



# SERVICE MANUAL VIRTUS MULTI 60 DD

SM2300017

# SERVICE MANUAL VIRTUS MULTI 60 DD

## Product presentation / presentazione prodotto



### Specs

TYPE	Multifunction
UI	Digital Display + 5 soft buttons + 1 Knob
DIMENSION	60 x 60
TEMP RANGE (°C)	30 -300
MOISTURE CONTROL	--
FOOD PROBE	--
DOOR	Cool door (3 glasses) - Soft Closing
LIGHTS	2 halogen
LEVELS	5
GUIDES	Metal guides
CLEANING	Hydrocleaning
EEl	A+ (TBC)
CAVITY VOLUME	65 l
MAX POWER	2,45 kW/ 3,2 KW booster
ACCESSORIES	1 baking tray, 2 wire shelves

### Cooking Programs (9)



Pizza



Fan Grill



Grill



Static Cooking



Intensive Cooking



Multiple Fan



Cooking from below



Eco



Fast PreHeat



PERFECT HEAT



SOFT CLOSING



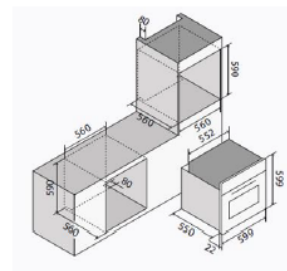
COOL DOOR



EASY CLEAN



CABINET PROTECTION



# SERVICE MANUAL VIRTUS MULTI 60 DD

Product presentation / presentazione prodotto



# SERVICE MANUAL VIRTUS MULTI 60 DD

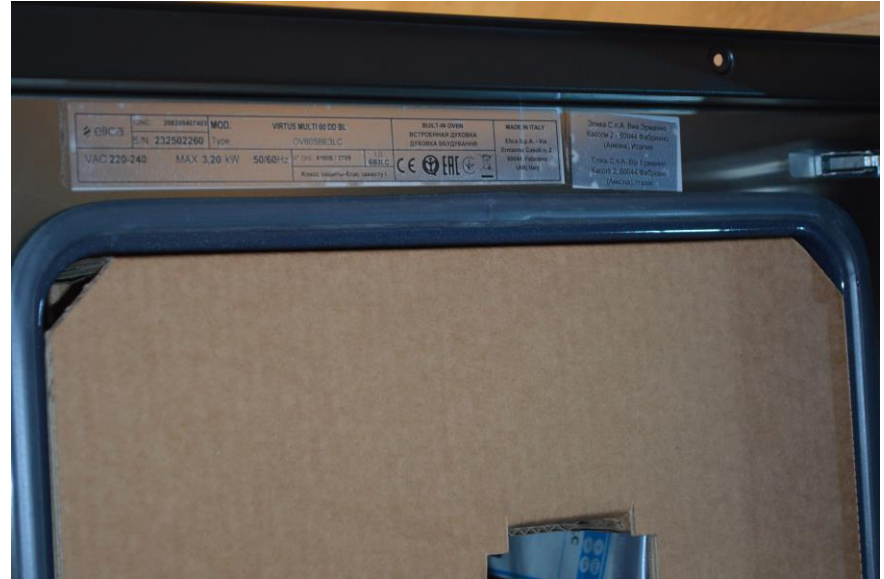
Product presentation / presentazione prodotto





# SERVICE MANUAL VIRTUS MULTI 60 DD

Product presentation / presentazione prodotto



Inside the documentation you will find the copy of the characteristic label/All'interno della documentazione trovi la copia dell'etichetta caratteristica



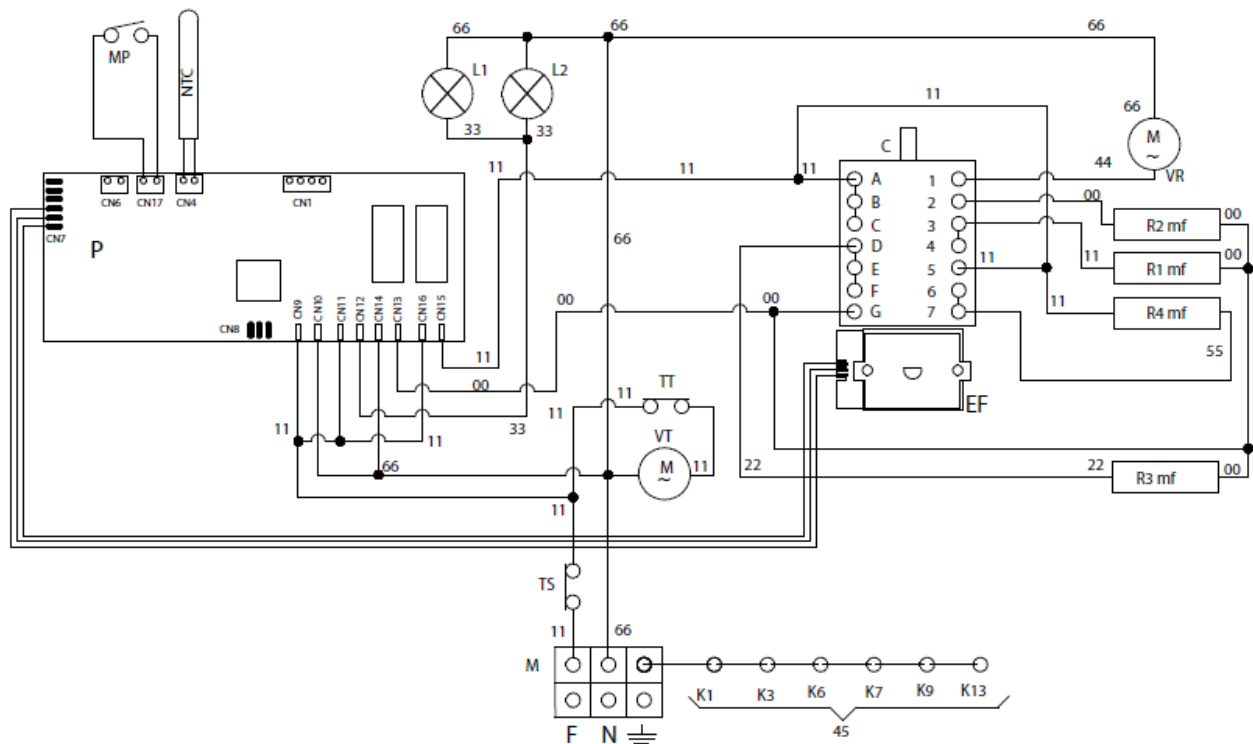
# SERVICE MANUAL VIRTUS MULTI 60 DD

Product presentation / presentazione prodotto



# SERVICE MANUAL VIRTUS MULTI 60 DD

## Electrical drawing/ Schema elettrico



Legend / Legenda	
0	black / nero
11	brown / marrone
22	red / rosso
33	white / bianco
44	yellow / giallo
45	yellow/green / giallo/verde
55	grey / grigio
66	blue / blu
C	Switch / Commutatore
EF	Encoder functions / Encoder funzioni
F	Line / Fase
K1	Ground wire terminal block / Filo terra morsettiere
K3	Ground wire oven fan / Filo terra ventilatore forno
K6	Ground wire oven light 1 / Filo terra luce forno 1
K7	Ground wire oven light 2 / Filo terra luce forno 2
K9	Ground wire motor / Filo terra grill
K13	Ground wire grill / Filo terra motovent. tangen.
N	Neutral / Neutro
M	Terminal blocks / Morsettiere
MP	Door microswitch / Microinterruttore porta
NTC	Temperature sensor / Sonda di temperatura
P	Main Board / Programmatore
R1	Upper heating element / Resistenza superiore
R2	Bottom heating element / Resistenza inferiore
R3	Grill heating element / Resistenza grill
R4	Circular heating element / Resistenza circolare
TS	Safety thermostat / Termostato di sicurezza
TT	Tangential thermostat / Termostato tangenziale
V	Oven fan / Ventilatore forno
VT	Cooling fan / Vent. Raffreddamento

## Service tool / strumenti per riparazione



For any service repair you need to uninstall the product – see user manual / Per qualsiasi riparazione si deve disinstallare il prodotto – vedi manuale d'installazione



Philips PH2

Flathead screw driver – Cacciavite piatta

Plier – Pinza

Spanner 7,10 – Chiave 7,10



## Trouble Shooter / Problemi generici

### Errors

DESCRIZIONE	ID errore
probe NTC/PT1000 open circuit	Er00
probe NTC/PT1000 in short circuit	Er01
Tangential fan not working	Er04

### Errori di sistema

DESCRIZIONE	ID errore
sonda NTC interrotta	Er00
sonda NTC in corto circuito	Er01
sovratemperatura display	Er04

### 9. Demo Mode

In DEMO mode, it is possible to cycle through the functions without the oven actually heating up.



DEMO is enabled using the following procedure:

- knob to OFF and all functions switched off
- simultaneous pressing of the **Function Button** (☐) and **Start/Stop Button** (▶||) for 8 seconds.



- When the mode is enabled, the dots on the **Clock 1423** flash and the display shows the wording **d 00** for 3 seconds (the display repeats the first time an active button is pressed after 3 minutes of inactivity of the oven)
- To exit DEMO mode, repeat the enabling procedure

### 9. Modalità Demo

In modalità DEMO è possibile navigare attraverso le funzioni senza che il forno si riscaldi.



