robot A coupe®



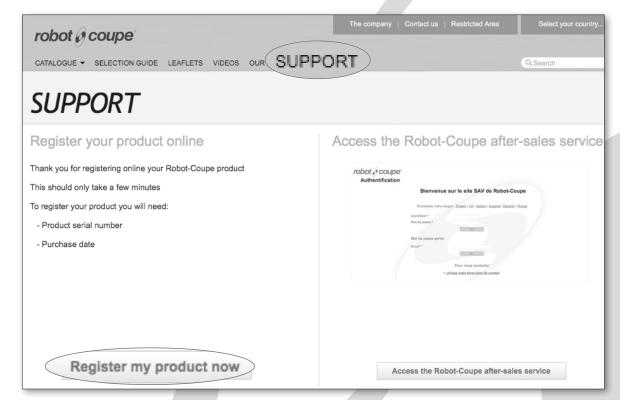


CL 50 E • CL 50 Ultra E

www.robot-coupe.com



Register your product on line



robot a coupe®





EU Declaration of Conformity

Robot-Coupe® SNC declares that all the machines subject of these original instructions, as well as their accessories and their packaging, comply with:

- the essential requirements of the following European directives and with the corresponding national regulations :
- Directive "Machinery" 2006/42/EC,
- Directive "Low Voltage" 2014/35/EU,
- Directive "Electromagnetic Compatibility" 2014/30/EU,
- Directive "Reduction of Hazardous Substances in Electrical Equipment" (RoHS) 2011/65/EU,
- Directive "Waste Electrical and Electronic Equipment" (WEEE) 2012/19/EU,
- Regulation (EC) No 1907/2006 (latest consolidated version) "concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)" and as such, no product, accessory and their packaging sold by Robot-Coupe® SNC, contains any substance on the European Chemical Agency (ECHA) candidate list and considered of very high concern.
- Regulation (EC) No 1935/2004 "Materials and articles intended to come into contact with food" modified by regulation (EC) No 596/2009.
- Regulation (EC) No 2023/2006 "Good manufacturing practice for materials and articles intended to come into contact with food".
- Regulation (EU) No 10/2011 "Plastic materials and articles intended to come into contact with food", as well as all relevant (EU) regulations which modify, correct and/or rectify it, as at the date of this declaration, the regulations (EU) No 1282/2011, 1183/2012, 202/2014, 865/2014, 2015/174, 2016/1416, 2017/752, 2018/79, 2018/213, 2018/831 and 2019/37.

- the provisions of the following harmonized European standards and the standards specifying the safety and hygiene requirements:
- EN ISO 12100:2010 Safety of machinery General principles for design,
- EN 60204-1:2006 Safety of machinery Electrical equipment of machines,
- EN 60529 Degrees of protection provided by enclosures (IP Code):
- IP 55 for the electric controls,
- IP 34 for the other parts of the machine,
- and according to the category of the apparatus, with the provisions of the following harmonized European standards specifying the safety and hygiene requirements:

- EN 454	Planetary Mixers,
- EN 1678	Vegetable Cutting Machines (and Juice Extractors),
- EN 12852	Food Processors and Blenders,
- EN 12853	
- EN 13208	Vegetable Peelers,
- EN 13621	Salad Dryers,
- EN 14655	Baguette Slicers.

"R019"

Montceau-en-Bourgogne, on March 1st, 2019

Jean-Marie LOZANO
Director of Industrial Operations



SUMMARY

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ROBOT-COUPE S.N.C., LIMITED WARRANTY

Your new ROBOT-COUPE appliance is warranted to the original buyer for a period of one year from the date of sale if you bought it from ROBOT-COUPE s.N.C.

If you bought your ROBOT-COUPE product from a distributor your product is covered by your distributor's warranty (Please check with your distributor terms and conditions of the warranty).

The ROBOT-COUPE S.N.C. limited warranty is against defects in material and/or work-manship.

