

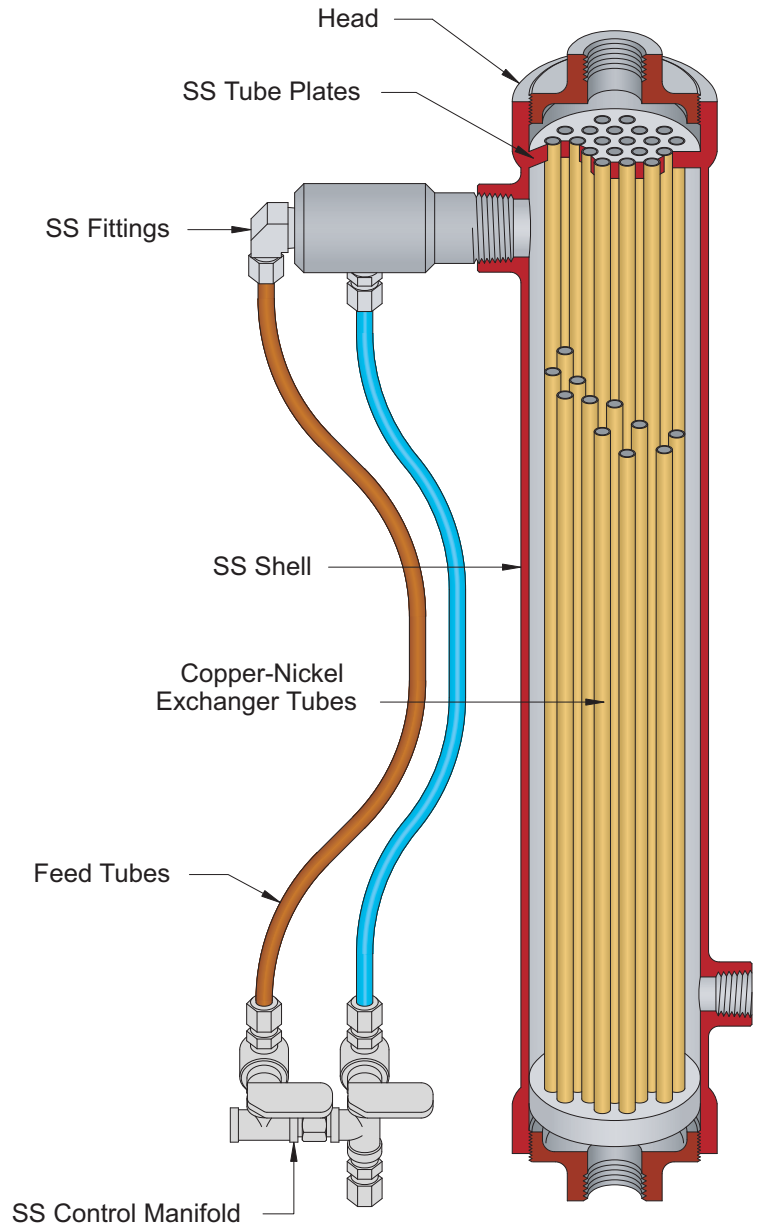
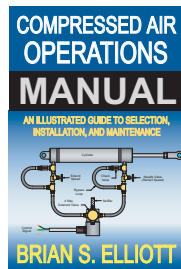
Technical Bulletin

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Salt Water Prepared Dryers

Air Option's Dry Doc Series dryers are ideally suited for marine applications and, as such, we frequently get requests for dryers that will operate with salt water as the coolant. While salt water is not recommended as a coolant for our standard dryers, Air Options does offer a special salt water option that makes these dryers compatible with off-shore marine applications. To prepare a dryer for use with salt water, all of the heat exchanger components are replaced with corrosion-resistant materials. The welded assembly is constructed entirely from type 316 stainless steel. The exchanger tubes are copper-nickel alloy 706. All fittings and valves are type 316 stainless steel. The refrigerator(s) and feed tubes are plastic. This construction technique produces a unit that is extremely resistant to the corrosive effects of salt water so the dryers will remain effective in this tough environment for decades.

Comprehensive information on compressed air systems is provided in the book "Compressed Air Operations Manual" by Brian S. Elliott, ISBN: 0-07-147526-5, published by McGraw-Hill Book Company.



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