

Washer-Extractor (Czech made)

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Display	Description	Cause/Corrective Action
E1	Drain failure cooldown	Error occurs when the electronic timer detects water is not drained after 3 minutes in a cooldown sequence. Check drain tube and repair if necessary. Check wiring to valve and repair. Check drain valve and replace if necessary.
E2	Drain failure	Occurs when electronic timer detects water is not drained after 3 minutes in a drain or spin sequence. Check drain tube and repair if necessary. Check wiring to valve and repair. Check drain valve and replace if necessary.
E3	Out of balance before spin	Error will occur before spin sequence is started and machine will not spin. Make sure out of balance switch is correctly mounted. Check wiring to switch and make sure there are no loose connections or repair wiring if no continuity. Check if out of balance switch is broken and replace.
E4	Out of balance normal spin	Error will occur when machine is badly loaded. Machine will try up to 10 times to redistribute laundry in drum before error occurs. Make sure out of balance switch is correctly mounted. Check wiring to switch and make sure there are no loose connections or repair wiring if no continuity. Check if out of balance switch is broken and replace.
E5	Out of balance high spin	Occurs when out of balance sensor is activated during high spin. Check position of out of balance switch and make sure is correctly mounted. Check springs and other mechanical parts that fix the drum and replace as necessary. Check wiring to switch and repair. Make sure machine is installed correctly and stable.
E6	Door switch failure	If during the wash cycle the washer computer detects the door switch is not closed, the machine will immediately stop all functions and the door will stay locked. Check the door switch and replace if it is broken or malfunctions. Check the continuity of the wiring and repair if necessary. Check the door switch at the inputs menu and if not functional, replace wash computer.

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E7	Door lock solenoid switch failure	If during the wash cycle the washer computer detects the door lock solenoid switch is not closed, the machine will immediately stop all functions and the door will stay locked. Check the door lock solenoid switch and replace if it is broken or malfunctions. Check the door lock coil and if it's not functioning properly, replace it. Check the mechanical functionality of the door lock and if it's not functioning properly, replace the door lock system. Check the continuity of the wiring and repair if necessary. Check the door switch at the inputs menu and if not functional, replace wash computer.
E8	Door lock check at start failure	This error will occur each time the door lock sequence cannot be finished once started. Make sure door handle is centered against door lock and replace handle if damaged. Make sure input connector DL is connected. Repair ore replace door lock solenoid switch and door lock coils if not working properly. Replace door lock system if not functioning mechanically. Make sure there is continuity in the wiring. Check the output relay that powers the door lock coil and replace computer if relay is broken. Make sure door lock solenoid switch is functioning properly at the inputs menu; if not, replace computer. If the door switch is broken or does not function correctly, replace door switch.
E9	Door lock solenoid switch closed failure at cycle end	If within 30 seconds of the end of the cycle the door lock solenoid switch does not open, this error will occur. Check the door lock solenoid switch and repair or replace. Make sure door lock coil is functioning properly and replace if necessary. Make sure mechanical functionality of door lock is good and replace door lock system if there is a problem. Make sure there is continuity of the wiring. If out put relay that power door lock coils is broken, replace the wash computer.
E10	Bimetal/Spring	The bimetal/spring is checked each cycle to make sure door cannot be opened immediately when power is switched off. Error will occur if bimetal/spring is defective. Check bimetal/spring and replace if defective. Make sure mechanical functionality of door lock is good and replace door lock system if there is a problem. Make sure there is continuity of the wiring. Check door unlock coil and make sure it's working properly. If out put relay that power door lock coils is broken, replace the wash computer.

