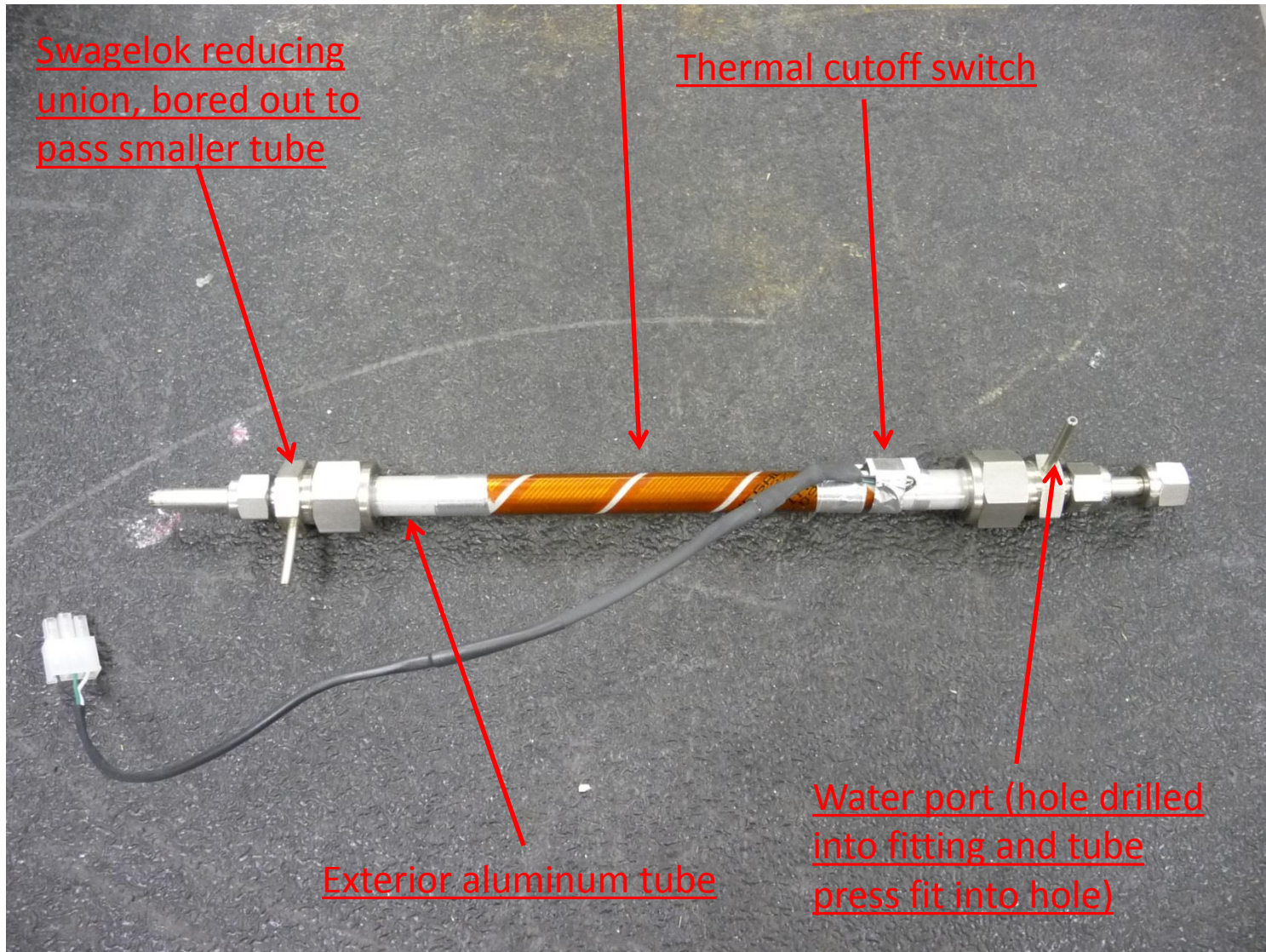


NOAA Humidifier – smaller (lower flow) version
(yours will have larger tubing and fittings)

Ribbon heater

Swagelok reducing
union, bored out to
pass smaller tube

Thermal cutoff switch



Exterior aluminum tube

Water port (hole drilled
into fitting and tube
press fit into hole)

What the high-flow assembled humidifier looks like

Water port (hole drilled into fitting and tube press fit into hole)

