

# CANNON EQUIPMENT DAIRY SYSTEMS

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## SERIES 6000 MILK CASE WASHER

Automatic Ultrasonic



# SERIES 6000 CASE WASHER SPECIFICATIONS

The Ultrasonic Case Washer achieves a new all-time high level of cleanliness for plastic cases by utilizing ultrasonic sound. In this unique system time, temperature, detergent, and mechanical energy each contribute to the removal of dirt (including static soil) from every surface of the case.

## GENERAL OPERATION

- Separate wash and rinse tanks minimize contamination of rinse water
- Automatic wash water filtration and removal of large solids from the wash tank (auto-filter debris bin capacity if one cubic foot of waste)
- Pull-out mesh filter drawers in the rinse tank and an additional filter screen in the auto filter allow for easy access to clean the screens and minimize debris entering the pumps
- Pull out filter drawers in the rinse tank and auto-filter
- 2" tank ports
- Sludge doors are provided for tank cleaning
- High capacity steam heat exchanger (steam connection and controls provided by the customer)
- 140° wash water is recommended, with a milk chemical solution not to exceed a ph of 8
- 360° coverage high pressure main and rinse spray bars
- Push button switches, limit switches and other control devices are all NEMA 4X rated
- Operating Speed: 100, 13 x 13 cases per hour
- Case Dimensions:
  - Cases MUST be in good condition including stack ring
  - 13 x 13: 12 ¾" width min, 13 ¼" width max  
10 ¾" height min, 11 ½" height max
  - 13 x 19: 12 ¾" width min, 13 ¼" width max  
10 ¾" height min, 11 ½" height max  
18 ¾" length min, 19 ¼" length max

## GENERAL CONSTRUCTION

- Stainless steel construction
- Tanks and filter housings are 14 gauge with 18 gauge covers
- Guide rails are a 5/8" diameter stainless steel rod
- Full canopy with access doors
- Main enclosure and junction boxes are NEMA 4x rated
- 4 ultrasonic transducers and generators
- Remote generator cabinet – requires a clean and dry location
- Wash Tank: 921 gallon capacity, usage: evaporation. Wash water make-up NPT port
- Rinse Tank: 188 gallon capacity, usage: 120 gallons/hour. Rinse water make-up: ¾" NPT port
- Auto-Filter: 42 gallon capacity, usage: 43 gallons/hour
- Hood Vent: knockout provided, vent is by others

## POWER REQUIREMENTS

- **Electrical:**
  - Pumps – 7.5hp, 3hp, 230 / 460 volt. 3 phase, 30/15 amp
  - Filter Drive – .2hp, 230 / 460 volt. 3 phase, 1 / .2 amp
  - Controls – 120 volt, single phase, 20 amp
  - Ultrasonic – 230 / 460 volt, single phase, 30 amp
- **Steam:** Estimated 800 lb/hour start up (704,000 btu), estimated 500 lb/hour running (440,000 btu). Steam supply and control by others

## OPTIONS

- Case wheel drive
- NEMA 4X stainless steel operator panel



Main Control Box



Large Sludge Doors



4 Ultrasonic Transducers



Series 6000 Submersion Tank



Series 6000 External Hook-ups

Materials and specifications are subject to change without notice



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