



# MACCHINE DA CAFFE' AUTOMATICHE AUTOMATIC COFFEE MACHINES

De' Longhi ESAM 5400- ESAM 5450

(INT/CH)

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

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

Max. potenza assorbita / Max. input power **W 1350**

## SEZIONE CAFFE' / COFFEE SECTION

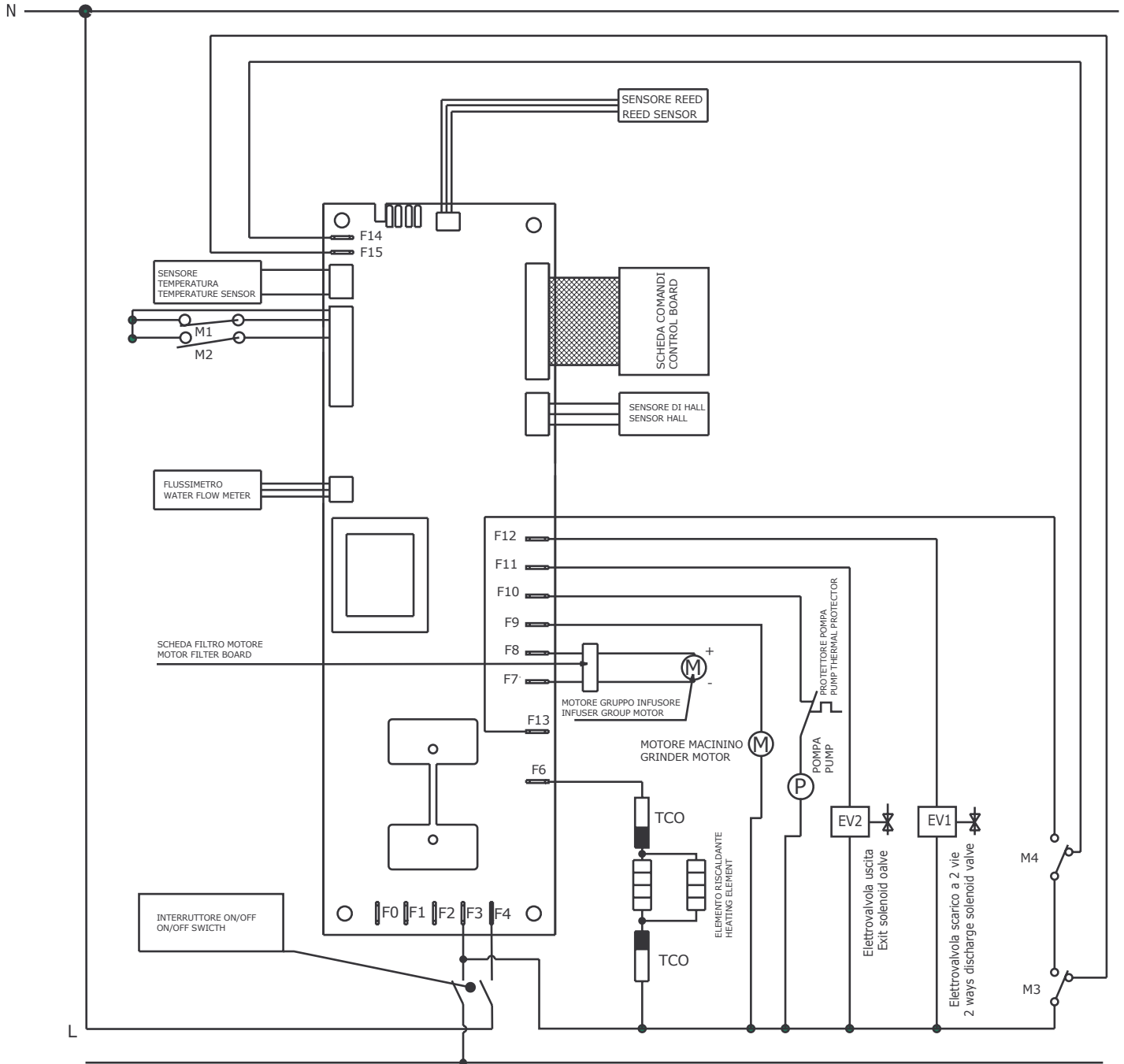
Sonda termica / Temperature probe  
°C **98** (Caffè / Coffee)  
°C **130** (Acqua calda / Hot water)

