



LAVE VAISSELLE **ELV 452B**

➤ Codes Erreurs

➤ PROGRAMME TEST



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Codes Erreur

CODES	MEANINGS	REMARK
E1	Longer inlet time	
E3	Longer heating time, but not reaching required temperature	Only for test program
E4	Overfilled	
E6	Failure of temperature sensor (Open circuit or break of temperature sensor)	Only for test program
E7	Failure of temperature sensor (Short circuit or break of temperature sensor)	Only for test program

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	ELV 452b ELV	ELVS 49 1b	LV 49L2b LV 49L2s	ELVS 471i	ELV 461b ELV 453i	ELVI 452f
E1	452is	✓	✓	✓	✓	✓
E3	✓	✓	✓	✓	✓	✓
E4	✓	✓	✓	✓	✓	✓
E6	✓	✓	✓	✓	✓	✓
E7	✓	✓	✓	✓	✓	✓
E8				✓		✓
E9						✓

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Display Types

ELV 452b
ELV 452is



ELVS 471i
ELV 461b
ELV 453i
ELVI 452f



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How does the appliance react when error codes occur

E1 Water filling exceed pre-set time

If the inlet valve has been opened for 4 minutes but the water level hasn't reached or over desired value, E1 occurs.

When E1 happens, the appliance will active drain pump and stop all other component working immediately. At the same time, the buzzer will beep for 30 seconds and error 1 will be shown. Then, drain pump won't stop until there is no signals detected from flow meter in 120 seconds. If the signal been detected again, the drain pump will open again, just like the last steps. And it will detect circularly until the error be fixed.



E3 Heating exceed pre-set time

If the heating element has been working for 60 minutes but the water temperature measured by NTC hasn't reached desired value. E3 will occur.

When E3 happens, drain pump will run till the pressure switch(83/63) reset and continue draining for 60 seconds. and all the other loads will be cut off immediately. At the same time, the buzzer will beep for 30 seconds and the error 3 will be shown.



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E4 Overflow

At any time, if flooding pressure switch act and keep for longer than 2 seconds, the E4 will com on. When E4 happens, the drain pump will run until flowmeter keep motionless for 2 minutes (if the model with the pressure switch (83/63),drain pump would run till the pressure switch reset and continue draining for 60 seconds.) and all the other loads will be cut off immediately. At the same time, the buzzer will alarm for 30 seconds and error 4 will be shown.

Caution:

Priority level of E4 is the highest. E4 operation is valid after other error operations have done. When E4 operation has done, all the others are invalid.



E6 Open-circuit failure of thermistor

In test program, once open-circuit failure of thermistor is detected by controller, The E6 will come on. When E6 happens, the drain pump will run until flowmeter keep motionless for 2 minutes (if the model with the pressure switch (83/63), drain pump would run till the pressure switch reset and continue draining for 60 seconds.) and all the other loads will be cut off immediately. At the same time, the buzzer will alarm for 30 seconds and error 6 will be shown.

E7 Short-circuit failure of thermistor

In test program, once short-circuit failure of thermistor is detected by controller, The E7 will come on. When E7 happens, the drain pump will run until flowmeter keep motionless for 2 minutes (if the model with the pressure switch (83/63), drain pump would run till the pressure switch reset and continue draining for 60 seconds.) and all the other loads will be cut off immediately. At the same time, the buzzer will alarm for 30 seconds and error 7 will be shown.



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E8 Alternate valve signal unconventionally

If the signal of the alternate valve can't be detect or the position of the Alternate is not right when the appliance running auto test program or wash cycles program, E8 occurs.

When E8 happens, the appliance will active drain pump and stop all other component working immediately. At the same time, the buzzer will beep for 30 seconds and error 8 will be shown. Then, drain pump will draining for 120 seconds.



E9 Capacitance sensor Touch keys exceed pre-set time.

If the capacitance sensor touch keys are detected by pressed or stick over 30 seconds. E9 will occur.