La DEMO si attiva con la seguente procedura:

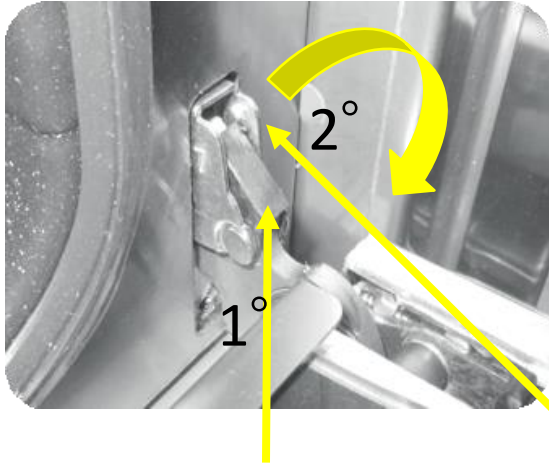
- manopola su OFF e tutte le funzioni spente
- pressione contemporanea del **Tasto Funzione** (☐) e **Tasto Avvio/Stop** (▶||) per 8 secondi.



- Quando la modalità è attiva i puntini dell'**Orologio 1423** lampeggiano e sul display viene visualizzata la scritta **d 00** per 3 secondi (la visualizzazione si ripete alla prima pressione di un tasto attivo dopo 3 minuti di inattività del forno).

- Per uscire dalla modalità DEMO ripetere la procedura di attivazione

## Removal of the front door / Rimozione dello sportello



Opening latch /  
linguetta d'apertura

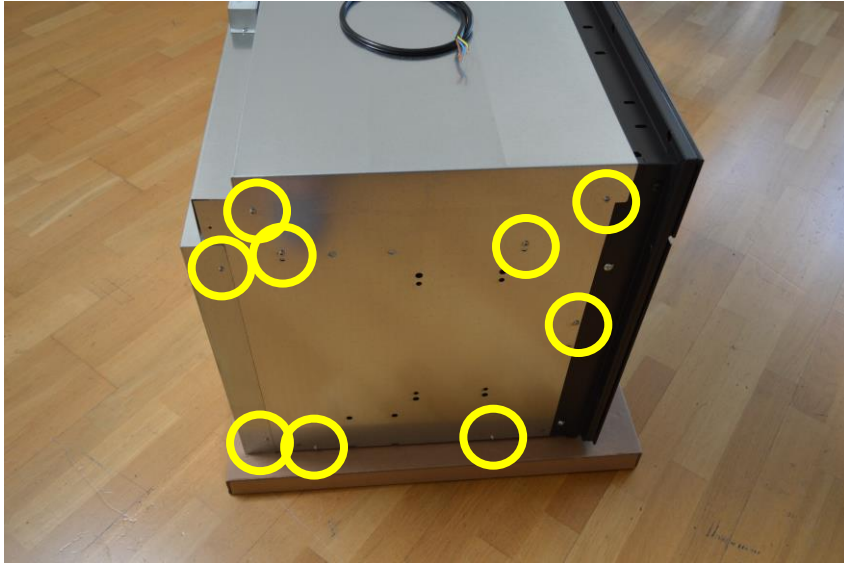


Security latch /  
linguetta di sicurezza



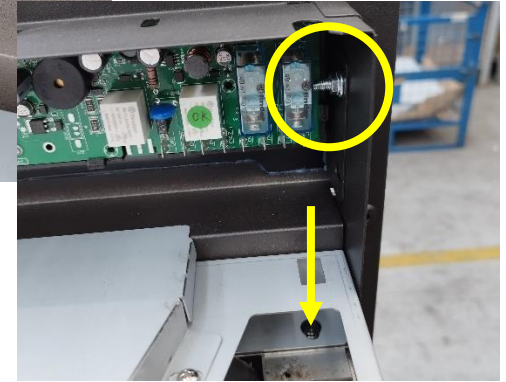
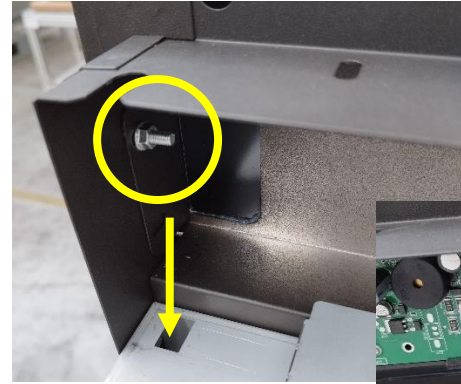
Close the door and pull upwards/  
Richiudere lo sportello e tirare verso  
l'alto

## HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA



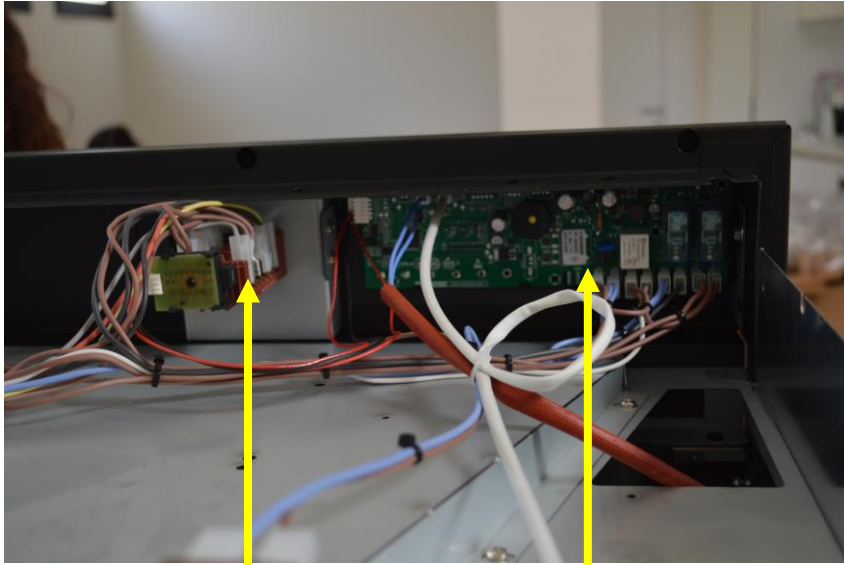
Remove the fixing screws of the external covering at left and right side / togliere le viti di fissaggio della copertura esterna a destra e sinistra.

## HOW TO REPLACE FRONT PANEL / COME SOSTITUIRE IL CRUSCOTTO



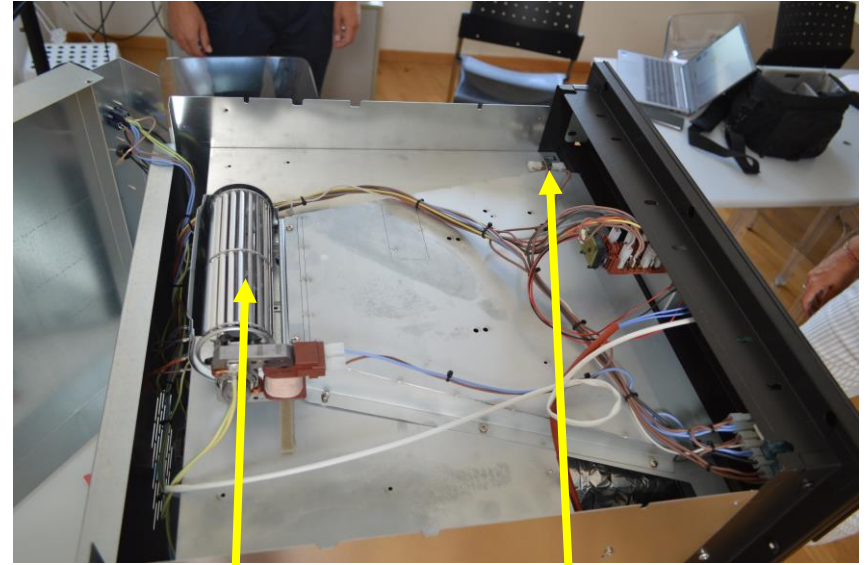
Remove the nuts circled, use a 7 mm spanner and remove the 2 screws inside the slots circled with arrows / Rimuovere i dadi indicati con i cerchi, utilizzare una chiave da 7 e rimuovere le 2 viti all'interno degli spacchi cerchiati con le frecce.

