



Complete Continuous Heating Unit (PHE)



Description

The Continuous Heating Unit is a compact modular frame unit.

It is completely assembled with an internal water pump, temperature controls, instrumentation, and service and process valves.

Application

Continuous heating of butter, margarine or shortening products to establish a desirable exit temperature.

Materials

Product contacting parts are made of stainless steel AISI 304/316.

Options

- Product preheating
- Margarine/shortening continuous remelting when bypassing filling process

Integration

Unit can be integrated as heating or melting unit in margarine, shortening or butter process.

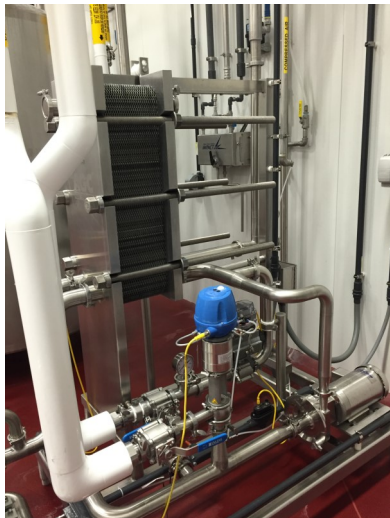


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Technical specifications


Complete PHE (Melting)	TECHNICAL DATA
PRODUCT CAPACITY [LBS/HR]	15,000
PRODUCT TEMPERATURE PROFILE [°F]	100—145
HEAT REQUIREMENT [BTU/HR]	425,000
HOT WATER TEMPERATURE PROFILE [°F]	180—171
WATER CIRCULATION PUMP MAIN CYCLE – MOTOR [HP]	1.5
WATER CIRCULATION PUMP MAIN CYCLE – FLOW RATE [GPM]	55
WATER CIRCULATION PUMP MAIN CYCLE – MAX. WORKING PRESSURE [FT]	55
PHE [PLATE HEAT EXCHANGER]	AGC MODEL PRO2-SH
WATER PUMP	FRISTAM MODEL FPR 741
PHE PLATE / GASKET	MODEL PRO2 - 0.7mm-316 NBR GASKETS
TRI-CLAMP LOOP CONNECTION [INCH]	2.5
DIMENSION WxLxH [INCH]*	35x60x85
MACHINE WEIGHT [LBS]	800

* APPROXIMATELY



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