

MAIN DEFECTS CAUSED BY THE INCORRECT USE OF THE EQUIPMENT

PROBLEM	CAUSE	SOLUTION
1 The boiler fills with water, with venting from the safety valve	<ul style="list-style-type: none">• Leak in one of the boiler filler pipes or in one of the unit circuits	<ul style="list-style-type: none">• Check the automatic level circuit• Check the manual fill button• Check for leaks from the heat exchanger
2 Operation of the safety valve with venting of steam	<ul style="list-style-type: none">• Increase in boiler pressure to 2- 2.5 bar due to incorrect operation of the heating system because the element is constantly energised	<ul style="list-style-type: none">• Check the pressure switch in the electrical contacts in mechanical part and in the tube which links it to the steam pressure in the boiler• For machines with electronic temperature control, check the system components, such as sensor, triac, control unit, connecting wires and reset the trimmer if necessary
3 The machine does not heat	<ul style="list-style-type: none">• The element is not being supplied with power, or has burnt out or there is no mains power	<ul style="list-style-type: none">• Check that the mains power is on• Check that the main switch is not damaged• Check that the safety thermostat on the heater element has not tripped• Check the pressure switch for correct electromechanical operation• For machines with electronic temperature control, reset the trimmer, check the sensor, the triac, the control unit and the sensor-triac-control unit connecting wires
4 Water is not coming out of one unit	<ul style="list-style-type: none">• Water circuit blocked• Failed solenoid valve• Coffee ground too fine and maybe amount dispensed too large	<ul style="list-style-type: none">• Check that the injector, the top circulation tube, the jet and the solenoid valve are not blocked; for machines with electronically controlled dispensing, also check the volumetric meter and that its cut-off tap is open• Check the electromechanical components of the solenoid valve, the control unit to coil connecting wires and the control unit fuse• Check the dispensing and grinding settings
5 The settings for the amount of coffee dispensed do not remain as set on one or all the units	<ul style="list-style-type: none">• Malfunction of the dispenser metering circuit on one or all units• Leak at unit solenoid valve	<ul style="list-style-type: none">• Programme different settings for each unit• If the problem persists, replace the meter for the unit involved• Replace the solenoid valve
6 The machine will not accept programming for unit 1 and therefore	<ul style="list-style-type: none">• Malfunction of the meter for unit 1 or of the electronic control unit	<ul style="list-style-type: none">• Check the connection between the meter for unit 1 and the control unit• If the connection is satisfactory replace the meter for unit 1 or replace the control unit

copying to the other units

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| 7 | Alarm signalled by flashing of the single strong coffee LED for the unit used | <ul style="list-style-type: none">• The metering signals for the unit meter have not reached the electronic control unit | <ul style="list-style-type: none">• Meter or corresponding electrical circuit damaged• Check the electromechanical components of the solenoid valve, the control unit to coil connecting wires, the corresponding fuse and the control unit itself |
| 8 | Alarm signalled by flashing of the double strong coffee LED of all the units and the tea unit | <ul style="list-style-type: none">• The water level in the boiler has not been topped up within the set time | <ul style="list-style-type: none">• Automatic level circuit blocked or no water supply upstream• Automatic level solenoid valve and corresponding electrical circuit damaged |
| 9 | Dispensing of one or more measures to a coffee unit or the tea unit starts up at random and on its own | <ul style="list-style-type: none">• Loss of normal free travel of one or more of the pushbuttons due to a build-up of material on the outside or infiltration of water or steam inside the card | <ul style="list-style-type: none">• Clean all the pushbuttons• Dry the printed circuit |
| 10 | The machine is switched on and is heating normally; the mains power light is on but none of the electronics are working | <ul style="list-style-type: none">• The electronic control unit is not being energised or has burnt out | <ul style="list-style-type: none">• Check that the switch located above the main switch on the machine for supply to the electronic control unit is not tripped (if it is, the green light will be on)• Check the control unit triac protection fuses |
| 11 | In the case of an electronic machine, unit 1 or unit 2 are operating continuously even though dispensing for these units has not been selected | <ul style="list-style-type: none">• The solenoid valve and pump (or only the solenoid valve) are being permanently energised | <ul style="list-style-type: none">• Emergency switch tripped• Relay short-circuited and welded• In the case of model 95-26, button E plus button 1 or 2 are depressed |
| 12 | In the case of a semi-automatic machine, one | <ul style="list-style-type: none">• Circuit permanently energised | <ul style="list-style-type: none">• Contact in the ON switch welded or wires incorrectly connected |

