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
- ¼-inch teflon ferrules
- ¾-inch stainless steel reducing union, 1” – ¾”
- ¾-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