

BIO-DYNAMIC® TABLET FEEDERS

Potable Water Disinfection for Remote Locations



THE BASIC PROCESS

Potable grade water from a well, borehole, or surface water source is pumped up to the top of the existing water storage tank. At the top of the tank, the incoming water line is channeled into a two inch PVC Schedule 40 pipe. A tee closely follows the expansion fitting allowing the incoming water to flow either through the tablet feeder or directly into the water storage tank. A two inch ball valve is used to control the percentage of incoming water that passes through the tablet feeder. Typically, between 10% to 30% of the total flow through the tablet feeder provides a sufficient chemical dose to accomplish disinfection. The two water streams then mix in the storage tank where the disinfection process occurs. The tablet feeder will treat approximately three million liters of potable water before being refilled with disinfecting tablets.

ADVANTAGES & FEATURES

- Positive protection against waterborne disease
- Easily installed into existing water systems with local supplies
- Low cost, low maintenance and no skilled operator required
- Simple operation, virtually indestructible construction
- No power required