

Mueller® HiPerForm® III Operating Instructions

MUELLER — THE MILK COOLING SYSTEMS SPECIALISTS™

COOLING BOTTOM UNIT(S) ONLY

- Press once to start the bottom refrigeration unit(s) only. DELAYED START flashes to indicate programmable delayed start (0-120 minutes).
- Press a second time to bypass the time delay.
- To cancel, press the OFF switch.

COOLING ALL UNITS

- Press once to start all refrigeration unit(s). DELAYED START flashes to indicate programmable delayed start (0-999 minutes after bottom units).
- Press a second time to bypass time delay.
- To cancel, press the OFF switch.

PRE-START

- Press once to pre-start agitation for 30 or 60 minutes.
- Press a second time to pre-start cooling and lower thermostat setpoint temperature to 34°F (1.1°C) for 30 or 60 minutes. After the programmable 30- or 60-minute time period expires, the refrigeration unit(s) return to the normal cooling mode and setpoint settings.
- Press a third time to cancel the pre-start function.

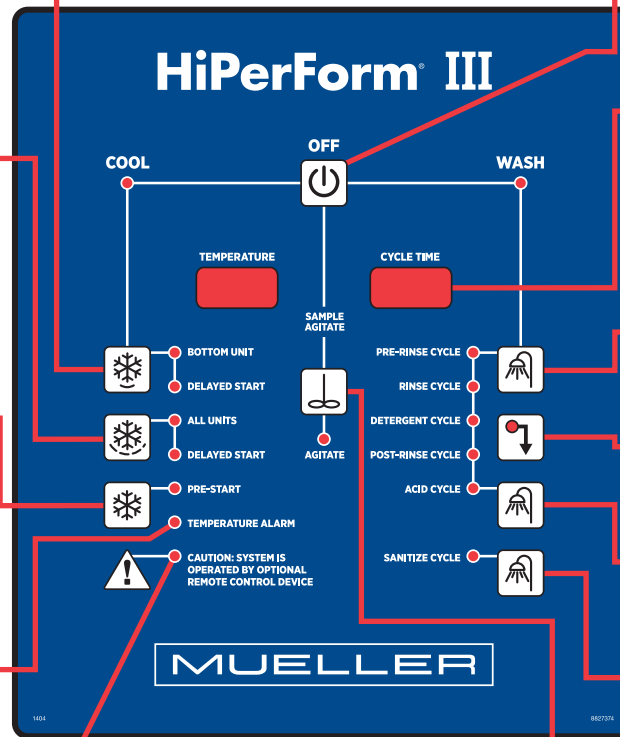
TEMPERATURE ALARM

- Alarm LED flashes when the milk temperature is above 44°F (6.7°C) and temperature alarm delay has expired, or alarm LED flashes with no delay below 34°F (1.1°C).
- Alarm LED is off when milk temperature is between 35°F (1.7°C) and 43°F (6.1°C).

REMOTE CONTROL

- If remote control LED is energized, the HiPerForm III is being operated by an optional robotic interface control.
- Remote control LED should never be energized if an optional robotic interface control is not installed.
- See optional robotic interface instructions.

Please refer to the installation and operation manual for detailed instructions and precautions.



OFF SWITCH / E-STOP

- Press once to E-STOP system operation or when moving between wash and cooling modes.

CYCLE TIME DISPLAY

- During Wash Mode: Displays countdown of minutes remaining to complete the full wash cycle and LWT at the end of the wash cycle, if programmed minimum detergent wash cycle temperature is not achieved.
- During Cooling Mode: Displays the bottom refrigeration unit run-time in 1/10th hours. Run-time is reset when system passes through the OFF mode.
- During Sample Agitate Mode: Display countdown of minutes remaining to complete the sample agitate time.

DETERGENT (FULL WASH)

- Press once to start the full detergent wash cycle.

ADVANCE

- For service use only: Advances to next wash cycle.

ACID CYCLE

- Press once to start an acid wash cycle.

SANITIZE CYCLE

- Press once to start a sanitize cycle.

SAMPLE AGITATE

- Press once to start agitation for milk sampling (the control must be in the OFF mode first).
- Agitator will operate for a programmable time of 1-30 minutes.
- Press a second time to cancel.

PLEASE POST NEAR THE CONTROL BOX!

See reverse side for cautions. →

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CAUTION

- Wear eye protection, rubber gloves, and aprons when operating equipment and 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 it is 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 that is in need of repair.