



PRODUCT GUIDE & USER MANUAL

RT-2075-110 & RT-2075-220
RapidHeat™ Oven



TABLE OF CONTENTS

INTRODUCTION.....	3
INSTRUCTIONS FOR THE INSTALLER	4
WARNING.....	4
PRELIMINARY OPERATIONS	5
CHECK COMPONENTS.....	5
INSTALLATION AREA.....	6
PREPARING FOR INSTALLATION	7
ELECTRICAL CONNECTION	8
SPECIFICATIONS	10
EC-CONFORMITY DECLARATION	14
INSTRUCTIONS FOR THE USER.....	15
WARNING.....	15
WARNING SYMBOLS AND DESCRIPTIONS	15
USING THE OVEN FOR THE FIRST TIME	16
MAINTENANCE.....	17
CLEANING: GENERAL RULES	17
CLEANING OF HEATING CHAMBER	17
EXTERNAL CLEANING	17
REPLACING LIGHT LAMPS.....	18
FUSE REPLACEMENT ON RAPIDHEAT OVEN WITHOUT REAR POWER SWITCH	18
FUSE REPLACEMENT ON RAPIDHEAT OVEN WITH REAR POWER SWITCH.....	20
TROUBLESHOOTING.....	22
SPARE PARTS.....	22
DIGITAL OVEN CONTROL PANEL	23
OPERATING INSTRUCTIONS.....	24
INSTRUCTIONS FOR OVEN USE.....	24
PROGRAMMING THE OVEN	26
PARTS LIST	29
RT-2075-110	29
RT-2075-220	30

INTRODUCTION

This Product Guide and User manual contains information for the installation, use, and maintenance of this oven. The objective of this manual is to enable the technician and user to take all measures and precautions necessary for the safe, efficient, and long-term use of the RapidHeat™ oven.

Keep this manual in a safe place for the entire life cycle of the product as a reference for the designated operators and specialized technicians.

If this manual is lost or damaged, a replacement manual must be requested directly from the CQMedical.

CQMedical is not liable for any damage caused by inappropriate use of the oven, modifications, or repairs carried out by unauthorized personnel or used with spare parts not recommended by CQMedical and not intended for use with this model.

This oven complies with the EEC directives in force.

INSTRUCTIONS FOR THE INSTALLER

WARNING

READ THIS PRODUCT GUIDE AND USER MANUAL CAREFULLY BEFORE BEGINNING INSTALLATION AND START-UP OPERATIONS.

ALL INSTALLATION, ASSEMBLY, ASSISTANCE, AND MAINTENANCE MUST BE CONDUCTED BY QUALIFIED PERSONNEL IN ACCORDANCE WITH LOCAL LAWS ENFORCING PRODUCT AND WORKPLACE SAFETY.

INCORRECT INSTALLATION, ASSISTANCE, MAINTENANCE, CLEANING, TAMPERING, OR MODIFICATIONS CAN CAUSE MALFUNCTION, DAMAGE, AND BREAKAGE.

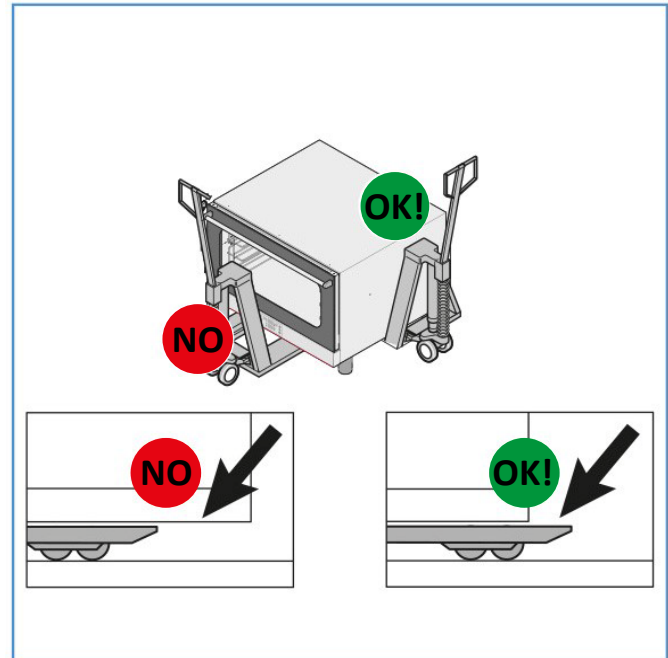
THE OVEN MUST BE USED FOR HEATING THERMOPLASTIC MATERIAL ONLY. ANY USE OTHER THAN HEATING THERMOPLASTIC MATERIAL IS FORBIDDEN AND POTENTIALLY DANGEROUS. REFER TO THE INSTRUCTIONS FOR USE MANUAL FOR THE APPLICABLE THERMOPLASTIC MATERIAL.

INSTRUCTIONS FOR THE INSTALLER

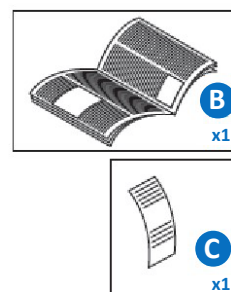
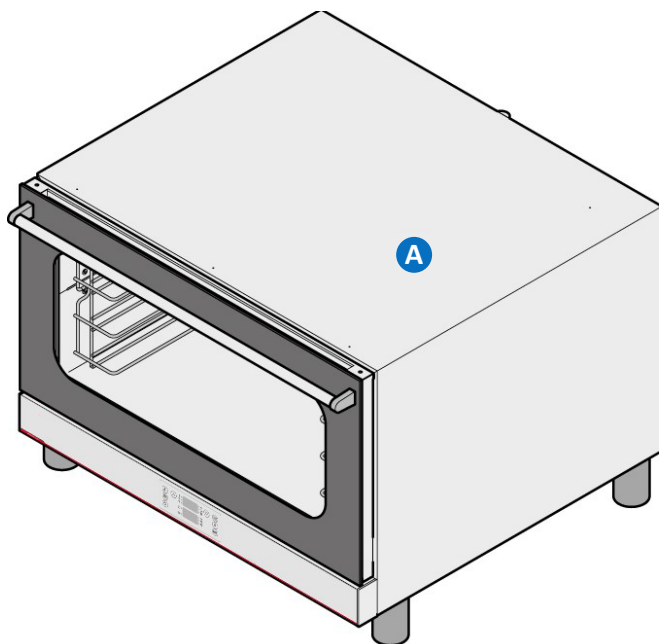
PRELIMINARY OPERATIONS

Upon receipt of the product, inspect the packaging and the oven to verify no tampering or damage has occurred. Inform the carrier and CQMedical immediately of any damaged or missing parts. Indicate the **product code “Ref”** and **serial number “Ser. No.”** and attach a photo. The Product Code and Serial Number can be found on the information plate on the back of the oven.

