



Electrolux

SERVICE MANUAL COOFEE-MAKERS

Coffee-maker for built-in
installation

PE4571-M



Document Revisions

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0	03/2018	Document creation	Rui Almeida

EN

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Consumer Service - EMEA
Quality & Continuous Improvement - Technical Support

MACCHINA DA CAFFÈ' AUTOMATICA AUTOMATIC COFFEE MACHINES

AEG 942401217 01 PE4571-M (vs INT/AU)
0132273101

DATI TECNICI / TECHNICAL DATA / TECHNISCHE DATEN DONNEES TECHNIQUES / DATOS TECNICOS

Voltaggio / Voltage / Spannung / Voltage / Voltaje V 220-240 Hz 50/60

Max. potenza assorbita / Max. input power W 1350

SEZIONE CAFFÈ / COFFEE SECTION

Sonda termica / Temperature probe °C 98 (Caffè / Coffee)
°C 98 (Acqua calda / Hot water)

Fusibile termico TCO / Thermal fuse TCO °C 192

Resistenza riscaldamento / Heating element W 600+600

Pompa / Pump ULKA EP5 - W 48

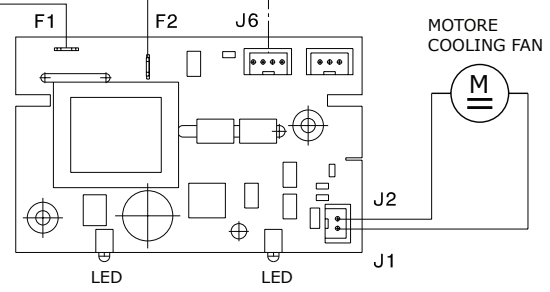
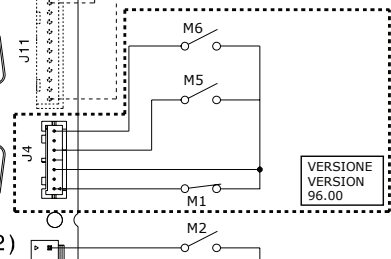
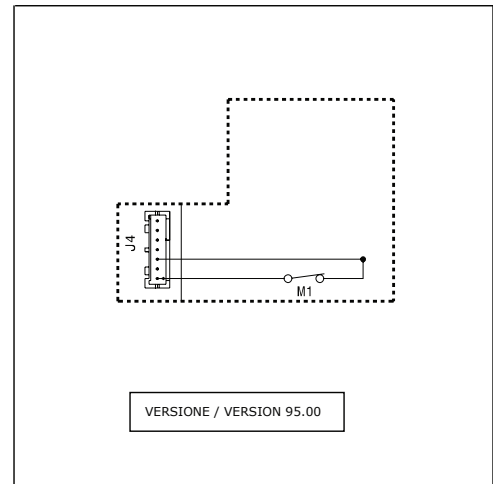
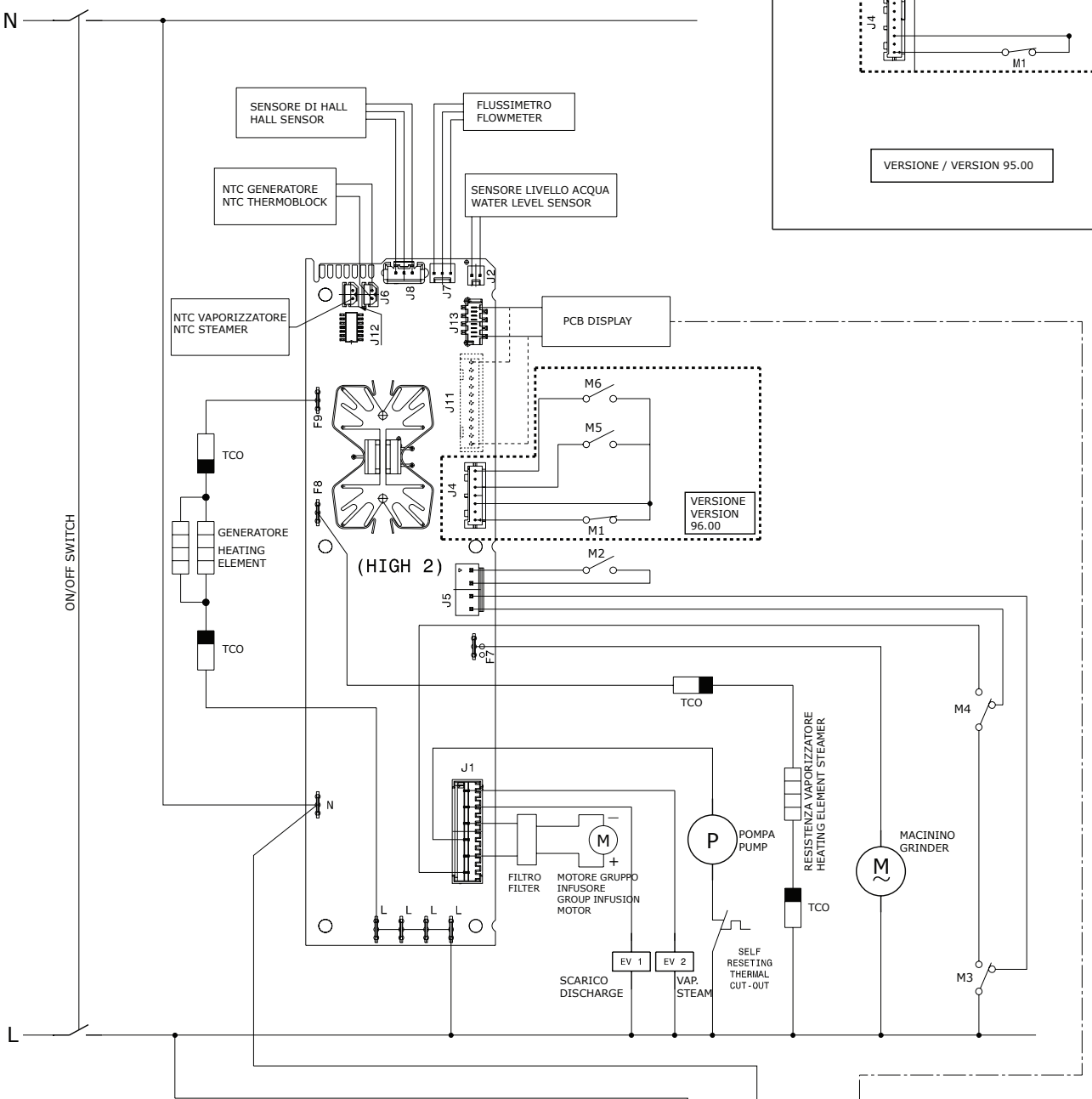
SEZIONE VAPORE / STEAM SECTION

Sonda termica / Temperature probe °C 145 (Vapore / Steam)

Fusibile termico TCO / Thermal fuse TCO / Thermische-Sicherung TCO °C 318
Fusible thermique TCO / Fusible térmico TCO

