



SERVICE MANUAL RATIO 874 SLIM

SM2300026

SERVICE MANUAL RATIO 874 SLIM

Product presentation / presentazione prodotto

RATIO 874 PLUS

PRF018391



220 x 184 3.7 kW	220 x 184 3.7 kW	220 x 184 3.7 kW	220 x 184 3.7 kW
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Specs

DIMENSION (mm)	87 x 36
CUT (mm)	84 x 33,5
POWER CORD / PLUG	-
USER INTERFACE	Direct Slider red
COOKING ZONES	4
POWER LIMITATION	4.5 kW / Max
BOOSTER	Booster
BRIDGE ZONES	2 bridge
KEY LOCK/ CHILD LOCK	Child Lock
TIMER	Timer / <u>Egg</u> Timer
AUTOMATIC FUNCTIONS	Melting, Warming, <u>Simmering</u>
POWER FLOW	Power Flow
STOP & GO	Stop & GO
RECALL	Pause & Recall

Plus



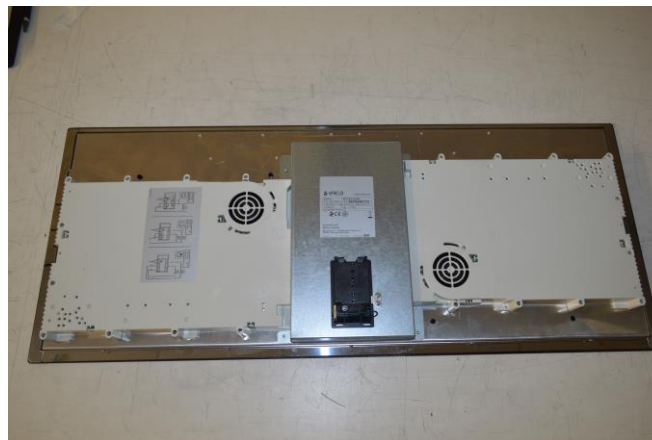
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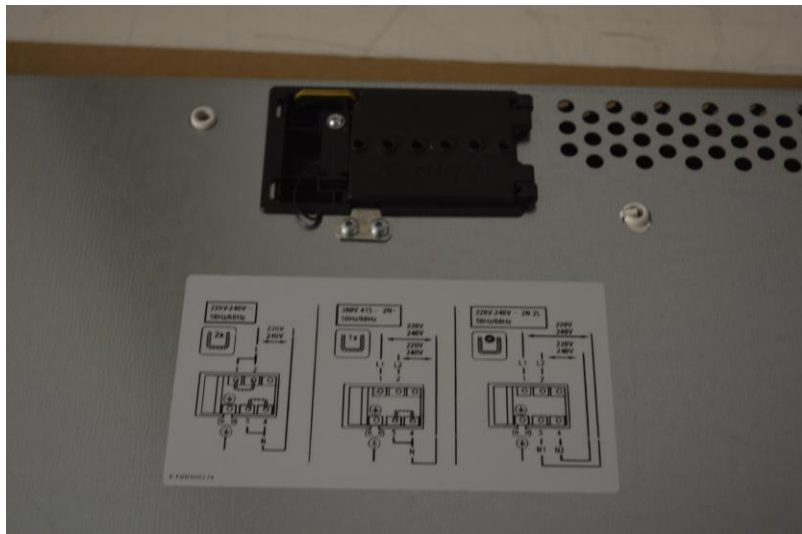
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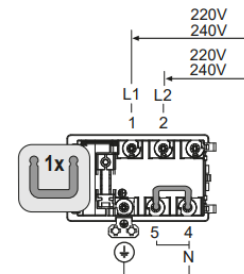
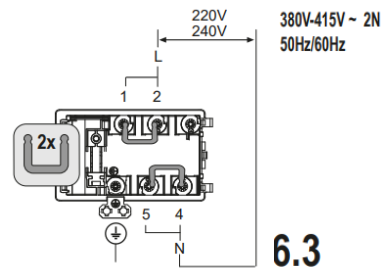