Fusibile termico TCO / Thermal fuseTCO  
°C **192**

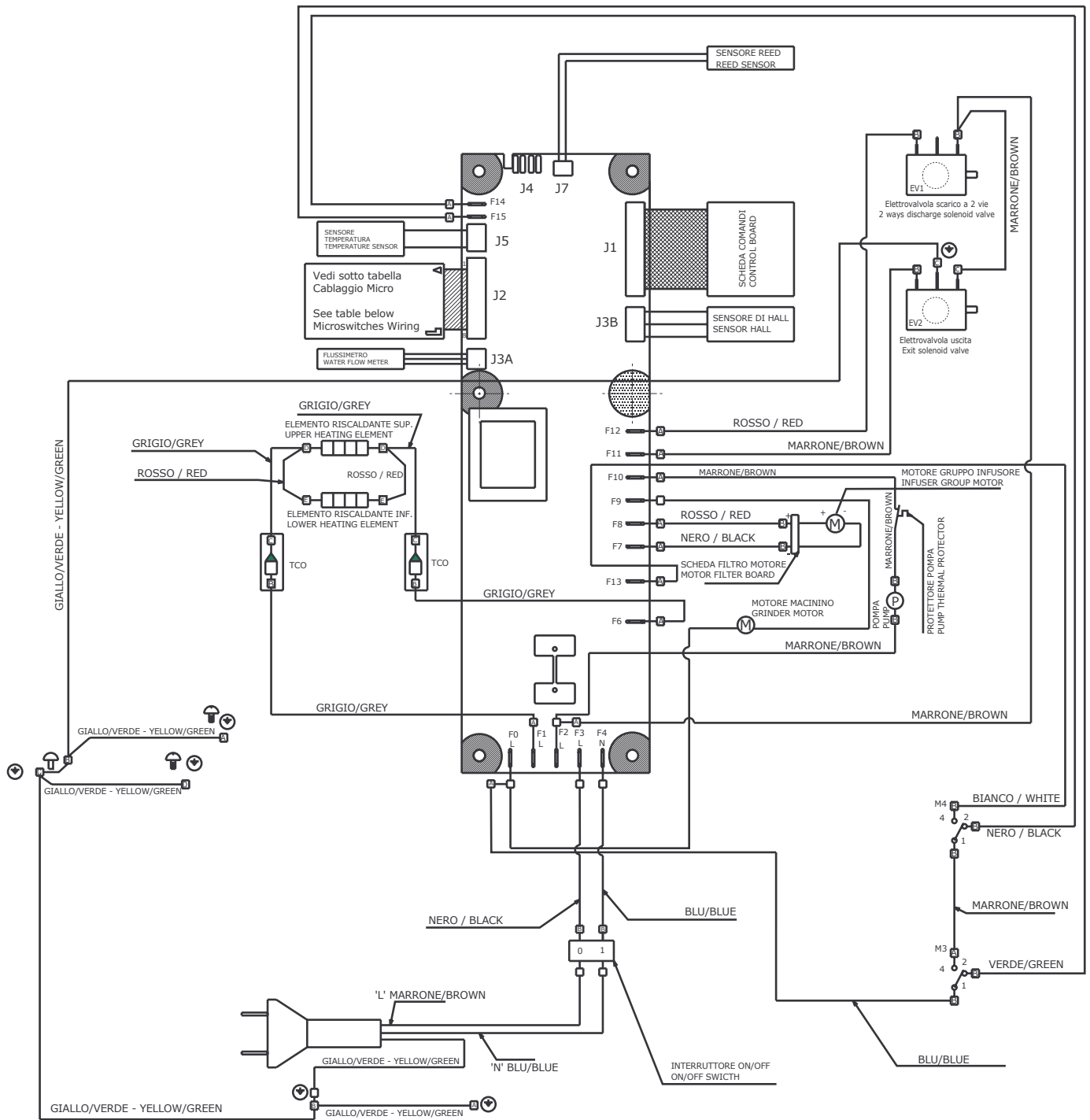
Resistenza riscaldamento **W 600 + 600**