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E11	Fill failure	This error occurs when the water level has not reached its target level in the maximum fill time. If water flow is very slow, increase the value for the max fill time. Check that the external water valves are open and free of dirt. Make sure the coil of the water inlet valve is working properly. Replace drain valve if defective. Make sure rubber hose is mounted properly. Make sure air hose on electronic sensor is air tight and doesn't contain any water. Check continuity of wiring and repair as necessary. Check output relay that powers inlet valves and drain valve and replace wash computer if relays not working properly.
E12	Overfill failure	This error occurs if the water level exceeds the maximum water level. Make sure water inlet valves are not broken and clean or replace as needed. Make sure water pressure is not too high. Check output relay that powers inlet valve and replace wash computer if relay is not working properly.
E13	Heating failure	This error occurs if the temperature is not raised 3°C (37°F) in 10 minutes. Make sure the heating contactor is activated and repair the wiring or replace the contactor. Check the heating elements and if they are not heating, repair the wiring or replace the heater elements. Make sure the temperature sensor is functioning and replace as necessary. Check output relay that powers the heating contactor and replace wash computer if relay is not working properly.
E14	Heating time failure	Error will occur after the programmed maximum heating time has passed and the target temperature is not reached. If the machine has a small heating capacity, increase the value of the max heating time. Check if the heating resistors are heating and repair the wiring or replace the defective heater elements. Make sure water temperature is not too low. Make sure the temperature sensor is functioning and replace if defective.
E15	Too hot	Error will occur if water temperature is 15°C (59°F) above target temperature. Check if the correct water inlet valves have been programmed. Choose the correct water inlet valves for the wash sequence or adjust the parameters of the wash program. Make sure water inlet valves are functioning properly. Make sure supplied water temperature is not too hot. Make sure temperature sensor is functioning and replace if faulty. Replace heating contactor if it stays closed. Check the output relay that power the heating contactor. If the relay stays closed and the relay is broken, replace the power board. If the relay is not broken but receives a not allowed signal from the wash computer, replace wash computer.

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E16	Coin blocking 1	When the input for coin drop 1 is blocked for more than 5 seconds this error will occur. Make sure coin drop is functioning and replace if necessary. Check wiring and repair if there is no continuity.
E17	Coin blocking 2	When the input for coin drop 2 is blocked for more than 5 seconds this error will occur. Make sure coin drop is functioning and replace if necessary. Check wiring and repair if there is no continuity.
E18	TH overcurrent security	When the motor overcurrent security has tripped, the motors are switched off. Check if the overcurrent security is open. If the overcurrent security is open, within 15 minutes it will close automatically (if motor is defective the security will open again when you restart the machine). If overcurrent security is not closed after 15 minutes, it is defective and should be replaced. If overcurrent security is not open, check if both motor securities are open. If both motor securities are open, there is a motor problem. Make sure there is continuity in the wiring and repair as needed.
E19	M1 wash + low spin motor security	When the motor overcurrent security has tripped, the motors are switched off. Check if thermal security of the wash and low spin motor is open. If thermal security is open, it should close within 15 minutes. If motor is defective, security will open when machine is restarted. Check if temperature in cabinet is too hot and adjust program as necessary. If thermal motor security does not close after 15 minutes it is defective. Make sure there is continuity in the wiring and repair as needed.
E20	M2 distribution + high spin motor security	When the motor overcurrent security has tripped, the motors are switched off. Check if thermal security of the wash and low spin motor is open. If thermal security is open, it should close within 15 minutes. If motor is defective, security will open when machine is restarted. Check if temperature in cabinet is too hot and adjust program as necessary. Make sure there is continuity in the wiring and repair as needed.
E21	Overflow failure	This error occurs when the water level raises above the hole of the overflow tube. Make sure overflow hole and tube are not blocked. Make sure drain tube is not blocked. Make sure water inlet valves are working properly. Make sure output relay that powers the water inlet valve is working properly. If relay stays closed and is broken, replace wash computer.

