



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 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 **MACBlower** 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