## ELECTRICAL COMPONENTS / COMPONENTI ELETTRICI



Switch / Commutatore

Main board /  
Programmatore

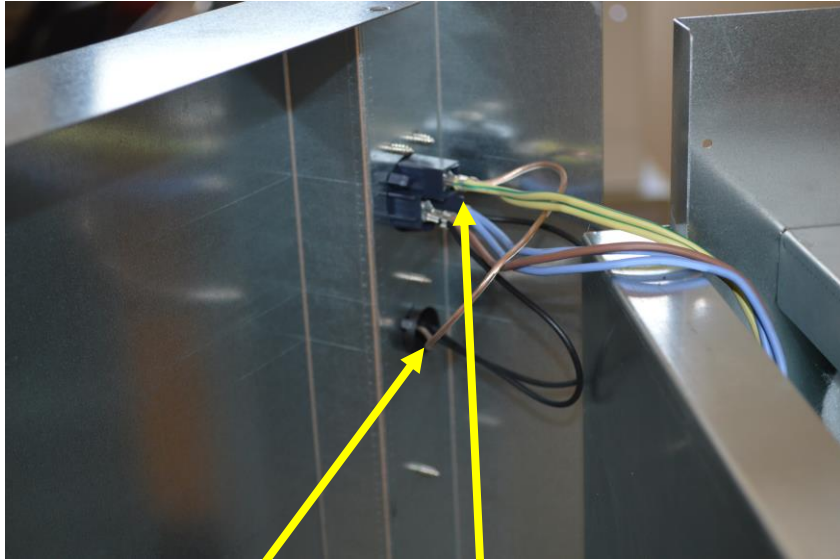


Cooling fan / Ventola  
raffreddamento

Tangential thermostat/  
Termostato tangenziale



## ELECTRICAL COMPONENTS / COMPONENTI ELETTRICI



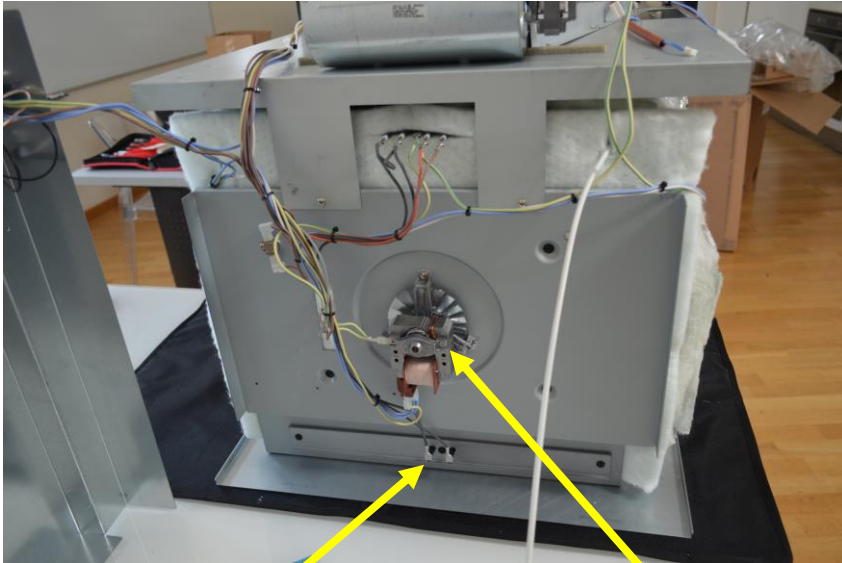
EMI filter / Filtro  
antidisturbo

Terminal blocks /  
Morsettiera

EMI filter / Filtro  
antidisturbo

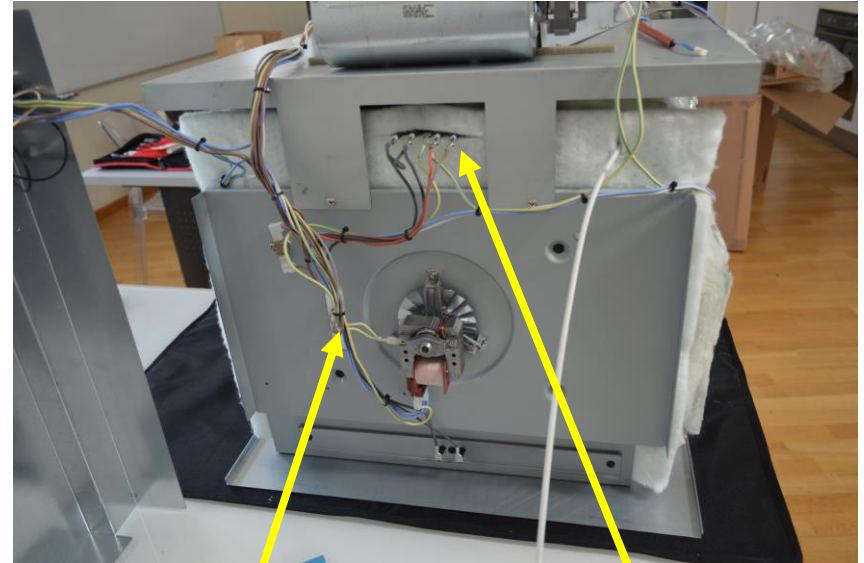


## ELECTRICAL COMPONENTS / COMPONENTI ELETTRICI



Bottom heating element/  
Resistenza inferiore

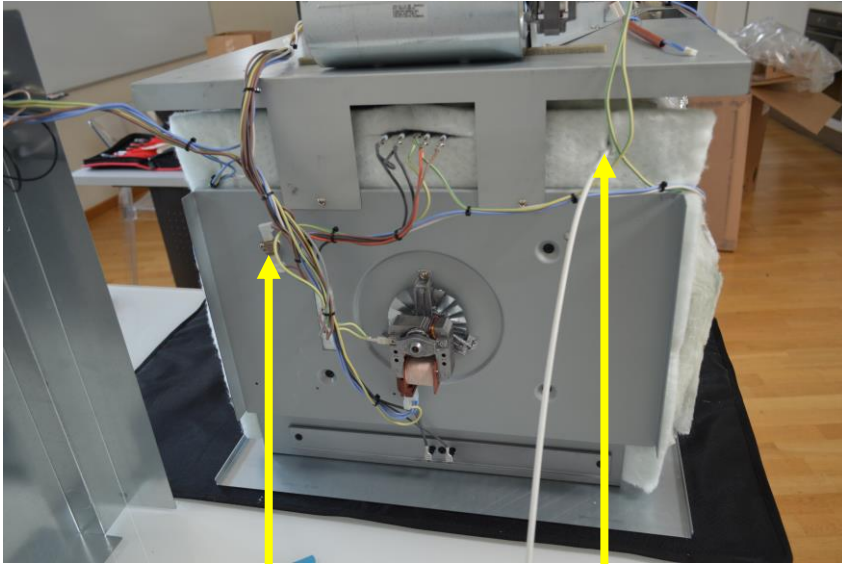
Oven fan/  
Ventilatore forno



Circular heating element/  
Resistenza circolare

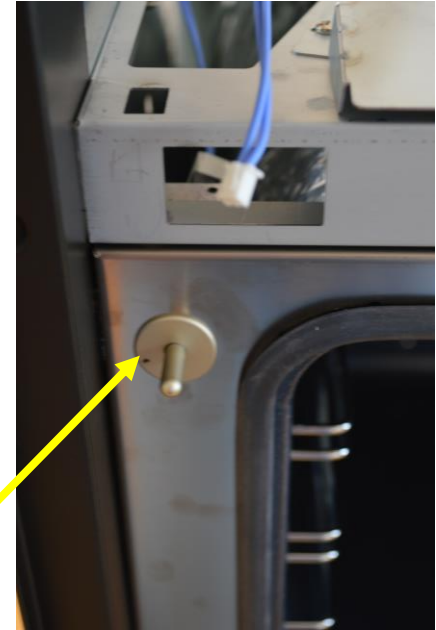
Upper heating element/  
Resistenza superiore

## ELECTRICAL COMPONENTS / COMPONENTI ELETTRICI



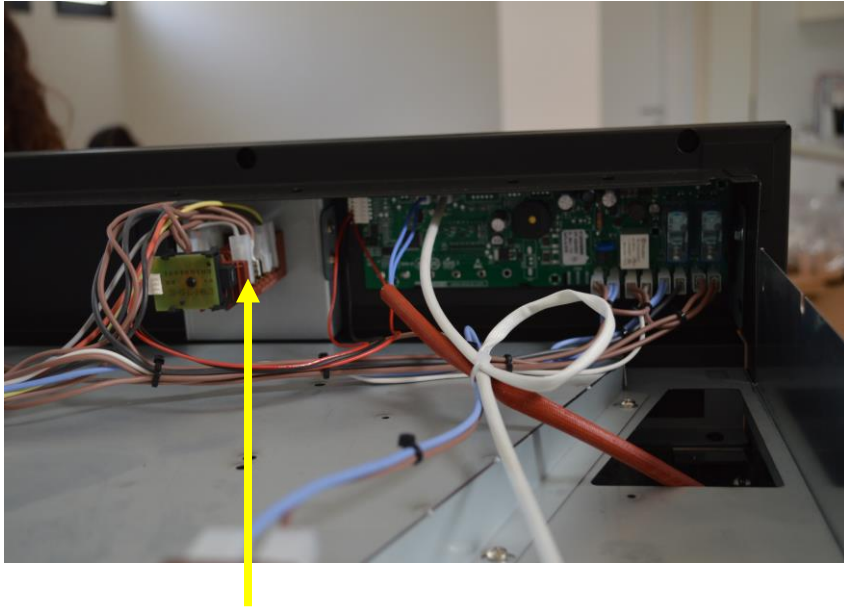
Security thermostat/  
Termostato di sicurezza

Temperature sensor /  
Sonda di temperatura



Door microswitch /  
Microinterruttore porta

## HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA

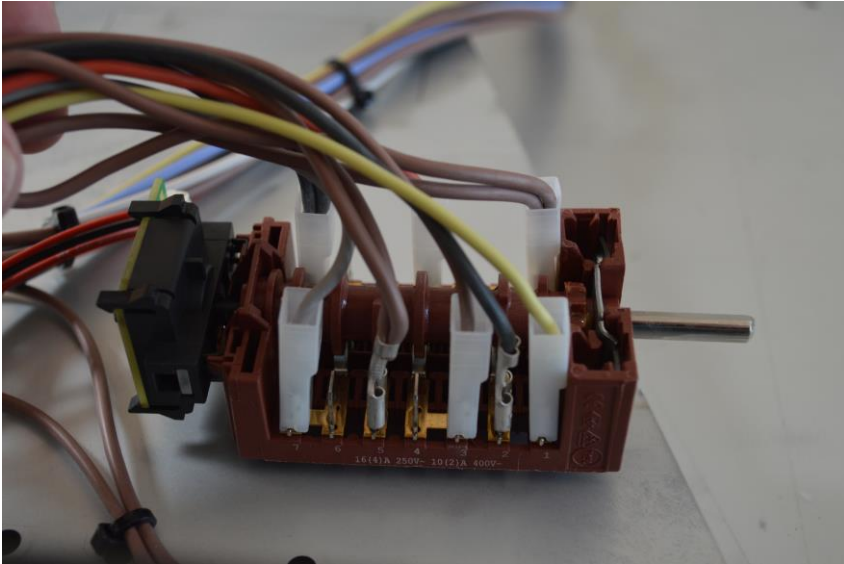


Switch / Commutatore



Lift-up the control knob and unscrew the switch /  
Togliere il pomello e svitare il commutatore

## HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA



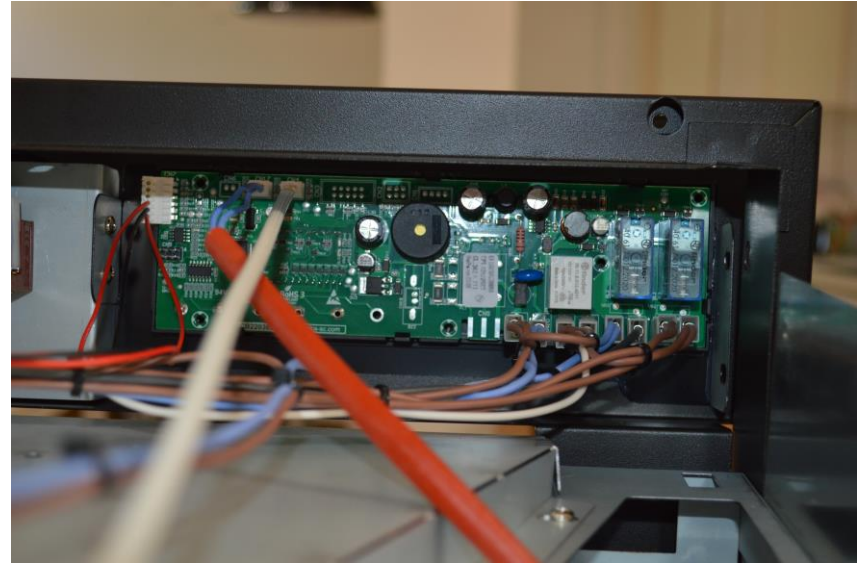
Remove all electrical connections / Togliere tutti i collegamenti elettrici



## HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA

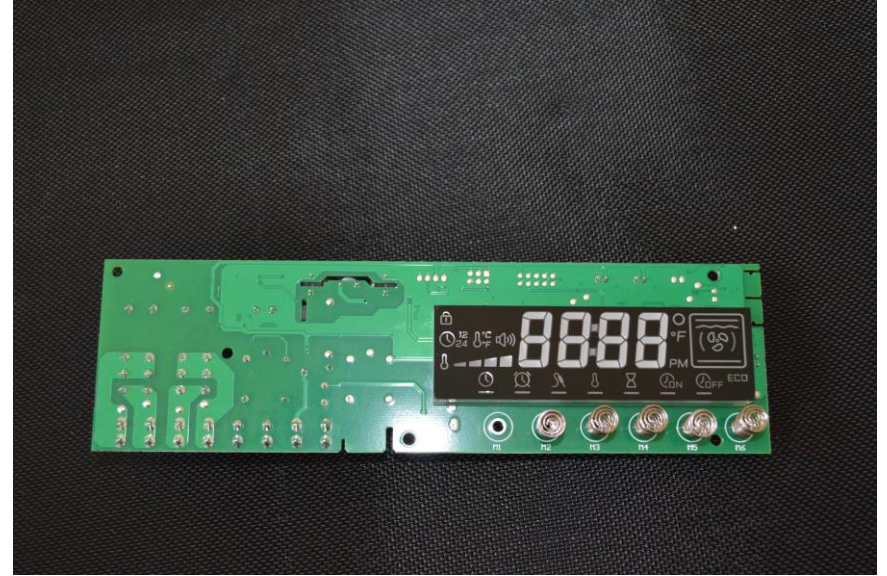
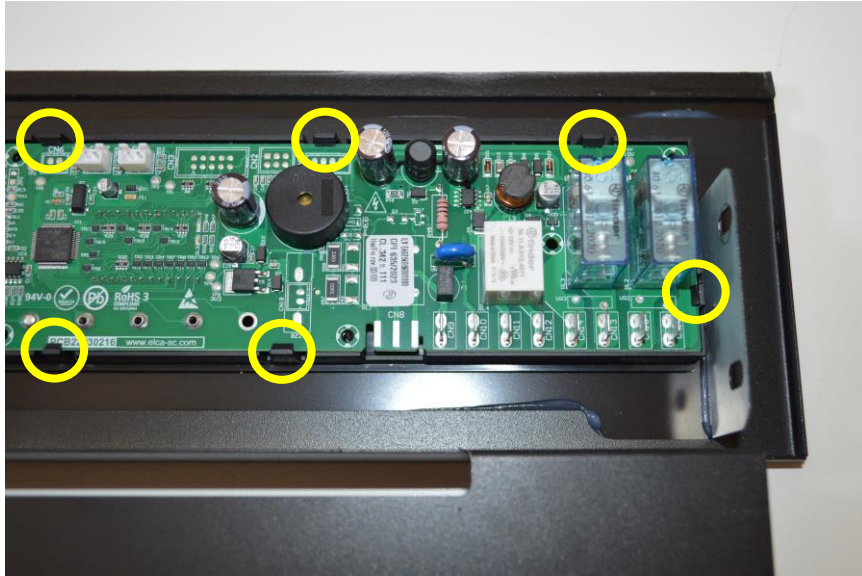


Main board / Programmatore



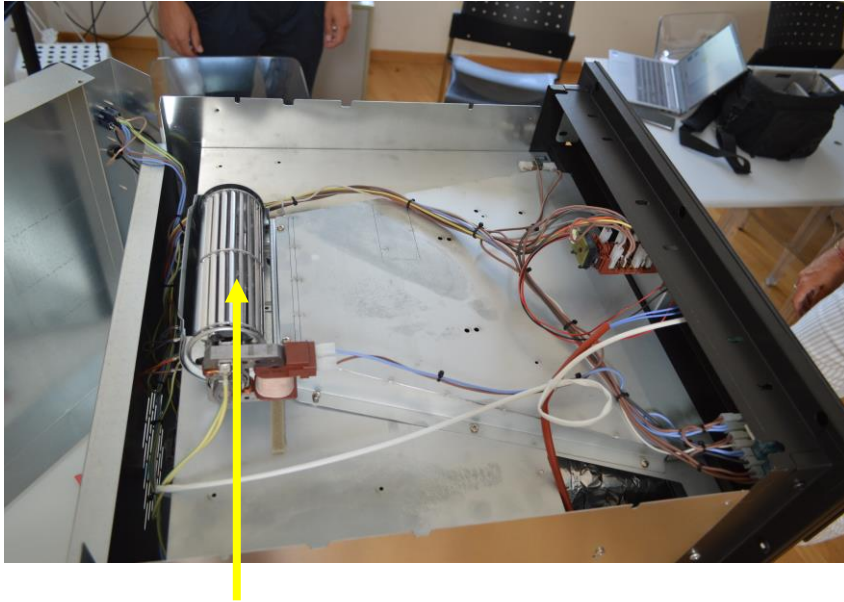
Remove all electrical connections / Togliere tutti i collegamenti elettrici

## HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA

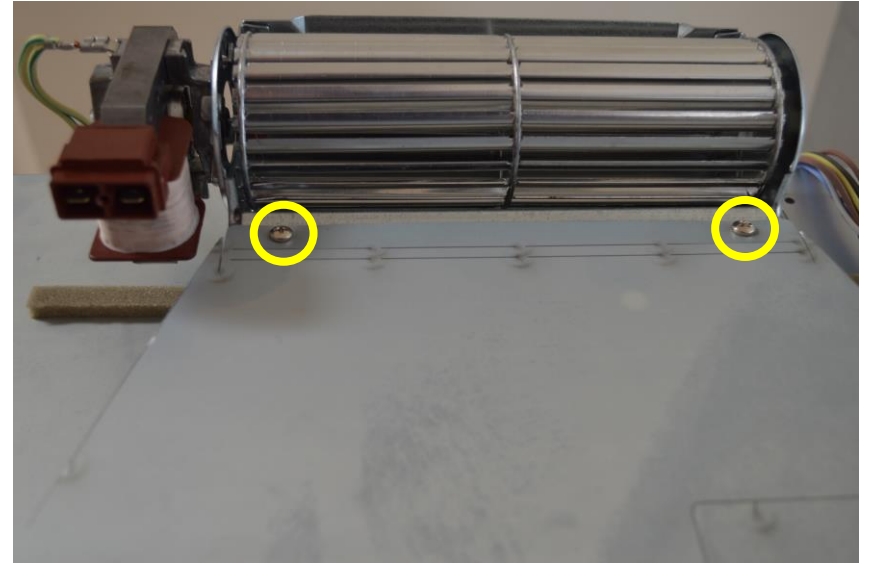


Unhinge the main board from support / Sganciare il programmatore dal supporto

## HOW TO REMOVE COOLING FAN / COME RIMUOVERE VENTOLA DI RAFFREDDAMENTO

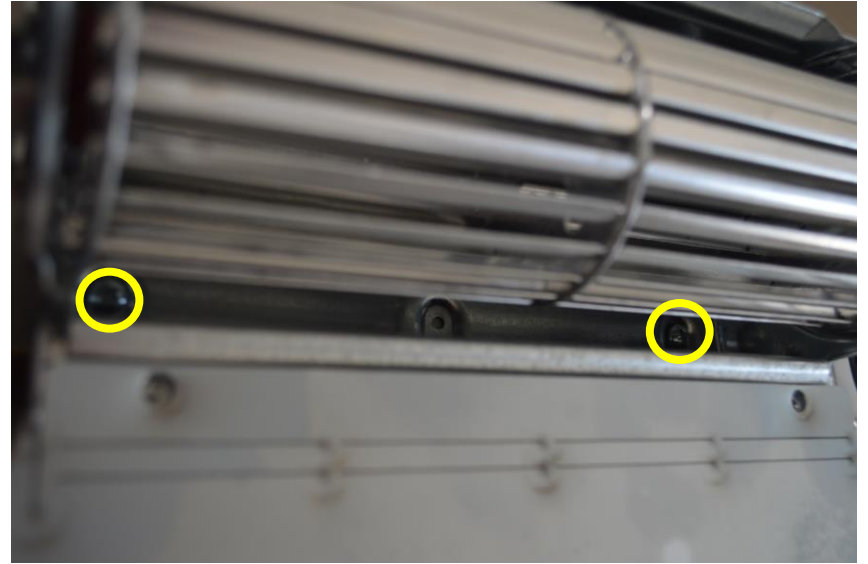
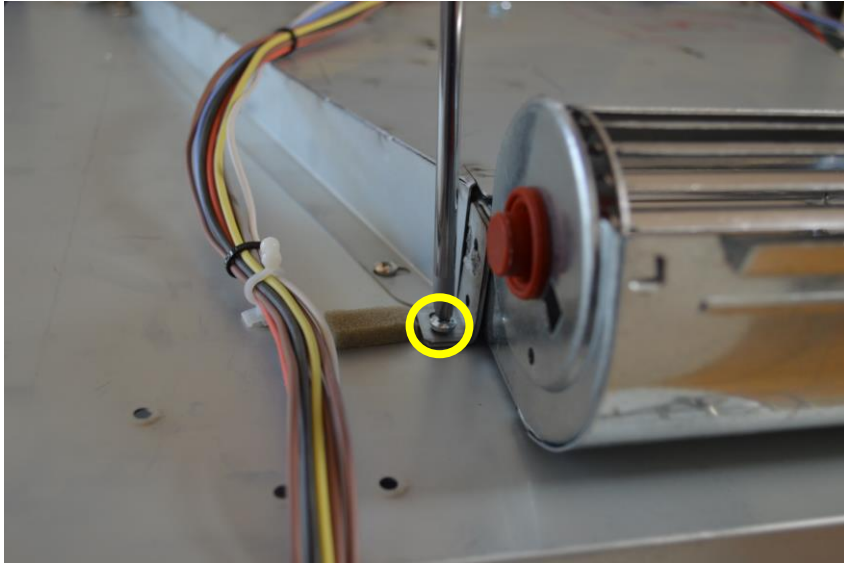


Cooling fan / Ventola  
raffreddamento



Disconnect electrical connection and unscrew the  
fixing screws/ scollegare collegamento elettrico e  
togliere le viti di fissaggio

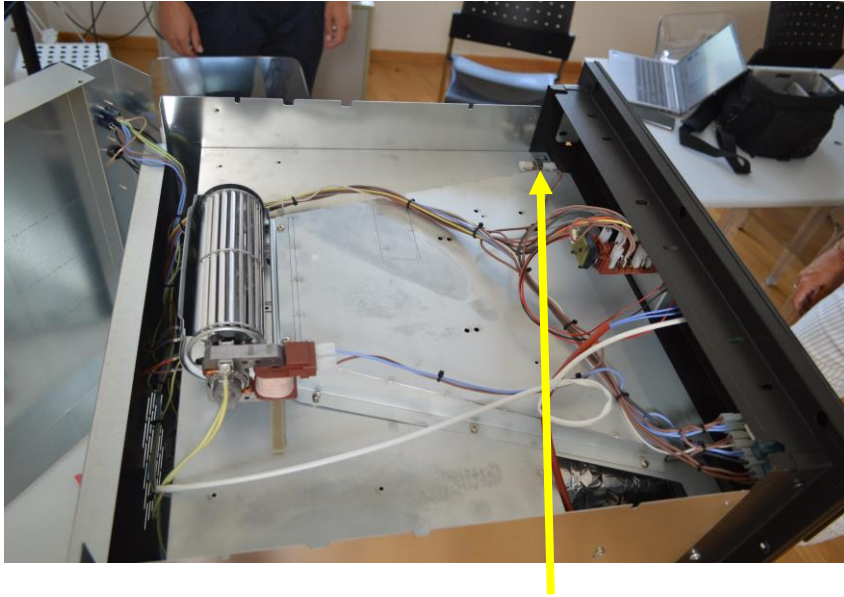
## HOW TO REMOVE COOLING FAN / COME RIMUOVERE VENTOLA DI RAFFREDDAMENTO



Unscrew the fixing screws / togliere le viti di fissaggio



## HOW TO REMOVE TANGENTIAL THERMOSTAT/ COME RIMUOVERE TERMOSTATO TANGENZIALE



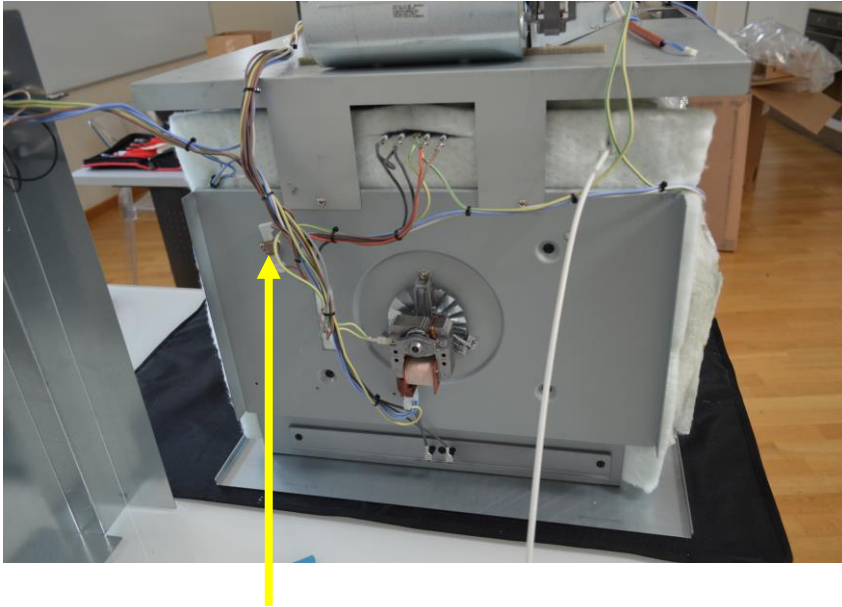
Tangential thermostat /  
Termostato tangenziale



Disconnect electrical connection and lift-up retaining  
spring / togliere il collegamento elettrico e sganciare la  
molla di fissaggio



## HOW TO REMOVE SAFETY THERMOSTAT/ COME RIMUOVERE TERMOSTATO DI SICUREZZA

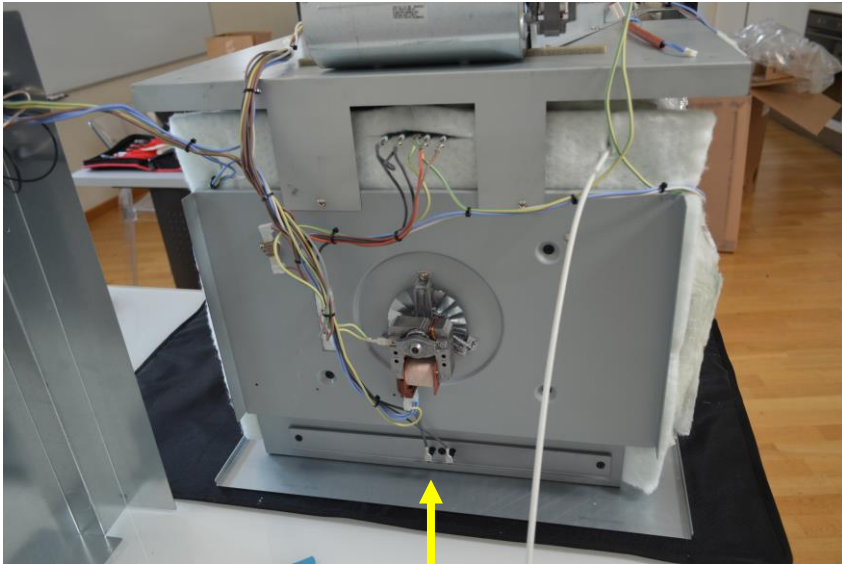


Security thermostat/  
Termostato di sicurezza

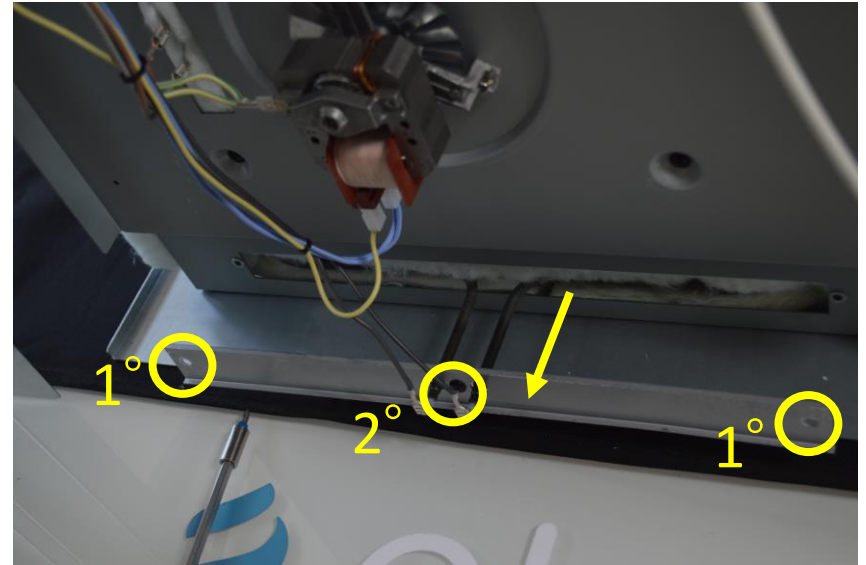


Disconnect electrical connection and lift-up retaining  
spring / togliere il collegamento elettrico e sganciare la  
molla di fissaggio

