



## Complete Water Preheater



### Description

The water preheating unit is a compact modular frame unit with integrated controls for achieving accurate process water discharge temperature. It provides hot water for various applications with different temperatures.

The hot water unit consists of a water and steam regulating system with a PHE for water heating.

It is completely assembled with a water pump, valves, instrumentation and all necessary piping.

### Application

For continuous heating of water in the process of making water-phase in butter and margarine production.

### Materials

Water contacting parts are made of stainless steel AISI 304.

### Options

Steam heated or boiler water heated.

### Integration

Can be integrated into a variety of different type heating/cooling applications.



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## Technical specifications


COMPLETE WATER PHE	TECHNICAL DATA
NOMINAL CAPACITY [GPM]	60
PRODUCT TEMPERATURE PROFILE [°F]	130 - 140
HOT WATER TEMPERATURE PROFILE [°F]	185 - 170
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 [PSI]	30
PHE [PLATE HEAT EXCHANGER]	AGC MODEL 080-S
PHE PLATE / GASKET	0.6 mm 316 / EPDM GASKET
TRI-CLAMP LOOP CONNECTION [INCH]	1.5
DIMENSION WxLxH [INCH]*	35x60x85
MACHINE WEIGHT [LBS]	600

\* APPROXIMATELY



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