220V-240V ~
50Hz/60Hz

.2

220V-240V ~ 2N 2L
50Hz/60Hz

6.4



Power supply connection box / Scatola collegamento elettrico

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Service tool / strumenti per riparazione



Torx 10

Torx 20

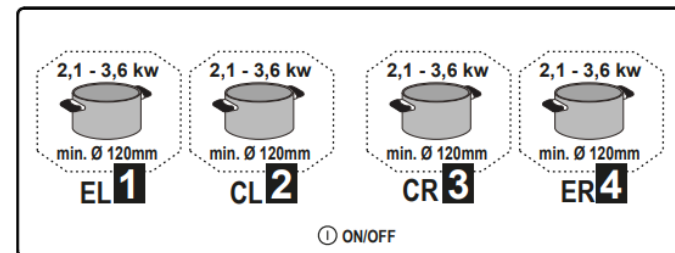
HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA



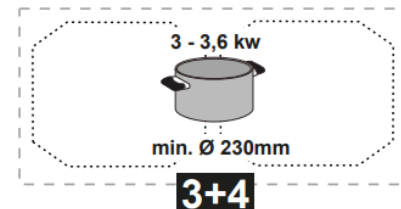
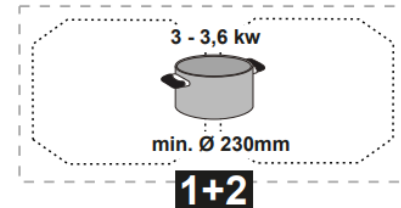
Remove the perimetrical screws to induction module and user interface, lift up der glass cover / rimuovere le viti perimetrali per accedere modulo d'induzione e comandi, sollevare il pannello vetro

SERVICE MANUAL RATIO 874 SLIM

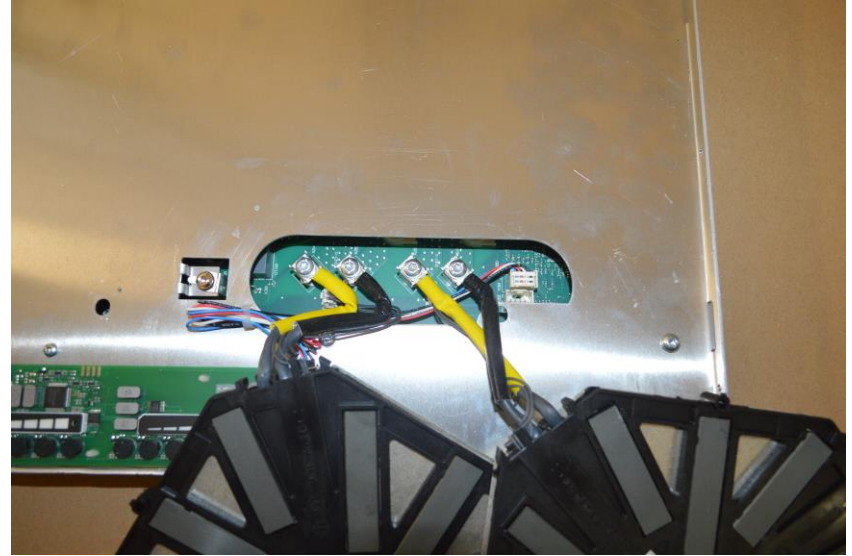
HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA



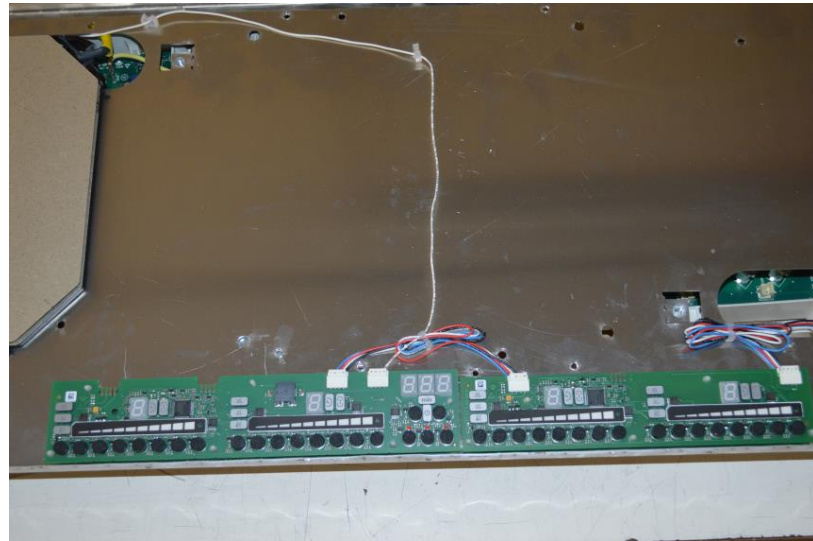
FRONT



HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA

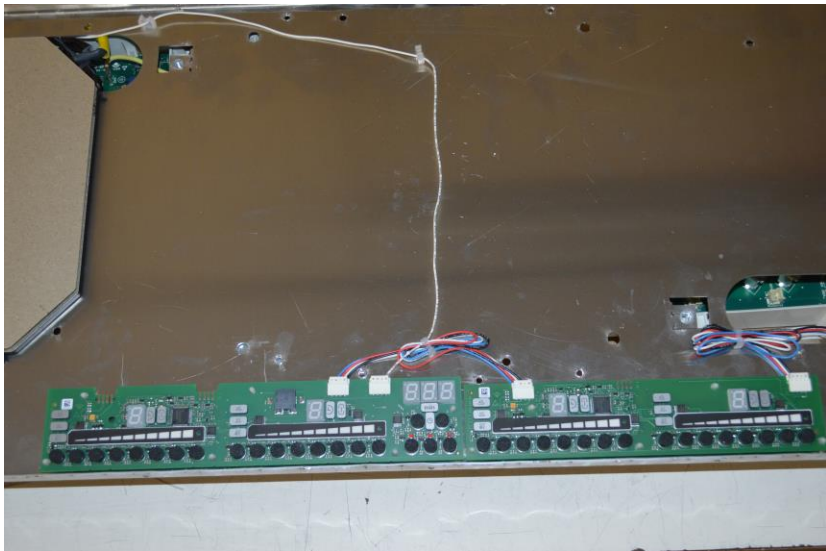


HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA



Lift-up the induction coils, disconnect the user interface unscrew the induction coils / Solleva il bobine, disconnettere il cablaggio comandi e delle bobine

HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA



Unscrew the induction module / togliere le viti
fissaggio modulo



Slave Module

Master Module

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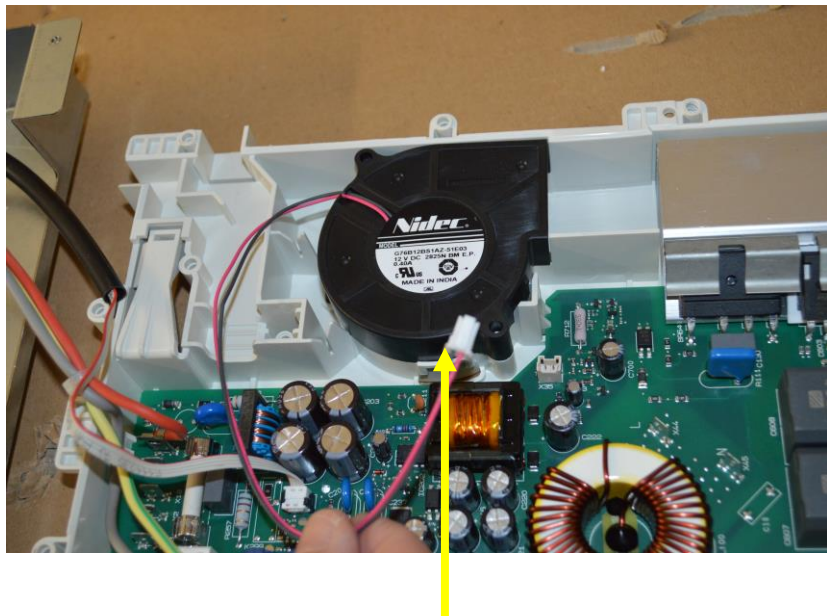


