

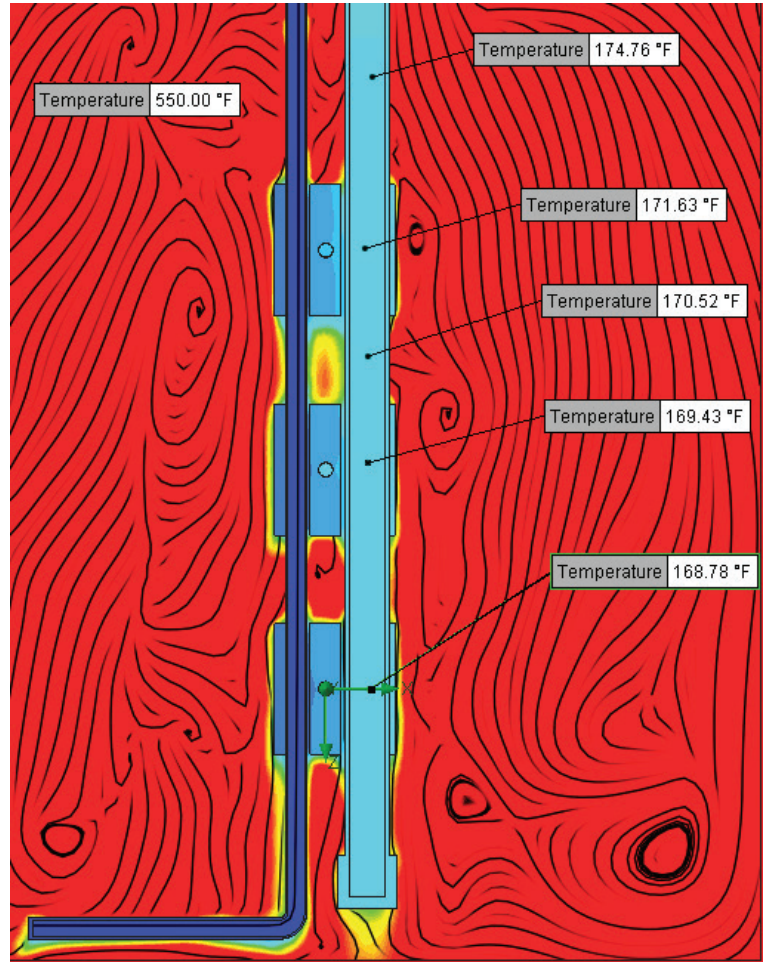
# COOL YOUR PIPES

## Reduces Risk of Coking in Idle Liquid Fuel Lines Near Combustor Cans

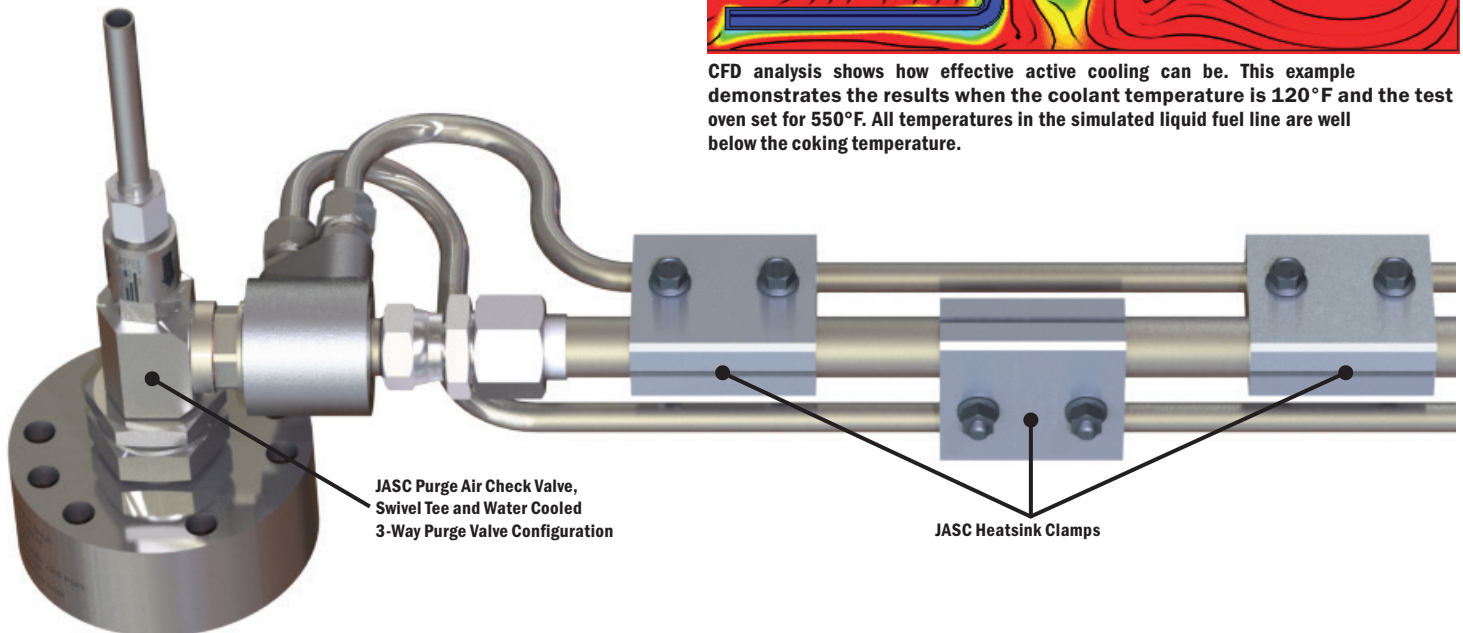
The JASC Heatsink Clamp is designed to move heat away from idle liquid fuel lines by utilizing the adjacent coolant lines while the turbine is running on gaseous fuel.

With liquid fuel flow checked in close proximity to the combustor cans during operation on gaseous fuel, the liquid fuel can slowly cook down to a sludge or worse yet form carbon deposits, aka coke, on vital components of the liquid fuel system. When liquid fuel is needed, the sludge or carbon is introduced to the combustion nozzles, if anything flows at all.

If you have already taken advantage of JASC's Water Cooled technology you know about the benefits of eliminating coking with our Three Way Purge Valves and Liquid Fuel Check Valves. Now you can put the coolant lines to even better use.



CFD analysis shows how effective active cooling can be. This example demonstrates the results when the coolant temperature is 120°F and the test oven set for 550°F. All temperatures in the simulated liquid fuel line are well below the coking temperature.



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