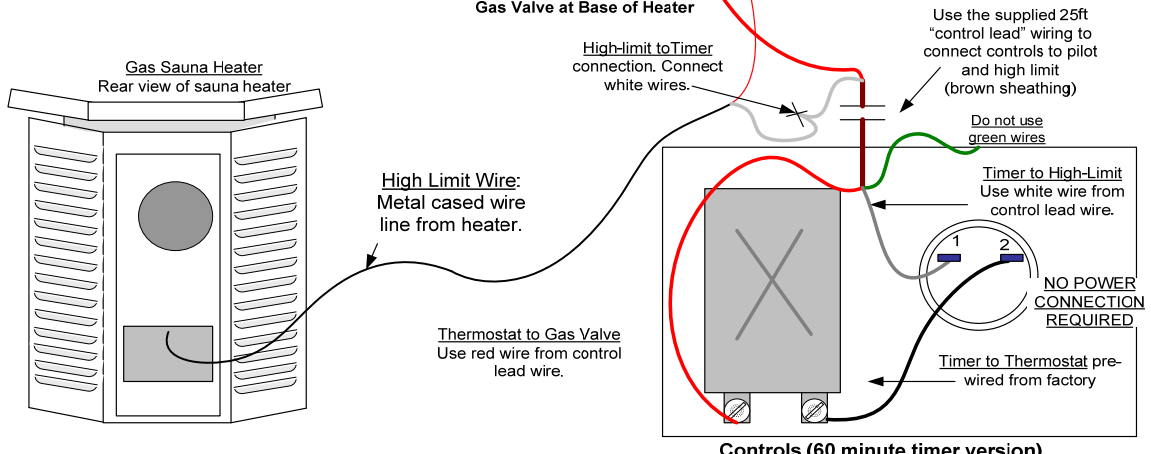
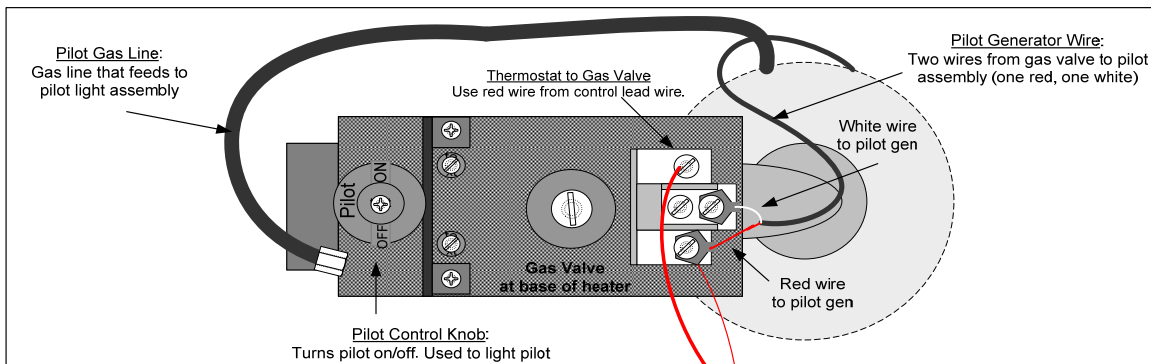
1. Place 1" fiberglass insulation into galvanized back-up wall.
2. Remove paper from stainless flashing and start screws to galvanized (do not tighten)
3. Slide heater into place, guide metal covered high-limit wires through the hole on the intake bracket. Secure heater to stainless steel flashing with two screws.
4. Tighten screws on the corners of the flashing.
5. Slip burner inside heater allowing the burner lip to fit under the burner bracket. Then bolt near end of burner to the intake channel.
6. Place caution sign on flashing above heater.
7. Hook up low voltage wires on gas valve (see attached illustration .
8. Install flue cap (outside wall) : or draft hood (inside wall).
9. Pull thermo-bulb through wall and attach six inches below ceiling as far away from heater as possible.
10. Install heater guard rail.



