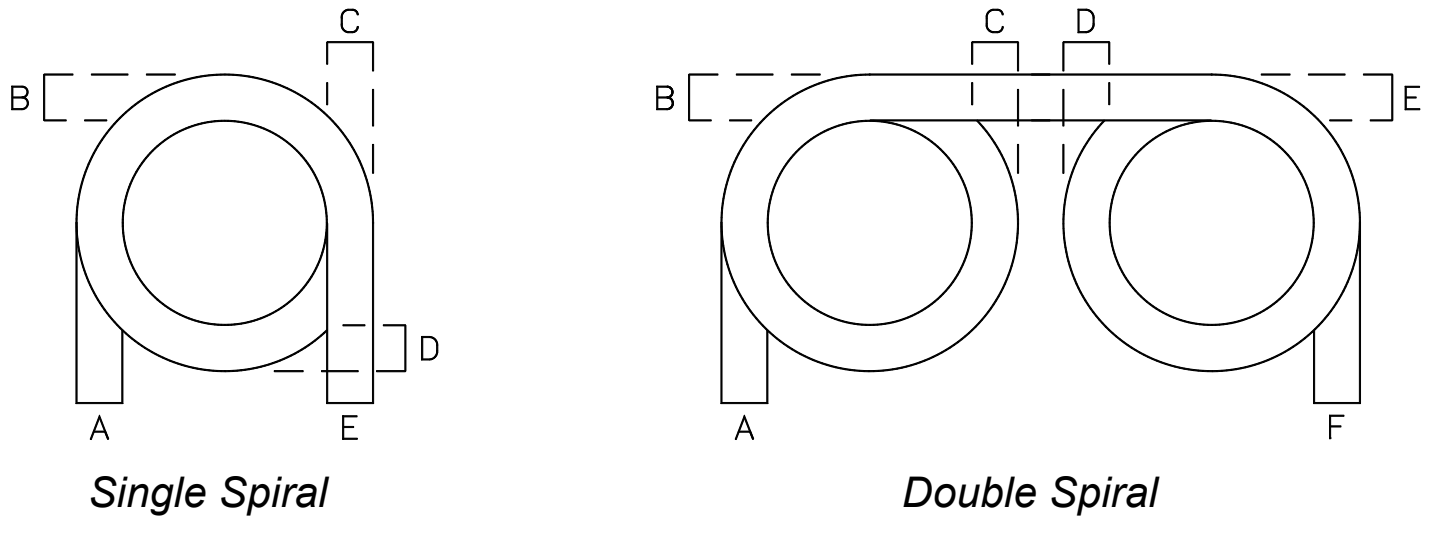


Spiral Conveyors



SPIRAL CONFIGURATIONS

The standard Spiral Conveyor infeed and discharge configurations are shown above. Single Spirals are available with upper infeed and lower discharge or lower infeed and upper discharge. The double Spirals come with either upper infeed and discharge or lower infeed and discharge. Custom diagonal infeed or discharge orientations are available by request. The orientation and location of refrigeration coils, fans or other accessories are determined by the specific requirements of the application.

SPIRAL SUPPORT STRUCTURE

Consisting of a heavy duty all stainless steel construction utilizing a sanitary welded closed end tubular support frame.

ENCLOSURE

Walls and roof panels are 3½" thick with foam core insulation and bonded 304-2B stainless steel interior and exterior. The panels feature cam-lock fasteners incorporated into a tongue-and-groove framework to provide a tight energy efficient seal.

SPIRAL CONVEYOR BELTING

USDA approved natural acetel plastic belting with high open area (approximately 50%). Benefits include easier cleaning and improved cooling through large openings in belt design.

BELT WASHING SYSTEM

Sanitation is improved with the use of the optional belt washing system. The belt washer utilizes line water pressure through spray nozzles to clean away product debris.

LIGHTING

Optional interior lighting is provided by moisture resistant fluorescent light fixtures placed to provide illumination in all areas of the optional enclosure.

TEMPERATURE CONTROL

Temperature control, when provided and required, is controlled through the provided PLC controller. Input to the PLC is provided through the use of multiple RTD sensors and programmable controller.

SYSTEM CONTROLS AND COMPONENTS

Nema 12 prewired control panel painted bakery white. Panel includes Programmable controller, AC variable frequency drive inverter. The operator interface provides access to all control functions and settings including display of cooling time and temperature. Also displayed are operational and alarm messages. Safeties include Belt Take-up & Tension safeties, Multi-tier Belt Lift, and Perimeter Pull Cord safety. All machine mounted electrical components required for operations are provided.

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