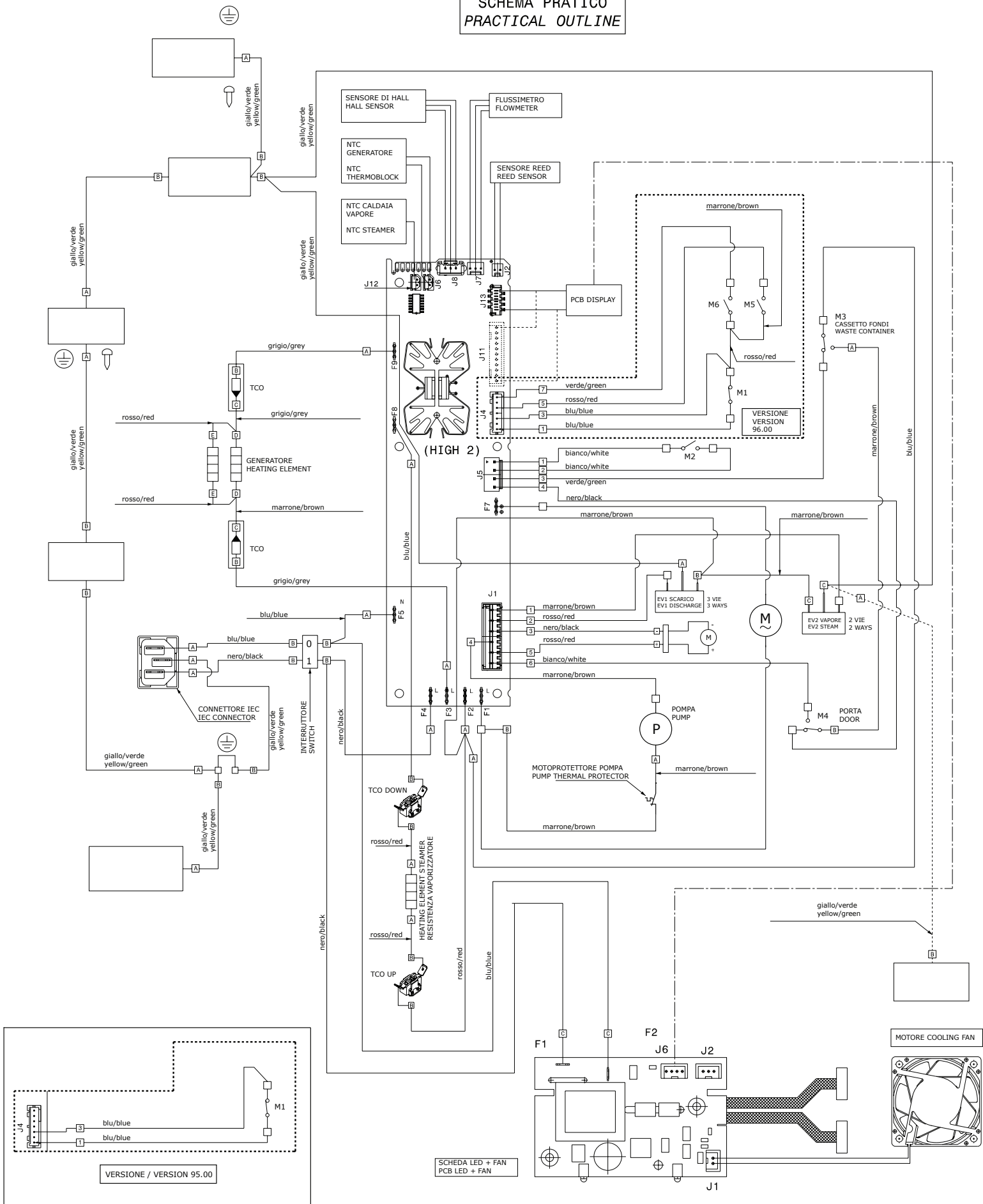
Resistenza riscaldamento / Heating element / Heizelement W 1000
Elément chauffant / Resistencia de calefacción

