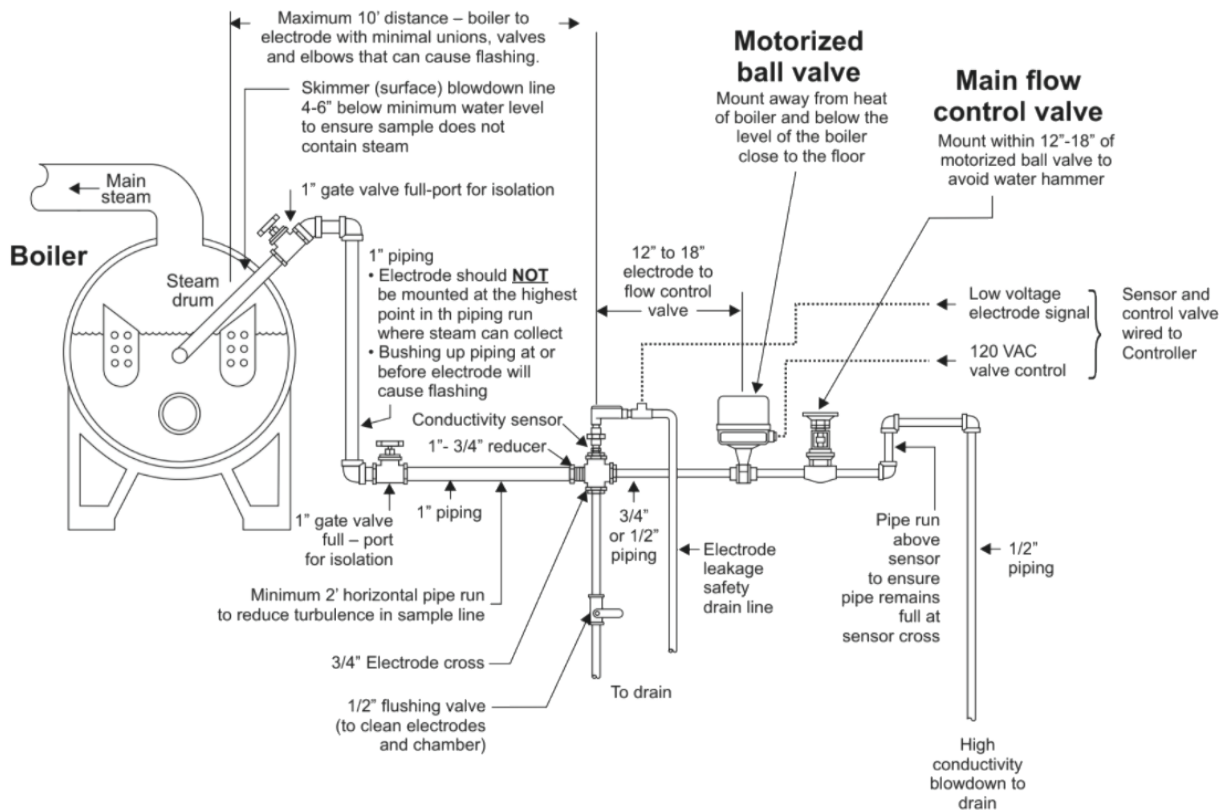


Blowdown Control & Timed Sample Piping Systems

The #1 reason for erratic boiler conductivity readings and conductivity probe failure is that the boiler surface blowdown piping arrangement is piped incorrectly. Every boiler is different, but the same rules apply to the boiler surface blowdown piping arrangement. If the surface blowdown piping is not correct, the boiler water will flash to steam at the probe causing incorrect/erratic conductivity readings. Eventually, the probe will fail due to overheating/steam flashing.

Here is an example of the correct piping arrangement for Time Sample and Sample and Hold surface blowdown.



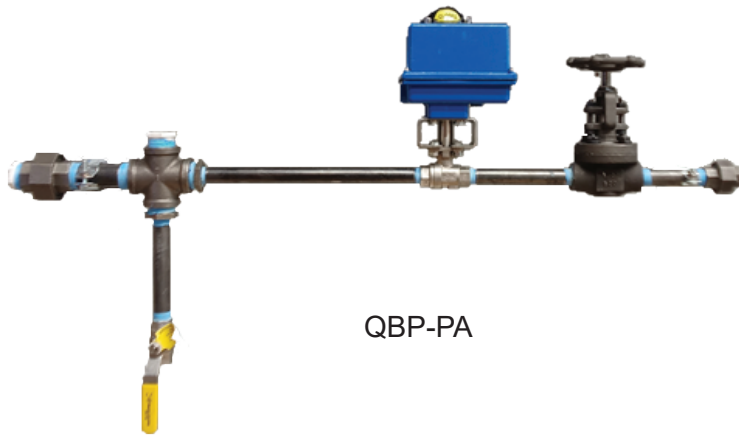
The most common boiler water sampling is Time Sample and Sample and Hold blowdown. It is also the easiest to make piping mistakes.

Quantrol has a simple solution.

A prefabricated surface blowdown piping arrangement for Time Sample and Sample and Hold surface blowdown that can be used with any 1" or 3/4" boiler conductivity probe.



Blowdown Control & Timed Sample Piping Systems



QBP-PA



QBP-PA-M

Part #	Description
QBP-PA	Quantrol Surface Blowdown Piping Assembly Only. Includes: 1" Inlet Union, 1" Boiler Probe Cross (Probe not included), 1/2" Cross Drain Line & Valve, 1/2" BMBV Motorized Blowdown Valve, 1/2" Throttling Valve, 1/2" Outlet Union to Blowdown. Built to Manufacturer's Specifications.
QBP-PA-M	Piping Assembly Mounted on a Prefabricated Stand with a 24" x 32" PE Back Panel for Controller and/or Sample Cooler Mounting (both sold separately).

*All piping assemblies/options will be fully assembled and pressure tested prior to shipment.

