

Austroflamm Integra II Technical Bulletin  
Resolution for Random Field Shutdown



**AUSTROFLAMM**

By **RIKA**<sup>®</sup>

## Problem Overview

A limited number of the 2006 Integra Freestanding and Insert models have experienced a random shut down showing an ERR or ERR with CL message while running at lower heat output settings if one or more of the following operating conditions occurred:

- A more complex flue / exhaust path (90° fittings, extended horizontal pipe, etc)
- Dirty stove
- Use of low grade or poor quality fuel.

When RIKA adjusted the software for OMNI safety testing, some parameters were set too aggressively for real-life conditions.

Keep in mind that the unit will initiate a shutdown with ERR if the burn pot is due for cleaning. This is a normal function and will be resolved by cleaning the unit. If a customer requests service due to a shutdown with ERR or ERR with CL, the technician should first verify that the stove has been cleaned and that the condition recurs. If the random shut down condition does recur, there are three system control changes that will remedy the problem. Those changes are outlined further in this document.

## Caution

- **Information contained in this document advises the reader on how to gain programming level access to the system control software. Improper use or changing settings other than those outlined in this document can lead to unsafe operating conditions.**
- **Only authorized service personnel should attempt to gain access to or change control settings.**
- **Programming information contained in this document should not be shared with end consumers/retail customers.**

## Instructions

### General Menu Navigation

- Once in programming mode, navigate through the different parameters by pressing **ENTER**
- Values are adjusted by pressing + or – (plus or minus)
- Values can be changed while the unit is in normal startup operation

## Accessing Programming Mode

- Press the **POWER** button
- Regardless of current operational mode, press **MENU** (display will show “MO”)
- Simultaneously press + and – (display should **now** show “PW”)
- For the password press **MENU, PLUS SIGN, MENU** (as you enter the password, “---” will display below “PW”)
- Confirm by pressing **ENTER** (you should **now** be in the service menu - display should read “S1” with the value “.9”)

## Changes will be made to adjust the following three parameters:

- “G1” Minimum rpm of the combustion fan at lowest setting
- “L1” Minimum air flow
- “L2” Air flow value at which regular operation resumes

## Changing Parameters

- Navigate to and change the following parameters, pressing enter after each change:
  - Change “G1” to **110**
  - Change “L1” to **0.8**
  - Change “L2” to **1.2** (note: on some units the period does not show in the “L2” value in which case you would change the value to read 12)
  - Exit service menu by pressing **MENU**
- Return unit to normal operation.

Subsequent to changing the three parameters outlined above, the full set of Rika approved U.S. programming parameters for Integra Models is as follows:

Parameter	Approved U.S. Setting
S1	.9
S2	3,3
R1	1
R2	120
N1	5
Z1	12
A1	21
G1	110
G2	190
G3	40
L1	.8
L2	1.2