



**Boom Concrete, Inc.
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Boom Clovermist Toilet Installation



1. Vault Installation

The vault is rigged with a cable, strap, or chain and a spreader bar. We use a spreader bar with loops on each end and cable. The cable is placed in the groove on each end of the tank and must be long enough to miss the clean out pipes. When tension is applied the tank can be lifted and placed in the hole. The tank weighs 14,000 pounds. Excavate hole: **The hole should be 13'6" long by 9'6" wide and 53" deep.**





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Boom's Clovermist Installation Instructions

The vault is **4'5" high, 12'5" long by 9' wide** and the top of the vault should be at grade. When the building is put in place, the finished floor will be **5" above grade**. Compact the bottom of the hole and level. The toilet floor may slope 1% percent towards the front of the toilet.



The 3/4" septic tape is installed around the tank and on the center wall.



We now have a new easier to use cleanout for the Plus and Double models. The new cleanout has a 21" X 35" Stainless Steel door for easier access.





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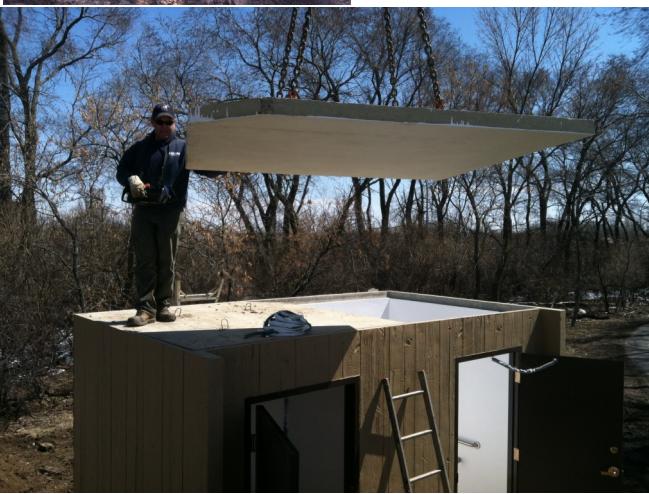
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2. Building Installation - The toilet body is lifted by attaching 4 cables to the lifting hooks cast in the floor - two in each toilet. Use the four supplied lifting tension clevis to attach four cables or straps that are at least 20' in length with care taken to have long enough cables or straps as to not rub the center wall. The main toilet body weighs about 24,000 pounds.



The body is set on the vault with the back and side walls flush with the vault. The septic tape will make a water tight seal.



3. Ceiling Panels
The ceiling panels will have four liftings hooks to lift and set in place. Make sure the vents are lined up with the angled corner. When the panels are in place use the white caulking to seal the inside seam between the ceiling panels and the wall panels.





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The green septic tape can be placed around the perimeter of the toilet body in preparation of the roof being set in place. The tape should be placed on the seam.



4. Roof

Use the lifting hooks to attach the roof and set in place on top of the toilet body. The roof weighs 12,000 pounds.



5. Patch the lifting hook holes in the toilet floor and paint.



Caulk between the roof and toilet body.



Place the black vent pipes and wedge in place. Use the supplied caulking to seal the gap between the pipes and the concrete roof. A tarp strap between the two pipes helps hold them together until the caulking is cured.