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E22	Flush failure	When the flush valve is active and the machine is losing 7 cm (2.75 in.) of water, the drain will be opened. Check drain valve and replace if it's losing water. If machine is losing water, replace defective parts.
E24	Defective level sensor	Error occurs during wash cycle. Check level sensor visually and replace wash computer if you see damage.
E25	Defective temperature sensor	Error occurs during wash cycle. Make sure temperature sensor is connected on the PCB board. Check temperature sensor and replace if damaged. Make sure the resistance is correct on the sensor and replace as needed. Make sure earth wire is at the middle of the connector. Check PCB board and replace if damaged.
E26	Undefined frequency inverter error code	This error occurs if inverter gives an error message that is not recognized by the wash computer. Updating the software might help discover which error code occurred. Contact manufacturer if problem persists.
E27	Communication fault inverter	Error occurs when there is no communication between wash computer and inverter. If the inverter or washer computer is new, make sure the right machine type and washing machine power supply have been selected. Make sure door is closed and locked. Make sure inverter is energized. If power is not getting to the inverter, repair power supply. If supply voltage is OK, replace inverter. Make sure fuses are operational. Make sure safety inverter contactor is working properly. Make sure connectors on both sides of communication cable are still connected. Make sure wiring is OK. If output relay is broken, replace wash computer
E28	THT (Mitsubishi) / E. OL (KEB) Timeout	Error occurs when the wash computer cannot handle the fault of the inverter. Make sure correct machine type is selected. Make sure the correct inverter parameters are loaded into the wash computer. Make sure power supply is sufficient and stable during extraction load. Check that drum rotates normally by hand and repair or clean as necessary. If fault is persistent, contact manufacturer.
E29	OV3 (Mitsubishi) / E. OP (KEB) Timeout	Error occurs when the wash computer cannot handle the fault of the inverter. Make sure correct machine type is selected. Make sure the correct inverter parameters are loaded into the wash computer. Check if there was unbalance during extraction - always put a full load in the machine. If fault is persistent, contact manufacturer.

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E30	Alarm frequency inverter	Error occurs when frequency inverter goes into alarm. Make sure correct machine type is selected. If fault is persistent, contact manufacturer.
E31	Initialization fault inverter	Error occurs when there is a problem while wash computer writes the dedicated inverter parameters into the inverter EPROM memory. Error means not all dedicated inverter parameters have been loaded and as a result the inverter will not work correctly. Make sure door is closed and locked. Make sure inverter is energized. Try to write parameters to the inverter again. If fault is persistent, contact manufacturer.
E32	Verification fault inverter	Error occurs if wrong parameter is detected at the verification of the inverter parameters. Make sure correct machine type is selected, door is closed and locked and that inverter is energized. Write parameters to inverter again. If fault is persistent, contact manufacturer.
E33	Stall prevention function	This error indicates that the stall prevention of the frequency inverter is sometimes functioning. Make sure drum is not overloaded. Check to see if the correct machine type is selected. Make sure dedicated inverter parameters have been loaded by the wash computer. Make sure there are no mechanical parts broken and replace as necessary.
E34	All programs blocked	If all programs are blocked, a program cannot be started and this error occurs. Check if all the program's are blocked in the n-submenu. Select program = on in the n-submenu.
E35	Wrong software version	When a new software that isn't backward compatible with previous software versions is loaded, the software will detect that the old and new software is not compatible. The wash computer must be reconfigured.
E36	Unbalance detection system activated	Error occurs when the linen is incorrectly distributed in the machine during the distribution stage, before going into high spin. The machine will attempt to redistribute the weight. If still unbalanced, machine will lower the revolutions of the spinning sequence. Always be sure to fill the machine with a full load.
E37	Drain failure at the spray sequence	Error occurs when electronic timer detects that the water is not drained after 3 minutes at the spray sequence. Check drain tube and make sure it is not blocked. Make sure drain valve is working properly. Check wiring (when drain valve is switched off, drain valve should be open) and repair as needed.
E38	Tank with recycle water is empty	Error occurs when electronic timer detects water recycle tank is empty. Machine will switch over to soft cold water. Check water level in water recycle tank and add water as needed.

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E39	Soap supplies are running out of soap	Occurs when electronic timer detects soap reservoir is empty. Check liquid soap supply and add soap as needed.
E40	Fill failure due to an empty water recycle tank	Error occurs when the electronic timer gets a signal that the water recycling tank is empty. At the same time, the water level will not raise anymore and an error will be generated if the programmed water level is not reached in the max fill time. Check water level in recycle tank and add water as needed. If water flow is slow, increase value of max fill time. Make sure external water valves are open. Make sure water inlet valves are not blocked by dirt. If coil on water inlet valve is open, replace the coil or the whole inlet valve. Make sure drain valve is working properly. Make sure rubber hose for measuring water level is mounted well on the water level sensor and on the drain valve. Make sure air tube on electronic sensor is air tight and does not contain water. Check continuity of wiring and repair as needed. Check output relay that powers inlet valves and drain valves.
E41	Service due warning	This error occurs when the cycle counter of the electronic timer has reached the programmed value for service due. Error message will be erased by opening the door. If cycle counter has not been reset the message will appear again at the end of the next wash cycle. Reset cycle counter in the service menu.
E42	No network connection	Error appears when no network connection is available. Check the network cable and replace if broken. Check the RS232-RS485 converter. If converter is out of order, replace it.
E43	Wrong voltage range selection	Error occurs when the wrong voltage range has been selected in the configuration menu. Depending on the machine type and inverter type, certain voltage ranges are not allowed. Check machine identification plate at the back of the machine. Select the same voltage range in the configuration menu as on the identification plate of your machine.
E44	Wrong inverter model type	Error occurs when wrong inverter model type has been detected by wash computer software. Make sure correct machine type is selected in configuration menu. Check machine identification plate and select the same voltage range in the configuration menu as on the identification plate.

