

ARE YOU STILL OPERATING YOUR
EXTRUDERS WITH LIQUID COOLING?

GIVE YOUR PLASTICS EXTRUDER A MAKEOVER!



**Southern
Heat**

AIR COOLED CONVERSION

Convert from liquid to
air-cooling with
exclusive energy saving

Cool To-The Touch™

heating and air-cooled dual
layer shroud systems.

These energy conserving
units out-perform all other
plastic barrel heating and
cooling products!

DID YOU KNOW?

Air Cooled Systems can be completely
customized to your specific needs!



A WISE INVESTMENT THAT PAYS FOR ITSELF!

SOUTHERN HEAT IS A PROUD
DISTRIBUTOR OF TEMPCO!



CLUNKER

SAY GOODBYE TO:

Rust Tubing Valves
Ongoing Maintenance
Heater Covers Manifolds
Fittings Water Leaks
Deionized Water Pumps

Energize your extrusion
business with an
Air Cooled Conversion.
It can take your profits
to the next level!



COOL

- ✓ Reduce operating costs & energy consumption by up to 20%
- ✓ Eliminate costly liquid cooling systems that are expensive to operate
- ✓ Decrease production downtime & system repairs
- ✓ Control barrel zone temperature +/- 1 F
- ✓ Eliminate barrel covers that are difficult to install & limit access



CUSTOMER TESTIMONIAL

“Two years ago...I converted a Welex 4.5 and 3.5 inch co-extrusion line running ABS at approximately 2000 lbs/hr from water cooled heating jackets to Tempco "cool to the touch" air cooled finned heaters. I have since converted another same size co-extruder line. We have been very well pleased with the performance of the Tempco heaters.

The benefits gained are many fold: No valves, No pumps, No tubing, No fittings, No piping, No manifolds, No heat exchanger, No deionized water, No Water Leaks, No rust, No water on the floor, No Guessing

One thing that gives fits with water cooled jackets is that with water taking the least resistant path eventually 1 half of the cooling jacket clogs up and does not cool that half side of the barrel this destabilizes my process and increases pressure swings to the gear pump inlet. With the Tempco heaters the barrel zone temperatures stay within +/- 1 F. and therefore the process is much more stable.

Overall: With one moving part... and it being very easy to tell when its not moving, and easy and inexpensive to change out is a major plus over the liquid cooled heaters.

Temperature stability greatly improved the overall process stability...the energy efficiency must be a good deal better, first after two years my two compression zones show the largest ontime of 85% and 45%. The other 5 zones range from 0 to 16%...I expect the heaters themselves to last a very long time. I have only had to replace one blower in the two years. I have breakers on the blowers so I can change them on without shutting down should I need to.

Thanx for a very well designed barrel temp control system.”



CONTACT US TODAY TO DISCUSS YOUR PROJECT!