

# GeMer<sup>ic</sup>

Remove the mercury in your equipment by converting your thermostats to a probe-based technology without the expense of replacing your entire existing control system

- Clear always-on visual display on the face of the upgrade box makes set point and actual temperatures and humidity status available at the touch of a finger or the glance of an eye!
- Easy to install by hatchery maintenance personnel. Typical installation takes less than one hour.
- Combine the GeMer<sup>ic</sup> with the Mercury Free Overtemp option to remove almost all mercury from the setter or hatcher.



- Optional compatible damper control kits are available to convert your Chick Master setter to a powered damper if needed or desired.
- Multi-level access control assists in assuring that only authorized personnel make adjustments to operating parameters.
- Special heat interlock control feature prevents humidity from running while heat cycle is on. This promotes faster warmup and better energy usage.
- TempTune feature introduced with the GeM series also incorporated in the GeMer<sup>ic</sup>. TempTune—a form of artificial intelligence—allows the GeMer<sup>ic</sup> to make maximum efficient use of energy in the control of heating and cooling cycles.

The cost-effective alternative to a full control system upgrade



A truly generic control upgrade designed for use with virtually any make of setter or hatcher

Ask your Chick Master representative for more information on the value of the GeMer<sup>ic</sup>!

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- The GeMerlic is a probe-based system that provides state-of-the-art measurement of temperature and humidity conditions inside the setter or hatcher with total reliability, and virtually instant response, and transfer of information to the control box. Both the speed and versatility of the measurements are vastly superior compared to the limited functionality of thermostat based systems.
- Since the GeMerlic does not require thermostat feedback, it permits the elimination of all mercury-based control elements other than the over-temp alarm stat which may currently be in use in your setters or hatchers. No over-temp probe is supplied with the GeMerlic but it does permit the continued use of any existing over-temp system.
- Temperature and humidity (wet-bulb) measurements can be reliably maintained at plus/minus one-tenth of a degree F when the probes are calibrated in accordance with proper procedures and equipment available from Chick Master.
- A cost effective solution utilizing various elements from your current control system provided all of the following elements are reusable:
  - Your control cabinet must be structurally intact (not more than surface rust recommended) and in accordance with current safety codes and electrical requirements for your location;
  - The power distribution system in your control box—breakers or fuses, circuit boards and wiring involved in the turning, fan movement, lighting and supply of energy to your heating elements must be in acceptable working order;
  - Your turning system will not be overridden by the GeMerlic, so it must be working properly and meeting your operational needs. Turning options available in the Genesis IV and GeM controls are not included with the GeMerlic upgrade
- Available from stock in one or two zone models. The one zone system can be used for setters or hatchers. The two zone system is particularly well-suited for those Chick Master customers who have setters with two heating zones with or without the split cooling upgrade option. The GeMerlic is fully compatible with any setter that has been or will be upgraded with the split cooling feature.
- After your first successful installation, you will certainly choose not to remove eggs from the setter being upgraded. Feeling comfortable? Then, you don't need to remove the eggs the first time either!
- Optional compatible damper control kits are available to convert your Chick Master setter to a powered damper if needed or desired.
- All critical components readily available from Chick Master or from Rockwell International centers. NO custom boards!!
- Optional Galaxy Lite and Hatchery Alarm package available for those hatcheries looking to dramatically upgrade both the security and information quality levels in their facilities. Ask for a brochure explaining these features.
- Fully compatible with the patented Chick Master alarm system to assure you of the best possible protection for your eggs in the cost-effective marketplace.
- Special heat interlock control feature prevents humidity from running while heat cycle is on. This promotes faster warmup and better energy usage.

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[www.chickmaster.com](http://www.chickmaster.com)

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