



Setup & Operation Instructions for Milkplan Bulk Tanks

Step One: Place bulk tank in desired location. Each tank has (4) leveling feet that can be rotated to add or remove height. Adjust feet until bulk tank is level.

Step Two: Clean and sanitize the inner and outer surfaces of the tank using the recommended procedures below:

- Spray surfaces of bulk tank with clean, warm water. Do not spray compressor, agitator, or control panel directly.
- Fill a bucket with 1-2 gallons of hot water and ¼ cup of Dairy Equipment Cleaner and stir to dissolve cleaner.
- Using an equipment brush with nylon bristles, scrub all stainless steel surfaces inside and out with the hot cleaning solution.
- Rinse surfaces with warm water.
- Spray all stainless steel surfaces with diluted acid detergent. This is recommended in order to eliminate milk stone and upkeep the passivity of the stainless steel.

***Recommended Dilution Rate for 36oz
Spray Bottle:***

6oz Acid Detergent + 26oz Water

- Let acid spray sit on surfaces for 2-5 minutes before rinsing with warm water.

Step Three: Before milking, sanitize by mixing 1-2 gallons hot water with ¼ cup Al-Chlor (or other chlorinated sanitizer). Apply to all surfaces (dip valve in solution as well) using a clean brush with nylon bristles. Rinse with hot water.

Step Four: Prepare tank for milk by attaching the sanitized butterfly valve. Valve should be in

the closed position. Plug the tank in and make sure it is OFF by checking that the red button in the center of the control panel is NOT lit.

Step Five: Start the milking process. Tank should NOT be turned ON. Once the milk in the tank reaches the agitator paddle, you can turn ON the bulk tank. This will begin the cooling process.

Step Six: The first milking should fill the tank enough to cover the agitator paddle. This will eliminate the risk of freezing. Subsequent milkings will cool faster than the first.

NOTE: *The bulk tank should never run without sufficient product in it. If you do not have enough after the first milking, reserve it and combine it with the second milking. If product freezes in the tank, it may void your warranty.*

Step Seven: Drain the milk from the bulk tank every 48-72 hours from the first milking. For draining, keep the tank turned ON until the agitator paddle is visible. Then drain the remaining milk with the tank OFF.

Step Eight: Before cleaning with hot water and acid detergent, we recommend removing all milk residue from the tank by rinsing with lukewarm water and giving the tank time to return to room temperature. Then follow the cleaning procedures on the left.

NOTE: *Avoid spraying water or chemicals directly at the compressor. Some water may be unavoidable and is okay. Inspect the compressor regularly for rust and corrosion. Bi-annually, spray lightly with protective lubricant.*