When E9 happens, the appliance will continue finish the current program and will show error 9 on the display screen. And after finish the program, there will be no response of the touch keys until the error be fix up.





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Programme Test

N°	Process	Display on LED screen	Status
00	Initialization	8:88	Power on, standby mode
01	Inlet valve	0A	Inlet valve start to work, feeds 3,6 litre water into dishwasher
02	Dispenser	09	Washing pump and dispenser will be running for 60s
03	Heating element	08	Washing pump and heating element begin to work, heating element will be running until water temperature reaches 60 degree
			Please press button "Prog." to entry next step
04	Drain pump	07	Make drain pump to be running for 60s
05	Pause	06	The dishwasher pauses 15s
06	Inlet valve	(0~99)	Inlet valve are activated, feed 3,6 litre water into dishwasher, and the LCD screen vision the turbidity dispersion
07	Washing pump	04	Washing pump will be running for 3 minutes
08	Pause	03	The dishwasher pauses 5s
09	Washing pump	02	Washing pump will be running for 3 minutes.
10	Drain pump, regeneration valve	01	Regeneration valve and drain pump start to run, drain pump will be running for 60s
11	Finish	FX	Buzz one sound, then machine stops (X stand for 0, 1, 2...)

How to entry test program?

Open the door of dishwasher, then press program button until turning on the power switch. After this operation, test program is selected, and dishwasher pauses at the first step. At the moment, all the LCD screen and the indicator which are under control are light and flicker with 1 Hz frequency. Close the door, press start/reset button, and the machine starts to run.

Attention:

In the testing process, you can select the step according to your requirement by pressing the program button, but water inlet step is excluded.

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In order to quickly check and find out the malfunction of our dishwashers, we design this auto-test program for technicians of after sales service.

How to activate Test Program?

ELVS 49 1b ELV 452is ELV 452b	1, open the door 2, hold down "the last program" button and press Power button 3, close the door and then press "the last program" button into the test program
LV 49L2b LV 49L2s	1, close the door 2, hold down Start/Pause button and press the Power button 3, When the LED indicators are flashing, press Start/Pause button into the test program
ELVS 471i ELV 461b ELV 453i	1, open the door 2, hold down "Program" button and press Power button 3, close the door and then press "Start/Pause" button into the test program
ELVI 452f	1, open the door 2, hold down "Program" button and press Power button 3, close the door into the test program

During test program running, you can press Start/Pause button to jump into next step (except **Inlet valve** step).



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Steps	Stage	Display	Running Status	Testing Point
00	Initialization	8:88	Power up and stand by	
01	Inlet Valve	0A	Turn on inlet valve, continue filling water for 3.6 liter by flow meter (3.0 liter for 9 sets)	Check Inlet valve and flow meter if work well, If not, E1 will occur
02	Wash & Dispenser	09	Start washing pump and open dispenser for 60 sec.	Open the door to check dispenser open or not.
03	Wash & Heat	08	Run washing pump and heater until water temperature reached 60°C.	Check Heater and Thermostat work well, if not, E3 will occur.
04	Drain pump	07	Run drain pump for 60 seconds.	Open the door to check if the drain pump work well or not.
05	Pause	06	Pause for 15 seconds.	
06	Inlet & Fan valve	05	Turn on inlet valve, continue filling water for 3.6 liter by flow meter (3.0 liter for 9 sets)	Check Inlet valve and flow meter work well, If not, E1 will occur
07	Wash	04	Run washing pump to wash for 3 minutes.	Feel/check if spray arms work
08	Pause	03	Pause for 5 seconds.	
09	Wash	02	Run washing pump to wash for 3 minutes.	Feel/check if spray arms work
10	Drain & Regeneration	01	Turn on regeneration valve and run drain pump for 60 seconds.	Open the door to check if the drain pump work well or not.
11	Finish	F*	Buzzer beeps once, and then the machine stops.	

