

Specification Sheet

Model: HX-R-28

Features

Polycoil heat exchangers are an all plastic heat exchangers with superior corrosion resistance. They provide high heat transfer performance though 440 ultra-thin walled tubes (0.008in). Superior durability is achieved by a plasticto-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. Multiple banks/arrays of exchangers can be connected together easily utilizing a built in compression snap clip (supplied) allowing the side frame on each unit to be firmly linked. All exchanger undergo two pressure tests before shipping and inspected for leaks.

Applications

- **Cooling Towers**
- HVAC (non-refrigerates)
- Geothermal
- Marine, Swimming Pools
- Automotive
- Radiant Heating/Cooling



Materials

Exchanger Nylon or HPDE ABS, Nylon, HDPE Baffles: PVC, Nylon, HDPE Side Frame:

Physical Details

Dimension (LxWxH) 33.75in x 11in x 3in Tube Length 28.0 in Dry Weight 5.1 lb Internal Fluid Volume 0.57 gal Number of Tubes 440 **Tube Diameter** 0.118in

Connections

Available: (1in) Hose Barb, PEX, NPT Clamp Torque Spec 35 in-lb

Fluid Compatibility

Water **Glycols** Salt/Brine Solutions Hydro Carbon & Oils Acids & Alcohols (HDPE only) Chloride Solutions (Nylon 612 only) *For a additional fluids or a comprehensive list please contact us

Warrantv

3 year limited warranty on all materials

Durability

250,000 Pressure Cycle @ 120psi

Operating Conditions

Nylon		Polyethylene	
Operating Pressure Burst Pressure Temperature Range Flow Rate	80 psi (max)	Operating Pressure	40 psi (max)
	400 psi	Burst Pressure	130 psi
	-40°F to 250°F	Temperature Range	-40°F to 140°F
	60 GPM (max)	Flow Rate	60 GPM (max)

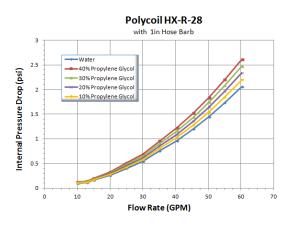


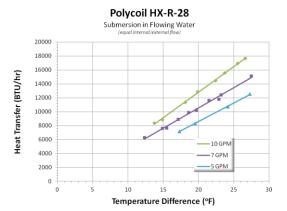


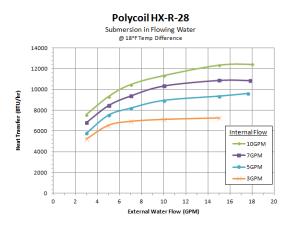
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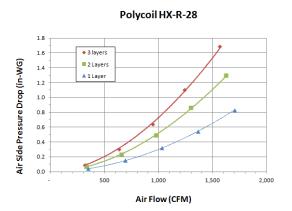
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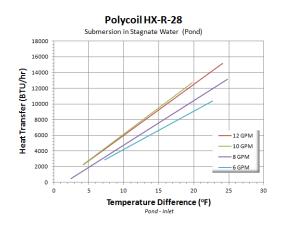
Performance















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