## HOW TO REMOVE BOTTOM HEATING ELEMENT / COME RIMUOVERE RESISTENZA INFERIORE

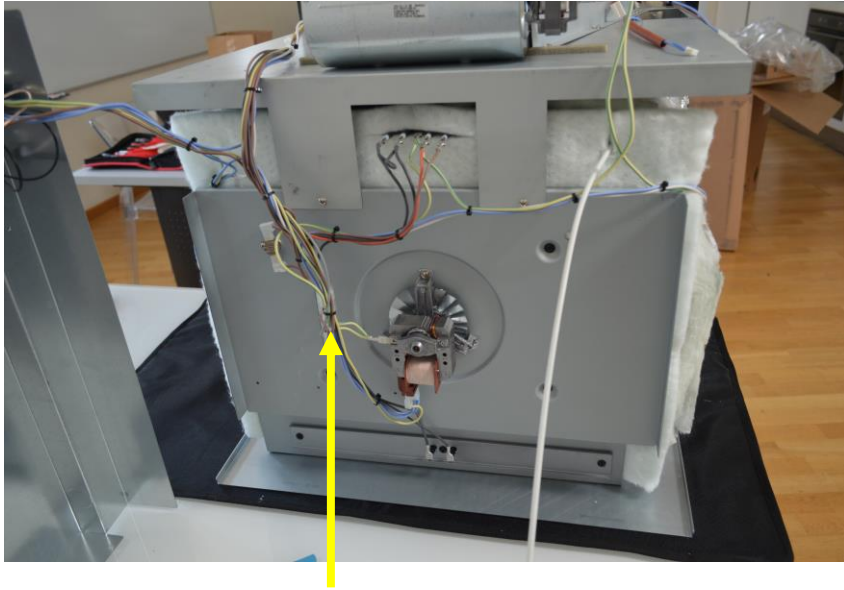


Bottom heating element/  
Resistenza inferiore

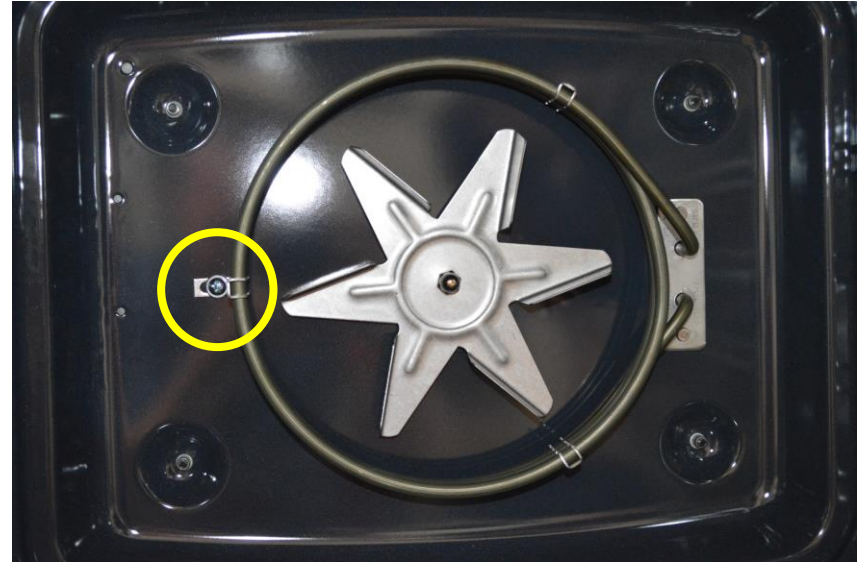


Remove the fixing screws 1° , disconnect electrical connection and pull out the bottom heating element than remove fixing screw 2° / Togliere le viti di fissaggio 1° staccare collegamenti elettrici e estrarre la resistenza inferiore poi rimuovere la vite 2°

## HOW TO REMOVE CIRCULAR HEATING ELEMENT / COME RIMUOVERE RESISTENZA CIRCOLARE

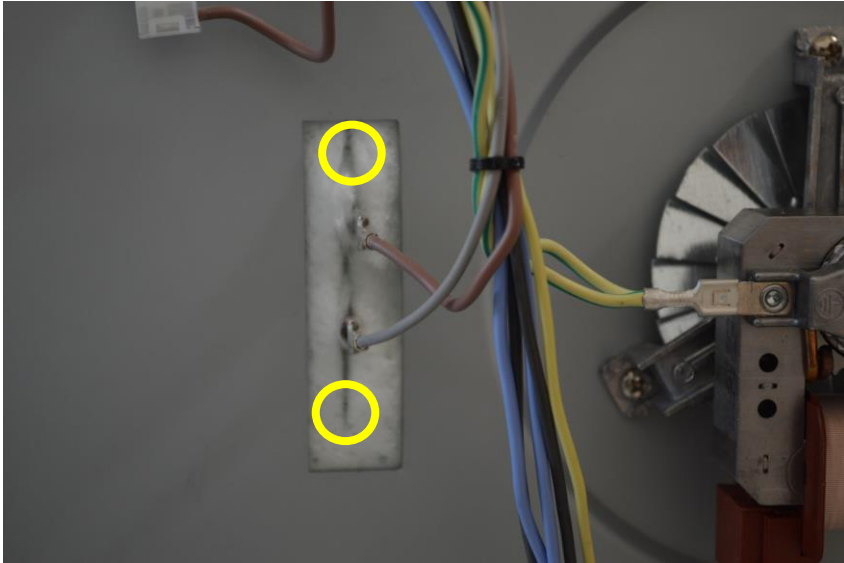


Circular heating element/  
Resistenza circolare



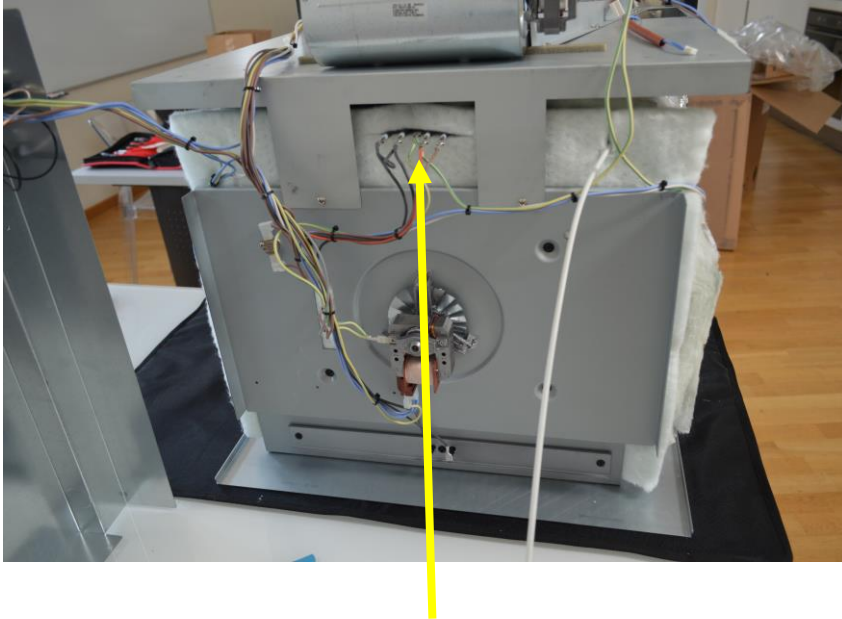
Unscrew the fixing screws of circular heating  
element / svitare le viti di fissaggio resistenza

## HOW TO REMOVE CIRCULAR HEATING ELEMENT / COME RIMUOVERE RESISTENZA CIRCOLARE

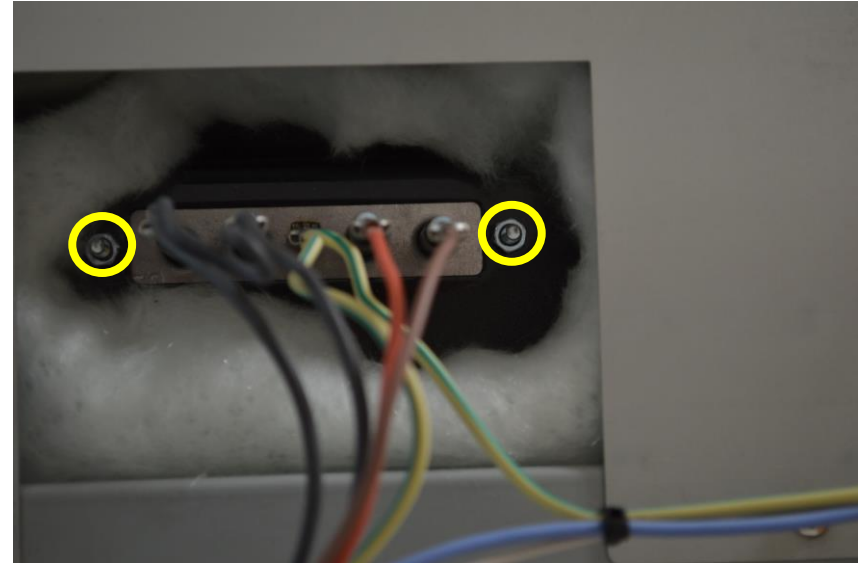


Remove electrical connection, unscrew the fixing screws of circular heating element and it pull out from the oven cavity / Togliere collegamento elettrico, svitare le viti di fissaggio resistenza ed estrarla dalla cavità del forno

