CLAIMS

1. A conditioning system for a filter module, comprising:

an inlet fluidly connectable to a source of ultrapure water;

a heat exchanger lined with a first corrosion resistant material positioned downstream from the inlet;

a magnetically levitated pump in fluid communication with the heat exchanger;

an outlet positioned downstream from the magnetically levitated pump and fluidly connectable to the filter module;

a channel lined with a second corrosion resistant material constructed and arranged to bypass the heat exchanger;

a controller configured to selectively direct water to the heat exchanger or to the channel, the controller being programmable to act responsive to at least one of a concentration of total organic carbon (TOC) in the source of ultrapure water and a concentration of TOC in water at the outlet; and

a base supporting the heat exchanger, the magnetically levitated pump, the channel, and the controller, wherein any metal component of the system is substantially free of stainless steel.