SCHEMA TEORICO
THEORETICAL OUTLINE



- LEGENDA / LEGEND:**
- M1 = GRUPP ALTO / UPPER MICROSWITCH (INFUSION GROUP MOTOR)
 - M2 = GRUPPO BASSO / LOWER MICROSWITCH (INFUSION GROUP MOTOR)
 - M3 = CASSETTO FONDI / DRAWER MICROSWITCH
 - M4 = PORTA ACCESSO / DOOR MICROSWITCH
 - M5 = PRESENZA IFD / IFD PRESENCE
 - M6 = PRESENZA PIPETTA / H2O SUPPL. PRESENCE
 - EV1 = ELETTROVALVOLA 3 VIE SCARICO / 3 WAYS SOLENOIDE VALVE (WAY OUT)
 - EV2 = ELETTROVALVOLA 2 VIE VAPORE / 2 WAYS SOLENOIDE VALVE (STEAM)
 - L = FASE / PHASE - LIVE
 - N = NEUTRO / NEUTRAL
 - TCO = TERMOFUSIBILE / THERMAL CUT OFF
 - H.E. = ELEMENTO RISCALDANTE / HEATING ELEMENT

**SCHEMA PRATICO
PRACTICAL OUTLINE**



TEST PROCEDURE

Load test mode

TEST	PROCEDURA	Corrispondenza icona con attivazione carico Pressing each icon below, you can check the load		NOTES
		icon	carico (load)	
LOAD TEST MODE	<p>Con macchina in stand-by (macchina spenta ma con interruttore generale in posizione I) aprire lo sportello di servizio e tenere premuto contemporaneamente le icone ESC, 1 TAZZA e ACQUA CALDA per almeno 6 secondi, ovvero sino a quando il display non visualizza il messaggio "SELECT TEST", dopodiché chiudere lo sportello e premere l'icona LIGHT: sul display comparirà "LOAD TEST MODE".</p> <p>With the machine in stand-by (plugged in with the main switch on I, but the machine OFF), open the service door. Keep the icons ESC, 1 CUP and HOT WATER pressed till on the display is shown the message "SELECT TEST" (min. 6 seconds); close the service door and then press on the icon LIGHT. After a few seconds the display will show the message: "LOAD TEST MODE"</p>			<p>Per uscire dal test togliere l'alimentazione</p> <p>Plug off the appliance to quit the load test mode</p>
		On/Stand by	Caldaia vapore (Steam boiler)	
		2 Tazze (2 Cups)	EV1 (Scarico) + Fan (Ventola)	
		1 Tazza (1 Cup)	Caldaia caffè (Coffee boiler)	
		Vapore (Steam)	EV1+EV2 + Light on	
		Acqua Calda (Hot Water)	EV2 Erogaz. (Deliv.)	
		Gusto (Taste)	Macinino (Grinder)	
		Light	Infusore giù (Motor down)	
		Menu	Infusore su (Motor up)	
		Lunghezza/OK (Lenght)	Pompa (Pump)	

TEST PROCEDURE

Display test mode

DISPLAY TEST MODE

Con macchina in stand-by (macchina spenta ma con interruttore generale in posizione I) aprire lo sportello di servizio e tenere premuto contemporaneamente le icone ESC, 1 TAZZA e ACQUA CALDA per almeno 6 secondi ovvero sino a quando il display non visualizza il messaggio "SELECT TEST", dopodiché chiudere lo sportello e premere l'icona LIGHT: sul display comparirà "DISPLAY TEST MODE"

With the machine in stand-by (plugged in with the main switch on I, but the machine OFF), open the service door. Keep the icons ESC, 1 CUP and HOT WATER pressed till on the display is shown the message "SELECT TEST" (min. 6 seconds); close the service door and then press on the icon LIGHT. After a few seconds the display will show the message: "DISPLAY TEST MODE"

Corrispondenza icona con visualizzazione display
Pressing each icon below, you can check the display

icon	display
MENU	BUTTON 1
Lunghezza (Lenght)	BUTTON 2
Gusto (Taste)	BUTTON 3
Light/OK	BUTTON 4
Acqua Calda (Hot Water)	BUTTON 5
2 Tazze (2 cups)	BUTTON 6
1 Tazza (1 cup)	BUTTON 7
Vapore (Steam)	BUTTON 8

Dopo 10" di non utilizzo esce dal test. Viene resettata la lingua impostata ed abilitato il primo innesco.

