



HOT FILL SPRAY TANK SYSTEM

This Hotfill spray testing system is designed to provide a controlled method of spraying prefilled and capped containers with a water temperature of approximately 75 degrees Fahrenheit for a specific amount of time in order to test bottle consistency. An operator will prepare and place up to (10) containers onto a perforated stainless steel deck inside the testing chamber. Once loaded, the operator will close the chamber lid and activate the cycle by depressing a cycle start button on the control panel. Once activated, an electromechanical solenoid valve will pressurize the spray manifolds until the preset spray timer has timed out. At this time, the electromechanical solenoid valve will close and a cycle complete pilot light will be illuminated. The tested containers can then be removed from the chamber to be visually inspected as the next step in the process.

In the event the main water supply exceeds 80 degrees F, the RTD will signal an electromechanical solenoid 3/4" drain valve to open allowing the warm water to vacate the tank. As the level of warm water eventually drops, this will allow the float controls to be opened and allow cold ground water to be re-introduced to the tank supply bringing the water temperature back down to 75 degrees F. Once at the proper temperature, the electromechanical drain valve will close and allow the Telar Heating Unit to maintain water temperature through next cycle. If the plant's cold water supply is greater than 75 degrees Fahrenheit, the spray water temperature will be the cold water's temperature +/- 5 degrees F. An internal RTD will display the water temperature being supplied to the spray nozzles.



SPRAY TANK SPECIFICATIONS

Utilities: 460V/3Ø/50-60Hz, 80psi compressed clean dry air

TEN HEAD MANUAL OVERFLOW FILLER INCLUDES:

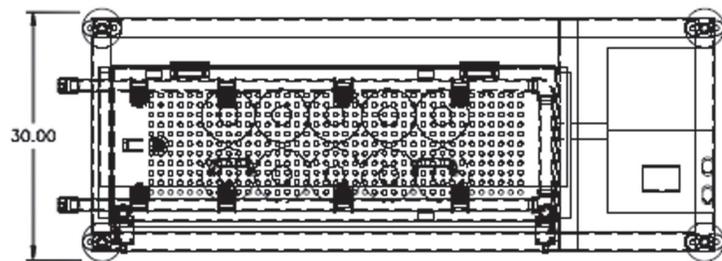
- 316 stainless steel overflow nozzles
- Heavy duty 304 stainless steel tubular frame
- 5/8" stainless steel product flow control valves with recirculation port design
- Stainless steel reservoir with overflow ports plumbed into recirculation tank
- Insulation and protective sheathing around product reservoir and tubing to maintain adequate temperature and minimize dissipation of heat
- Manual height jack for fill head adjustment
- High-temperature silicone tubing with stainless steel hose barb connections
- Precision temperature control unit to heat and recirculate water back to supply gravity reservoir
- Stainless steel recirculation tank with one high pressure check valve and float controls
- All pneumatic controls to cycle the filler
- Pneumatic foot switch controls to activate fill cycle
- Operator protective guarding with interlocking switches to ensure that the operator's upper & lower extremities are well protected from potential splashing or spills
- 10 ft. perforated Slide track conveyor with adjustable guide rails and stands



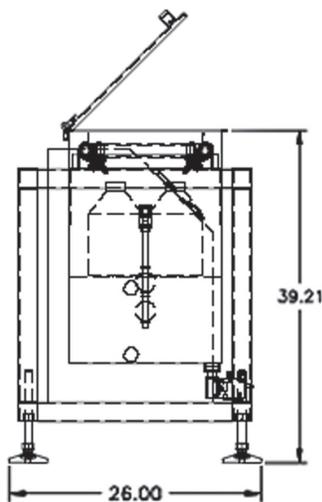


HOT FILL SPRAY TANK SYSTEM

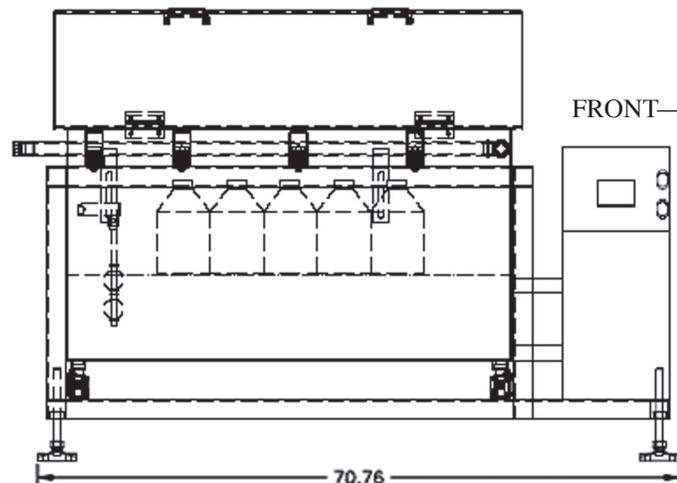
OVERALL DIMENSIONS



TOP



SIDE



FRONT

