

# Warming Chamber

Les R. Elm © 2010

Credit for the set up of my Cooling Chamber goes to the various members of some of the Pen Turning Forums members and in particular Branden Wong.

- Cooling Chamber is made using a used a 5 Gal. (20Litre) plastic pail c/w lid.
- 3 Inch – 0-250 F – 3” stem Thermometer for \$20.00
- 120 volt Trouble Light from Canadian Tire for \$9.99.

Purchased:

- 3 Inch-3 speed Computer Cooling Fan for \$12.95



3 Speed Computer Cooling Fan

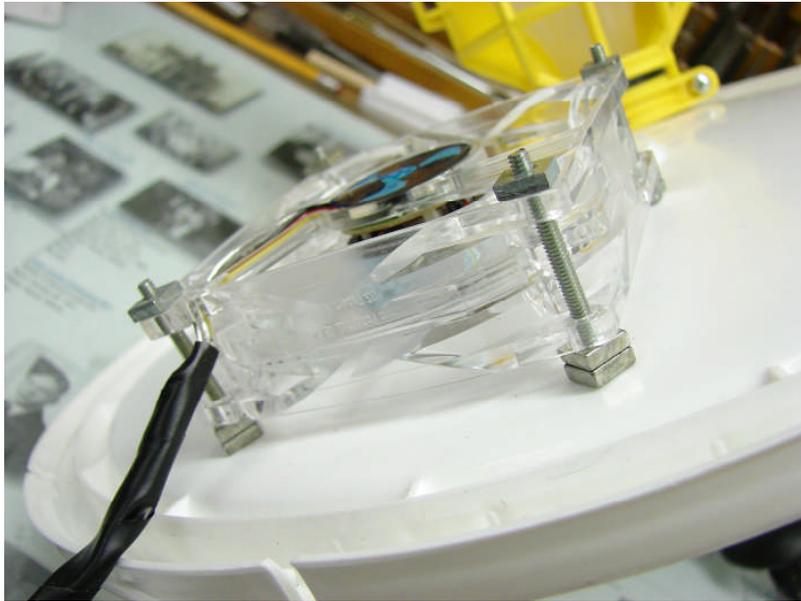
- Power Converter to run the Cooling Fan on 120 volt power for \$35.00



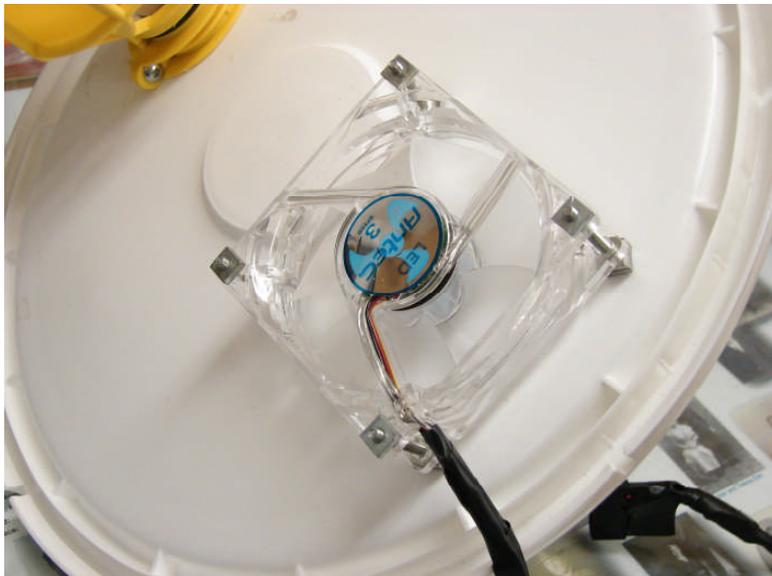
Power Converter for Cooling Fan

## Cooling Chamber Lid Set Up:

- Installed Cooling Fan so there is approximately a 1/4 Inch clearance from the lid to allow for good air circulation.



Cooling Fan Installed with 1/4" Clearance from Lid



Cooling Fan Installed on Lid Bottom

- Install the Trouble Light along one edge of the lid c/w 40 Watt Rough Duty Light Bulb



Trouble Light Installed Into Lid



Cooling Fan and Trouble Light Lid Installation Completed

- Top View of Lid with Cooling Fan and Trouble Light Installed



Warming Chamber Lid Top View

- LED Cooling Fan In Operation



## Thermometer Installation:



Face View of 3" X 4" Thermometer

- Punched a hole in the side wall 5.50 inches down from the top of the pail, pushed the stem through the hole and installed thermometer with the 4 inch stem pointing down approximately 45 degrees.



View of Installed Thermometer

Warming Chamber Mold Rack:



Mold rack: 10.5" Dia. X 1.50 " H

- Mold rack sitting level on the bottom of the warming chamber



Mold Rack Sitting Inside Warming Chamber

## Warming Chamber In Operation