The display test mode quits after 10" of inactivity. The test resets the language and will restart from the pump priming

AZZERAMENTO QUOTA MASSIMA INFUSORE (ENCODER RESET MODE)

AZZERAMENTO QUOTA

Con macchina in stand-by (macchina spenta ma con interruttore generale in posizione I) aprire lo sportello di servizio e tenere premuto contemporaneamente le icone ESC, 1 TAZZA e ACQUA CALDA per almeno 6 secondi, ovvero sino a quando il display non visualizza il messaggio "SELECT TEST", dopodiché chiudere lo sportello e premere OK.

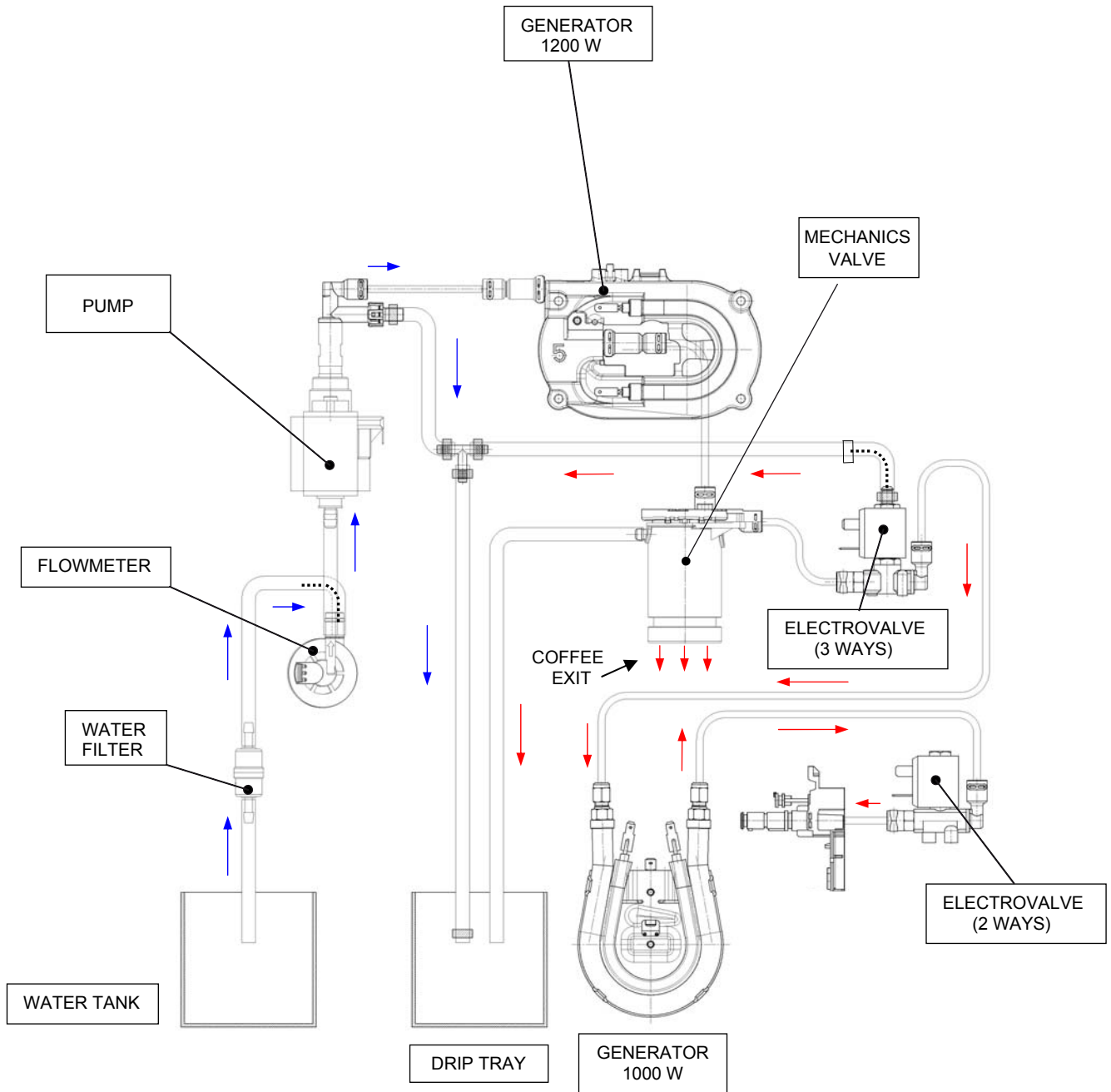
La macchina esce dalla modalità TEST appena premuto il tasto OK. È necessario eseguire un risciacquo.