unit is operating continuously

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| 13 | Small amounts of steam or drops of water coming from the steam tap | <ul style="list-style-type: none">• Adjusting screw not adjusted• Tap washer worn | <ul style="list-style-type: none">• If the machine has only recently been installed or if the washer has recently been replaced, unscrew the adjusting screw• If the machine is not new, replace the washer |
| 14 | A whistling noise is heard after coffee has been de-livered | <ul style="list-style-type: none">• Malfunction of the expansion valve• Pump pressure too high | <ul style="list-style-type: none">• Replace the seal and the spring in the valve and reset it to 12 bar• Reset the pump |
| 15 | The filter cup detaches itself while coffee is being delivered | <ul style="list-style-type: none">• Faulty seal under the filter cup | <ul style="list-style-type: none">• Replace the seal and carefully clean the seats of the three attaching points on the filter cup and unit by inserting and detaching the filter cup several times, cleaning it each time |
| 16 | While coffee is being de- livered, some spills out, dripping from the edge of the filter cup | <ul style="list-style-type: none">• Poor seal between the filter cup seal and the filter cup | <ul style="list-style-type: none">• Filter cup seal worn: replace it• Filters flattened by tapping on hard surfaces: replace |
| 17 | Water leaking from the unit solenoid valve discharge | <ul style="list-style-type: none">• Malfunction of the solenoid valve• For machines with temperature stabilisation, poor seal between the cooling tube and its O-ring | <ul style="list-style-type: none">• Check that the solenoid valve piston is free to move correct- ly inside the rod and that there are no impurities present: clean or replace• Check the O-ring inside the cooling chamber and replace if necessary |
| 18 | Water dripping from the tea tap | <ul style="list-style-type: none">• Tap washer worn• If manual tap, the adjusting screw needs adjusting• If electronic dispensing, solenoid valve leaking | <ul style="list-style-type: none">• As for the steam tap• Check the solenoid valve and replace if necessary |
| 19 | Light coloured cream (the coffee comes out of the spout fast) | <ul style="list-style-type: none">• Coffee ground too coarse• Weak pressing• Insufficient batch• Water temperature below 90°C• Pump pressure higher than 9 bar | <ul style="list-style-type: none">• Grind coffee finer• Increase the pressing force• Increase the batch dispensed• Increase boiler pressure• Reduce pump pressure• Check and clean with blind filter• Check and replace |

	<ul style="list-style-type: none"> • Sprinklers blocked • Filter holes enlarged 	
20 Dark coloured cream (the coffee drips out of the spout)	<ul style="list-style-type: none"> • Coffee ground too fine • Excessive pressing • Batch too large • Water temperature higher than 90°C • Pump pressure less than 9 bar • Sprinklers blocked • Filter and filter holder clogged 	<ul style="list-style-type: none"> • Grind coffee coarser • Reduce the pressing force • Reduce the batch amounts • Reduce boiler pressure • Increase pump pressure • Check and clean with blind filter • Check and clean
21 Coffee grounds in the cup	<ul style="list-style-type: none"> • Coffee ground too finely • Grinders worn • Pump pressure higher than 9 bar • Filter holes enlarged • Sprinklers blocked 	<ul style="list-style-type: none"> • Grind more coarsely • Replace the grinders • Reduce pump pressure • Check or replace • Clean or replace
22 Coffee with little cream (comes out of the spout in spurts)	<ul style="list-style-type: none"> • Filter cup holes blocked 	<ul style="list-style-type: none"> • Clean
23 Coffee dripping over edge of filter cup	<ul style="list-style-type: none"> • Filter cup delivery hole blocked • Poor sealing of the filter cup seal 	<ul style="list-style-type: none"> • Clean • Replace
24 Depressions in the coffee grounds in the filter cup	<ul style="list-style-type: none"> • Sprinklers partially blocked 	<ul style="list-style-type: none"> • Clean or replace and check filters with relevant dose
25 Cream does not last long	<ul style="list-style-type: none"> • Prolonged extraction due to blocked filter • Fast extraction due to blocked sprinklers • Water temperature too high 	<ul style="list-style-type: none"> • Clean or replace the filter • Clean or replace the sprinklers • Reduce the boiler pressure