

# THERMALINE

## BeerCalc

### Hot Liquor Heat Exchanger (shell and tube)

These specifications were provided through Thermaline's sizing calculators on May 2nd, 2026.

**Unit part number:**

HYGX-408-2-54-44-01

**Unit description:**

Thermaline Shell & Tube model HYGX-408-2-54-44-01 ASME Sec. 8 Div. 1 Shell and tube heat exchanger. 304 SS shell/304 SS tube bundle. Polished with water-side tri-clamp connections.

#### Specifications

|                          |                |
|--------------------------|----------------|
| <b>Brew size</b>         | 40 bbls        |
| <b>Heat up time</b>      | 3 hours        |
| <b>Min. recirc. rate</b> | 20 GPM         |
| <b>Max. BTU/hr</b>       | 480,000 BTU/hr |
| <b>Steam pressure</b>    | 10 psi         |
| <b>Temperature in</b>    | 50°F           |
| <b>Temperature out</b>   | 190°F          |



Standard hot liquor heat exchanger setup



**Dimensions: A: 64.0"; B: 58.0"; C: 41.5**

Plates are constructed of 304SS unless specified otherwise.

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