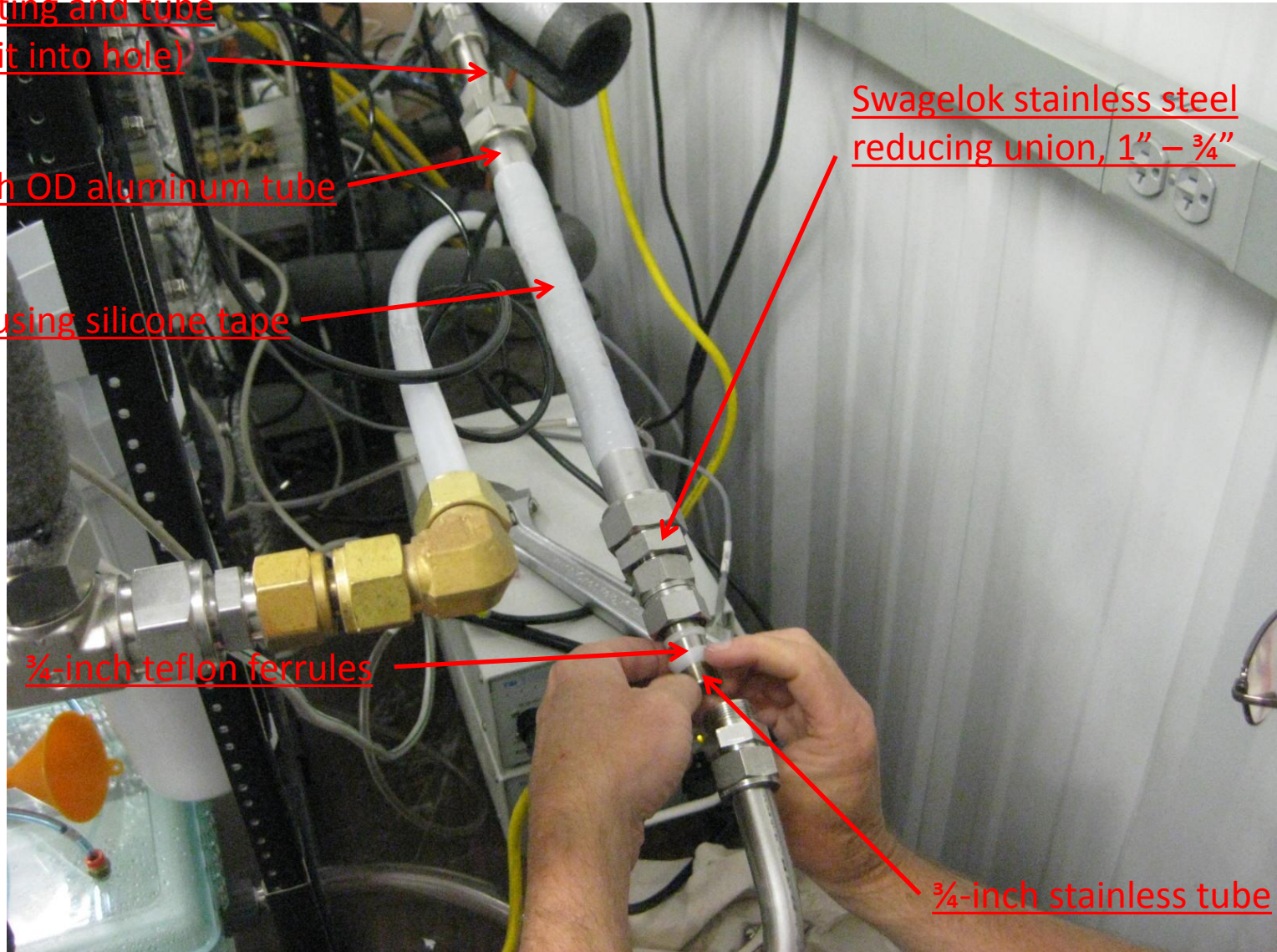
1-inch OD aluminum tube

Self fusing silicone tape

3/4-inch teflon ferrules

Swagelok stainless steel reducing union, 1" - 3/4"

3/4-inch stainless tube



What our water circulation system looks like

Water float switch – shuts off heater when no water flow

Water pump controller (can adjust the pump flow)

Water filter

Water flow path:
reservoir → water pump → inlet (bottom) of humidifier → outlet (top) of humidifier → water float switch → water filter → reservoir

Water pump

Water fill port

Water reservoir