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E45	No speed pulses when drum turns	Occurs when speed sensor is not sending pulses to wash computer while drum turns. Check if head of speed sensor is mounted at a correct distance from reference points on drum pulley. Check wiring and repair any that is damaged. Make sure speed sensor is functioning properly and replace if damaged. If input of wash computer is not functional, replace wash computer board.
E46	Brake stays closed	Error occurs when mechanical brake stays closed. Check main air pressure and correct as necessary. Check air pressure valves that control the brake and repair or replace. Check the brake control signal wiring that commands the brake air pressure valve and repair if faulty. Check output relay that powers the control signal for brake air pressure valve and replace wash computer if anything is faulty.
E47	Friction blocks on brake are worn out	Error occurs when friction block of the brake are worn out. Check if friction blocks are almost worn out and replace. Check if the wiring of the input signal brake wear out is damaged and pair if it is. If the inputs on the wash computer board are not functional, replace wash computer.
E48	Brake stays open	Error occurs when brake stays open. Check main air pressure and correct as necessary. Check air pressure valves that control the brake and repair or replace. Check the brake control signal wiring that commands the brake air pressure valve and repair if faulty. Check output relay that powers the control signal for brake air pressure valve and replace wash computer if anything is faulty.
E49	Air suspension without compressed air	Error occurs at the wash action when the air suspension, due to some problem, is without compressed air. Check if the machine is supplied with compressed air and supply if necessary. Make sure air pressure valves are functional; repair or replace. Check if air suspension is damaged and replace. Make sure out of balance switch is mounted correctly. Check wiring and make sure contact on the out of balance switch is normally closed and connector pins are tight. If input of wash computer is not functional, replace wash computer.
E50 E51	No second acceleration ramp No third acceleration ramp	This error occurs when the washing machine is not accelerating to the programmed extraction speed with the standard spin ramp but with the wash speed ramp. Check if the wire bridges at the terminals of the inverter are present and are making electrical contact. Make sure the correct inverter parameters are loaded. If problem persists, replace inverter.

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E52	PCB-EPROM CRC failure	At power-up, wash computer checks if factory settings in EPROM are OK. Error occurs when there is a wrong CRC reading of the data from the EPROM. The wash computer needs to be reset by manufacturer.
E53	PCB-EPROM data out of range	At power-up, wash computer checks if factory settings in EPROM are OK. Error occurs by reading out of range data from the EPROM. The wash computer needs to be reset by manufacturer.
E57	Lock system	Error occurs when door lock switch stays locked when outer door has been unlocked pneumatically and opened by hand. Make sure the door lock switch is functioning properly and replace if it is not fully functional. Make sure door lock is mechanically functioning properly. Check continuity of wiring and repair as needed. Check functionality of pneumatic lock system and repair or replace anything defective. Check input signal from door lock switch and if input does not correspond with the state of the signal of the switch, replace wash computer.
E58	No free run	Error occurs when machine is decelerating at the end of the wash cycle with closed brake. This failure is just for diagnostic purposes. If problem is repetitive, inform manufacturer.
E59	Run free run	Occurs when brake is closed while run status inverter is still 1. This failure is just for diagnostic purposes. If problem is repetitive, inform manufacturer.
E60	No detection motor speed signal at wash	Error occurs when there is no feedback speed signal from the motor drive at the wash sequence. The wash computer will try three times to reset the drive motor. After three times, this error becomes active. Check the communication cable, motor drive, motor and power cable. Repair or replace if any are defective. Check output relay that powers the motor drive and replace wash computer if relay is broken. Check contactor power supply motor drive and replace contactor if it is broken.
E61	Motor doesn't stop spinning	Error occurs when there is a feedback speed signal from the motor drive when the motor is not turning and the motor drive is not expected to return a speed signal. Will try to reset one time. Check the wire bridge on the mobile connector motor drive and close the motor bridge if it is open. Check communication cable and motor drive. Repair or replace if either are defective.
E62	Motor spins too fast	Error occurs when speed exceeds more than 50 RPM above target speed. Will try to reset one time. Check the communication cable, motor drive, motor and belt. Repair or replace if any are defective.