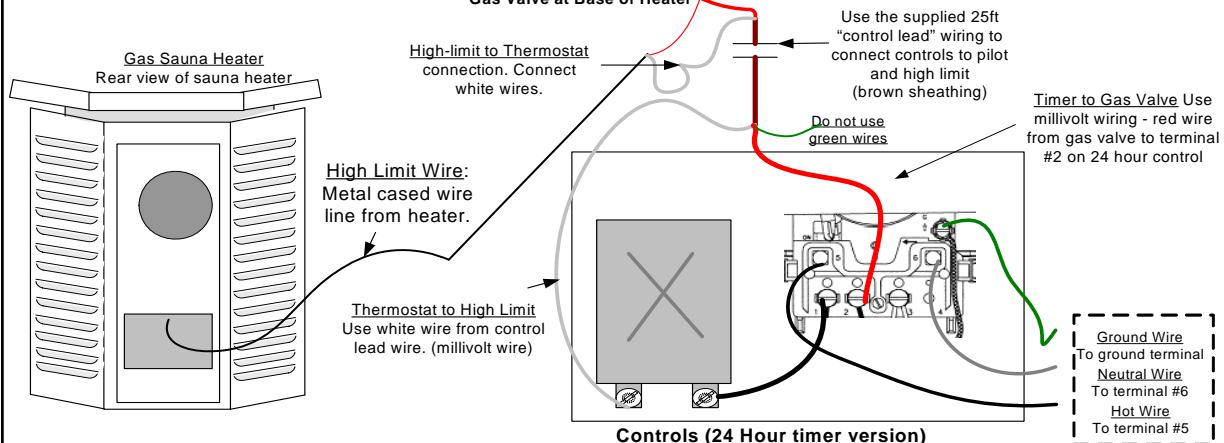
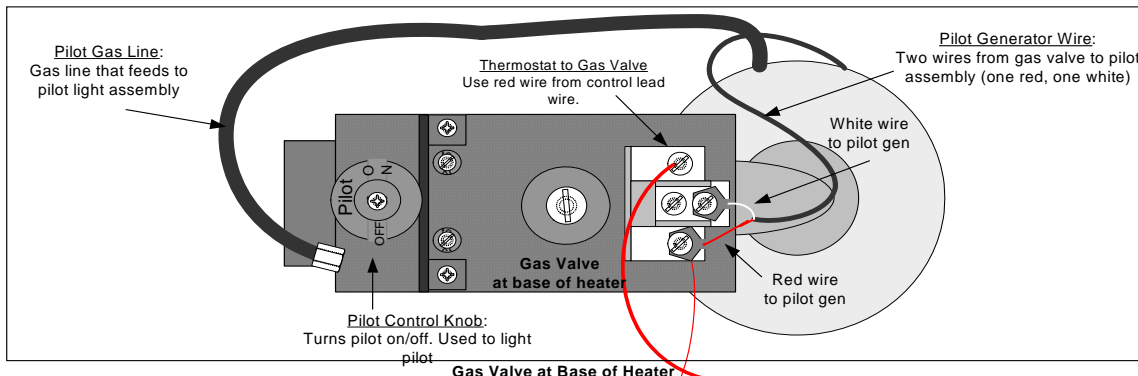
Standing Pilot



