

Reference	Subject	Date
ST-103	H & L Series Machine Alarms	2-13-2019
Product	H10, H20, & L1 Series	

The information listed below is provided as general guidelines to assist in troubleshooting. It is ultimately the owner's/ distributor's/ technician's responsibility to properly troubleshoot the piece of equipment down to the failed component(s). Continental Girbau will not be held liable for any part replacement and/or labor associated with the misdiagnosed troubleshooting of the equipment.

Display Report	Description of Alarm	Probable Cause
ALN/bAL	Unbalance condition-Alarm is on if continuity is not detected in unbalance sensor.	<ol style="list-style-type: none"> 1. Unbalance of last load washed. 2. No voltage at X8-4 of micro 3. Bad balance switch
ALN/Prob	Faulty Sensor-Alarm is on if the sensor R-3 circuit exceeds 10 to 20 K-ohms at room temperature (68 F)	<ol style="list-style-type: none"> 1. Sensor wet changing Ohm value 2. Loose wiring or dirty connections 3. Faulty sensor
ALN/L	Water level-Alarm is on if level is detected when washer should be empty.	<ol style="list-style-type: none"> 1. Drain valve does not open 2. Air dome clogged or dirty 3. Pressure tube clogged or dirty
ALN/StAr	Faulty Door Lock-Alarm is on if 1 minute after starting cycle the locking micro switch S2 does not close	<ol style="list-style-type: none"> 1. Faulty thermal actuator 2. No power between X3-3 & X3- 1 terminal H10 series 3. No power between X2-2 & X2- 6 terminal H20 series 4. Faulty S2 micro switch
ALN/A	Faulty water supply-Alarm is on if the programmed water level has not been reached within 10 minutes	<ol style="list-style-type: none"> 1.No water supply to valve 2.Valve filter screen clogged 3.Drain valve stuck in open position, no power to drain valve 4.Check power supply to hot or cold fill valve
ALN/SL	Persistent overflow-Alarm is on if higher water level is detected for 5 consecutive seconds	<ol style="list-style-type: none"> 1.Water valve stuck in open position with power off 2.Water valve stuck open with power on indicates faulty microprocessor output 3.Short circuit in water valve

ALN/C	Faulty steam heating-Alarm is on if auxiliary heat is programmed and the temperature does increase 18 degrees in 20 minutes	<ol style="list-style-type: none"> 1.No steam supply 2.Check power to Y-1 Steam valve across wires 207 & 29 3.Short circuit in steam valve
ALN/C ALN/F	Water temperature exceeded-Alarm is on if water temperature exceeds the programmed setting.	<ol style="list-style-type: none"> 1.Check Y-1 steam valve to see if it turns off when water reaches programmed value. 2.Disassemble valve and clean 3.Check voltage across wires 207 & 29 to verify no voltage present when water reaches temperature. If voltage is present when it should not be, change the output V-23 on board
ALN/FIRE	Faulty electric heating-Alarm is on when the microprocessor does not call for heating.	<ol style="list-style-type: none"> 1.Check "CONF 1" program setup and change step 2 to read Ht-0 for L-10, H-10 and H20 series washers. 2.Check KM-1 contactor to make sure it opens when programmed water temperature is reached. 3.Verify voltage disconnection to KM-1 contactor when programmed water temperature is reached
ALN/c	Faulty synthetics cool down-Alarm is on if water temperature does not drop 9 degrees in 5 minutes.	<ol style="list-style-type: none"> 1.Check water inlet valve Y-2 to verify operation 2.Check temperature probe resistance value, 10 to 20 K- ohms at room temperature. 3.Check cold water supply.
ALN/E	Blocked drain system-Alarm is on if water is detected in washer 5 minutes after drain opens.	<ol style="list-style-type: none"> 1.Check drain piping system for blockage. 2.Check drain valve for blockage. 3.Check drain to verify it opens when power is turned off to washer. 4.Check to see if there is voltage present across wires 207 & 10 when drain should be open. If voltage is present replace output chip V15.
ALN/Notr	Motor thermal protection open-Alarm is on When no voltage is present at X6- 14 input.	<ol style="list-style-type: none"> 1.Check for voltage across wires 207 & 22 at X6 terminal plug. 2.Check manual reset devices on L1125 models and all H10 series washers above H1030 models

ALN/door	Faulty door lock-Alarm is on if during a wash cycle the S-2 switch contacts open and you have a loss of voltage at X8-2 terminal plug. This also occurs if the S-2 micro switch does not open within 5 minutes of end of cycle.	<ol style="list-style-type: none"> 1. Check door hinge micro switch for open and close operation. 2. Check to insure door cannot be opened before green door open light comes on. 3. Check emergency stop switch normally closed set of contacts 4-Press Clear/Stop and if alarm goes away customer opened loading door too quickly.
ENER	Emergency stop switch activated	<ol style="list-style-type: none"> 1. Turn red knob of stop switch to the left and press Clear/Stop to clear alarm



Always follow the warnings and procedures in the corresponding equipment instruction manual.

Technical Note