

Heating issues

The Educator is a very simple but well built machine. It should last forever.

There are only two parts in the heat system, the control board and the sensor, Sensors don't normally fail intermittently, boards can. There is a relay on the board that can stick and cause it to overheat..

The other thing that happens in schools is someone will turn the heat up thinking it will heat up faster (it doesn't) and then forget to turn it back down.

Both parts are inexpensive. The sensor is about \$40, the board around \$120.

Replace them both it takes about an hour.

We support all machines, [parts are shown on this link.](#) Parts can be [ordered from the website](#) [Sensor PRC2121, Heat control PRC212.](#)

Note: never run the heat over 300, That's as hot as standard film can tolerate.

[Laminating films with temperature settings shown on this page](#)

Make sure the heat knob is calibrated correctly, it should point at the first hash mark on the decal when it is turned all the way down and it should stop at that point.

There is a set screw on the knob, loosen it, turn the shaft counterclockwise till it stops, put the knob back on with the line on the knob pointing at the first hash mark on the side decal.

If the knob spins without stopping then someone has tried to turn the machine off with the temp knob.

This damages the heat control if they turn it hard enough. and it will overheat.

Sometimes people do that because the red light that indicates the machine is plugged in stays on.

Schools asked for that so they know to unplug it in the evening or over vacation time.

There are Educator laminators in schools that are still running and are 40 years old.