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E63-E67	Reset Motor Drive for E60, E61 and E62	After error 60 tries one time to reset, failure 63 appears. After error 60 tries to reset the second time, failure 64 appears. After error 60 tries to reset the third and final time, failure 65 appears. Error 61 will try to reset one time and if it fails, error 66 will appear. Error 62 will try to reset one time and if it fails, error 67 will appear.
E68	No detection motor speed signal at spin	Error occurs when there is no feedback speed signal from motor drive at spin sequence. Check the communication cable, motor drive, motor and power cable. Repair or replace if any are defective. Check output relay that powers the motor drive and replace wash computer if relay is broken. Check contactor power supply motor drive and replace contactor if it is broken.
E69	Unbalance input should not be high on R machines	Occurs when input for unbalance detection for F machines is high. Make sure correct machine type is selected. Make sure wiring is correct. Check F machine input unbalance detection. There must not be a wire bridge at the input unbalance detection. If input is broken, replace wash computer.
E70	RS7 selected in case of RS10	Error occurs when wrong machine type is selected. Make sure correct machine type is selected.
E71	RS10 selected in case of RS7	Error occurs when wrong machine type is selected. Make sure correct machine type is selected. Make sure wire bridge on mobile connector F pins 1 and 3 is available.
E72	No wire bridge terminals 16-20	Occurs when wire bridge at KEB terminals 16-20 is missing. Make sure there is a wire bridge at terminals 16-20. If fault is persistent, contact manufacturer.
E73	No KEB parameters loaded in inverter	Occurs when the dedicated parameters have not been loaded in the KEB inverter. Make sure correct inverter parameters have been loaded in wash computer. If fault is persistent, contact manufacturer.
E74	Inverter not switched off at end of cycle	Occurs when inverter contactor does not open at end of wash cycle. Check if contacts on contactor stay closed after cycle has finished and replace if they open. Check output relay that powers inverter contactor and replace wash computer if relay is broken.
E75	Undefined frequency inverter error code	Error occurs if inverter gives an error message which is not recognized by wash computer. Updating wash computer software might help discover what inverter error code really occurred. Inform manufacturer.

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E78	At standby door lock is locked while door is open	Error occurs when at standby mode (machine is on but no wash cycle is running) the door lock switch is in locked state while the door is open. Close door slowly with limited force. If error message disappears, machine goes into standby mode and can be further used. If error does not disappear, repair or replace door lock.
E79	After pressing start, door lock is locked while door is open	Occurs when during door locking sequence the door lock switch is in locked state and door (door switch) is open. Make sure door lock system is functioning properly and repair or replace if defective.
E80	Timeout input 16/Soap Timeout	Error occurs when on hold signal of liquid supply central dispensing system stays high for more than 1 hour. Make sure central soap dispensing system operates correctly and repair if faulty. Make sure wiring of on hold input signal is not damaged and repair as necessary. Check inputs on wash computer and if faulty, replace wash computer.
E81	Heating failure	Error occurs when heating is not restarted at wash sequence when water temperature of bath is below its normal programmed value. Refer to errors 13 and 14.
E82	Refill failure	Occurs when water filling is not restarted at wash sequence when water level of bath is below its normal programmed value. Refer to error 11.
E83	No successful wash cycle termination	Occurs when wash cycle cannot be validated for hygienic reasons as the wash process has not followed standards of the wash program. Refer to extra error message that shows the cause of the failure.
E84	Communication failure with PC	Error occurs when the function to store all wash process data for a hygienic wash cycle on a PC has failed. Refer to <i>Programming Manual</i> for more information.
E85	Real time clock, no battery or battery low power	Error occurs when there is no battery available at the real time clock or if the power of the battery is too small to make the real time clock run correctly. Make sure there is a battery in place and that it has power.
E86	Real time clock is not available	Error occurs when real time clock is not connected to wash computer. If real time clock is available, connect it. Make sure it is functional. Make sure wash computer is functional and replace if it is faulty
E95	Watch dog	If the watch dog has been activated, error 95 is logged in the error log register. Consult technician if error occurs frequently.

