SpringFlow 250 Shell & Tube Heat Exchanger

Technical Specifications (page 1 of 3)

Heat Exchanger Type: Shell & Tube (multi-pass)

Materials:  
- **Shell:** 304 Stainless Steel  
- **Tube:** 304 Stainless Steel  
- **Fittings:** 304 Stainless Steel

Construction: TIG welded

Weight: 1200 grams (2.64 lbs)

Tube Surface Area: 250 sq cm (39 sq in)

Ports:  
- **Shell:** ½” NPT Female  
- **Tube:** ¼” NPT Female

Maximum Pressure:  
- **Shell:** 30 PSI (liquids/gases), 75 PSI (liquids only)  
- **Tube:** 30 PSI (liquids/gases), 75 PSI (liquids only)

Overall Dimensions: (See Figure 1)
SpringFlow 250 Shell & Tube Heat Exchanger
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Performance:
*Charts below reflect the following parameters:
Shell Side Fluid: Water (175° F)
Flow Rate: 3.0 GPM
Tube Side Fluid: Biodiesel

Charts for Reference Only

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Performance:
*Charts below reflect the following parameters:
Shell Side Fluid: Water (175° F)
Flow Rate: 3.0 GPM
Tube Side Fluid: Biodiesel

![Biodiesel Warming Performance (0.8L/Minute Tube Flow)](image1)
Figure 3 – 0.8 Liter/Minute Tube Flow

![Biodiesel Warming Performance (0.33L/Minute Tube Flow)](image2)
Figure 4 – 0.33 Liter/Minute Tube Flow

Charts for Reference Only

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