THE FOLLOWING ARE NOT COVERED BY THE ROBOT-COUPE s.n.c. WARRANTY:

■ Damage caused by abuse, misuse, dropping, or other similar damage caused by or resulting from failure to follow assembly, operating, cleaning, user maintenance or storage instructions.

- **2** Labour to sharpen and/ or replacements for blades which have become blunt, chipped or worn after a normal or excessive period of use.
- **3** Materials or labour to replace or repair scratched, stained, chipped, pitted, dented or discoloured surfaces, blades, knives, attachments or accessories.
- **4** Any alteration, addition or repair that has not been carried out by the company or an approved service agency.
- **5** Transportation of the appliance to or from an approved service agency.
- **6** Labour charges to install or test new attachments or accessories (i.e., bowls, discs, blades, attachments) which have been arbitrarity replaced.
- **7** The cost of changing direction-of-rotation of three-phase electric motors (Installer is responsible).

8 - SHIPPING DAMAGES. Visible and latent defects are the responsibility of the freight carrier. The consignee must inform the carrier and consignor immediately, or upon discovery in the case of latent defects.

KEEP ALL ORIGINAL CONTAINERS AND PACKING MATERIALS FOR CARRIER INSPECTION.

Neither ROBOT-COUPE S.N.C. nor its affiliated companies or any of its distributors, directors, agents, employees, or insurers will be liable for indirect damage, losses, or expenses linked to the appliance or the inability to use it.

The ROBOT-COUPE s.n.c. warranty is given expressly and in lieu of all other warranties, expressed or implied, for merchantability and for fitness toward a particular purpose and constitutes the only warranty made by ROBOT-COUPE s.n.c. France.

IMPORTANT WARNING



WARNING: In order to limit accidents such as electric shocks or personal injury, and in order to limit material damage due to misuse of the appliance, please read these instructions carefully and follow them strictly. Reading the operating instructions will help you get to know your appliance and enable you to use the equipment correctly. Please read these instructions in their entirety and make sure that anyone else who may use the appliance also reads them beforehand. Our equipment is designed for professional use and must not be used by children under any circumstances.

UNPACKING

- Carefully remove the equipment from the packaging and take out all the boxes or packets containing attachments or specific items.
- WARNING some of the tools are very sharp e.g. blades, discs... etc.

INSTALLATION

• We recommend you install your machine on a perfectly stable solid base.

CONNECTION

- Always check that your mains supply corresponds to that indicated on the identification plate on the motor unit and that it can withstand the amperage.
- The machine must be earthed.

HANDLING

• Always take care when handling the blades, as they are extremely sharp.

ASSEMBLY PROCEDURES

• Follow the various assembly procedures carefully (see page 6) and make sure that all the attachments are correctly positioned.

USE

- Never try to override the locking and safety systems.
- Never insert an object into the container where the food is being processed.
- Never push the ingredients down with your hand.
- Do not overload the appliance.
- Never switch the appliance on when it is empty.

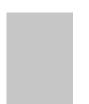
CLEANING

- As a precaution, always unplug your appliance before cleaning it.
- Always clean the appliance and its attachments at the end of each cycle.
- Never immerse the motor unit in water.
- For parts made from aluminum, use cleaning fluids intended for aluminum.

- For plastic parts, do not use detergents that are too alkaline (e.g., containing too much caustic soda or ammonia).
- Robot-Coupe can in no way be held responsible for the user's failure to follow the basic rules of cleaning and hygiene.

MAINTENANCE

- Before opening the motor housing, it is absolutely vital to unplug the appliance.
- Check the seals and washers regularly and ensure that the safety devices are in good working order.
- It is particularly important to maintain and check the attachments since certain ingredients contain corrosive agents, e.g. citric acid.
- Never operate the appliance if the power cord or plug has been damaged or if the appliance fails to work properly or has been damaged in any way.
- Do not hesitate to contact your local Maintenance Service if something appears to be wrong.



INTRODUCTION TO YOUR NEW CL 50 • CL 50 Ultra "E" Version VEGETABLE PREPARATION MACHINE

The CL 50/CL 50 Ultra is perfectly geared to professional needs. It can perform any number of tasks, which you will gradually discover as you use it.