! WARNING ! THE OVEN MAY SHIFT POSITION DURING TRANSPORT AND MAY CAUSE DAMAGE TO THE OVEN OR MAY CAUSE BODILY INJURY. USE SUITABLE TRANSPORT CAPABLE OF SUPPORTING THE WEIGHT OF THE OVEN. DO NOT DRAG, LEAN, TILT, OR FLIP THE OVEN. LIFT OVEN UP STRAIGHT FROM THE GROUND AND PLACE INTO A HORIZONTAL POSITION.



CHECK COMPONENTS



- A** OVEN
- B** INSTALLATION, USE AND MAINTENANCE BOOKLET
- C** TEST RECEIPT

INSTRUCTIONS FOR THE INSTALLER

INSTALLATION AREA

The installation area should be kept clear to ensure doors, corridors, and passageways are accessible.

The oven shall be installed in enclosed and well-ventilated areas (not outdoors).

Before positioning the oven, verify the overall dimensions and the exact positions of the electrical power outlet.

The oven must be placed on a flat surface. Verify that the oven will not slip, fall, or flip over.

The installation area must be able to support the weight of the oven. See the information plate on the back of the oven for the gross weight.

The oven should be positioned to allow for easy access to the back of the oven for maintenance.

The oven should be located near the connections to the power outlet.

To facilitate easy viewing of the thermoplastic during the softening process, it is recommended the inside of the oven be approximately at eye level. A suggested installation height of 160 cm (5.25 feet) is recommended. When positioning the oven on top of cabinets, stainless steel tables, or other ovens, consider the height requirements of the user.

The oven is not meant to be tightly fitted inside an enclosure. A 10 cm (4 inch) gap must surround the oven.

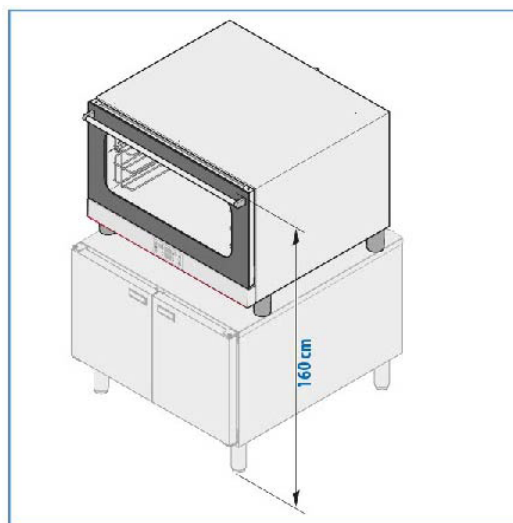
Do not place the oven near heat or other hot liquids.

Do not place the device near materials such as walls, furniture, screens, or containers of flammable liquids such as gas canisters due to fire hazards.

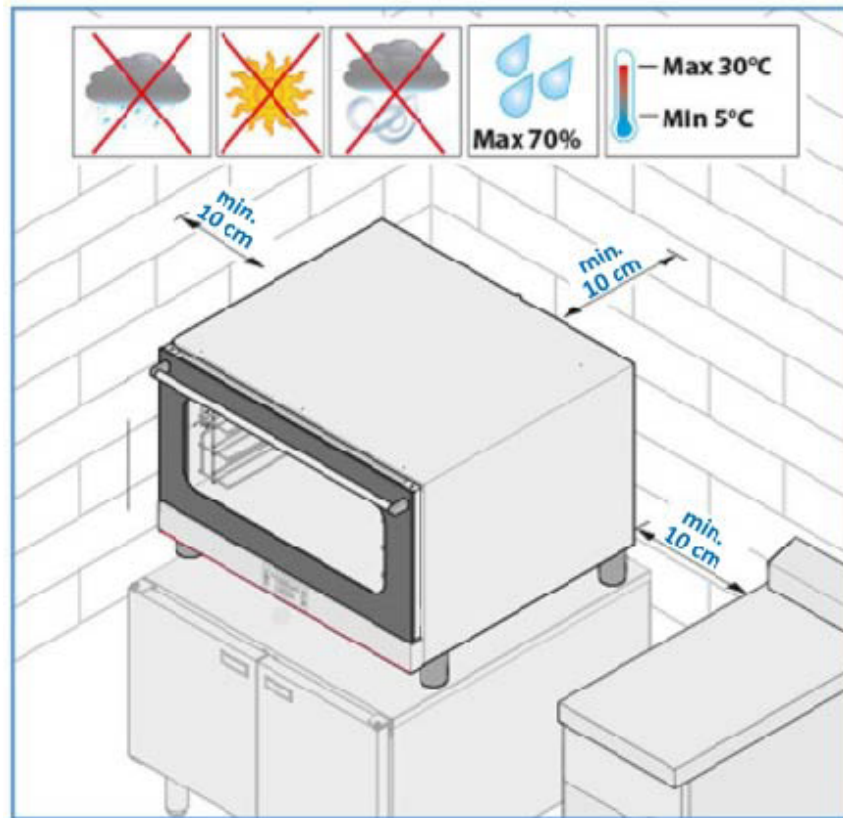
Maintain the following distances from machinery: 50 cm (20 inches) from the oven sides, 50 cm (20 inches) above the top of the oven, and 70 cm (28 inches) from behind the oven.

Verify the door may be fully opened.

The vents and aeration slits should be open and clear of obstructions.



INSTRUCTIONS FOR THE INSTALLER



PREPARING FOR INSTALLATION

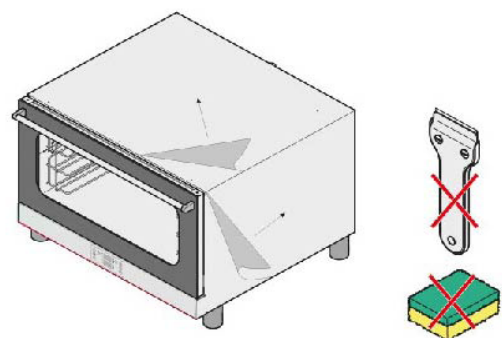
Remove the outer packaging (wooden crate and/or carton box) and dispose of in accordance with local laws.

