

**ALARM CODES/FAULTS FOR HS 6008-13-18-28**

Alm - Prob	Temperature sensing probe faulty	Replace sensor probe
Alm - SL	(During wash cycle) Machine going over required water level (During spin cycle) Machine not draining quickly enough	Water inlet valve letting-by. Blockage in drain valve or drain system
Alm -bal	Faulty balance sensor switch	Replace balance switch. Broken or loose wiring connectors on balance switch.
Alm - Hot	Water temperature overheating, due to sticking heater relay. Machine not draining correctly so hot water from wash cycle being retained during rinses.	Replace heater relay. Blockage in drain valve or drain system Blockage in drain pump.
Alm -door	Faulty door lock	Replace door lock Assembly. Can also be caused by F2 (2.5 amp) fuse on processor board blowing. F2 Fuse is the control circuit for the door lock and drain valve/pump.
VAR - 0	Communication fault between Inverter and processor board	(1) Faulty processor board (2) A break in wiring cable between processor board and inverter board. (3) A break in wiring supplying power to inverter board. (4) Faulty inverter board. Sometimes upon changing processor board the fault alarm code changes, in this case it will be necessary to follow fault as detailed for the new alarm code condition.
VAR - 1	Internal Inverter fuse link blown	Replace inverter board. Double check earth connection link between motor and inverter. On HS 6008 check bottom panel switch and wiring connectors. Also ensure that safety resistor is linked across switch terminals.

**ALARM CODES/FAULTS FOR HS 6008-13-17-23**

VAR - 2	Communication fault between inverter and processor board (1) Faulty Inverter board (2) A break in wiring cable between processor board and inverter board. (3) Faulty processor board	
VAR - 3	Over load of inverter board (1) Faulty drive motor (2) Faulty drum bearings	Faulty drive motor
VAR - 4	Open circuit motor kaxxon/overload	
VAR - 5	Over - voltage in inverter DC link circuit	(1) Check electrical supply wiring for loose neutral connection in Isolator/machine terminal block (2) Replace inverter board
VAR - 6	Inverter overheating	Faulty inverter cooling fan.
VAR - 7 VAR - 8	Corruption in data communication between inverter and processor board	Replace inverter board

**ALARM CODES/FAULTS FOR HS 6008 -13-17-23**

Remedy/Solution	Cause/problem	Fault/Alarm Code
Replace door lock Assembly	Faulty door lock	Display Showing:- 'End' (Unable to clear)
Replace door lock Assembly Can also be caused by F2 (2.5 amp) fuse on processor board blowing. F2 Fuse is the control circuit for the door lock and drain valve/pump	Faulty door lock	Display showing:- 'door' (Unable to clear)
(1) In coming water pressure to low (2) Water inlet valve filters blocked (3) Faulty water inlet valve (4) Drain valve letting-bye. (DV models only) (5) Blockage in water level control bellows (6) Split in level control tube between level bellows and level sensor	Machine not filling to required water level in time allowed by processor board.	Alm - A
(1) obstruction in drain pump (2) Faulty pump (3) Obstruction in sump hose between drum outlet and pump	On machines with drain pump	Alm - E
(1) Blockage in drain valve or drain system. (2) Obstruction in sump hose between drum outlet drain valve.	On DV (drain valve) models	Alm - E
Replace water level sensor	Faulty water level control sensor Same as Alm -E	Alm - L
Heating element blown	Machine not reaching set temperature for wash programme	Alm - C

**4.3. LOGI and COIN CONTROL ALARMS**

DISPLAY REPORT	DESCRIPTION
Hot door	Program interruption by the STOP key with high bath temperature
ALM / A.*	Accidental opening of the door at start of the cycle
ALM / BAL	Faulty water supply
ALM / C	Failure in unbalance sensor switch or circuit
ALM / door	Faulty heat system
ALM / E	Door lock failure
ALM / HOT	Drain failure
ALM / L	Excessive temperature when machine is stopped
ALM / Prob	Level sensor or circuit error in bath level control
ALM / SL	Temperature probe failure
ALM / VAR 0	Bath level exceeded
ALM / VAR 1	Communication failure between inverter and microprocessor
ALM / VAR 2	Inverter disconnected by auto-safety
ALM / VAR 3	Communication failure detected by inverter
ALM / VAR 4	Inverter over-current
ALM / VAR 5	Motor thermal safety disconnected (klixon)
ALM / VAR 6	Over-voltage in DC bus inverter
ALM / VAR 7	Inverter overheating
ALM / VAR 8	General inverter failure
ALM / VAR 9	Undetected inverter failure
Err / 000	Agreement error between washer model and inverter configuration (check MK10 connector in electrical schematics)
	Error in machine model identification. (check X18 and X19 connectors in electrical schematics)

**6.4. INTELLI CONTROL ALARMS.**

Num	ALARM	DESCRIPTION
1	EMERGENCY STOP	Emergency stop button pushed
2	INVERTER COMMUNICATION FAILURE	Communication failure between inverter and microprocessor
3	INVERTER AUTO-BLOCKED	Inverter disconnected for safety purposes
4	INVERTER SEQUENCE FAILURE	Communication failure between inverter and microprocessor
5	INVERTER OVER-CURRENT	Excessive motor consumption
6	MOTOR OVERHEATING	Motor thermal safety disconnected (Klixon)
7	INVERTER OVER-VOLTAGE	Over-voltage in DC bus inverter
8	INVERTER OVERHEATING	Excessive temperature in inverter
9	GENERAL INVERTER FAILURE	Failure report sent by inverter
10	UNIDENTIFIED INVERTER FAILURE	Failure report sent by inverter
11	UNBALANCE CONTROL FAILURE	Failure in unbalance control by inverter
12	INVERTER IDENTIFICATION ERROR	Agreement error between washer model and inverter configuration (check MK10 connector in electrical schematics)
13	DOOR LOCK FAILURE	Door is not being locked
15	{FAULT DETECTION A5 (I/O1) BOARD"},	A5 input/output (I/O1) board not detected
16	{FAULT DETECTION A6 (I/O6) BOARD"},	A6 input/output (I/O2) board not detected
18	A5 (I/O1) BOARD COMMUNIC. FAILURE	Communication failure between A5 input/output (I/O1) board and microprocessor
19	A6 (I/O2) BOARD COMMUNIC. FAILURE	Communication failure between A5 input/output (I/O1) board and microprocessor
21	BATH LEVEL EXCEEDED	Excessive bath level detected
22	BATH LEVEL CONTROL FAILURE	Bath level sensor or sensor circuit failure
23	BATH OVER-TEMPERATURE	Excessive bath temperature detected
24	DRAIN FAILURE	Irregularity when draining the bath
25	FAULTY WATER SUPPLY	Irregularity in water filling
26	FAULTY HEAT SYSTEM	Irregularity in the heating system
27	TEMPERATURE PROBE FAILURE	Temperature probe or probe circuit failure
28	UNBALANCE SWITCH FAILURE	Error in the unbalance switch or sensor circuit
29	OVER TEMPERATURE	High temperature when machine is stopped