60 Minute Control Wiring Overview



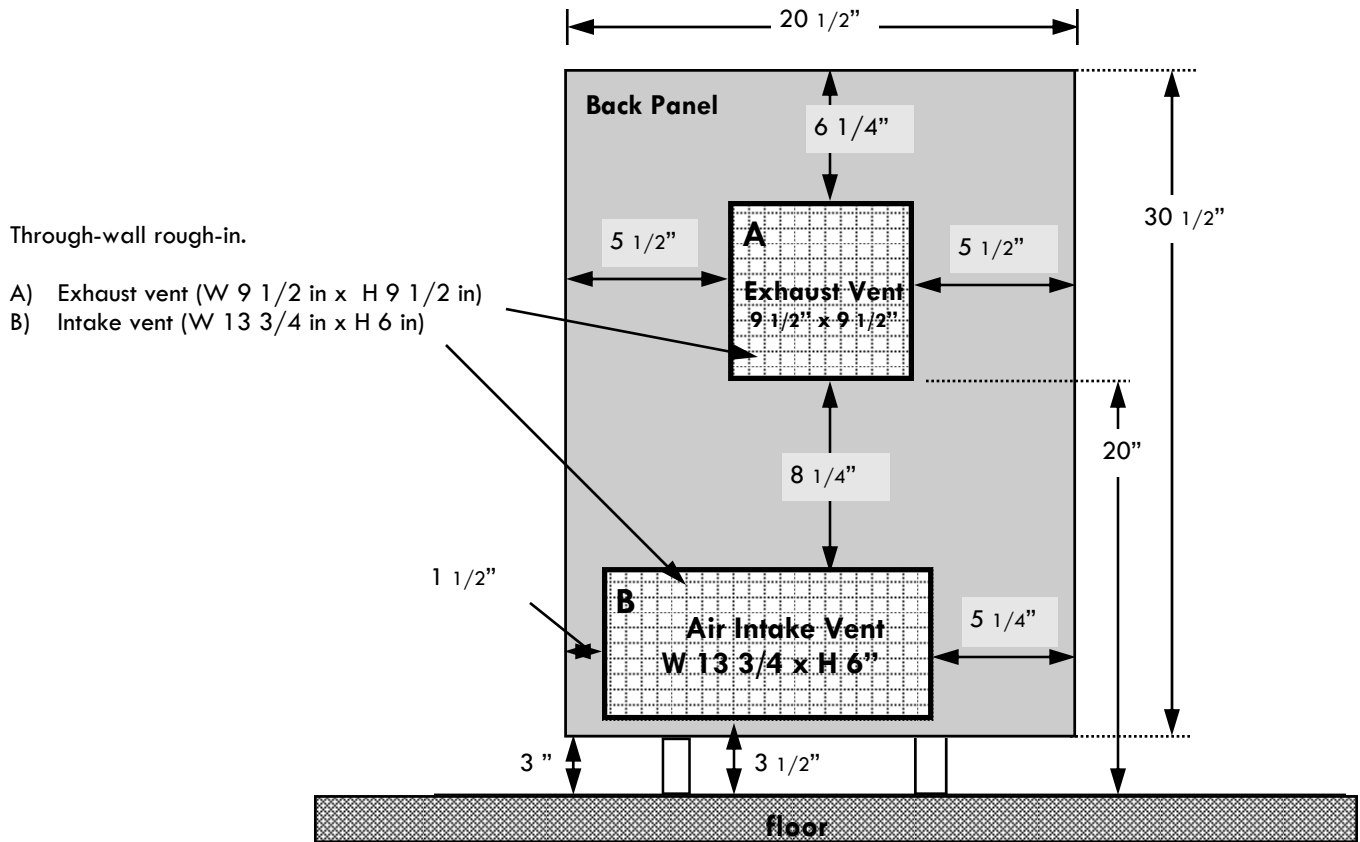
24 Hour Control Wiring Overview



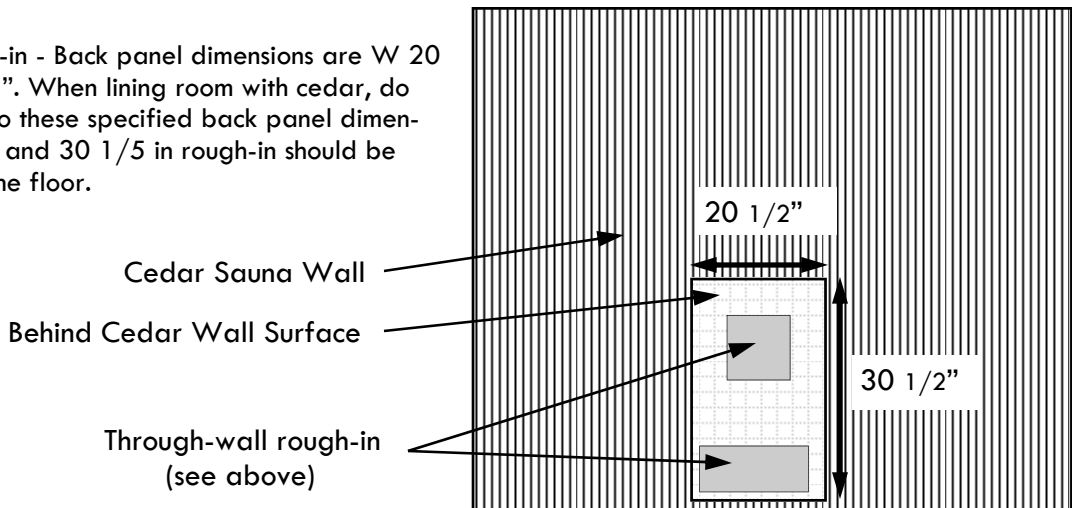
BACK PANEL ROUGH IN



To prepare or rough-in for your Scandia Ultra-Gas sauna heater, you must consider two area for rough-in. 1) the exhaust and air intake vents must be roughed-in through the wall extending to the outside. 2) the interior room cedar walls must be roughed-in to accommodate the back panel of the heater. NOTE: you must consult local code for all type B gas venting regulations and other gas appliance regulations before installing. Unit must be installed by a certified professional.