REMOVING PROTECTIVE FILM

Remove the protective film from the external walls. (See image). **Do not use a sponge, razor, or sharp object to remove the protective film.**

Remove all product documentation from inside the oven

Remove all plastic packaging.



INSTRUCTIONS FOR THE INSTALLER

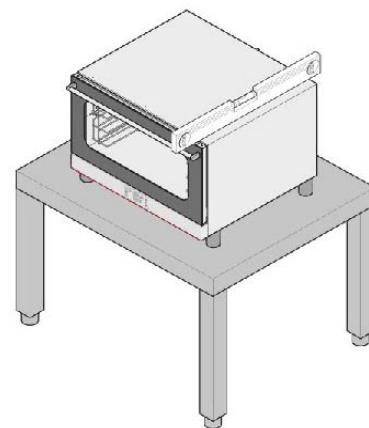
FEET ADJUSTMENT

Screw the adjustable feet to the underside of the oven.

Do not use the oven without its feet.

Do NOT remove the feet. The feet allow airflow to cool the oven, preventing the oven from over-heating and damaging the components.

The oven must be placed on a level, flat surface. Use a leveling tool to verify a horizontal, level position. If needed, the feet can be adjusted individually by screwing or unscrewing them as needed to achieve a horizontal, level balance.



ELECTRICAL CONNECTION

! WARNING ! CONNECTION TO THE POWER OUTLET MUST BE CONDUCTED BY A QUALIFIED AND AUTHORIZED TECHNICIAN ACCORDING TO NATIONAL, INTERNATIONAL AND LOCAL LAWS IN THE COUNTRY WHERE INSTALLED.

BEFORE CONNECTING TO THE POWER OUTLET, ENSURE THAT THE FREQUENCY (HZ) AND VOLTAGE (V) MEET THE REQUIREMENTS INDICATED ON THE INFORMATION PLATE ON THE BACK OF THE OVEN.

! WARNING ! IF THE OVEN DOES NOT COME WITH A TROLLEY TO FACILITATE TRANSPORT, IT IS RECOMMENDED TO CONNECT THE OVEN FIRST TO THE POWER OUTLET AND THEN PLACE THE OVEN INTO POSITION IN THE WORK AREA TO ENSURE THE POWER CABLE IS NOT DAMAGED DURING PLACEMENT. THIS PROCESS ENABLES EASY AND SAFE CONNECTION.

Ovens WITH CABLE AND SINGLE-PHASE PLUGS

Ovens with the 3xAWG12 20A *Hospital Grade* cable and plug: the plug should be inserted into the appropriate power socket. The product must be positioned to ensure the plug is always accessible.

Only the cable can be substituted.

INSTRUCTIONS FOR THE INSTALLER

Verify that there is no static discharge between live and ground. Check the limit switch continuity between the external casing and the ground wire of the power outlet. Use a multi-tester to conduct these operations is recommended.

INSTRUCTIONS FOR THE INSTALLER

SPECIFICATIONS

Distributed by CQMedical

440 Church Road

Avondale, Pennsylvania 19311 USA

+1 712-737-8668 | info@CQMedical.com

Manufactured by PI.DOM S.r.l. unipersonale

Via Belladoro, 25

35010 Cadoneghe (Pd) – ITALY

Tel: +39 0499624228

Fax: -39 0498877433

Products

- 110V: RT-2075-110
- 220V: RT-2075-220

INSTRUCTIONS FOR THE INSTALLER

INFORMATION PLATE

Distributed by:
CQMedical
440 Church Road
Avondale, PA 19311 USA
+1 712-737-8668
info@CQMedical.com



CQ MEDICAL™

Production date
Data produzione

3 / 2024

Serial number SN

***2024A02222**

2024A02222

Model Modello

RT-2075-110

Ref: PF8003D_QF110

IPX3

Weight
Peso

110 lb

Total electric power
Potenza elettrica totale

1700 W



Made in Italy

Power supply
Tensione di alimentazione

110 V~

Phase
Fase

1N~

Frequency
Frequenza

60Hz



RoHS

Manufactured by:
PI.DOM SRL
via Belladoro, 25
35010 Cadoneghe (PD) ITALY
www.pi-dom.com | info@pi-dom.com
NRI: 05529430281

INSTRUCTIONS FOR THE INSTALLER

INFORMATION PLATE (CONT.)

Distributed by:
CQMedical
440 Church Road
Avondale, PA 19311 USA
+1 712-737-8668
info@CQMedical.com



CQ MEDICAL™

Production date
Data produzione

Serial number SN

Model Modello

3 / 2024

***2024A02262**

RT-2075-220

2024A02262

Ref: PF8003D_QF220

IPX3

Weight
Peso

110 lb

Total electric power
Potenza elettrica totale

1700 W



Made in Italy

Power supply
Tensione di alimentazione

Phase
Fase

Frequency
Frequenza

230 V~

1N~

50/60 Hz



RoHS

Manufactured by:
PI.DOM SRL
via Belladoro, 25
35010 Cadoneghe (PD) ITALY
www.pi-dom.com | info@pi-dom.com

NRI: 05529430281

INSTRUCTIONS FOR THE INSTALLER

Ref:	reorder number CQMedical
Art:	model number PI.DOM
Ser. No.	serial number, different for each product
Type:	product model according to its technical properties Date of Manufacture, YYYY
Power consumption:	oven nominal power kW
Power supply:	TERMINAL CONNECTION TYPE: device tension in V, number of phases and neutrals (Single Phase)
Supply frequency:	oven frequency in Hz.

INSTRUCTIONS FOR THE INSTALLER

EC-CONFORMITY DECLARATION

2014/35/UE Low Voltage Directive in accordance with standards:

BS EN 60335-2-42 + A1:2008

Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens

BS EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 + A14:2010

Household and similar electrical appliances. Safety. General requirements

BS EN 62233:2008

Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure

2014/30/UE Electromagnetic Compatibility Directive in accordance with standards:

BS EN 55014-1:2006 + A1:2009

Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission

BS EN 55014-1:1997 + A1:2001 + A2:2008

Electromagnetic Compatibility – Requirements for Household Appliances, Electric Tools and Similar Apparatus – Part 1: Emission – Product Family Standard

IEC 61000-6-3:2006 + A1:2009 + A2:2009

Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments

IEC 61000-4-2:2008

Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test

INSTRUCTIONS FOR THE USER

WARNING

READ THIS PRODUCT GUIDE AND USER MANUAL CAREFULLY. THIS MANUAL PROVIDES INDICATIONS REGARDING SAFETY AND USE OF THE OVEN.