This model is equipped with a metal bowl, a stainless steel motor base for CL 50 Ultra and polycarbonate bowl for CL 50.

Thanks to its simple design, all components requiring frequent handling for maintenance or cleaning can be fitted and removed in a trice.

This manual contains important information designed to help the user get the most out of this vegetable preparation machine.

We therefore recommend that you read it carefully before using your machine.

We have also included a few examples to help you get the feel of your new machine and appreciate its numerous advantages.

SWITCHING ON THE MACHINE

Before plugging in, check that your power supply corresponds to that indicated on the machine's identification plate.



WARNING

THIS MACHINE MUST BE EARTHED (RISK OF ELECTROCUTION).

• CL 50 E /CL 50 Ultra E Single-Phase

ROBOT-COUPE CL 50/CL 50 Ultra are fitted with various types of motors : 230 V / 50 Hz / 1

115 V / 60 Hz / 1 220 V / 60 Hz / 1

The machine comes with a single-phase plug connected to a power cord.

• CL 50 E /CL 50 Ultra E Three-Phase

ROBOT-COUPE CL 50/CL 50 Ultra are fitted with various types of motors : 400 V / 50 Hz / 3

220 V / 60 Hz /3 380 V / 60 Hz /3

The machine is supplied with a cable to which you simply attach the appropriate electrical plug for your system. The cable has four wires, one earth wire, plus three phase wires.

If you have a 4-pin plug:

- 1) Connect the green and yellow earth wire to the earth pin.
- 2) Connect the three other wires to the remaining pins.

If you have more than 4 pins in the plug please note the ROBOT-COUPE does not require a neutral wire.

Switch on the empty machine, making sure that the blade is rotating properly in an anti-clockwise direction.

On the motor unit, a red arrow marks the blade rotation direction. If the blade turns in a clockwise direction, swap over two wires:

Since GREEN/YELLOW is the earth, DO NOT DISCONNECT.

Swap either: the 1 and the 2

the **1** and the **3**

the 2 and the 3

ASSEMBLY

1) With the motor base facing you, place the discharge plate on the bottom of the bowl.





Emptying arm for fine grating and slicing only (cabbage, celery, carrots, cheese, etc.).



SIDE A facing upwards (ejection rib downwards) for any vegetables or citrus fruit which require careful handling (tomatoes, mushrooms...).



SIDE B facing upwards (ejection rib upwards) for all other types of fruit or vegetables.

2) Position your chosen disc:



a) If you have opted for a slicing, grating or julienne disc:

Position the disc on the motor shaft. To ensure that it is correctly positioned, turn it in a clockwise direction.

b) You have chosen a dicing unit:

i.e. a grid and a special slicing disc for diced vegetables.

Slicing discs and dicing grids can be mounted in the following combinations:

Dicing grid	5x5	8x8	10x10	14x14	20x20	25x25
Slicer	mm	mm	mm	mm	mm	mm
5 mm	•					
8 mm		•				
10 mm			•			
14 mm				•		
20 mm					•	
25 mm						•

The combinations in the shaded areas can be supplied on request.

Place the dicing grid in the bowl of the vegetable processor.

Make sure that the spur on the grid is fully engaged in the locking slot of the motor base.

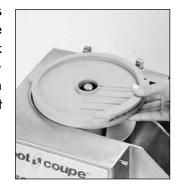


Next, fit the corresponding slicing disc (straight-edged blade) and rotate in a clockwise direction to ensure that it is correctly positioned.

c) If you want to use the French fries potatoes cutting equipment:

This equipment comprises a French fries grid and a special French fries slicing disc.

Position the French fries grid in the vegetable preparation bowl. Check that it is correctly positioned with the French fries plate positioned at the outlet.



Next fit the appropriate slicing disc and rotate in a clockwise direction to check that it i correctly positioned.