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Display	Description	Cause/Corrective Action
E100	Communication fault weighing system	Error occurs when communication between wash computer and signal conditioner weighing system is interrupted. Make sure there is 24VDC power supplied to the signal conditioner weighing system. Make sure connectors on communication cable are connected to wash computer and signal conditioner. Make sure connectors at RS232-TTL converter are connected. Make sure wiring has continuity.
E101	Weigh low	Error occurs when measured weight is much smaller than in normal operation. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell as needed. Check if the signal conditioner module is still operational and replace if defective.
E102	Weigh high	Error occurs when measured weight is much higher than in normal operation. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell as needed. Check if the signal conditioner module is still operational and replace if defective.
E103	Weigh balance	Occurs when measured weight is not equally divided over the 4 load cells. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell so there is equal distribution. Check if the signal conditioner module is still operational and replace if defective.
E104	Weight on individual load cell exceeds max	Error occurs when during wash cycle the load on one load cell is over 1000 kg (2205 lbs). Check for mechanical problems and repair as needed. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell as needed. Check if the signal conditioner module is still operational and replace if defective.
E105	No functional air pressure system	Occurs when the air stays in the air bags at the door unlock sequence while in normal operation and they should be empty. Check for mechanical problems and repair as needed. Check air pressure system and repair as needed. Check the wiring to the air absorber pressure switch.
E106	Calibration error	Error occurs when the calibration result does not correspond to the preset intervals. Make sure correct machine type is selected. Make sure the machine is empty during the calibration process. Do not carry out calibration immediately after a wash cycle has finished. Wait at least 2 hours after the end of the last wash cycle.

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E107	Not calibrated	Error occurs when the machine is not calibrated. Wait up to 2 hours after a cycle has ended to calibrate. Make sure drum is completely empty. Calibration process can take up to 10 minutes. If machine is not calibrated, weighing function is disabled.
E300-E353	Mitsubishi inverter alarm	Always make sure the correct inverter parameter settings are in the inverter. Go to configuration menu and select inverter menu, set correct machine type and supply voltage and load parameters from wash computer to inverter again. Refer to <i>Programming Manual</i> if you continue to get errors.
E400-E441	KEB inverter alarm	Always make sure the correct inverter parameter settings are in the inverter. Go to configuration menu and select inverter menu, set correct machine type and supply voltage and load parameters from wash computer to inverter again. Refer to <i>Programming Manual</i> if you continue to get errors.
E500-E525	Memory error	If memory errors occur, there is a problem with the EPROM. Try to reload the washing program. Check for source of electrical “noise”.
E550	Wrong DAQ memory version	Error occurs when after installing new wash computer software the DAQ memory structure is not compatible anymore. There are two ways to reset the DAQ memory: automatically by loading the wash computer default settings at the configuration menu or by the trace-tech PC software for which the DAQ memory is of importance.
E551	Problem writing DAQ memory	Occurs when wash computer fails to write data in the DAQ traceability memory segment. Reset DAQ traceability memory segment. If problem persists, replace wash computer
E552	DAQ traceability memory is full	Occurs when wash computer DAQ memory is completely filled with traceability data. Data should be removed by traceability PC software.
E553	DAQ traceability memory is almost full	Error occurs when 85% of DAQ traceability memory segment contains wash cycle data. Data should be unloaded by the traceability PC software before the memory is completely filled up.
E560-E563	USB errors	These errors occur if the USB is not found, if a file is not found during an attempt to read from a USB, if an export failed when attempting to write onto a USB or if an import failed when attempting to read from a USB.
E600-E628	Software error	If a software error occurs, contact manufacturer.

