

Precise Finishing Systems has designed a variety of high pressure heat exchangers to be used in conjunction with our sealant and adhesive temperature conditioning system. Each heat exchanger is of counter-flow construction and designed to maintain a maximum working pressure of 5000 psi.

Every heat exchanger is symmetrically designed to facilitate installation in virtually any orientation. Temperature sensor ports are located in each end for highly accurate process monitoring or process control of our conditioning system.

High Capacity

This high capacity heat exchanger contains fifteen tubes encapsulated in a 5" pipe size shell. While the number of tubes remains constant, the overall length of the heat exchanger will vary to suite your process needs.

Installation and maintenance is made easy, as Precise Finishing Systems will pre-pipe your conditioned water supply and return ports. Four vents are located on the outer shell to purge any trapped air. Heads located at each end of the heat exchanger are removable to facilitate cleaning of the heat exchanger tubes.

Low Capacity - Robot Mount

Precise Finishing Systems' low capacity heat exchanger contains seven tubes encapsulated in a 3" outer shell. This stainless steel heat exchanger is fully welded and has 3/4" NPT material connections.

This compact heat exchanger was designed to fit on the arm of a robot and to minimize the amount of conditioning components required for a specific application.



Inline High Capacity Heat Exchanger



Robot Mount Low Capacity Heat Exchanger

