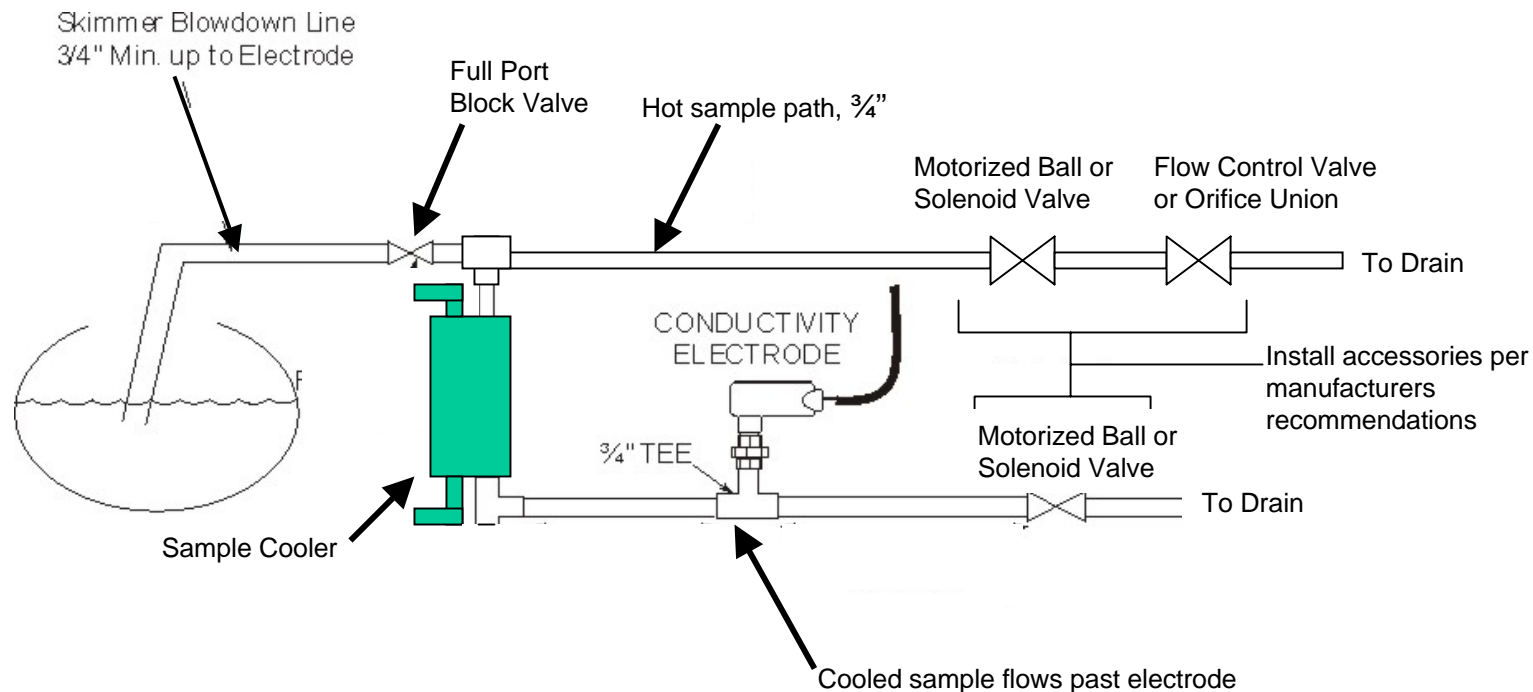


## Typical Installation – Boiler Intermittent Blowdown with Sample Cooler for WebMaster One Applications



This sketch shows a sample cooler installed to provide a cooled sample to the conductivity electrode. In this application, The WebMaster One controller is programmed for intermittent blowdown. The relay controlling the cooled sample line motorized ball valve (or solenoid valve), and the relay controlling the hot sample motorized ball valve (or solenoid valve), must both be programmed for intermittent blowdown and both relays must have the same Relay Input Assignment (e.g., Boiler 1 Cond (S1)). This means both valves will follow the same sequence of operation as dictated by the user defined Interval Time, Duration of Sample, Hold Time and Blowdown Time. Alternately, both valves could be wired to the same controller relay provided the amperage draw is low enough.

Hot sample piping connecting to the sample cooler may need to be reduced and/or bushed up. The Conductivity Electrode requires a 3/4" tee.