## HOW TO REMOVE UPPER HEATING ELEMENT / COME RIMUOVERE RESISTENZA SUPERIORE



Upper heating element/  
Resistenza superiore



Remove electrical connection, unscrew the fixing screws of upper heating element / Togliere collegamento elettrico, svitare le viti di fissaggio resistenza

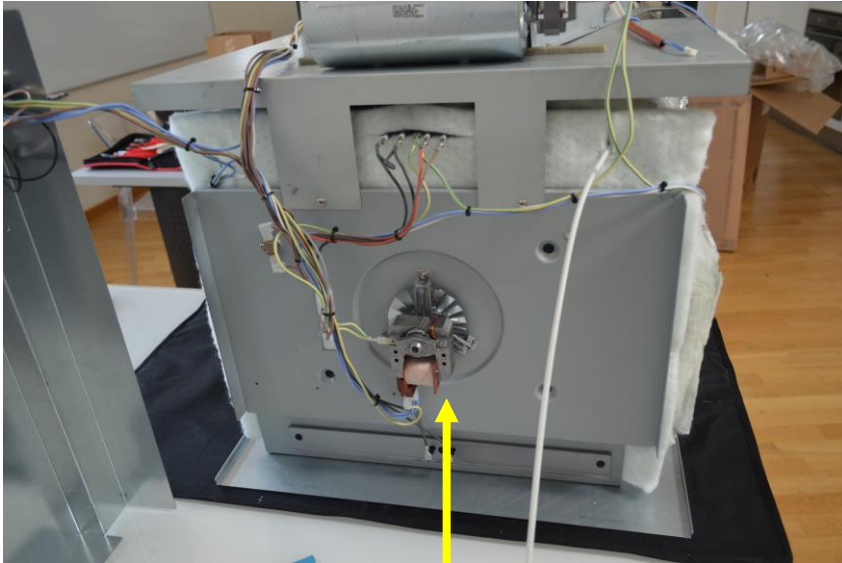


## HOW TO REMOVE UPPER HEATING ELEMENT / COME RIMUOVERE RESISTENZA SUPERIORE



Unscrew the fixing screws of upper heating element and it pull out from the oven cavity / Svitare le viti di fissaggio resistenza ed estrarla dalla cavità del forno

## HOW TO REMOVE OVEN FAN / COME RIMUOVERE VENTILATORE FORNO

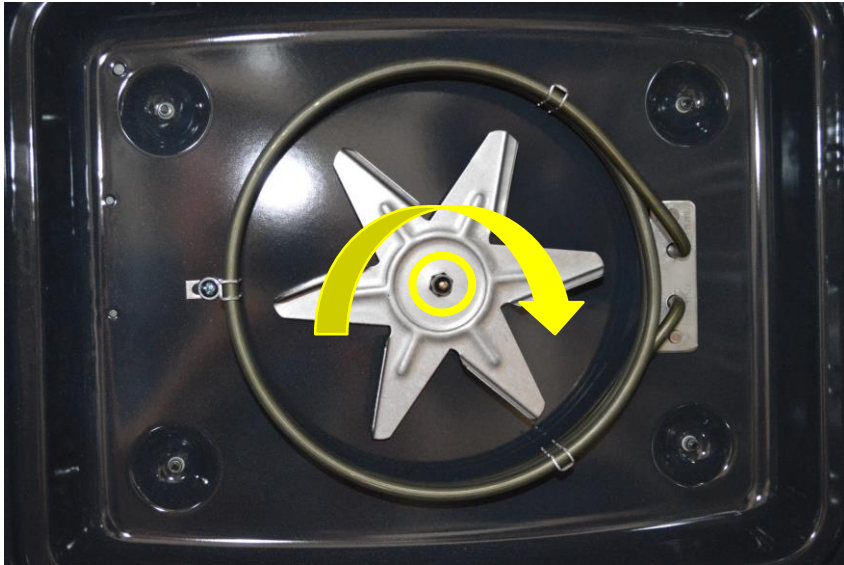


Oven fan/  
Ventilatore forno

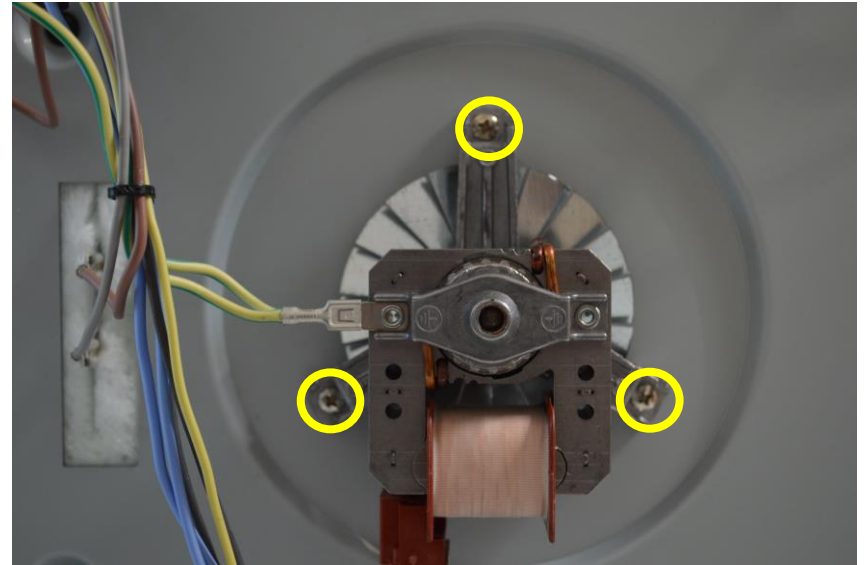


Remove the fixing screws of oven fan protection /  
Togliere le viti di fissaggio protezione ventilatore forno

## HOW TO REMOVE OVEN FAN / COME RIMUOVERE VENTILATORE FORNO

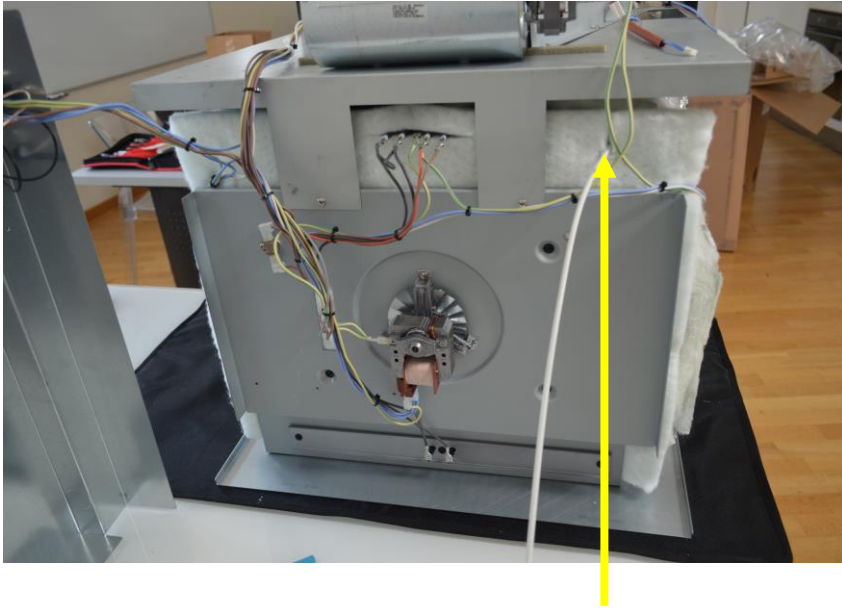


Remove the fixing screws of fan wheel in clockwise direction / Togliere le viti di fissaggio ventilatore in senso orario



Remove electrical connection, unscrew the fixing screws and pull out the motor/ Togliere collegamento elettrico, svitare le viti di fissaggio ed estrarre il motore

