Basic Humidifier Design (1)

- Ribbon heater (Omega KH-108/5-P)
- Secure using metal tape
- Wire through thermal cutoff switch
  Selco P/N: UP72-70C
- Water inlet/outlet ports
Swagelok fittings drilled for 1/8-inch OD tubes, press fit and glued in place

Swagelok fittings drilled through to accommodate ¼-inch OD tubes
0.21-inch ID Accurel tubing

Slide ¼-inch stainless tubing into each end of Accurel tubing (tight fit).
Basic Humidifier Design (4)

Slide Accurel tubing with end tubes through larger aluminum tube.

Assemble humidifier end fitting and cap
Basic Humidifier Design (5)

Completely assembled humidifier.