

Please see below these diagram for further explanation.
Thank you.

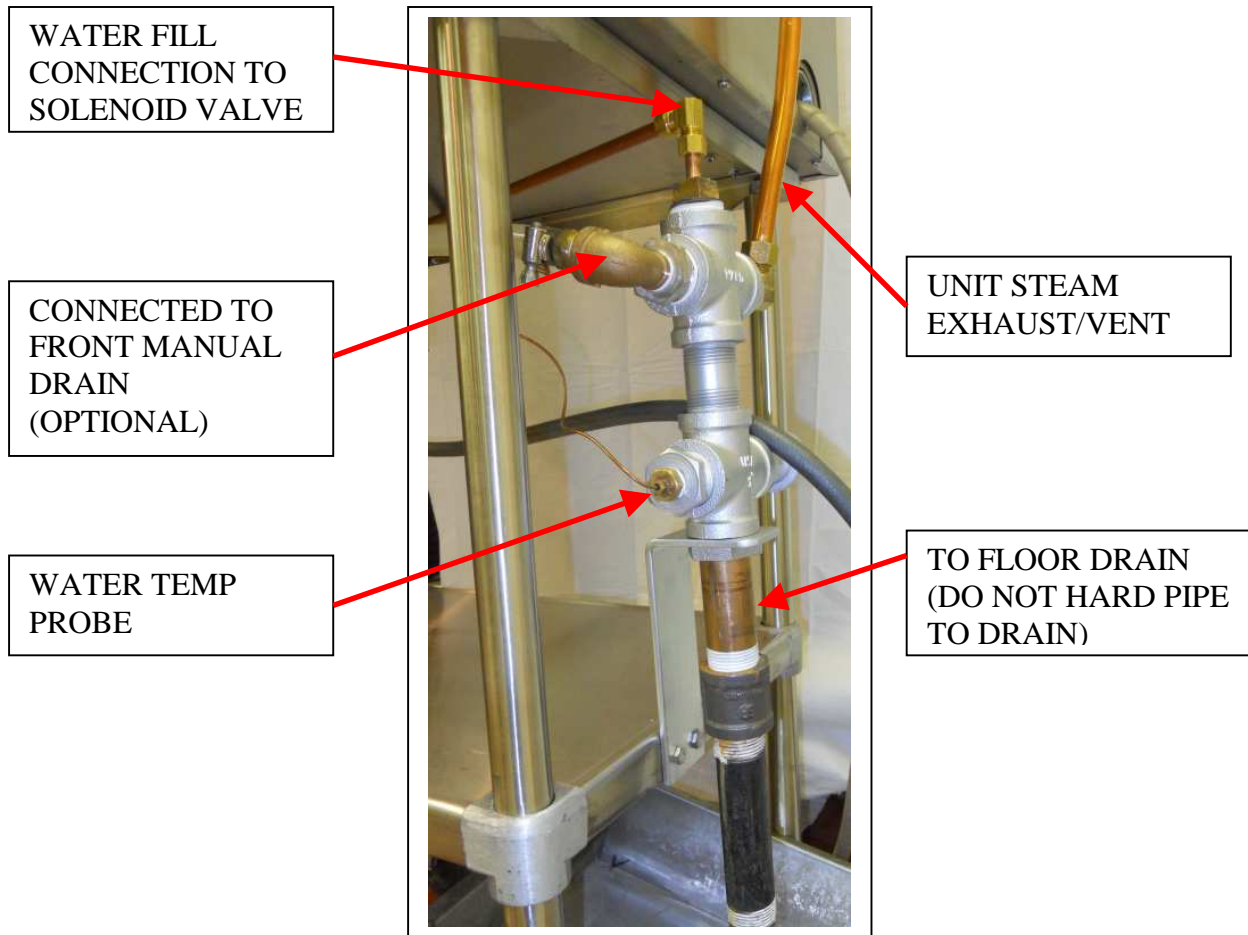
Market Forge Sterilizer Exhaust Condenser Setup



Exhaust Condenser Kit



Condensing Unit Front View



Condensing Unit Rear

The normal installation of our sterilizers is to run a copper pipe for the steam exhaust to an outside wall. This is the most simple installation because the steam exhausts to the outdoors and nothing else need be done. However, we do not recommend the steam exhaust pipe be any longer than 14 to 15 feet. This is a loose figure because if the pipe is a straight length it can exceed that length. If the exhaust pipe has multiple bends (elbows) it can cause back pressure within the sterilizer. You also need to avoid any traps in the pipe where condensed water can gather.

If the laboratory is not conducive to running a steam exhaust pipe to the outdoors then the alternative is to install the condenser. This usually mounts underneath the sterilizer (or somewhere under the counter). It needs 115/120volts and a water feed line piped up to it. The sterilizer steam vent is then piped to the condenser. The steam now exits the sterilizer, runs into the condenser, the condenser mixes it with the incoming water and it all gets piped to a floor drain. Therefore there is no steam exhausted into the lab.

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