3) Slip the hinge pin into the locations provided at the back of the motor base. The locking handle should now be facing you, on the right.



ot @ coup





4) Slide the hinge pin into the slots provided at the back of the motor base. Next, lock the lid onto the motor unit using the locking handle.

TO CHANGE THE DISC:

1) With the motor base facing you, use your right hand to undo the aluminium fastening hook which holds the vegetable preparation head on the motor base.

Lift the vegetable preparation head, tilting it back to release the bowl.



- 2) Remove the disc by lifting it from underneath using the hub and if necessary, turn in an anti-clockwise direction to release...
- If you have been using a dicing unit, we recommend you remove the grid and the disc at the same time. This will be easier if you first rotate the emptying disc.
- 3) When fitting dicing equipment, we recommend that you clean the inside of the bowl with a damp cloth or sponge, particularly the part onto which the grid is to be fitted.

Always use a properly cleaned grid.

Never process soft foodstuffs after hard ones without properly cleaning the grid beforehand.



- 4) Fit the discharge plate, disc or dicing equipment as indicated in "assembly procedures" in points 1) and 2).
- 5) Close the lid of the vegetable preparation machine and lock onto the motor base using the fastening hook.

USES AND CHOICE OF DISCS

The lid of the vegetable processor features two feed openings:

- a wide feed opening for processing vegetables such as cabbage and celery.
- a narrow feed opening for long vegetables, guaranteeing a remarkable degree of cutting precision. Cutting quality can be optimized if the compartment is used as a cutting guide.

USING THE WIDE FEED OPENING

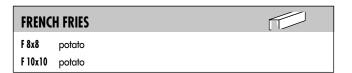
- Raise the pusher to gain access to the feed opening.
- Fill the feeder right up to the top with vegetables.
- Lower the pusher so that it is flush with the top of the feed opening.
- Exert a downwards pressure on the pusher.
 This pressure should just accompany the cutting process and will vary according to the type of cut.
 Remember that too great a pressure will place unnecessary strain on the appliance.
- Cut cabbages in half and remove the core before processing, in order to avoid unnecessary strain and ensure an end-product of a higher quality.

USING THE WIDE FEED OPENING

Fill the feeder right up to the top with vegetables. Apply a downwards pressure on the pusher and maintain it until all the vegetables have been processed.

Always press the vegetables down with a pusher to improve cutting efficiency.

SLICERS	5		HANA AN
\$ 0,8 cabbage \$1 carrot / cabbage / cucumber / onion / potato / leek \$2 / \$3 lemon / carrot / mushroom / cabbage / potato / cucumber / zuccchini / onion / leek / bell pepper \$4 / \$5 egglant / beet root / carrot / mushroom / cucumber / bell pepper / radish / lettuce / potato / leek / tomato \$8 / \$10 egglant / potato / zucchini / carrot \$14 potato / zucchini / carrot			
RIPPLE	CUT SLICERS		
R 2 R 3 R5	beet root / potato / carrot / zucchini beet root / potato / carrot / zucchini beet root / potato / carrot / zucchini		
GRATEI	RS		
G 1,5 G 2 G 3 G 5	céleriac / cheese carrot / celeriac / cheese carrot cabbage / cheese	G 7 G 9 Parmesan Radish	cabbage / cheese cabbage / cheese n/chocolate
JULIEN	NE		
J 2x2 carrot / céleriac / potato J 2x4 carrot / beet root / zucchini / potato J 2x6 carrot / beet root / zucchini / potato J 4x4 egglant / beet root / zucchini / potato J 6x6 egglant / beet root / celeriac / zucchini / potato J 8x8 céleriac / patato			
DICE			T
D 5x5 D 8x8 D 10x10	carrot / zucchini / cucumber / céleriac potato / carrot / zucchini / beet root potato / carrot / zucchini / beet root / turnip / onion / apple (fruit)		
D 20x20 D 25x25	potato / carrot / zucchini / beet root / céleriac potato / carrot / zucchinie / pineapple / turnip potato / zucchini / turnip / apple (fruit) / melon / watermelon		



CLEANING

Λ

WARNING

As a safety measure, we advise you always to unplug your machine before cleaning (risk of electrocution).

