

**Please read, understand, and follow all instructions and warnings in this manual before operating this product.**

### Safety Information



- This product is designed for indoor use only.
- Do not install above or near heat sources such as heaters, stoves, and radiators, to avoid fire risk. Hot-Tubes must be installed so if the product were to fall, it would not be on or near a heat source.
- Contains electronics. Do not install in a wet environment or allow to become wet.
- If you are not sure the ceiling where the Hot-Tube ceiling hook will be installed is free of pipes and electrical wiring, consult a professional.
- Make sure the ceiling hook is sufficient for your living space and activities. Avoid installation in high traffic areas.
- Always have an assistant support and help you when standing on a ladder or other object to attach the Hot-Tube to the ceiling hook.
- To avoid risk of fan injury, do not place hand or objects into exhaust duct. Do not allow infants or toddlers to play with, or be unsupervised around a Hot-Tube.
- Unplug Hot-Tube if dwelling will be unoccupied for more than 24 hours.



Thank you for purchasing a

### Hot-Tube Air circulation system

The information in this booklet and videos helping explain operation and placement are also available on our website.

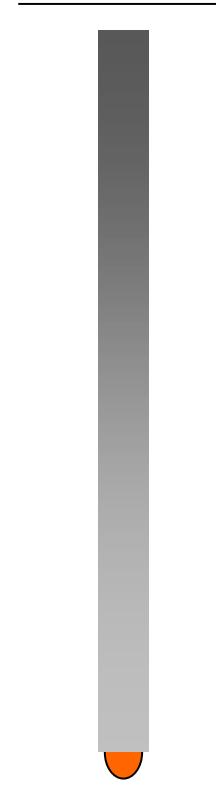
[www.Tube-Works.com](http://www.Tube-Works.com)



for product and service inquiries, contact:

**Tube-Works**  
[support@tube-works.com](mailto:support@tube-works.com)  
[www.Tube-Works.com](http://www.Tube-Works.com)

### Instruction manual Hot-Tubes



Share the warmth

## 1 Before Installing - the basics

Hot air rises from stoves and radiators, forming a layer of warm air close to the ceiling. This layer of warm air can extend far away from the source of heat. Hot-Tubes work by bringing that warmer air down to floor level. Warm air distribution is improved, and less heat is lost through your ceiling or roof.

## 2 Prepare your home

### First, eliminate drafts from leaky windows and doors.

Even a good heating system is challenged by a drafty house. With a few minutes and less than \$10 you can minimize cold drafts using window caulking cord and door weather stripping from the hardware store. This can be done even in the dead of winter, and can make a big difference - improving comfort and significantly lowering heating costs.

**Second, install a digital thermostat with timer** on your gas heating stove and anywhere you have typical old style mercury thermostats. Set them to a lower the temp at night and to bring the heat back up before you wake.

## 3 Decide where to install

**a) Central heat, with gas or wood stove.** In up to a moderately sized room with a stove, it's probably best to place the Hot-Tube by the wall furthest from the stove, and direct the air deflector back towards the heat source. Alternatively, direct the air deflector towards a well used seating area.

**b) Forced hot air / baseboard heating / radiators.** Same as above, but you may to experiment more to find the best spot. A small thermometer held near the ceiling can help make your decision.

**c) Heating a nearby room.** In the room where the heat source is located, place the Hot-Tube near the doorway and direct the vent through the doorway and into the adjacent room. Keep in mind Hot-Tubes don't work quickly. In the morning it might be necessary to rely on central heat first, at least until the living space becomes comfortable.

## 4 Installation and Operation

**a) Select a safe, effective location within reach of an outlet.** If you are not sure the ceiling area is free from pipes and electrical wiring, consult a professional

**b) Work safely.** Make sure area is clear and use a stable chair or short ladder to safely reach the ceiling. **Always** have an assistant support you and hand you what you need while working on a ladder.

**b) Insert included hook into the ceiling.** Pre-drill a hole in ceiling prior to installing the hook screw. For best results, bottom of hook should be no more than 1 inch or so from the ceiling.

**c) Attach foam dust filter (if included) between the lines at the top of the Hot-Tube.** The filter must extend beyond the rim of the inner core, and rest on top. Inspect and replace filter as needed.

**d) Make sure bottom deflector opening faces desired direction.** The power cord should be placed in one of the notches found in the retaining rim of the deflector.

**e) Turning on the Hot-Tube.** Plugging the power adapter into the wall and the barrel plug of the cord into the socket at the bottom of the lower disk starts the fan immediately. If your version has a switch, press it once to speed up or slow down the fan. On the inside of the air deflector a thermometer strip (if included) shows the temperature. Many people will not perceive vented air as warm if it's less than 70 degrees.

**f) Turning off the Hot-Tube.** To shut off the Hot-Tube unplug the DC connector from the Hot-Tube or the DC power supply from the AC outlet. Running a Hot-Tube 24/7 costs only pennies each month, so leaving them running constantly during the winter is recommended. For safety and efficiency, unplug the Hot-Tube if the room will be unoccupied for more than 24 hours.

## 5

**Can I plug the Hot-Tube into a timer?** Yes.

**Can I connect a thermostat?** Yes but it's not recommended. It would only work if you were to place the sensor at the heat source or the ceiling close to the heat source.

**How efficient is a Hot-Tube?** Very. Hot-Tubes are double walled for insulation and move warm air quickly from the ceiling to the floor. In testing, air temperature at the vent is within a degree of the air at the top of the Hot-Tube. Using the formula for Sensible Heat, if the air temperature near the lower vent is 65 F and 75 F at the ceiling, approximately 10,000 BTU's per day can be moved downward per tube. In addition, by breaking up the stratification of stagnant warm air at the ceiling and lowering the overall rate of heat loss, overall room comfort increases. Hot-Tubes use very little electricity. Depending on the model, Hot-Tubes cost less than a quarter to perhaps 50 cents a month to run 24/7.

## 6

### Warranty Information

**Hot-Tubes have a 1 year limited warranty.** Should this product not function properly under normal use within 1 year of your purchase, contact Hot-Tubes for return information. Hot-Tubes alone will determine if the problem is due to a manufacturing defect. If so, Hot-Tubes will repair or replace the unit at its discretion and return it to you free of charge. This warranty does not cover damage or failure caused by normal wear, misuse, negligence, or accidents. This warranty applies only to the original purchaser - proof of purchase is required.

All implied warranties required under law are limited to one year. Hot-Tubes shall not be liable for any incidental or consequential damages whatsoever. This warranty gives you specific legal rights. You may also have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation or exclusion of implied warranties, so the above exclusions or limitations may not apply to you.