

## **How to diagnose E3/E8 Alarm code or E8 Alarm code on GF5500 Steam Humidifier.**

**Technician must have a new GF55 Cylinder in order to clear E3/E8 Alarms and perform steps below.**

**To diagnose and remedy either a combo E3/E8 Alarm Code or E8 showing on Control Board of GF5500 steam humidifier**

- 1. See ALARM CODES at bottom of MODEL PLATE on R side cover or at Section 5.5 ALARMS in the 5500 Installation Manual.**
- 2. E3 indicates GF55 Cylinder needs changing. E8 indicates that Cylinder lifetime is expired as the Cylinder was not changed out during the E3 Alarm cycle.**
- 3. With 5500 system in E8 Alarm mode, the 5500 is DISABLED. This is a safety lockout precaution to avoid doing any damage as a result of the EXPIRED Cylinder.**
- 4. NOTE – pressing RESET on the GF5500 Control Board simply clears the Alarm off the Board in order that you can perform functionality using steps indicated on the Cylinder Maintenance sheet or Installation Manual. Pressing RESET does not clear the Alarm codes from the system, only following the appropriate steps does.**
- 5. The E8 Alarm code ACTION indicates that to clear the E8 Alarm Code the HOUR COUNTER RESET instruction on the new Cylinder Maintenance sheet must be followed to clear the E8 blocking alarm first.**
- 6. Install the new Cylinder.**
- 7. Press RESET to clear any ALARM code shown on 5500 Control Board.**
- 8. Shut down and turn off the GF5500 system.**
- 9. Follow the steps on Cylinder Maintenance Sheet for HOUR COUNTER RESET in order to clear the E8 Blocking Alarm.**
- 10. Follow all steps on the Cylinder Maintenance sheet to remove/clean the plumbing components, drain pump, F/T solenoid.**
- 11. Run the PC Pre-Cleaning Cylinder function steps indicated on the Cylinder Maintenance Sheet. During this PC cycle, the Amps will build up, cylinder will fill to top, set-off the Hi-Limit alarm and drain the cylinder completely on its own. 5500 is now ready to address any Call for Humidity from the Humidistat.**
- 12. Turn off the 5500.**
- 13. Re-Run and follow the steps on Cylinder Maintenance Sheet for HOUR COUNTER RESET in order to clear the E3 Alarm and to reset the Hour Counter to zero.**
- 14. 5500 is now ready with new cylinder to address any Call for Humidity from the Humidistat.**