After removing the head of the vegetable preparation machine, take off the disc, followed by the grid and discharge plate where necessary.

Dishwashers are best avoided in order to prevent the aluminium from becoming tarnished. Instead we recommend that you clean the machine by hand using washing-up liquid.

If you do put your machine in a dishwasher, we sug-gest that you use a detergent designed specially for aluminium.

Never immerse the motor base in water. Clean it with a damp cloth or sponge.

Λ

IMPORTANT

Check that your detergent is suitable for cleaning plastic parts. Some washing agents are too alkaline (e.g. high levels of caustic soda or ammonia) and totally incompatible with certain types of plastic, causing them to deteriorate rapidly.

MAINTENANCE

BLADES, PLATES AND GRATERS

The blades on the slicing discs, the plates on the julienne discs and the graters are all wearing parts, which have to be changed every so often to ensure high quality cutting.

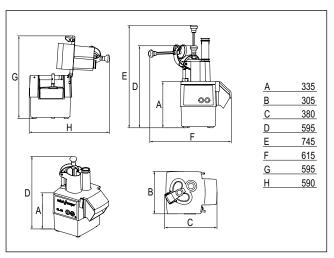
TECHNICAL SPECIFICATIONS

WEIGHT

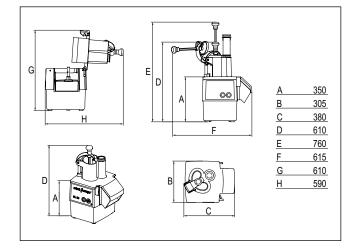
	Net	Gross
CL 50/CL 50 Ultra complete	15 kg	18 kg
Average weight of one disc	0.5 kg	0.6 kg

• DIMENSIONS (in mm)

CL 50



CL 50 Ultra



WORKING HEIGHT

We recommend that you position the CL 50 / CL 50 Ultra on a stable worktop so that the upper edge of the large feed hopper is at a height of between 1.20 and 1.30 m.

NOISE LEVEL

The equivalent continuous sound level when the CL 50 / CL 50 Ultra is operating on no-load is less than $70 \, dB(A)$.

• ELECTRICAL DATA

Single-phase machine.

Motor	Speed (rpm)	Intensity (Amp)
230 V / 50 Hz	375	5,7
240 V / 50 Hz	375	5,4
115 V / 60 Hz	450	12
220 V / 60 Hz	450	5,7

Three-phase machine

Motor	Speed (rpm)	Intensity (Amp)
400 V/50Hz	375	1.7
220 V/60Hz	450	3.7
380 V/60Hz	450	2.1

Three-phase bi-speed machine

Motor	Speed (rpm)	Intensity (Amp)	
400 V/50Hz	375 / 750	1.8 / 2.1	

- Power shown on data plate.

SAFETY

The CL 50/CL 50 Ultra is fitted with magnetic safety system which stops the motor as soon as the large hopper or lid is opened, thus preventing any access to the cutting tool while the latterit is in motion.

As soon as the lid opens, the motor stops.

To restart your machine, simply relock the lid.

In addition, the cover locking catch is equipped with a safety mechanism which prevents the processor from being used if the cover is not correctly positioned.



WARNING

The discs are extremely sharp. Handle with care.

The CL 50/CL 50 Ultra is fitted with a **temperature fuse** which automatically stops the motor if the machine is left on for too long or overloaded.

If this happens, allow the machine to cool completely before restarting.



REMEMBER

Never try to override the locking and safety systems.

Never insert an object into the container where the food is being processed.

Never push the ingredients down with your hand.

