



## Butter Melting Tank With Grill, 400 Gal



### Description

The Butter Melting Tank with Grill is ideal for melting butter, lard, chocolate, gums, and other solid products and is designed with unique features for easy maintenance, reduced labor and improved safety.

### Main Dimensions

- Working capacity of 400 gallons
- 62.5" I.D. inner shell x 48" straight wall x 67.5" O.D. outer shell - 90" approximate overall height from floor to top of agitator motor
- Dome top is 65-1/8" O.C. 10 gauge standard flanged and dished
- (4) 2" SCH 10 stainless steel adjustable pipe legs and reinforcing pads

### Materials

- 316L stainless steel product contact surfaces
- 304 stainless non-product contact surfaces
- Insulation is 1-1/2" fiberglass with a thermolux 70 barrier on sidewall and bottom head



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## Technical specifications


### TANK DESIGN:

- ATMOSPHERIC PRESSURE AND ZERO VACUUM AT 200°F
- HEAT TRANSFER SURFACE: 75 PSIG AT 0° TO 300°F
- MELTING GRATE: #4 TUBULAR PIPE WITH BAFFLES TO DIRECT THE FLOW OF WATER. ONE 1-1/2" WATER INLET, ONE 1-1/2" WATER OUT. HEADERS ARE 1-1/2" PIPE TIED TOGETHER WITH 3/4" PIPE
- TURBINE AGITATOR: 3/4 hp @ 35 rpm, 3/60/460-230 VAC, INCLUDES ONE 14" DIAMETER PROP 10" OFF THE BOTTOM HEAD. MIXER SHAFT ENTERS THROUGH A 3.0" PULLED PORT WITH A 4" TEFLON 2-PIECE PORT COVER
- CIP SPRAY DEVICE: THREE DUAL SPRAY DEVICE WITH 1-1/2" SANITARY CLAMP CONNECTION INLET WITH A TOTAL FLOW RATE OF 180 GPM @ 25 psi
- CONNECTIONS:
  - ◆ (1) THERMOMETER WELL. TEM-TEX PROJECTILE TYPE WELL FOR DIAL THERMOMETER ON THE SIDEWALL
  - ◆ (1) 4" SANITARY VENT ASSEMBLY: REMOVABLE SANITARY VENT WITH COVER CAP INSTALLED ON A TUBE STUB CONNECTION IN THE TOP HEAD
  - ◆ (1) 2" SANITARY FLUSH CONNECTION ON LOWER SIDE WALL FOR LEVEL SENSOR
  - ◆ (1) 3" TRI-CLAMP FERRULE - SUMP OUTLET
- OUTLET: BOTTOM OF THE OUTLET IS 13" ABOVE THE FLOOR
- MANWAY: HINGED AND GASKETED ACCESS DOOR WITH PNEUMATIC CYLINDER ASSIST LOCATED IN THE SIDE OF THE VESSEL
- INTERIOR & EXTERIOR FINISH: #4 FINISH (180 GRIT)
- WEIGHT, EMPTY, IS APPROXIMATELY 2800 LBS



### CONTACTS

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