

E-ZEE FLOW™

Heat Exchanger

Technical Data Sheet

FEATURES:

- Designed to perform at high fluid velocities with low pressure drops
- Made entirely of high quality, specially treated AISI 316L Stainless steel to insure superior corrosion resistance and longer product life
- Induced self-cleaning feature - One less thing to worry about
- Also available in Titanium for highly corrosive water conditions. eg: Saltwater, etc.

TYPICAL APPLICATIONS

Residential

- In-floor Heating
- Swimming Pools, Spas, Hot Tubs
- Driveway Snowmelts

Industrial

- Oil Coolers
- Transmission and Engine Coolers
- Boiler Sample Coolers
- Waste Water Heat Recovery

Typical Marine Applications

- Salt water swimming pools, spas, hot tubs
- Marine oil coolers
- Transmission and engine coolers
- Boiler sample coolers
- Waste water heat recovery

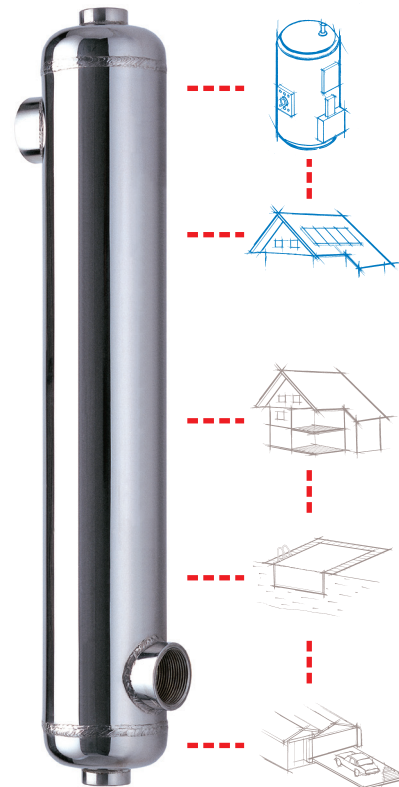
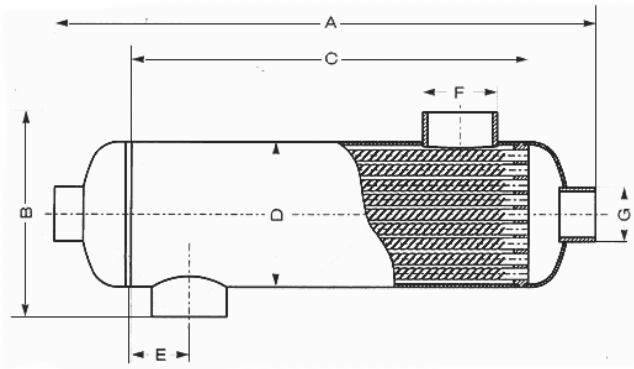


Image Shown:
Standard E-ZEE Flow

NOMINAL PERFORMANCE

| Model | Nominal Capacity (BTU/Hr) | Hot Water | | Cold Water | | Heat Transfer Surface (sq.ft.) | Weight (lbs) |
|---------|---------------------------|------------|---------------------|------------|---------------------|--------------------------------|--------------|
| | | Flow (GPM) | Pressure Drop (PSI) | Flow (GPM) | Pressure Drop (PSI) | | |
| EZ-130 | 130,000 | 7.2 | 1.17 | 53 | 1.65 | 3.64 | 10 |
| EZ-180 | 180,000 | 8 | 0.4 | 55 | 1.1 | 4.70 | 12 |
| EZ-250 | 250,000 | 9.3 | 0.6 | 71 | 1.7 | 6.80 | 16 |
| EZ-300 | 300,000 | 10.6 | 0.9 | 80 | 2.5 | 9.0 | 22 |
| EZ-500 | 500,000 | 14.5 | 1.3 | 95 | 3.2 | 16.80 | 25 |
| EZ-1000 | 1,000,000 | 25 | 2.35 | 186 | 4.22 | 21.21 | 39 |
| NPH-180 | 180,000 | 7.93 | 0.4 | 55.48 | 1.1 | 4.7 | 9 |
| NPH-300 | 300,000 | 10.57 | 0.9 | 79.25 | 2.5 | 9.0 | 13 |
| NPH-500 | 500,000 | 14.53 | 1.3 | 95.1 | 3.2 | 16.8 | 22 |

STANDARD E-ZEE FLOW DIMENSIONS:



Standard Materials: 316L Stainless Steel for chloride pools and non-corrosive water conditions

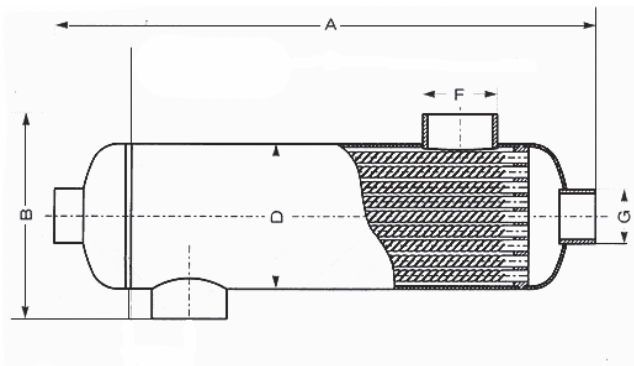
Do not use with salt water pool applications.

Maximum Allowable Working Pressure: 250 psig

Maximum allowable Working Temperature: 406°F

| Model | A | B | C | D | E | F | G |
|---------|----------|----------|-----------|---------|----------|--------|------|
| EZ-130 | 19 3/4" | 4 13/16" | 11 13/16" | 3 3/16" | 1 1/2" | 1" | 3/4" |
| EZ-180 | 15 3/16" | 5 9/16" | 10 7/8" | 4" | 1 9/16" | 1 1/2" | 1" |
| EZ-250 | 20 1/8" | 5 9/16" | 15 15/16" | 4" | 1 9/16" | 1 1/2" | 1" |
| EZ-300 | 25 7/16" | 5 9/16" | 21" | 4" | 1 9/16" | 1 1/2" | 1" |
| EZ-500 | 43 9/16" | 5 9/16" | 39 3/8" | 4" | 2 1/4" | 2" | 1" |
| EZ-1000 | 38 1/8" | 8 3/4" | 31 1/4" | 5 1/2" | 3 15/16" | 2" | 2" |

MARINE SERIES E-ZEE FLOW DIMENSIONS:



Material of construction: NICROM-24, a super austenitic marine alloy.

Do not use with chlorine water pool applications.

Design Pressure: 150 psig

Design Temperature: 406°F

| Model | A | B | C | D | E | F | G |
|---------|----------|----|---|----|---|--------|----|
| NPH-180 | 15 3/10" | 8" | - | 6" | - | 1 1/2" | 1" |
| NPH-300 | 25 1/10" | 8" | - | 6" | - | 1 1/2" | 1" |
| NPH-500 | 49 9/10" | 8" | - | 6" | - | 1 1/2" | 1" |

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