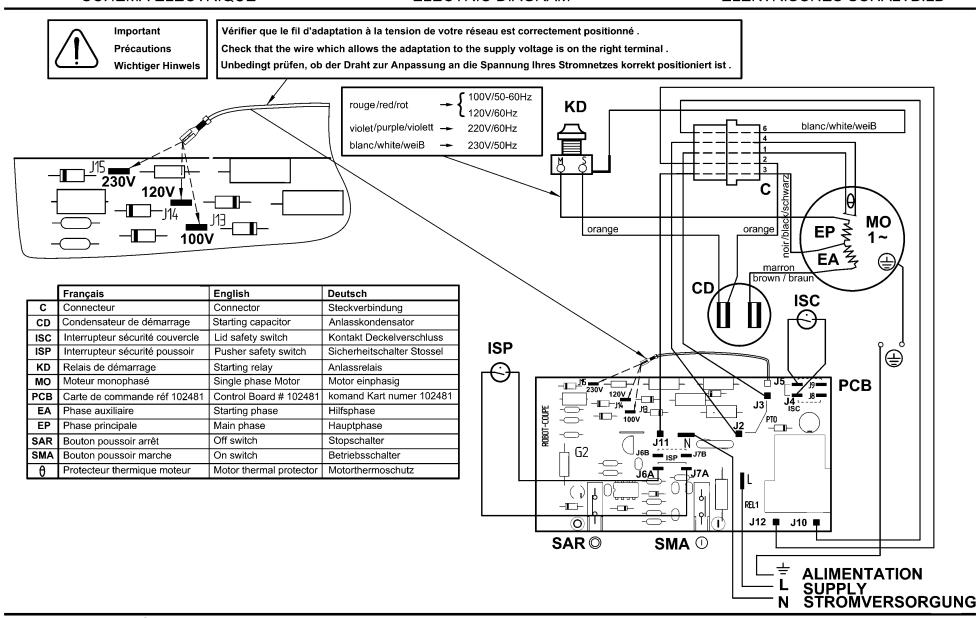
Do not overload the appliance.

STANDARDS

Consult the declaration of compliance on page \$.



TECHNICAL DATA



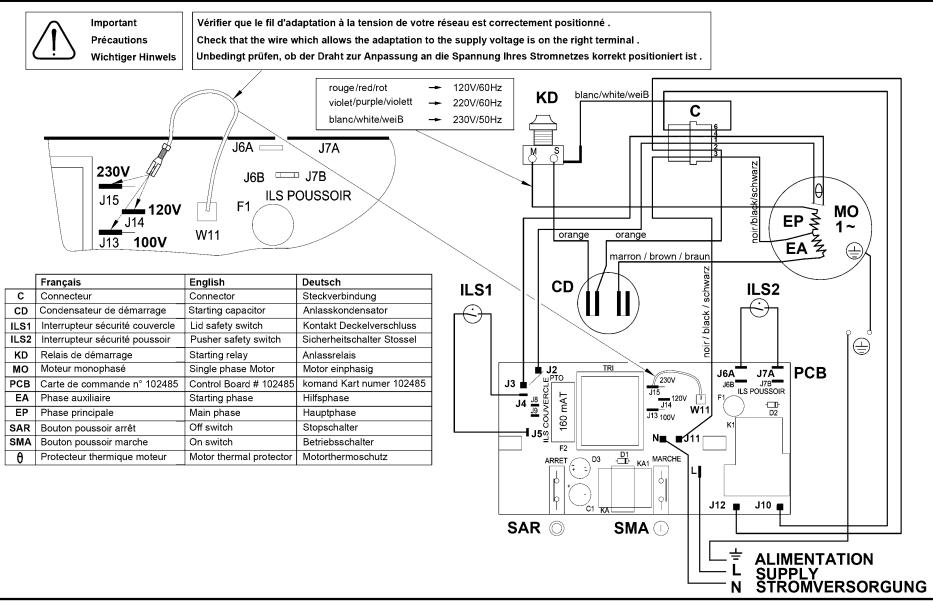
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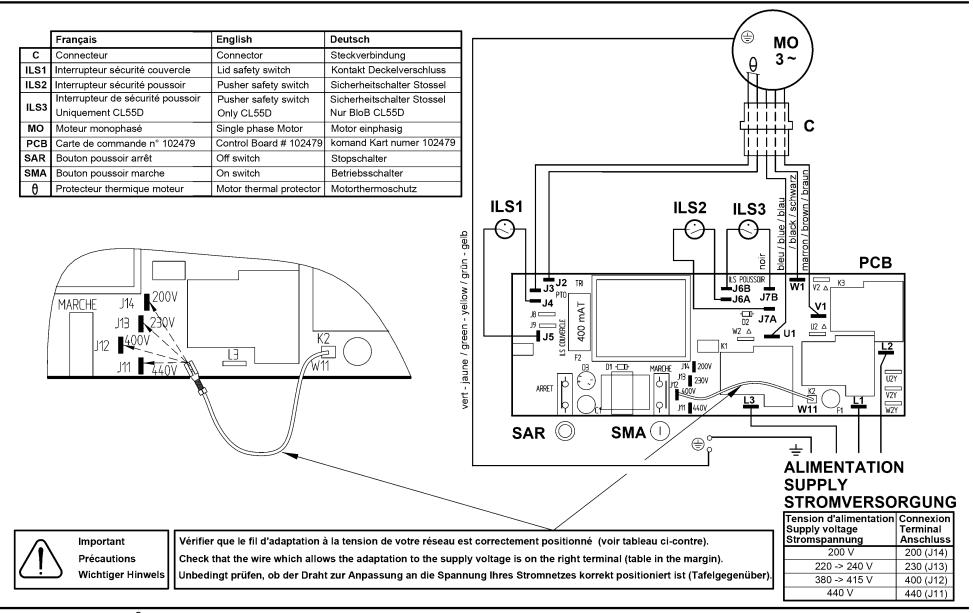
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ELECTRIC DIAGRAM