ENCODER RESET MODE

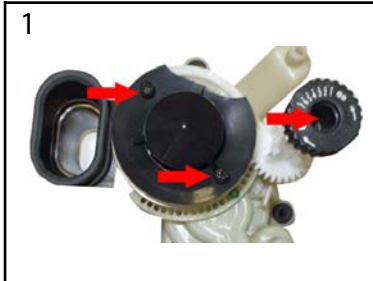
With the machine in stand-by (plugged in with the main switch on I, but the machine OFF), open the service door. Keep the icons ESC, 1 CUP and HOT WATER pressed till on the display is shown the message "SELECT TEST" (min. 6 seconds); close the service door and then press on OK.

When you press the icon OK, the encoder reset mode quits. It's necessary to deliver a rinsing cycle.

IDRAULIC CIRCUIT



Grinder Set-up for all models of the Magnifica, Automatic coffee maker



1
Remove the coffee beans container, the black finger saver and the knob.



2
Turn the white shaft clockwise till it stops. Remove the upper part of the grinder by pulling it upwards.



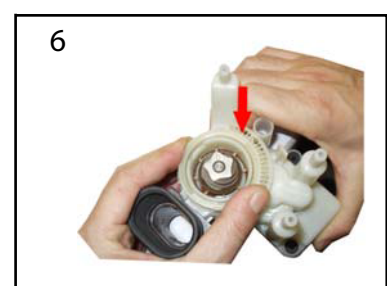
3
Verify the position of the white gasket (has to be as on the picture)



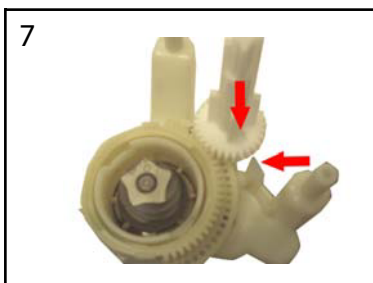
4
Remove the white plastic ring by pulling it.



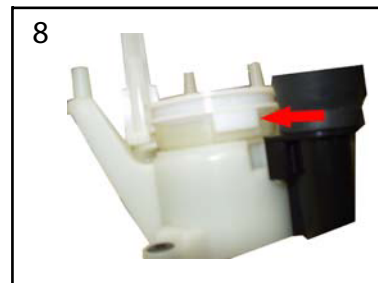
5
Turn the white shaft counter-clockwise till it stops. Pull to remove it.



6
Now you can change the setting:
Turn the gear **clockwise*** to reduce the coarseness (finer coffee) .
Turn the gear **counterclockwise*** to increase the coarseness (**thicker**).



7
Insert the white shaft, making sure its larger notch is aligned with the one on the grinder .



8
Insert the white ring making sure its notch as well is inserted on the correct position



9
Turn the shaft **CLOCKWISE** till it stops to insert the upper gear .
Then turn the shaft all the way **COUNTER CLOCKWISE**.

(* before to change the setting, check and mark the initial position taking as reference the position of the metal ball you see through the holes on the white ring.

Change the setting carefully by turning the white ring of one or max two steps (one or two holes) either way as required.