Frequently Asked Questions
FOR DESIGNERS & INSTALLERS

Q: How big does the tank hole need to be?

A: Our popular H-600 "BNR-Series" tank measures 14'L x 6'W x 6'H; the excavated and prepared hole should be at least **16'L x 8'W** with a level and prepared base (NOTE: the hole depth varies depending on location/depth of the home's sewer line).

Q: How much does the Hoot System weigh?

A: The H-600 "BNR-Series" reinforced concrete tank weighs 20,000 pounds.

Q: Does the headwork's box need to be assembled on-site?

A: NO! The headwork's box is already assembled and ready for the quick installation of the pump (NOTE: all of the PVC within the Hoot System's headwork's box is 1-¼", so stock various reducers).

Q: What are the power requirements for a Hoot Treatment System?

A: The Hoot Treatment System requires a 30 AMP dedicated breaker (110 volts) with a disconnect box within sight of the system. The controller includes a 9 volt rechargeable battery as back-up for a power failure.

Q: Does the auto-dialer require a dedicated phone line?

A: No, the auto-dialer system requirements are a standard telephone dial-up service extension and 120 VAC power source (powered by the Hoot controller).

Q: What are the installation options for the controller / auto-dialer and blower?

A: There are various placement locations for the above-ground equipment (control panel & blower): 1) **tank-top mount**, where the equipment is located directly above the tank; 2) **remote mount**, where the equipment can be located up to 50' away from the tank. In either situation, the controller should be securely mounted on a backboard or the side of the house in a place where the homeowner can easily see it.

Q: How many risers can be installed over each port?

A: It depends on the grade of the property in relation to the tank, but S.O.S. recommends that NO MORE THAN FOUR risers be used for each port, so that access to critical interior parts is not impeded.

Q: How long does it take to install a Hoot System?

A: All site conditions are different, but it typically takes two full days to complete a Hoot Treatment System installation. The reverse side outlines the basic installation procedure.

9175 Kiefer Blvd #199 ● Sacramento, CA 95826 ● Phone: (877) 888-4668
www.sosonsite.net

Common Installation Materials

Installers should stock various materials to support the successful installation of a Hoot System:

- ❑ PVC check-valves of the appropriate size for the dripfield supply/return lines (verify from plans; normally 1" or 1-1/4") – **three check valves per installation**
- ❑ ABS two-way cleanouts (3" or 4" to match homeowner's sewer line)
- ❑ 4" to 3" ABS reducers (the Hoot tank's trash trap inlet is 4")
- ❑ 4" ABS "T's" (all hub)
- ❑ ½", ¾" and 1" PVC: electrical conduit (grey), sweep 90's, male/female adapters, couplers, & LB's
- ❑ 1-¼" PVC: conduit, 90's, 45's, male/female adapters, & couplers
- ❑ PVC reducers: ¾" to ½"; 2" to 1-¼"; 1" to ½"
- ❑ ½" and ¾" flex conduit with 90° & straight connectors
- ❑ RJ-11 blocks
- ❑ 2" couplings (various sizes)
- ❑ 30 amp disconnect & appropriate fuses
- ❑ Clear 100% silicone caulk (Silicone II)
- ❑ Ramneck, concrete, grout & gravel, as needed
- ❑ Necessary primers & glues
- ❑ H-frame backboard for equipment (if tank-top mount)

The following wires are needed for each Hoot installation:

- CAT 5 #24 awg 4-pair wire (for phone connection)
- #10 and #12 awg black
- #10 and #12 awg white
- #10 and #12 awg green
- #14 awg black

Ten-Step Installation Procedure

The Hoot Treatment System is the easiest advanced wastewater treatment system to install:

1. Excavate, smooth & level tank hole – set tank in hole
2. Connect sewer inlet & sanitary tee in the Pretreatment Tank
3. Partially backfill around tank & fill tank with water
4. Install headwork's riser & bring riser access ports to grade
5. Connect water pump to headwork's riser & run electrical conduit to Controller
6. Install sensor probe & run conduit to Controller
7. Connect Blower plumbing air-line to tank & run electrical line to Controller
8. Install the Hoot Controller & NSF Auto-Dialer & complete all wiring connections in Controller & Dialer
9. Install & connect dripfield equipment, backfill tank
10. Power-up system!