ELEKTRISCHES SCHALTBILD





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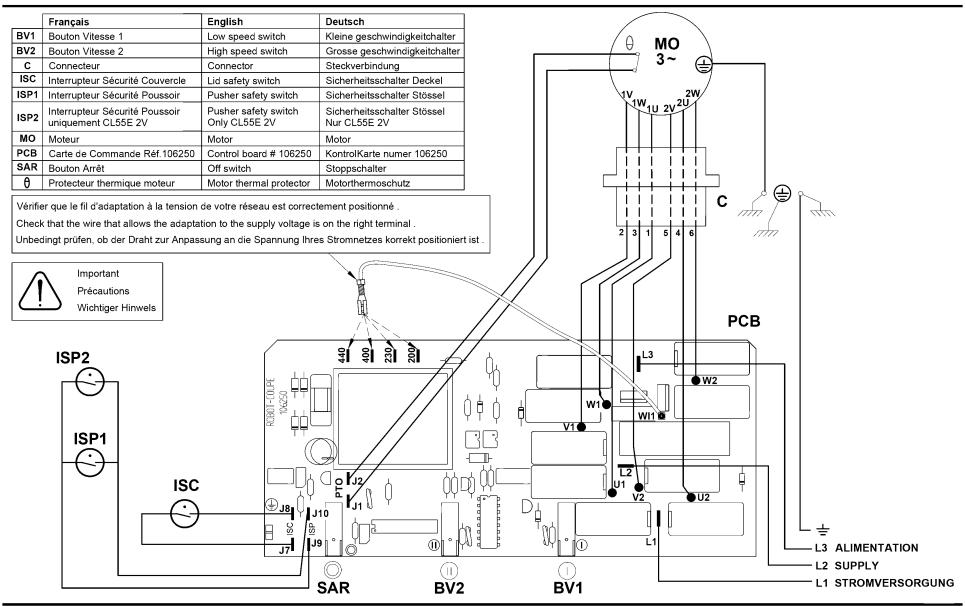
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CL50E 2V - CL50E Ultra 2V - CL52E 2V - CL55E 2V

SCHEMA ELECTRIQUE

ELECTRIC DIAGRAM

220V/60Hz - 380V/60Hz - 400V/50Hz 3~ ELEKTRISCHES SCHALTBILD



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