Pompa / Pump **TYPE / W ULKA EP5 / 48**

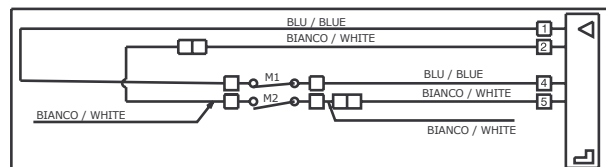
# SCHEMA ELETTRICO / ELECTRICAL DIAGRAM



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Legenda Micro / Microswitches	
M1	Infusore alto / Infuser top position
M2	Infusore basso / Infuser bottom position
M3	Cassetto fondi / Coffee grounds container
M4	Portina Service / Service Door





To enter the procedure:

Press and hold: 1 Coffee + Hot water buttons  
then plug the machine On

- . Pressing ON / OFF button: EV1 + EV2 ON
- . Pressing "P" button: Coffee boiler ON ("HEATER ON")
- . Pressing "Rinsing" button: Grinder ON
- . Pressing "Coffee taste" button: EV2 ON
- . Pressing One Cup button: EV1 ON
- . Pressing Two Cups button: MOTOR UP, till "LIMIT SWITCH UP",  
then "MOTOR DOWN", till "LIMIT SWITCH DOWN".
- . Pressing "Hot Water" button: Water pump ON

**NOTE: statistic procedure is available throught the user MENU.**

To EXIT the procedure, unplug the machine.



# DYSPLAY TEST PROCEDURE FOR ESAM5400 / 5450 Perfecta



To enter the DISPLAY Test:  
Press and Hold: 2 Cups + Hot water buttons  
then plug the machine On

. Pressing each single button the display  
will show the number of the button.  
Turning the knob, the display will show the bar increasing or decreasing.

Note: after performing this procedure, the machine has to be  
initialized again: set language and priming the water cycle.

**NOTE: statistic procedure is available throught the user MENU.**

To EXIT the procedure, unplug the machine.



Per entrare nella procedura:

tenere premuti contemporaneamente i tasti  
"1 tazza" + "acqua calda" e inserire la spina.

- . Premendo il tasto ON / OFF: elettrovalvole ON (EV1 + EV2 ON),
- . Premendo il tasto "P": Caldaia caffè ON (HEATER ON),
- . Premendo il tasto "Risciacquo": macinino ON "(GRINDER ON),
- . Premendo il tasto "Gusto caffè": elettrovalvola EV2 ON (EV2 ON),
- . Premendo il tasto "1 tazza": elettrovalvola EV1 ON (EV1 ON),
- . Premendo il tasto "2 tazze": si alimenta il motore in salita (MOTOR UP),  
finchè raggiunge il finecorsa superiore (LIMIT SWITCH UP),  
tenendo sempre premuto il motore cambia direzione e scende  
(MOTOR DOWN), finchè raggiunge il finecorsa inferiore (LIMIT SWITCH  
DOWN) e poi si ferma.
- . Premendo il tasto "Acqua calda": si alimenta la pompa.

**NB: alla funzione statistica si accede dal menù utente.**



Per entrare nella procedura:

tenere premuti contemporaneamente i tasti  
"2 tazze" + "acqua calda" e inserire la spina

Premendo ciascun tasto sul display comparirà il numero corrispondente.

