PRODUCT DATA SHEET

SVC Cottage Cheese Vat

Overview

The RELCO® SVC Cottage Cheese Vat is a 3-A certified system designed specifically for cottage cheese production. The system is engineered to minimize curd damage while maintaining uniform suspension and supporting consistent product quality throughout the production process.

Product Capabilities

- Designed for cottage cheese production applications
- Capacity up to 6,000 gallons
- Verti-Stir agitation system for controlled curd movement
- Automated carriage movement for repeatable processing
- Integrated control system for localized operation

Key Features

- Verti-Stir sanitary agitation system providing vertical curd movement
- Encoder-controlled carriage movement for precise positioning
- Sealed stainless bearings on carriage wheels (no greasing required)
- 304 stainless steel internal framework for structural integrity
- 12-gauge 304 stainless steel liner and jacket construction
- Dual operator pendants for local system control
- Integrated PLC and HMI for process control
- Pull-cord emergency stop along both sides of the vat

Technical Specifications

- Capacity: Up to 6,000 gallons
- Construction:
  - 12-gauge 304 stainless steel liner and jacket
  - Structural internal framework for vat support
- Agitation:
  - Verti-Stir system (vertical agitation motion)
  - Encoder-driven carriage and travel system
- Controls:
  - Onboard PLC and HMI
  - Dual local operator stations

Options & Utilities

- Internal spray heating and cooling system
- Whey recirculation system
- Shell and tube heat exchanger
- Tubular heat exchanger
- Milk stirring paddles
- Mechanical and cross-cut knives
- Carriage cover
- Stainless steel motors
- Curd pusher
- Creaming paddles
- Load cell mounting
- Local disconnects
- Onboard VFD system

Applications

- Cottage cheese production
- Processes requiring gentle curd handling and suspension
- Systems requiring controlled agitation and consistent curd quality

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Questions

- **Replace outdated image — is a new one available?**
- **What options are confirmed vs unclear:**
  - **Whey basket & pump?**
  - **Pipe-in-pipe system?**
  - **Onboard VFD?**