MAINTAIN MANUAL AS A REFERENCE AT ALL TIMES.

INCORRECT INSTALLATION, ASSISTANCE, MAINTENANCE, CLEANING, TAMPERING, OR MODIFICATIONS CAN CAUSE MALFUNCTION, DAMAGE, AND BREAKAGE.

WARNING SYMBOLS AND DESCRIPTIONS

HEATED/HOT SURFACE HAZARD



! WARNING ! WHEN IN OPERATION, THE OVEN WILL BE HOT TO THE TOUCH. USE CARE WHEN OPERATING THE OVEN. TO AVOID POTENTIAL BURNS, AVOID TOUCHING THE EXTERIOR OF THE OVEN DURING OVEN OPERATION. USE HAND PROTECTION TO PREVENT BURNS.

! CAUTION ! MATERIAL HEATED IN THE OVEN MAY BE HOT. USE CARE TO PREVENT BURNS WHEN HANDLING HEATED MATERIAL.

The oven must only be used for heating thermoplastic material. Any use other than heating thermoplastic material is forbidden and potentially dangerous. Refer to the Instructions for Use Manual for the applicable thermoplastic material.

The oven is intended for professional use and should be used by qualified personnel only:

- Do not leave the oven unattended in the presence of children and ensure children do not have access to the oven.
- Do not position sources of heat near the oven.
- Do not position flammable materials or flammable liquids near the oven to avoid risk of fire.
- Use fingers to regulate the digital panel options; other objects may damage the oven and void the warranty.

Damaged glass door components must be replaced immediately (contact CQMedical at +1 712-737-8668 or techsupport@CQMedical.com).

If the oven is not in use for long periods of time (several days), turn off rear power switch, if applicable, and unplug the oven from the power outlet.

CQMedical is not liable for any damage caused by inappropriate use of the oven, modifications, or repairs carried out by unauthorized personnel or used with spare parts not recommended by CQMedical and not intended for use with this model.

This oven complies with EEC directives in force.

INSTRUCTIONS FOR THE USER

USING THE OVEN FOR THE FIRST TIME

Verify installation has been performed correctly per instructions indicated in this manual and per local laws and regulations. Verify all Warnings and Safety Instructions are understood and are carefully followed prior to operating the oven.

Ensure there are no plastic materials, manuals, or plastic film contained inside or outside of the oven. All packaging should have been removed, including the protective film applied on the walls of the oven.

The vents and aeration slits should be open and clear of obstructions.

Verify any parts of the oven dismounted during the installation process have been mounted back into position.

TESTING

Prior to first usage, test the oven by completing a sample heating cycle. The sample heating cycle verifies functional operation and indicates the presence of failures. *The sample heating cycle must include the oven racks in position inside the oven.*

! NOTE ! Check if the RapidHeat Oven has a rear power switch. If so, turn it on.

1. Start the oven by pressing the ON/OFF button.
2. Wait until the Program Indicator (P01) stops flashing.
3. Press the INCREASE button to set the temperature at the highest setting.
4. Press the TIMER button followed by the INCREASE/DECREASE buttons to set the heating time to 15–20 minutes.
5. Press the START/STOP button.
6. Preheating will begin and “PrH” will blink on the display.
7. At the end of the preheat cycle, the oven will display PrH READY.
8. Press START/STOP to clear the PrH READY display.
9. Press START/STOP to activate the timer and begin the count down.

The oven racks are coated with an oil residue during the manufacturing process. During the 15–20-minute test-heating cycle, the residue will “burn off”. Minor smoking may be observed during the “burn off” period.

During the heating cycle, thoroughly verify the conditions listed below:

- Press the LAMP button. The heating chamber light is on. After 60 seconds the heating chamber light shuts off.
- When the oven door is opened, the timer pauses. The timer resumes when the oven door is closed.
- When the oven door is opened, the oven stops heating and the motor and fans stop. When the oven door is shut, the oven, motor, and fans resume operation.
- At the set temperature, the heating temperature thermostat turns off the heating elements.
- The heating chamber fans spin in the same direction.

MAINTENANCE

The user is solely responsible for daily maintenance.

CLEANING: GENERAL RULES

Before cleaning, check and turn off the rear power switch, provided the oven has one. Unplug the power cord from the power outlet and, if hot, allow the oven to completely cool.

! WARNING ! THE OVEN SHOULD NEVER BE CLEANED WITH HIGH PRESSURE WATER SPRAYS.

Appropriate eye, mouth, and hand protection should be used.

The oven should be thoroughly rinsed using a damp cloth. Never leave residue of solvents or detergents in the oven. Possible danger of corrosion may occur if residues are not thoroughly removed.

CLEANING OF HEATING CHAMBER

Regular cleaning will maintain a sanitary heating chamber and will prevent deterioration of the steel components.

Follow your center's cleaning protocols.

Clean the walls of the heating chamber using soap and hot water and rinse well. Regular cleaning of the oven heating chamber lining must be conducted with a non-abrasive detergent. Do not use high pressure water steam lances or steamers for cleaning. Acidic, abrasive, corrosive sand-based or caustic soda based detergents are prohibited.

