



HYDRATION STATION

ERROR CODES - ENGINEERS





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ERROR CODE MEANING

FAULT	CODE ERROR	CORRECTIVE ACTION
#14	TRIAC / CIRCUIT FAILURE	<ul style="list-style-type: none">• Check the loom connects to all parts and all wires are connected• Check machine settings and recipes to ensure only used components are enabled• Check the supply fuses• Check if any outputs switch on when the machine is powered-up. If so, replace the processor board. If no outputs switch on, this will indicate a faulty component driven from SKT J13, J14, J15
#15	WASTE BUCKET FAULTY	<ul style="list-style-type: none">• Check the waste bucket is not full - Empty if full of water• Ensure waste bucket brass weight is in the waste bucket• Ensure the waste bucket is in correct position• Ensure that the waste bucket white silicon hose is not trapped or twisted• Check the waste bucket for damage
#17	TRIAC OPEN CIRCUIT	<ul style="list-style-type: none">• Triac on controlboard has gone open circuit• Ensure connections on the control board are correctly connected• Check the fault log for a fault prior to this error which may have caused the fault• Check the output is not shorted at the motor / valve end• Return board for fault diagnostic



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FAULT	CODE ERROR	CORRECTIVE ACTION
#19	BUTTON FAULT	<ul style="list-style-type: none">• Ensure that the hover buttons are not touched during power up• Disconnect each non touch button in turn and power up the machine to locate a faulty button. If the fault disappears then check the button/loom and replace as required• If fault persists then replace the processor board
#20	WATER FAIL SAFE	<ul style="list-style-type: none">• Water fail safe is caused by the operation of the main water inlet valves outside of a vend cycle for a pre-set time limit. Water fail safe is not the same as a water leak detection device where a water block should be installed to prevent water leaks• Check machine for water leaks• Fault code will be rectified by interrupting power
#23	BLOWN FUSE DETECTED	<ul style="list-style-type: none">• Check and / or replace Fuse 1 (1.2A) and / or Fuse 2 (6.3A) on processor board• Check that triacs being used have an output• Check the motor and loom for short circuits
#40	INTERNAL TIMER	<ul style="list-style-type: none">• If the number of software timers exceeds 64 - Internal software memory fault condition• Check fault log and report error• Cycle power to restart machine• No further action required unless fault re-occurs multiple times



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#74	UV FILTER CHANGE	<ul style="list-style-type: none">• UV Timer has expired as set in service mode UV timer setting• Replace the UV Filter• Reset the UV Filter counter in door open mode• Restart the machine and check for correct operation• Make sure the UV Filter counter has been set correctly
#91	LOSS OF 24V	<ul style="list-style-type: none">• Check board fuse and replace
#92	LOSS OF 12V	<ul style="list-style-type: none">• Check board fuse and replace
#94	NO CURRENT SENSE	<ul style="list-style-type: none">• Check board fuse and replace
#98	IO MODULE IN BIOS MODE	<ul style="list-style-type: none">• Replace VMC control board firmware has become corrupt
#99	NO IO MODULE DETECTED	<ul style="list-style-type: none">• Ensure the remote IO board has been fitted• Check the cable connecting the IO board• Check the 0v cable on the IO board



HYDRATION STATION

Error Code 14

TRIAC CIRCUIT FAULT NUMBER

CIRCUIT NUMBER	FUNCTION	CONNECTOR
14/01	MASTER WATER INLET	K08
14/02	CHILLED WATER VALVE	K07
14/03	DRY INGREDIENT 1	K06
14/04	DRY INGREDIENT 2	K05
14/05	CUP INDEX MOTOR - NOT USED	K04
14/06	CUP PEELER MOTOR - NOT USED	K03
14/07	UV LAMP	K02
14/08	WHIPPER WATER 1	K01
14/09	DRY INGREDIENT 3	J08
14/10	INTERNAL LIGHT	J07
14/11	WHIPPER WATER 3	J06
14/12	WHIPPER WATER 2	J05
14/13	SPARE	J04
14/14	SPARE	J03
14/15	WHIPPER WATER 4	J02
14/16	DRY INGREDIENT 4	J01