

Features

Polycoil heat exchangers are an all plastic heat exchangers with superior corrosion resistance. They provide high heat transfer performance through ultra-thin walled tubes (0.008in). Superior durability is achieved by a plastic-to-plastic weld of each individual tube to their manifold allowing for high operating pressures. Polycoil exchangers are extremely light weight making installation easy and provide a very low internal pressure drop. They are suitable for use with air-to-liquid and liquid-to-liquid applications. All heat exchangers undergo two pressure tests and inspected for leaks before shipping.

Applications

- Chemical Processing
- Semiconductor Industry
- Marine, Swimming Pools
- Pharmaceutical Industry
- Redox Flow Batteries



Materials

Exchanger: HPDE
Baffles: HDPE

Fluid Compatibility

Water
Glycols
Salt/Brine Solutions
Hydro Carbon & Oils
Acids & Alcohols
Chloride Solutions

**For additional fluids or a comprehensive list please contact us*

Physical Details

Dimension (LxWxH) 65.4in x 8.6in x 5.8in
Tube Length 48 in
Dry Weight 7.3 lb
Internal Fluid Volume 0.89 gal
Number of Tubes 216
Tube Diameter 0.118in

Warranty

2 year limited warranty on all materials

Connections

Available: Union Bush Fittings
3/4" NPT
HDPE Pipe

Durability

250,000 Pressure Cycle @ 120psi

Operating Conditions

Polyethylene

Operating Pressure	50 psi (max)
Burst Pressure	300 psi
Temperature Range	-40°F to 150°F
Flow Rate	60 GPM (max)

Performance