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36	Defective motor contactor	Error occurs when the overcurrent thermal protection on both motor thermal protections are opened during spin sequence. Check if spin contactor is broken and replace if defective. Check if output relay for spin motor stays closed. If relay is broken, replace board. If relay is not broken but receives a not allowed signal from board, replace board. Make sure wiring does not have a short circuit and repair if necessary.
37	Door unlock fault	This error occurs when the door is not unlocked by pressing the door unlock button on the keypad. Make sure connector K on the keypad is connected on the timer. Check LED of door unlock button. If LED is on, the microswitch which controls locking of door lock is closed. The door unlock coil is not functional or door lock mechanism is broken. If LED is off, check if connector S of keypad is connected on timer. The micro contact door lock is open but the mechanical door lock mechanism is blocked, check door lock mechanism. Check relay for unlocking the door on the electronic board and replace if faulty. Replace board if faulty. Make sure there is no short circuit in wiring.
38	No feedback speed signal	Error occurs when the tacho is not sending a feedback signal to the SR-drive. Check communication cable, SR-drive, motor and power cord and repair or replace if broken. Check output relay that powers SR-motor drive and if relay is broken or does not receive a signal, replace board.
39	Defective SR-drive	Error occurs when tacho is sending a feedback signal to SR-drive when tacho is not expected to do so. Check communication cable, SR-drive, motor and belt and repair or replace if broken.
40-49	Memory errors	If memory errors occur, there is a problem with the EPROM. Try to reload the washing program. If fault is persistent, contact manufacturer.
50	No network connection	Occurs when there is no network connection available anymore. Check network cable and replace if faulty. Check RS232-RS485 converter and replace if faulty.
51	Heating failure 2	Error occurs if the heating system is functioning partially but not sufficiently to heat the machine correctly. Check the heating resistors and make sure they are heating. Repair wiring or replace defective resistors. Check water temperature and if hot water is too low, increase temperature of hot water. Make sure temperature sensor is functioning properly.
54	Lock active	Error occurs when at standby the door lock is locked with door open. Make sure door lock system is functioning correctly and repair anything faulty.

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55	Lock start	Error occurs when at startup door lock is locked with door open. Make sure door lock system is functioning correctly and repair anything faulty.
60	No reset drive	-
61	Extended speed	-
62	Continue spin	-
68	No signal spin	Error will occur when there is no feedback signal from motor drive at spin sequence. Check communication cable, SR-drive, motor and power cable. Repair or replace anything faulty.
70-88	Software errors	If a software error occurs, contact manufacturer.
90	Watch dog	If the watch dog has been activated, error 90 is logged in the error log register. Consult technician if error occurs frequently.
99	Safety error	When this error occurs, this is a main error message to prevent the door from opening. Check for errors 2, 6, 7 and 25.
100-140	Mitsubishi inverter errors	Always make sure the correct inverter parameter settings are in the inverter. Refer to <i>Programming Manual</i> if you continue to get errors.

Ironer

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001	Temperature of ironing roller is higher than 200°C (392°F)	Wait until machine cools down or cool it down by ironing wet linen. Check the connection of the temperature sensor. If faulty, replace temperature sensor.
002	Temperature of ironing roller is higher than 80°C (176°F) and roller does not rotate	If roller stops due to any cause (pressing button for reverse operation, pushing crank for manual rotation, pressing the safety bar, drive failure), after 5 seconds the alarm sounds to warn of burning ironing belts. Switch machine off and on again. If the machine will not start, cool it down by wet linen and rotating handle. After cooling machine down below 80°C (176°C), repair the drive.
003	Overloading of motor(s) of ventilator(s)	Check and clean exhaust pipeline. If motors still overloading, check ventilators.
004	Short circuit of temperature sensor	Cool machine and replace sensor.
005	Disconnection of temperature sensor	Cool machine and replace sensor.
006	Failure of drive	Switch machine off and on again or let inverter cool down. If it doesn't help, look for error according to individual instruction for inverter.
007	Under pressure switches are off (gas heating only)	One or two under pressure sensors detect correct function of combustion gases exhaust. If combustion gases exhaust is weak and there is danger of spreading combustion gases to the space around ironer, under pressure switches will open and by this the gas valve gets closed and the burner will turn off. Check and clean whole route of combustion gases exhaust. Check motor of ventilator and electrical installation.
008	Failure of burner ignition (gas heating only)	If flame ignition is not successful, the system will bring cause this error. Open the valve installed on the gas pipeline to ironer. Check the gas valve and make sure it is working properly. Remove sieve of mixer and check whether the jet is not clogged and whether the sleeve above jet is in correct height. Check whether ignition electrode is covered with flame when burner is burning. Check whether ignition electrode glows.
009	Crank for manual rotation of ironing cylinder is pushed	Release crank and start machine with start button or start reverse operation. Check the microswitch on the crank.
010	Lifting up the trough (only machines with ironer with front/rear delivery)	Close the trough and check the microswitch.

