Fuji Clean USA Installation Procedure Checklist

Note: Please consult Installation Manual for detailed instructions.

Unloading Instructions:

☑ Upon delivery, inspect Fuji Clean tank, both outside and inside for possible damage incurred during transport. If you find damage, or have a question, please contact your distributor immediately.

☑ Step 1: Prepare excavation to be at least 1 to 2 feet larger than the Fuji Clean tank dimensions. Note: Riser height should not exceed 24”.

☑ Step 2: Prepare 4”-6” bed of stone (¼” to ½”), level to within 1/8”.

☑ Step 3: Use 4-point lifting lugs. Carefully lower and set tank. Level to within 1/8-inch.

☑ Step 4: If any part of the tank is below the estimated seasonal high water table, adequate tank uplift restraint measures should be taken. Please refer to Installation Manual for recommended options.

☑ Step 5: Re-check that tank is level to 1/8-inch, (fore and aft as well as side to side) and then fill tank with fresh water to the low water line (marked inside tank). Start 24-hour water tightness test. (Please contact your distributor or Fuji Clean USA if water level has dropped after 24 hours).

☑ Step 6: Backfill about ¾ way up tank in layered, compacted 6” lifts using peastone or equivalent material that form-fits into tank corrugations.

☑ Step 7: Using supplied adaptors and fittings, attach air pipe fitting to tank and connect to ¾” or 1” conduit in prepared trench (min. 6” deep) to location of air blower. Please note: flexible irrigation line, 100 PSI Max, may also be used for the airline.

☑ Step 8: Locate blower within 100-ft. of treatment tank with no more than 5 elbows. If site conditions prevent this configuration, please contact your distributor or Fuji Clean USA for technical assistance.

Air Blower shall be:
✓ in as close proximity to control panel as possible
✓ on a solid (e.g. concrete) pad to minimize vibrations
✓ in a location above water level
✓ away from grease exhaust fans.
✓ away from bedroom windows and other locations where operational sounds (although minimal) may be a nuisance
✓ in a location that allows unencumbered access for inspection and maintenance activity
✓ with proper electrical grounding
✓ with wiring and electrical connections made by a licensed electrician.
✓ with no objects on top of electrical cord.
✓ in a well-ventilated space out of direct sunlight and protected from elements such as direct rain or snowfall.

Fuji Clean USA ● 41-2 Greenwood Road ● Brunswick Maine 04011 ● Tel: 207-406-2927 ● Fax: 207-406-2929 ● www.fujicleanusa.com
Fuji Clean USA Installation Procedure Checklist cont.

**Alarm Panel shall be:**
- in a well ventilated area as dry and protected from elements as possible
- in as close of proximity to MAC Blower as possible
- wired by qualified electrician
- in a location that allows unencumbered access for inspection and maintenance activity

- **Step 9:** For cold climate installations, please install insulated risers and covers and cover upper half of treatment unit with min. R-8 value insulating material (i.e. foam board)

- **Step 10:** Float switch electrical cord should exit riser wall through a male adaptor (caulked watertight to prevent septic gas leakage) or watertight fitting. An interior connection to direct burial cable is also an acceptable option.

- **Step 11:** Prepare Tank Inlet and Outlet for 4” Sched. 40 Inlet and Outlet Lines (secure with PVC cement).

- **Step 12:** In nearly all cases, the Fuji Clean system will vent properly through the house septic influent line. In cases where there is an influent pump, or in severe downdraft locations, a separate vent should be considered. If you do choose to install a vent, be sure that the vent slopes toward the tank so that any moisture accumulation drips back down toward the tank.

- **Step 13:** During final landscaping, seeding etc., be sure to pitch final grade away from covers to sweep surface water away from treatment tank.

- **Step 15:** Finalize Controller Wiring. Please have licensed electrician refer to wiring diagram (in Installer Manual and enclosed separately in alarm/control panel). Upgraded Fuji Clean USA controllers are available if telecommunications, elapsed time meter or other functions are required. Please contact Fuji Clean USA for details.

- **Step 16:** Follow start-up procedure detailed in Installation Manual:
  - 1. Outside Environment Check.
  - 2. Blower Box Check.
  - 3. Blower Operation and Blower Alarm Check
  - 4. Water Level is at LWL.
  - 5. High Water Float Switch Check.
  - 6. Set Recirculation Control Valve. (gray)
  - 7. Check Recirculation Flow Rate.
  - 8. Check/Set Aeration Balance Control Valve (blue).
  - 9. Check/Set Effluent Airlift Valve (white).
  - 10. Check Effluent Airlift Pipe.
  - 11. Add Disinfectant Tablets to Chlorinator (if appropriate)
  - 12. Check Alarm/Control Panel
  - 13. Final Site Preparation
  - 14. Owner Communication - Service Provider and Manual Delivery