

# THERMALINE

## BeerCalc

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

These specifications were provided through Thermaline's sizing calculators on June 1st, 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



ALL DIMENSIONS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE

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

Plates are constructed of 304SS unless specified otherwise.

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