Slave Module



Master Module

HOW TO REMOVE ELECTRONIC DEVICE / COME RIMUOVERE L'ELETTRONICA



Cooling fan / ventola di raffreddamento

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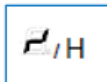


Before assembling the glass panel check that all components and wires are placed correctly / prima di assemblare il vetro controllare che tutti i componenti e cablaggi sono posizionati correttamente

ERRORS LIST/LISTA ERRORI

Error code	Description	Possible cause of error	Remedy
Er 03 and continuous tone or 	continuous sensor activation; TC turn off after 10 sec	Water or cookware on the glass over the touch control sensors	Clean the control surface, remove objects on the sensors
Er 20	Flash memory – TC error	µC- defective	Replace TC
Er 22	Button evaluation defective, UI shuts off after 3.5-7.5 sec	Short or open circuit in the area of the button sensoric	Replace TC
Er 31	Incorrect configuration data or deviation between generator and TC	New configuration of the induction generator required	New configuration (Service menu)
Er 36	NTC value defective on TC; UI turns off	Short or open circuit of NTC	Replace TC
Er 47	Communication error between TC and induction	No or erroneous LIN communication! (Slave does not answer to request of master)	Connection cable not correctly plugged in or defective.
U 400	Continuous tone Power supply on inlet to high	Incorrect connection of the cooktop	Correct power supply connection
E / 2	Excess temperature of the induction element	Overload of cooktop or empty boiled cookware	Let system cool down.
E / A	Error on the power board	Component failure	Replace power board
E / 6	Error on power board or supply element	No power supply of the power element or error on power board	1. check wiring 2. check filter board 3. replace power board
E / 8	Incorrect fan speed	Error on fan left or right	Air exhaust blocked, e.g. by paper Replace defective fan
E / 9	Defective temperature sensor on inductor		Replace inductor Replace power board

ERRORS LIST/LISTA ERRORI

General Touch control errors		
Error code	Description	Remedy
 H	Permanent use of keys; TC switches off after a certain period.	Water or cooking utensils on the glass; Clean the surface.
ER20	Internal error in touch control	Replace touch control
ER21	Over temperature	Let cooktop cool down Check heat partitioning for TC
ER22	Internal error in touch control	Replace touch control
ER31	Variant detection error	Replace touch control
ER36	Internal error in touch control	Replace touch control
ER40	Power supply voltage too low on secondary side	Check connected components for overload Replace touch control
ER47	LIN communication error	Check LIN cabling Check connected LIN slaves
EA	Communication error	Check cabling between touch control and power board Replace touch control Replace power board
U400	Overvoltage due to wrong connection	Turn off power supply voltage and connect cooktop properly

ERRORS LIST/LISTA ERRORI

Cooking zone specific errors (Induction)		
Error code	Description	Remedy
E2	Over temperature of cooking zone	Allow cooking zone to cool down
E3	Inapplicable pot	Use suitable pot
E4	Cooking zone does not exist, configuration data is incompatible	Replace touch control
E5, E6	Error on filter board/generator	Replace filter board / generator
E7	Unknown failure (master is not able to assign the failure code)	Contact E.G.O. technical support
E8	Fan defective	Replace fan
E9	Temperature sensor defective	Replace temperature sensor

Cooking zone specific errors (radiant heating elements)		
Error code	Description	Remedy
E2	Over temperature of power board	Allow cooking zone to cool down
E4	Internal error on power board	Replace power board
E5, E8, EA	Relay error on power board	Replace power board