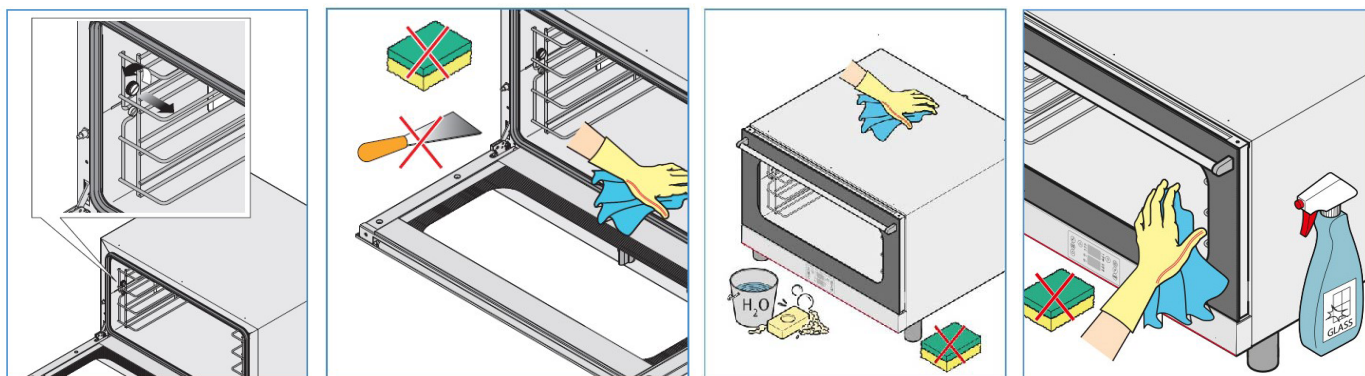
It is strictly prohibited to wash the heating chamber in heating temperatures higher than 70°C (158°F), as it presents a scalding danger.

Use plastic bristles or a sponge soaked in vinegar and warm water to clean dirt crusts.

Only use products recommended by CQMedical.

EXTERNAL CLEANING

Use a damp cloth with warm water or products suitable for cleaning stainless steel. Do not use acidic products or ammonia.

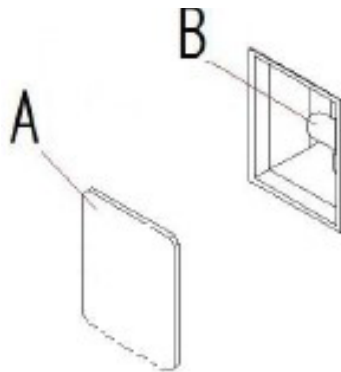


MAINTENANCE

REPLACING LIGHT LAMPS

! WARNING ! STRICTLY ADHERE TO THE FOLLOWING PROCEDURE TO AVOID ELECTROCUTION OR BODILY INJURY:

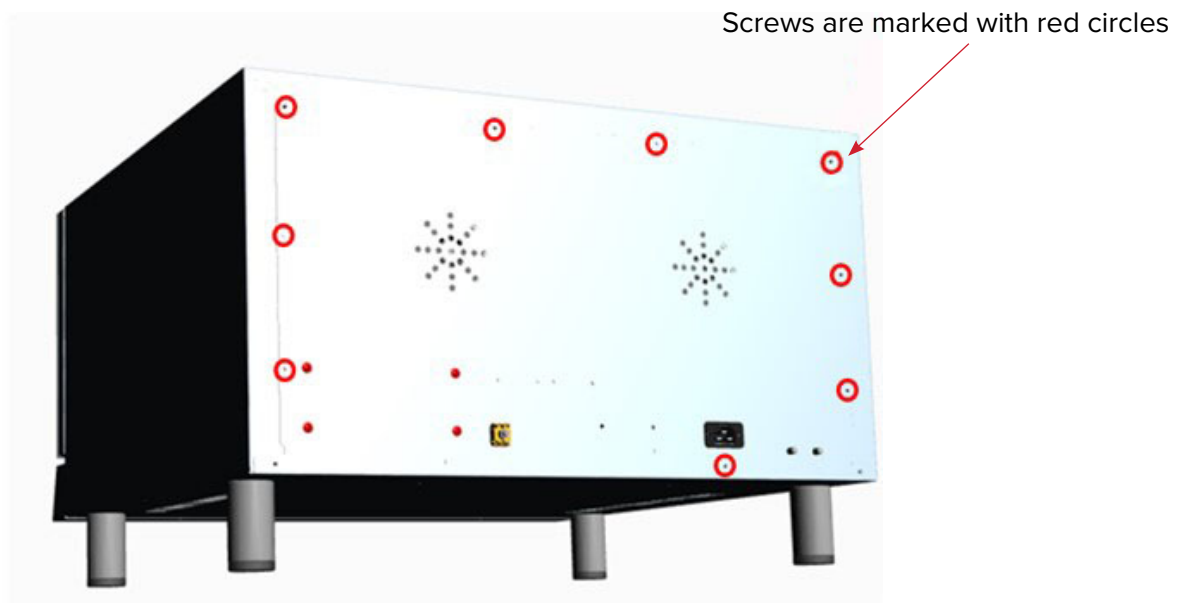
- Check if the oven has a rear power switch, and turn the oven off. Unplug the power cord from the power outlet. Allow the oven to cool completely, if hot.
- Remove the side grids.
- Remove glass “A”, remove the burned out light lamp “B”, replace with a new light lamp and reassemble.



- Reassemble the side grids onto the oven.

FUSE REPLACEMENT ON RAPIDHEAT OVEN WITHOUT REAR POWER SWITCH

1. Unplug the power cord from the power outlet and allow the oven to cool completely, if hot.
2. Remove the screws on the oven back panel shown in the image below.

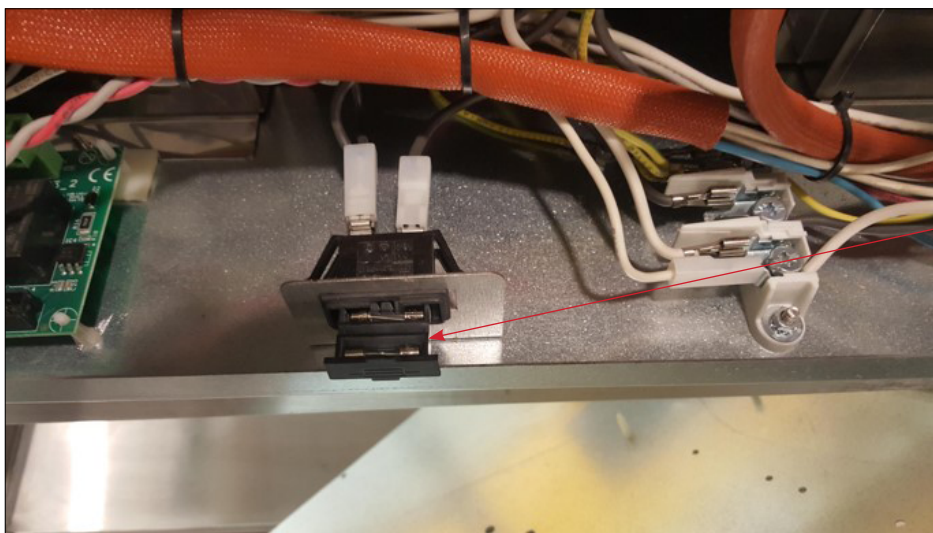


MAINTENANCE

3. Pull panel out.

! NOTE ! Care should be taken not to pull out wires connected to the panel. Allow the panel to rest on a flat surface if possible.

