

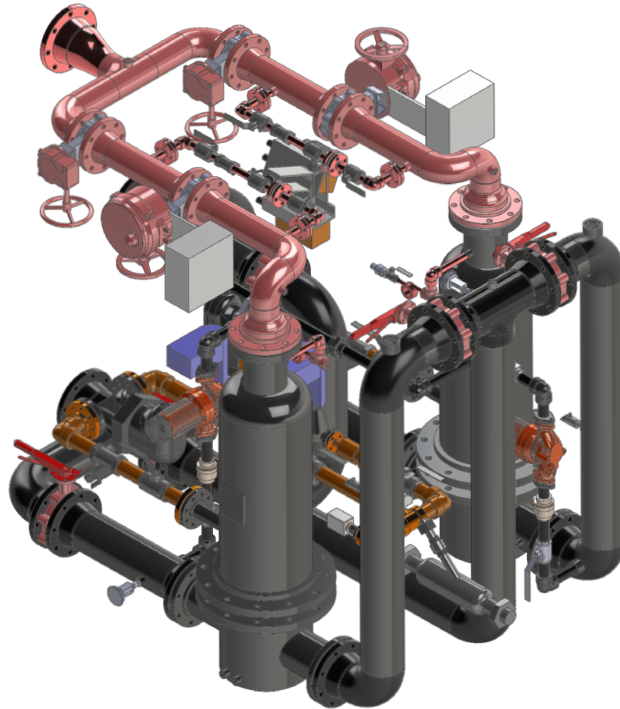
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# MCU - Duplex Zerolag

Building Heat & Process



**maxi·  
therm™**  
beyond steam™



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## Features

- Two vertical flooded U-tube heat exchangers installed in **SERIES** at 100% of required capacity in US gpm for each heat exchanger
- Each heat exchanger can handle the total load or partial load for a different temperature set point
- Each heat exchanger has a condensate control valve with subcooling condensate return below 200°F, resulting in a 0% flash return system
- 5% to 8% energy savings and reduction in carbon footprint
- Total install costs will be 20% less than any other method
- Each heat exchanger has an automatic steam start-up and shut-off valve
- Each heat exchanger has a NEMA 4 control panel with an advanced programmable controller, graphic HMI display including BACnet, Lon, Modbus compatibility and remote access
- Liquid stability set point at 2°F

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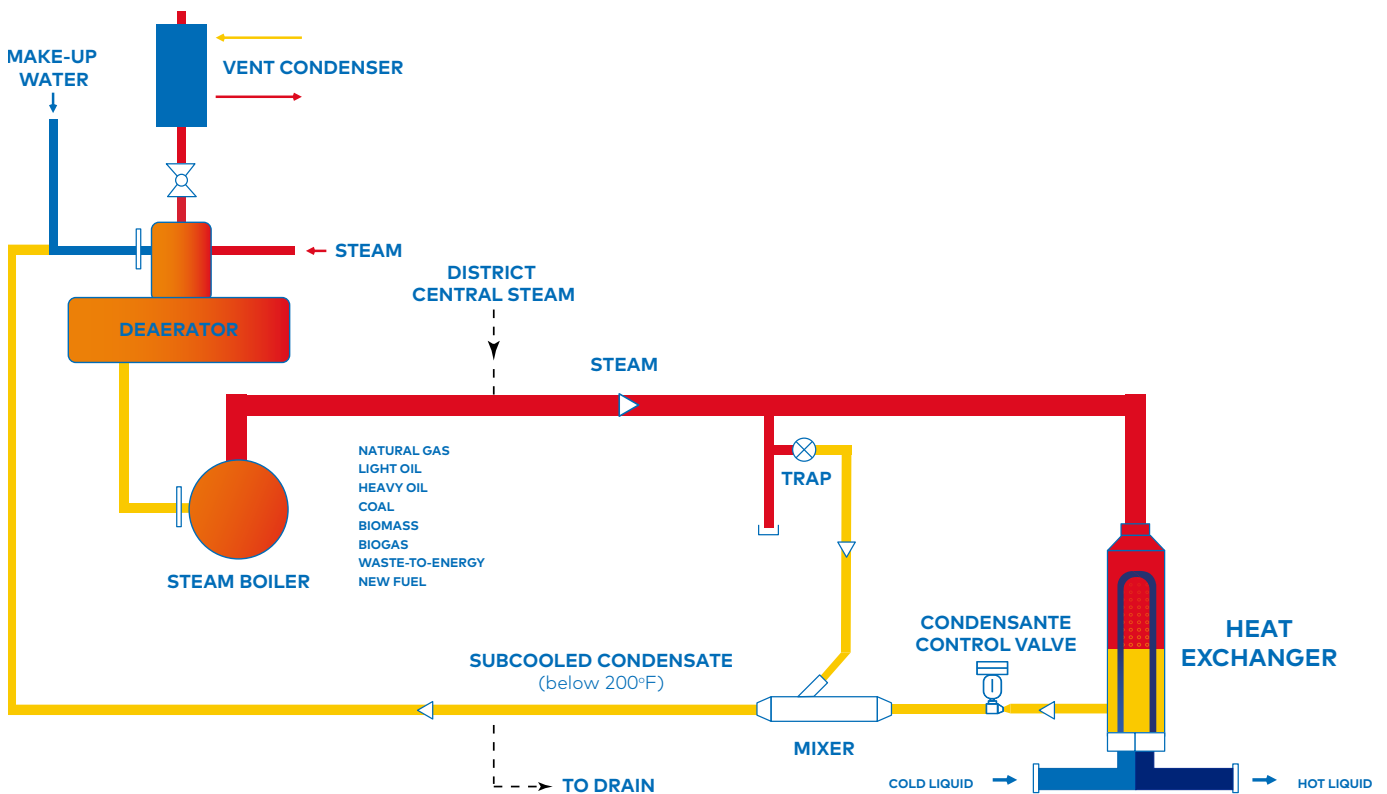
## Technical Diagram

U.S. PATENT #6,857,467 B2

CAN. PATENT #2,416,353



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### All Maxi-Therm basic designs do not require:

- Steam pressure reducing station and no steam safety valve to roof
- Condensate return pump station
- Flash tank
- Steam vents to roof