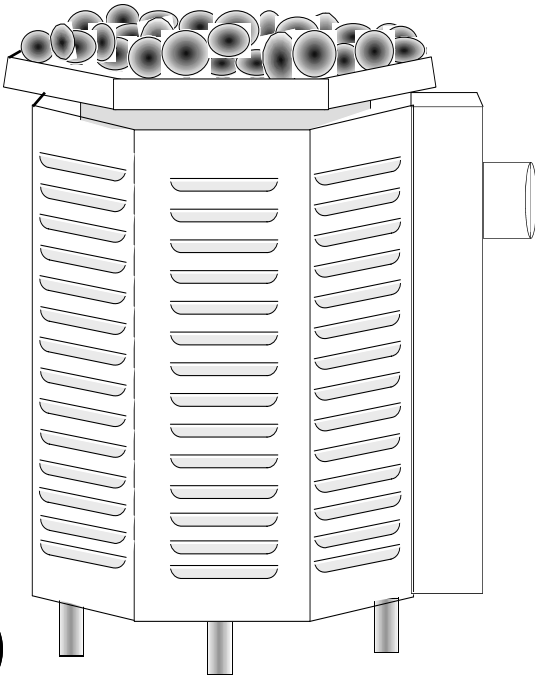


Back Panel Rough-in - Back panel dimensions are W 20 1/2" x H 30 1/2". When lining room with cedar, do not apply cedar to these specified back panel dimensions. This 20 1/2 and 30 1/5 in rough-in should be placed 3" from the floor.

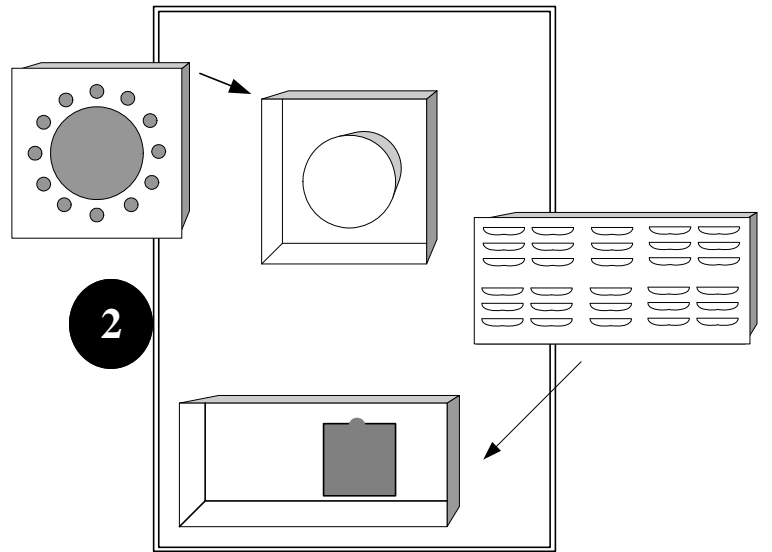


Heater Components List

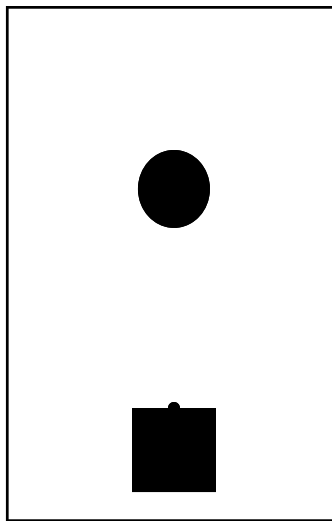
- 1 Heater Body Unit
- 2 Back panel w/external through-wall covers
- 3 Stainless steel flashing (internal back panel cover)
- 4 Venting component option (flue cap or draft hood)
- 5 Complete burner assembly (natural gas or propane)
- 6 Control box with cover, wires, knobs
- 7 Imported high-density sauna rocks



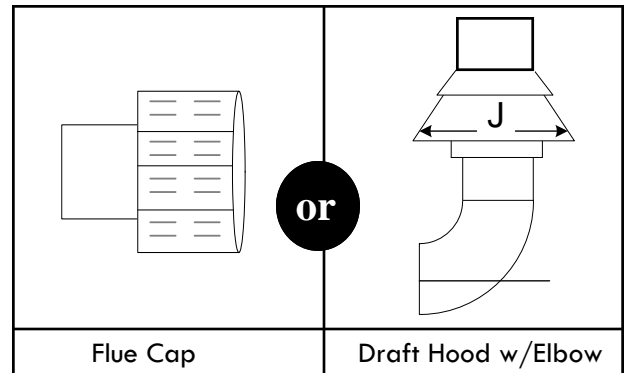
1



2



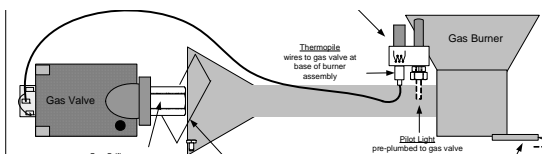
3



4

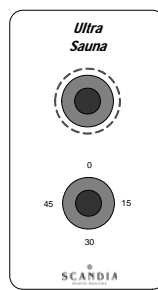
Flue Cap

Draft Hood w/Elbow

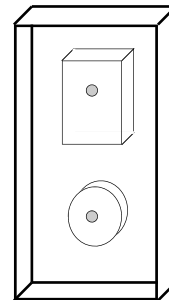


5

6



Model F



7