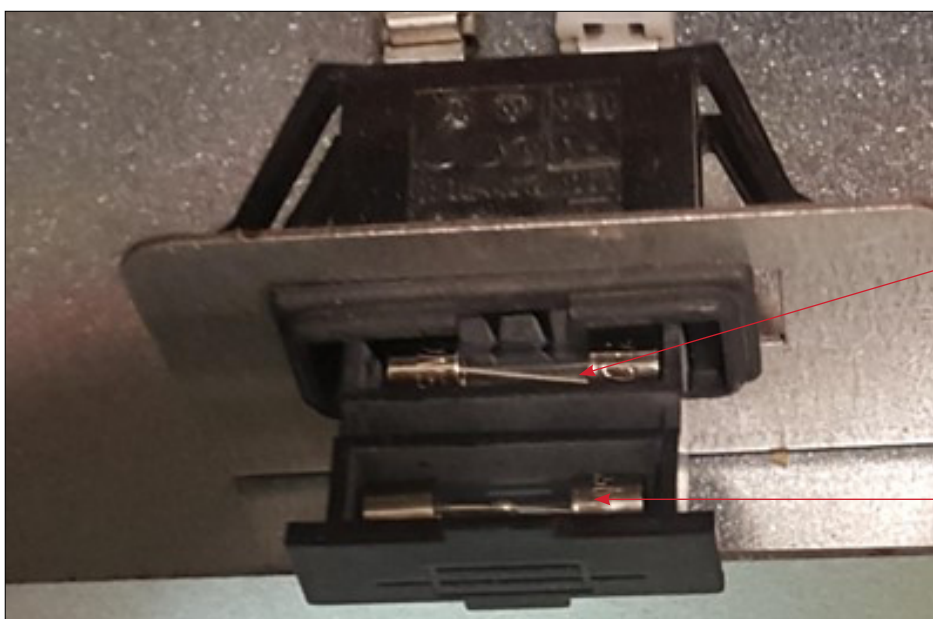
4. Pull out the fuse compartment to display the fuses.



Fuse compartment

5. Remove the inline fuse and replace it with the spare fuse. Discard the inline fuse.

6. Replace back panel, and re-attach screws.



Inline fuse

Spare fuse

MAINTENANCE

FUSE REPLACEMENT ON RAPIDHEAT OVEN WITH REAR POWER SWITCH

1. Turn off the rear power switch and unplug the power cord from the power outlet. Allow the oven to cool completely, if hot.
2. Push, then twist the fuse cap on the back of the oven counterclockwise.



3. Pull the fuse out.



MAINTENANCE

4. Remove the blown fuse from the fuse cap and replace it with one of the same current rating.
5. Insert the fuse/cap back in the oven by aligning the tabs of the fuse with their corresponding notches on the fuse holder of the oven. Push the fuse cap in and twist clockwise.



TROUBLESHOOTING

If the oven is damaged, disconnect it from the power outlet.

FAILURE	CAUSE	SOLUTION
On START the oven doesn't start	Rear power switch is off	Turn on power switch
	The door is open	Check that the door is closed
	Microswitch doesn't indicate closed door	Contact CQMedical. Contact information below.
Oven light OFF	Loose lamp	Correctly fit the lamp into the lamp holder
	Blown lamp	Replace the lamp (see Maintenance section)
Non-uniform heating by the chamber	A fan malfunction	Contact CQMedical. Contact information below.
	Failure of one of the resistors	Contact CQMedical. Contact information below.
The oven is OFF	Rear power switch off	Turn on rear power switch
	Fuse(s) are blown	Replace blown fuse(s)
	Supply voltage failure	Verify power at the power outlet
	Incorrect connection to the power supply	Check connection to the power outlet
	Safety thermostat measure	Contact CQMedical. Contact information below.
The fan stops while the oven is on	Safety thermostat motor	Turn off the oven and wait for the motor's thermal protection to reset itself.
	Motor capacitor failure	Contact CQMedical. Contact information below.
Error message digital ovens: ER1 or ER2	Component malfunction	Contact CQMedical. Contact information below.

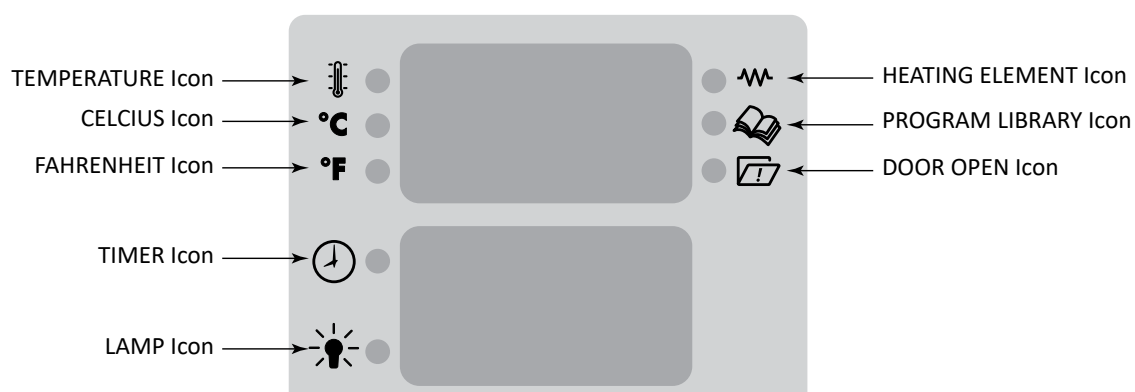
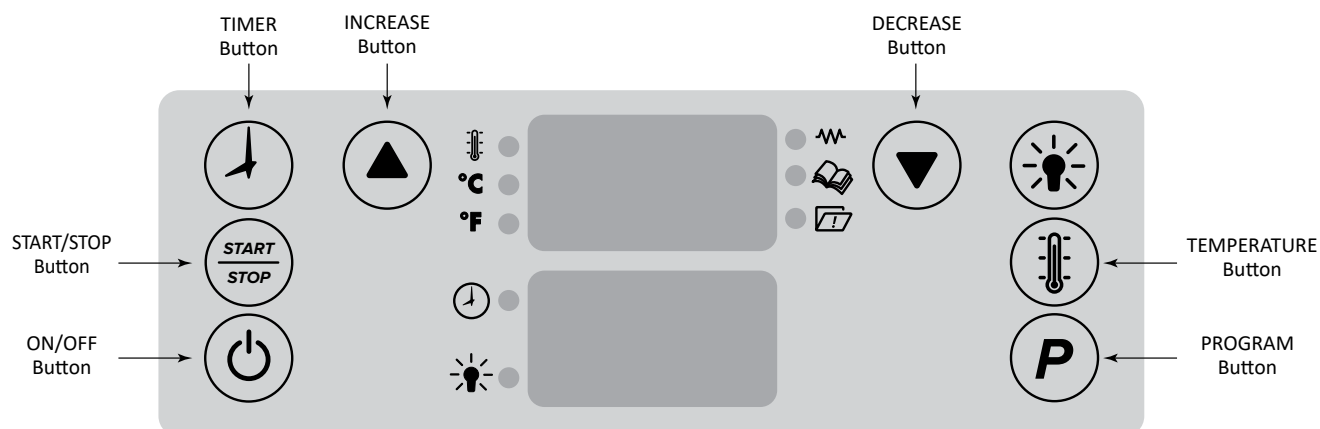
If the problem persists, contact CQMedical at +1 712-737-8668 or techsupport@CQMedical.com. Provide **the product code "Ref" and the oven Serial Number "Ser. No."**. The product code and serial number information is provided on the INFORMATION PLATE on the back of the oven.