## HOW TO REMOVE TEMPERATUR SENSOR / COME RIMUOVERE SONDA DI TEMPERATURA

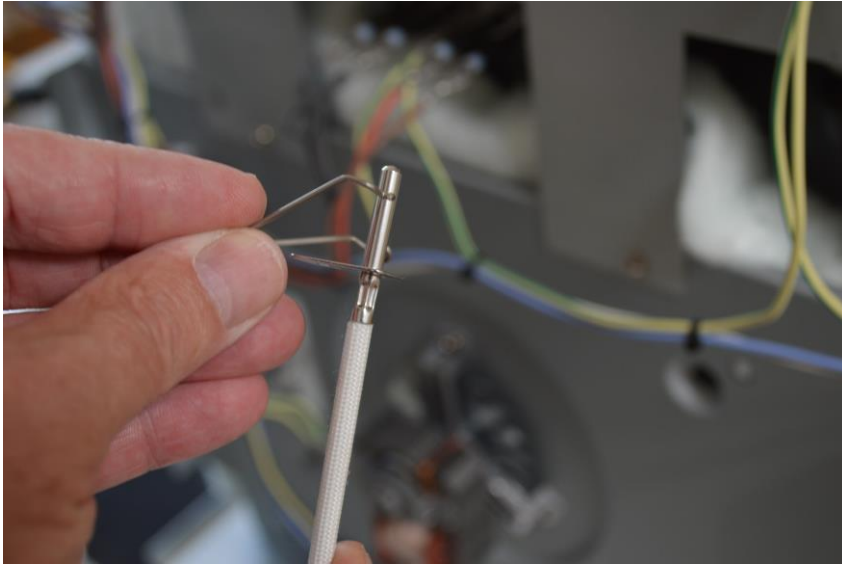


Temperature sensor /  
Sonda di temperatura



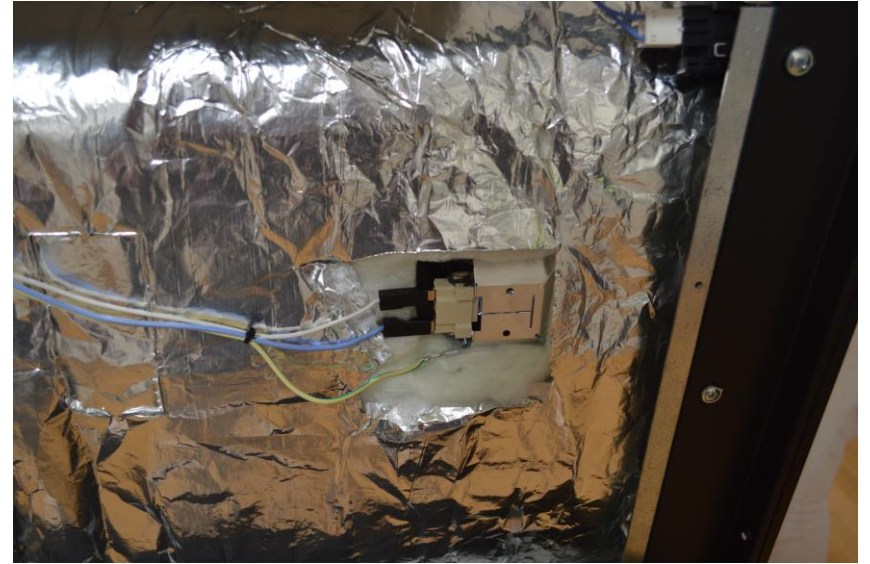
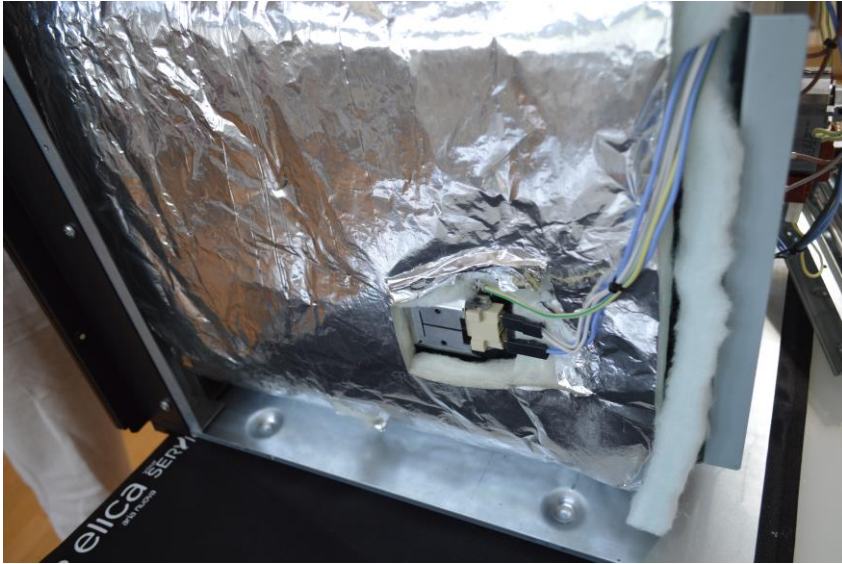
Disconnect electrical connection and remove  
retaining spring / togliere il collegamento elettrico e  
sganciare la molla di fissaggio

## HOW TO REMOVE TEMPERATUR SENSOR / COME RIMUOVERE SONDA DI TEMPERATURA





## HOW TO REPLACE ILLUMINATION / COME SOSTITUIRE LA LAMPADA



Left and right oven illumination / Illuminazione forno sinistra e destra

## HOW TO REPLACE ILLUMINATION / COME SOSTITUIRE LA LAMPADA



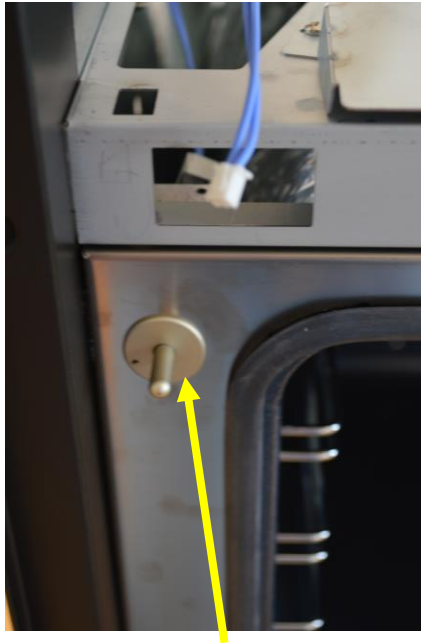
Remove with a flathead screwdriver the glass lamp cover / togliere un cacciavite piatta il vetro di protezione

## HOW TO REPLACE ILLUMINATION / COME SOSTITUIRE LA LAMPADA

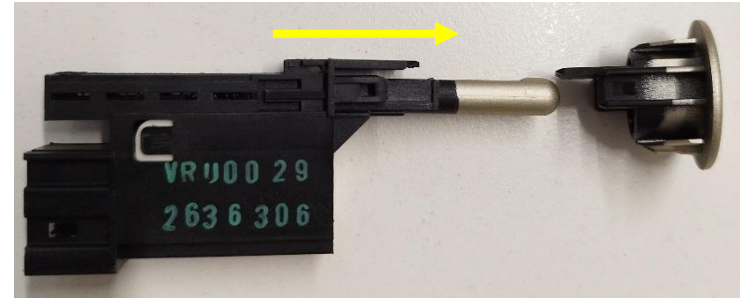
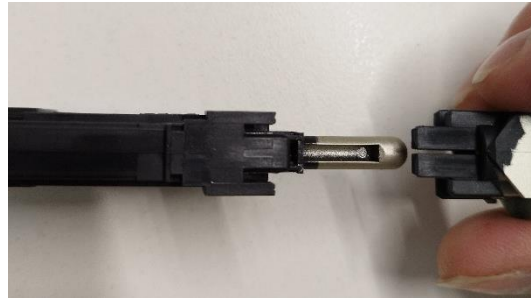


Remove with the bulb with an equivalent type 230V 40W halogen G9 / sostituire la lampadina con una equivalente del tipo 230V 40W alogena G9

## HOW TO REMOVE DOOR MICROSWITCH / COME RIMUOVERE MICROINTERRUPTORE PORTA

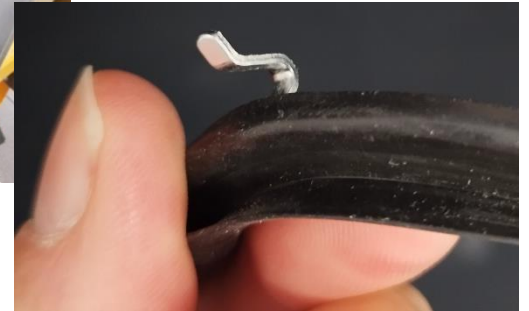
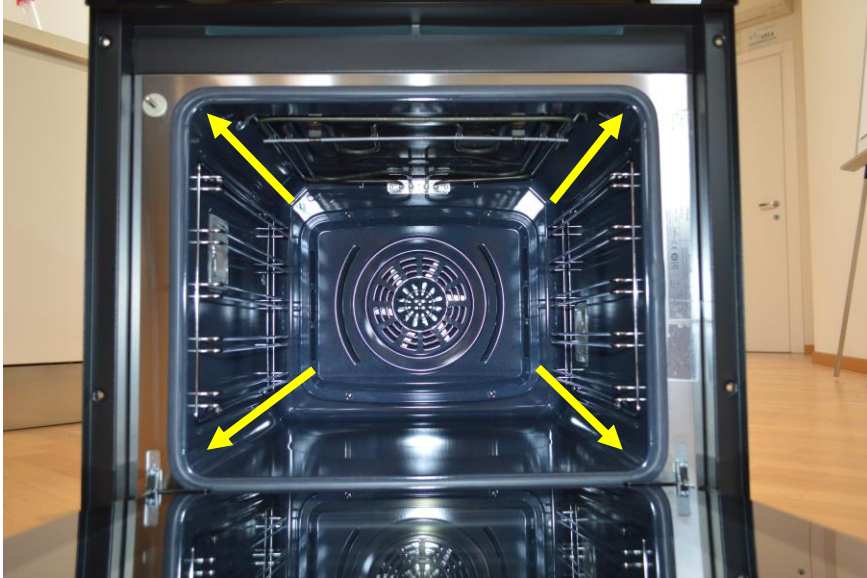


Door microswitch /  
Microinterruttore porta



Disconnect electrical connection and break the microswitch. When reassembling fit the bushing in the frame and assemble the microswitch / togliere il collegamento elettrico e rompere il micro interruttore. In fase d'assemblaggio inserire la boccola del telaio e montare il microinterruttore.

## HOW TO REPLACE DOOR GASKET / COME SOSTITUIRE LA GUARNIZIONE PORTA



Release the gasket retaining hooks located in the corners of the muffle / sganciare i ganci di fissaggio della guarnizione posizionati agli angoli della muffola



An aerial view of a city skyline, likely New York City, with a prominent geometric overlay of semi-transparent triangles in shades of red and blue. The Elica logo, consisting of a stylized 'e' symbol and the word 'elica', is centered in white.

 elica

MetLife

WORLDWIDE