

Mueller® Sentry® III “ADB” Operating Instructions

MUELLER — THE MILK COOLING SYSTEMS SPECIALISTS™

COOLING BOTTOM UNIT(S) ONLY —

Turn selector to “Cool.”

- ▲ Press once to start bottom refrigeration unit(s) only. “Delayed Start” flashes to indicate programmable delayed start (0-120 minutes).
- ▲ Press a second time to by-pass time delay.
- ▲ To cancel, turn rotary selector switch off.

COOLING ALL UNITS — Turn selector to “Cool.”

- ▲ Press once to start all refrigeration units. “Delayed Start” flashes to indicate programmable delayed start (0-300 minutes after bottom unit).
- ▲ Press a second time to by-pass time delay.
- ▲ To cancel, turn rotary selector switch off.

PRE-START COOLING — Selector in “Cool” mode.

- ▲ Press once to pre-start cooling and lower the temperature from 37°F (2.8°C) to 34°F (1.1°C).
- ▲ Refrigeration unit(s) operate for a programmable time of 30 or 60 minutes, and then return to normal cool mode.
- ▲ Press a second time to cancel.

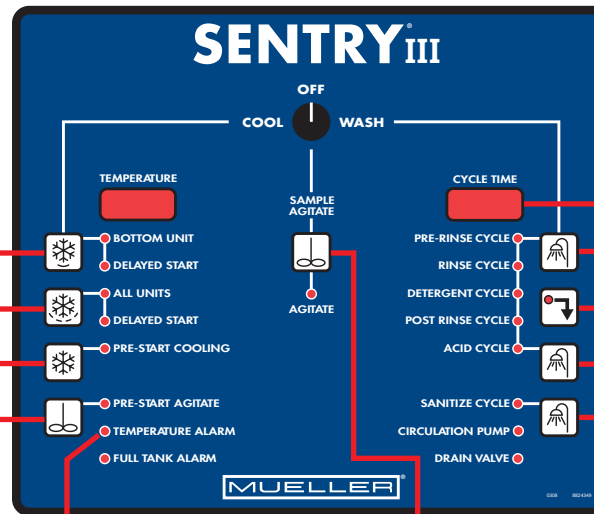
NOTE: The refrigeration units will turn off if the milk temperature drops to 34°F (1.1°C).

PRE-START AGITATOR — Selector in “Cool” mode.

- ▲ Press once to pre-start the agitator.
- ▲ Agitators operate for a programmable time of 30 or 60 minutes, then returns to normal cool mode.
- ▲ Press a second time to cancel.

Please refer to the Installation and Operation Manual for detailed instructions and precautions.

PLEASE POST NEAR THE SENTRY III CONTROL BOX!



COOLING ALARM — Red lamp flashes when milk is above 44°F (6.7°C) or below 34°F (1.1°C).

- ▲ Alarm lamp off when product temperature is between 35°F (1.7°C) and 43°F (6.1°C).

CYCLE TIME DISPLAY

WASH — Time left in Wash Cycle.

- ▲ “LWT” Low Wash Temperature Alarm.
- ▲ “ALM” Incomplete Wash.

COOLING — Bottom unit run time.

DOSING PUMP PRIMING — Turn selector to “OFF.”

Select pump to prime DETERGENT — ACID — SANITIZE:

- ▲ Press and hold the selected cycle switch for 15 seconds and pump will begin priming.

NOTE: See Cautions on reverse side.

DETERGENT (FULL WASH) — Turn selector to “Wash.”

- ▲ Press once to start Detergent Wash Cycle.
- ADVANCE — For service use only.**
- ▲ Press once — advances to drain of current cycle.
- ACID — Turn selector to “Wash.”**
- ▲ Press once to start Acid Cycle only.
- SANITIZE — Turn selector to “Wash.”**
- ▲ Press once to start Sanitize Cycle only.

NOTE: To cancel any specific cycle, turn rotary selector switch off. If cancelled and restarted, cycle will start at the beginning.

SAMPLE AGITATE — Turn selector to “Off.”

- ▲ Press once to start agitation for milk sample.
- ▲ Agitator will run for a programmable time (5 or 10 minutes) for milk hauler sampling.
- ▲ Press a second time to cancel.



CAUTION

- ▲ **Wear eye protection, rubber gloves, and aprons when handling chemicals.**
- ▲ **Follow all instructions, warnings, and health hazard information provided by the chemical manufacturer.**
- ▲ **Request a copy of the Material Safety Data Sheet (MSDS) for each cleaning chemical in use. Keep these readily available and be familiar with the first aid instructions and emergency contacts in case of a chemical accident or spill.**
- ▲ **Keep all chemicals out of reach of children.**
- ▲ **Only use cleaning solutions and materials specifically recommended for stainless steel and approved for food handling equipment.**
- ▲ **Never use more chemical than called for by the chemical manufacturer's instructions. Excessive use of cleaning chemicals can corrode and cause permanent damage to the stainless steel.**
- ▲ **Do not sanitize your milk cooler with solutions containing in excess of 200 parts per million of chlorine. This can cause permanent damage and corrosion to the stainless steel.**
- ▲ **Never mix any chlorine containing compounds with acid. This can result in damage to the stainless steel and can generate a hazardous gas dangerous to your health.**
- ▲ **Never wash the milk cooler with water temperatures exceeding 170°F (76.6°C).**
- ▲ **Never allow tools, clamps, or other wet objects to lie on the surface of the milk cooler.**
- ▲ **Keep all surfaces of the milk cooler clean.**
- ▲ **Never use abrasive materials on the stainless steel.**
- ▲ **Never put cleaning chemicals in an empty milk cooler. Always have water in the cooler first for proper chemical dilution.**
- ▲ **The milk cooler's vent assembly must be in place at all times. This milk cooler is not designed for pressure or vacuum applications. Severe damage can occur if not properly ventilated.**
- ▲ **Before entering the milk cooler, disconnect power to the agitator, remove and retain manway cover latch, and remove footwear that could scratch the stainless steel. An additional person must be present for safety purposes during confined entry.**
- ▲ **Always open manway cover for additional venting while the milk cooler is being emptied.**
- ▲ **Inspect the milk cooler ladder hardware on a regular basis. Never climb a ladder which is in need of repair.**