Ruotando la manopola, si incrementa o decrementa la barra a LED.

**NB: alla funzione statistica si accede dal menù utente.**

## TARATURA MACININO ESAM



1  
Svitare la vite manopola e sfilarla  
Svitare le 2 viti e togliere la griglia di protezione



2  
Ruotare l'alberino ghiera in senso orario fino a fine corsa. Estrarre la macina mobile



3  
Verificare il corretto posizionamento della guarnizione



4  
Togliere l'anello di blocco



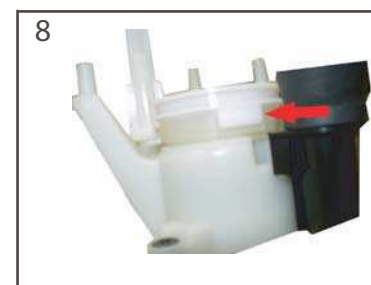
5  
Ruotare l'alberino ghiera in senso antiorario fino a fine corsa e toglierlo.



6  
Ruotare la ghiera in senso ORARIO per macinare + FINE .  
Ruotare la ghiera in senso ANTIORARIO per macinare + GROSSO .  
Ruotare da 1 o 2 scatti alla volta



7  
Inserire alberino ghiera con la tacca che indica il segnatacca.



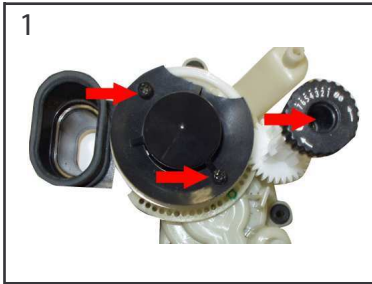
8  
Inserire l'anello di blocco nella giusta posizione.



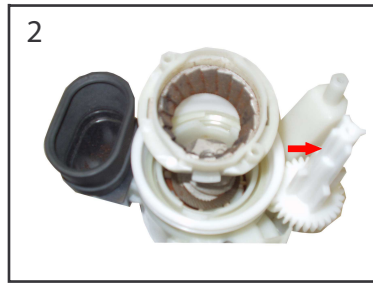
9  
Ruotare l'alberino in senso ORARIO fino a fine corsa e inserire la macina. Quindi ruotarlo di nuovo in senso antiorario fino a fine corsa.



# 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.



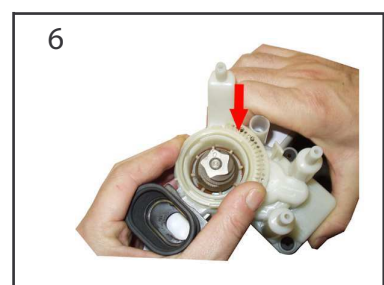
3  
Verify the position of the white gasket (has to be as on the picture)



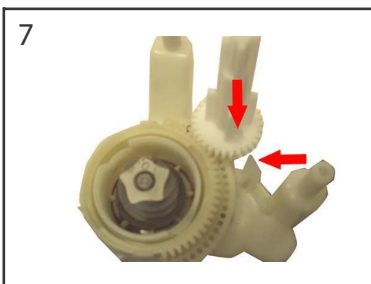
4  
Remove the white plastic ring by pulling it.



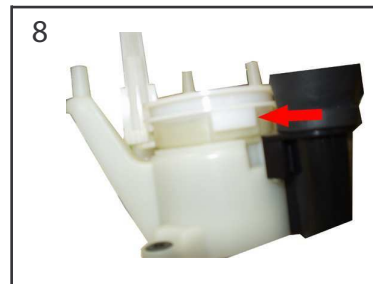
5  
Turn the white shaft counter-clockwise till it stops. Pull to remove it.



6  
Now you can change the setting:  
Turn the gear **clockwise\*** to reduce the coarseness (finer coffee).  
Turn the gear counter-clockwise\* 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.