SPARE PARTS

Use only authorized parts for product repair. Contact CQMedical at +1 712-737-8668 or techsupport@CQMedical.com for assistance.

TROUBLESHOOTING

DIGITAL OVEN CONTROL PANEL



OPERATING INSTRUCTIONS

INSTRUCTIONS FOR OVEN USE

! NOTE ! Prior to first use of the oven, the oven must complete a Testing Cycle. Refer to **USING THE OVEN FOR THE FIRST TIME** and follow the directions to complete the Testing Cycle.

Inspect the oven and cables prior to each use.

! WARNING ! REFER TO THE APPLICABLE INSTRUCTIONS FOR USE OR PRODUCT GUIDE AND USER MANUAL FOR THE SPECIFIC THERMOPLASTIC MATERIAL IN USE. FOLLOW ALL WARNINGS, PRECAUTIONS AND INSTRUCTIONS FOR USE CONTAINED WITHIN THE THERMOPLASTIC USER MANUAL.

Check if the RapidHeat Oven has a rear power switch. If it does, turn it on. Press the ON/OFF button to power on the oven. Choose either the Manual Mode or Program Mode instructions as indicated below.

MANUAL MODE

When the Program Indicator (P01, P02, etc.) stops flashing, press the INCREASE or DECREASE button to set the desired temperature.

! NOTE ! The light will flash next to the **TEMPERATURE** icon.

Press the **TIMER** button. The light will flash next to the **TIMER** icon. Press the INCREASE or DECREASE button to set desired heating time.

Press **START/STOP** to begin the preheat cycle. The display will flash “PrH” for **PREHEATING**. Jump to “Preheat Cycle” section.

! NOTE ! Before changing the temperature, verify the light next to the **TEMPERATURE** icon is flashing. Before changing the heating time, verify the light next to the **TIMER** icon is flashing.

PROGRAM MODE

Refer to Section VII, **PROGRAMMING THE OVEN**, for instructions for inputting custom programs into the oven memory.

While the Program Indicator (P01, P02, etc.) is flashing, press the INCREASE or DECREASE button until the desired Program is selected.

Press **START/STOP** to begin the preheat cycle.

! NOTE ! The display will indicate the last memorized program by flashing **P01 (Program 1)**, **P02 (Program 2)**, etc. If the display stops flashing before the desired program has been selected, press the “**P**” button and press the INCREASE or DECREASE button until the desired program has been selected.

OPERATING INSTRUCTIONS

PREHEAT CYCLE

At the end of the preheat cycle, the oven will display PrH READY until the door is opened.

SOFTENING CYCLE

Once the oven completes the preheat cycle and reaches the preset temperature, the oven is ready to begin the thermoplastic softening process. Place the thermoplastic mask (or custom thermoplastic) onto the mesh liner. Using the mesh liner as a transfer sheet, insert the thermoplastic mask (or custom thermoplastic) into the oven by placing the mesh liner onto the oven rack.

! NOTE ! Place the bottom edge of the mask frame towards the back of the oven. The bottom edge of the mask should align to the back edge of the oven rack. The head of the mask should align to the front edge of the oven rack in the front of the oven.

Close the door and press START/STOP. The timer will begin counting down.

! NOTE ! During the softening cycle you can observe the actual temperature of the chamber by pressing the TEMPERATURE button once.

If the door is opened during the softening process, the timer will pause. Once the door is closed, the timer will resume. The timer can be adjusted during the softening cycle by pressing the TIMER button followed by the INCREASE or DECREASE buttons until desired time is reached.

During the softening cycle, the temperature set point can be adjusted by pressing the INCREASE or DECREASE buttons until desired temperature set point is reached.

Press the LAMP button to illuminate the oven interior. The light will remain illuminated for 60 seconds.

At the end of the programmed heating duration, the oven will beep three times and then once every 60 seconds until the oven door is opened. After the door is closed, the oven will maintain the selected temperature.

Once preheated, the oven will maintain the selected temperature for 2 hours following the last interaction with the oven.

To soften a new thermoplastic mask (or custom thermoplastic) after the oven is in temperature maintenance mode, open the door, insert the thermoplastic mask (or custom thermoplastic), close the door, and press START/STOP to begin the new heating cycle. Adjust time and temperature as needed. A new preheat cycle will not be required.

OPERATING INSTRUCTIONS

DISPLAY SETTINGS

To customize the display settings, simultaneously press the INCREASE and DECREASE buttons for several seconds.

Press TEMPERATURE button to select the following categories:

- Language (select English, French, German, Spanish, Italian)
- Escape (exit)
- Display (brightness level: 1–7 = low to high)
- Units (select Fahrenheit or Celsius)
- PrH (do not change from factory preset of 1°C)

Press the LAMP button when the display scrolls to the category of choice to change any parameters.