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Display	Description	Cause/Corrective Action
011	Failure of under pressure switches	Make sure under pressure switches are wired correctly. Be sure the switch is functioning. Replace if faulty.
012	Wrong function of safety bar	In case of jammed bar or switch, release it. Check the switch for correct operation. Make sure the switch connection is not faulty. Make sure the correct version of software and programming is being used.
013	Defective speed sensor (IF machines only)	Make sure sensor is not damaged. Adjust distance between sensor and rotating screen with teeth so that the light indicator on sensor is blinking when screen rotates. If indicator is constantly on, increase the distance. If it is constantly off, reduce the distance. If adjustment of diameter does not help, it is necessary to change the sensor.
1	Safety thermostat error (temperature exceeds 210°C [410°F])	Replace thermostat.
2	Exceeding the cylinder temperature over 200°C (392°F)	The error will be accompanied by a symbol to indicated which sensor is causing the error. Replace sensor.
3	Exceeding the cylinder temperature over 80°C (176°F) when machine is stopped	The error will be accompanied by a symbol to indicated which sensor is causing the error. Replace sensor.
4	Fan motors overloaded	Indicates the fan motor is overheating/overloaded. Error can be canceled by the STOP key after the fan motor has cooled down.
5	Temperature sensor short-circuited	The error will be accompanied by a symbol to indicated which sensor is causing the error. Check wiring to sensor and replace sensor as needed.
6	Temperature sensor disconnected	The error will be accompanied by a symbol to indicated which sensor is causing the error. Check wiring to sensor and replace sensor as needed.
7	Drive (frequency inverter) error	This error indicates when a frequency inverter fault is detected or a fault of function or configuration parameter related to the frequency inverter. Refer to <i>Programming Manual</i> for list of error codes related to this drive error.
8	Faulty function of under pressure sensors/value of the exhaust system resistance exceeds the limit value	This error is displayed when an incorrect function of the airflow sensors and switches is detected. Refer to <i>Programming Manual</i> for list of error codes that indicate airflow sensor and switch failures.
9	Error of the burner ignition unit (gas heating only) or fault of the electric heating contactors (electric heating only)	For gas heating only, cancel the error by pressing STOP key and the automatic sequence of ignition unit reset is started and new ignition is initiated. Refer to <i>Programming Manual</i> for list of electric heating contactor errors.

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Display	Description	Cause/Corrective Action
10	Faulty function of the finger protection safety bar at the machine start up	Repair finger protection safety bar. Turn machine off and on again after repair has been made.
11	Faulty function of the speed sensor	Check wiring and replace sensor as needed.
12	Number of steam heating cycles is reaching the limit value or the value has already been exceeded	When this error occurs, a technical inspection of the machine must be made. After the inspection, the number of cycles should be reset to zero.
13	Memory error	A range of codes from 500-533 will be shown. If 504 is indicated, load default program by the LStPrg command from the configuration menu. If a different code is shown, reset default values using ResDef command from configuration menu. If error appears repeatedly, contact the manufacturer.
14	Flash memory error	A range of codes from 550-553 will be shown. Reset default values using ResDef command from configuration menu. If error appears repeatedly, contact the manufacturer.
15	Software error	A range of codes from 600-636 will be shown. If this error appears, contact the manufacturer.
20	Motors of the vacuum table fans overloaded	Indicates the insert table fan motor is overheating/overloaded. Cancel the error by pressing the STOP button and allow motor to cool.
21	Automatic feeder error	Indicates feeder motor is overheating/overloaded. Cancel the error by pressing the STOP button and allow motor to cool.
22	Crosswise folding device or stacking device error	Refer to <i>Programming Manual</i> for list of error codes and how they effect the machine.
35	Incorrect software version	This error occurs after a machine software update or when the machine is started for the first time or also after the control board has been replaced. Press STOP button and the screen for entering the configuration menus password is automatically displayed. Reset the default values by the ResDef command.