Use the INCREASE and DECREASE buttons to select the desired value.

To save the new values, press the “P” button.

When changes are complete, scroll to ESCAPE and press the “P” button to exit.

PROGRAMMING THE OVEN

SWITCHING PROGRAMS BETWEEN HEATING CYCLES

To switch Programs between heating cycles, the oven must be powered off prior to choosing the new program. For example, once Mask A has completed the softening process using Program 01 (P01) and the oven has returned to heat maintenance mode, the oven must be powered off by pressing the ON/OFF button. Press the ON/OFF button again, to power on the oven. Follow the Program Mode instructions as detailed Section VI, INSTRUCTIONS FOR OVEN USE, to select the newly desired program.

PROGRAMMED HEATING

Ninety-nine (99) programs may be stored in memory.

! NOTE ! The oven must be powered on but not in the midst of a heating/softening cycle to create new or update existing programs.

To program a new thermoplastic material softening process:

Verify the oven is powered on. Press the “P” button and the light next to the PROGRAM LIBRARY icon will illuminate. Existing programs will indicate a RED LED light next to the PROGRAM LIBRARY icon. Free space will indicate a GREEN LED light. Using the INCREASE or DECREASE buttons, scroll through the programs until the green LED light appears. When the program number stops flashing, a new program can be set with customized parameters.

OPERATING INSTRUCTIONS

To set parameters:

1. Temperature

Press the INCREASE/DECREASE button once and the light next to the TEMPERATURE icon will flash. Continue to press the INCREASE/DECREASE buttons until the desired temperature is selected. The temperature can only be selected while the green LED light is flashing next to the TEMPERATURE icon. The temperature range is 60°C–80°C (140°F–176°F).

2. Heating Time

Press the TIMER button. A green LED light will flash next to the TIMER icon. Press the INCREASE/DECREASE buttons to select the heating time. The time can only be selected while the green LED light is flashing next to the TIMER icon. Time is measured in minutes ranging from 0 (“N”) to 97 minutes.

3. Program Memorization:

Press the “P” button for 4 seconds. Memorization is confirmed by a beep and the program number. NEN will appear on the display.

To modify an existing program to become a new program:

Select the desired program to modify by pressing the “P” button once. The light next to the PROGRAM LIBRARY Icon will illuminate. The Program Indicator (e.g. P01) will flash on the display. While the Program Indicator is still flashing, select the desired heating program with the INCREASE/DECREASE buttons. When the Program Indicator stops flashing, the pre-saved values for the selected program will appear on the display.

Follow directions above as indicated in the “To set parameters” section. Once the Temperature and Heating Time have been set to the desired settings, press the “P” button for 4 seconds. Memorization is confirmed by a beep and the program number. NEN will appear on the display.

LAMP button

When the oven door is opened, the lamp turns ON.

When the oven door is closed, the lamp turns OFF

When the LAMP button is pressed, the light will illuminate for 60 seconds.

OPERATING INSTRUCTIONS

OVEN DOOR

When the door is opened, the TIMER is PAUSED. The DOOR OPEN red LED light illuminates. When the door is closed, the OPEN DOOR green LED light illuminates. The lamp is off.

POWER FAILURE

In case of power failure during the heating cycle, the oven enters OFF position.

SIGNALS AND ALARMS

Alarms appear on the display.

A continuous beep warns of an anomaly. The beep can be stopped by pressing START/STOP.

ER1 Chamber probe alarm

- Chamber probe failure
- The oven shuts down, however, the lamp remains on

ER2 Oven safety thermostat alarm

- Heating malfunction of the oven
- Fan motors overheat
- Chamber temperature too high
- The oven shuts down

ER4 Front panel malfunction

- Front panel failure

PARTS LIST

RT-2075-110

Part Number	Description
3002143	Front panel PF8003D CQMedical
3002144	Kit spare part gasket
3002145	Kit spare part led lamp 5w 120v g9
3002146	Kit spare part motor 110-120v 50/60hz 80w ul
3002147	Kit spare part heating element ø186 700w 1GIK3R279 110v
3002148	Kit spare part control board
3002149	Kit spare part chamber temperature probe
3002150	Kit spare part fan
3002151	Kit spare part power board el. 824/524 micr. M023, 110v
3002152	Kit spare part thermostat manual reset TY62R 150c
3002153	Kit spare part door micro switch
3002174	External glass for 110V and 220V ovens
3002413	110V Oven Fuse Time Lag 250 VAC 5x20 mm Glass FST 5 x 20 Series
3002263	110V Oven Power Cord
3002265	Rapid Heat Oven door with old style hinge
3002266	Rapid Heat Oven door with new style hinge
3002515	Cylindrical Fuse Holder for external access rated up to 20A
3002517	15A fuse for 110V oven
3002518	6.3A fuse for 110V oven
3002519	20A Power Cord for 110V oven
3002520	16A bipolar power switch
3002501	Heating element for 110V oven
3002562	Kit Power Contactor, three contacts and aux, 110V

PARTS LIST

RT-2075-220

Part Number	Description
3002143	Front panel PF8003D CQMedical
3002144	Kit spare part gasket
3002154	Kit spare part lamp 5w 230v g9
3002155	Kit spare part motor 200-240v 50/60hz 80w ul
3002156	Kit spare part heating element ø186 700w 1GIK3R279 230v
3002148	Kit spare part control board
3002149	Kit spare part chamber temperature probe
3002150	Kit spare part fan
3002157	Kit spare part power board el. 824/524 micr. M023, 220v
3002152	Kit spare part thermostat manual reset TY62R 150c
3002153	Kit spare part door micro switch
3002174	External glass for 110V and 220V ovens
3002251	220V Oven Fuse–Cylinder Time-Lag 8 A 250 VAC 5x20 mm Ceramic Cartridge
3002264	220V Oven Power Cord
3002265	Rapid Heat Oven door with old style hinge
3002266	Rapid Heat Oven door with new style hinge
3002515	Cylindrical Fuse Holder for external access rated up to 20A
3002520	16A bipolar power switch
3002523	8A fuse for 230V oven
3002524	10A fuse for 230V oven
3002525	3.15A fuse for 230V oven
3002502	Heating element for 220V oven
3002563	Kit Power Contactor, three contacts and aux, 230V
3002564	20A Power Cord for 220V Oven



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