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Training and Operations Support
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**“FABER” PRODUCTION
Electromechanical
Range**

TABLE OF CONTENTS

1 - INTRODUCTION	page 4
1.1 - PURPOSE OF THIS MANUAL	page 4
1.2 - WARNINGS	page 4
1.3 - IMPORTANT INFORMATION	page 4
2 - MAIN FEATURES	page 5
3 - MODEL ZHP9022X PNC 942490324	page 5
3.1 - THE COMANDS ARE NOT WORKING	page 5
3.2 - THE MOTOR ARE NOT WORKING	page 7
4 - MODEL ZHT630X - W PNC 942490341 / 2	page 8
4.1 - FILTERS	page 8
4.2 - ILLUMINATION	page 8
4.3 - SUPPLY CONNECTION	page 9
4.4 - MOTOR	page 9
4.5 - CONTROLS	page 10
4.6 - SETTING RECYCLING / EXPULSION	page 11
5 - MODEL ZHC 900X PNC 942492623	page 12
5.1 - FILTERS	page 12
5.2 - ILLUMINATION	page 12
5.3 - CONTROLS AND LAMP	page 13
5.4 - MOTOR	page 14
6 - MODEL ZHC9131X PNC 942492629	page 15
6.1 - FILTER	page 15
6.2 - AIR OUTPUT AND POWER SUPPLY	page 15
6.3 - CONTROLS	page 16
6.4 - MOTOR	page 16
6.5 - ILLUMINATION	page 17
7 - MODEL ZHT920X PNC 942492663	page 17
7.1 - CONTROLS	page 17
7.2 - MOTOR AND LIGHTING	page 18
8 - REVISIONS	page 18

1 - INTRODUCTION

1.1 - PURPOSE OF THIS MANUAL

The purpose of this Manual is to provide information of electromechanical Cooker Hoods "Faber" production.

1.2 - WARNINGS



- All work with open appliances must be done with the mains supply disconnected.
- Work on electrical equipment should only be carried out by qualified personnel.
- Before working on a device, check the efficiency of the system casing using appropriate equipment. As an example, refer to the indications described / illustrated in the portal Electrolux Learning Gateway (<http://electrolux.edvantage.net>).

After the work, carry out electrical safety tests and ensure that the all safety devices are working properly.

- In the case of manipulation / replacement of the PCB, use the ESD kit (Code 405 50 63-95/4) to prevent electrostatic discharge damage the circuit board see SB No. 599 72 08-09

1.3 - IMPORTANT INFORMATION

The identification of the product can be seen from the data plate (see example in Fig. 1).



Fig. 1



The logo indicates the copyright of production "Faber"

2 - MAIN FEATURES

- Hoods type "Fan module"
- Standard Motor
- Lighting with traditional lamp (bulb)
- Mechanical controls

3 - MODEL ZHP9022X PNC 942490324

3.1 - THE COMANDS ARE NOT WORKING

If it is certain that the command card is not functioning proceed with the replacement operation as follows:

Extract the sliding panel and remove the metal grease filters;

With a screwdriver, work on the side metal wings until the metal cover on the internal frame is unblocked from the sliding panel (Fig. 2)



Fig. 2

Remove the 3 screws that are holding up the canopy's cover and extract it (Fig. 3)

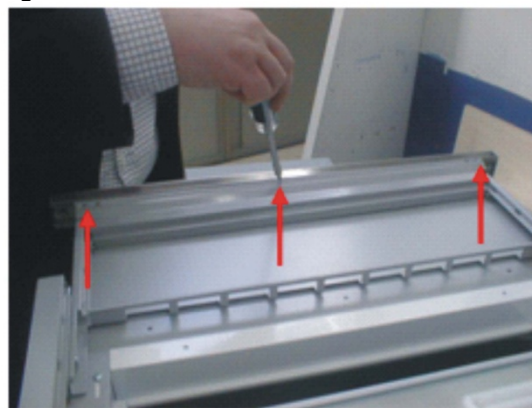


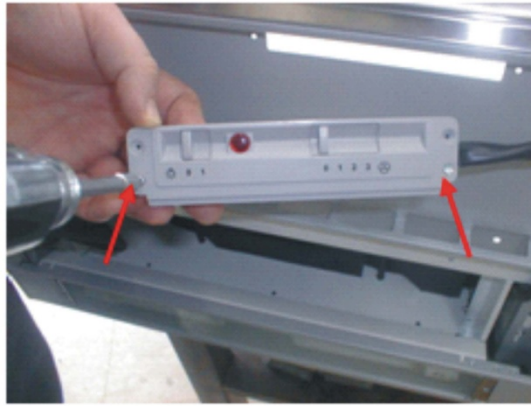
Fig. 3

Remove the 2 screws over the sliding panel in a way so that you extract the command unit on the part underneath the carriage itself (Fig.4)



Fig. 4

Open the command unit by unscrewing the two side screws, extract the card and replace it with one that has the same characteristics according to the electrical connections (Fig. 5 and 6)



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Fig. 5

Reset everything and check to see that it is functioning correctly



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Fig. 6

3.2 - THE MOTOR ARE NOT WORKING

In order to replace the motor or the impeller, operate as follows:

Remove the external cover on the motor compartment, by using the two side handles;

By using a small regular screwdriver, extract the two black screw caps (Fig. 7)

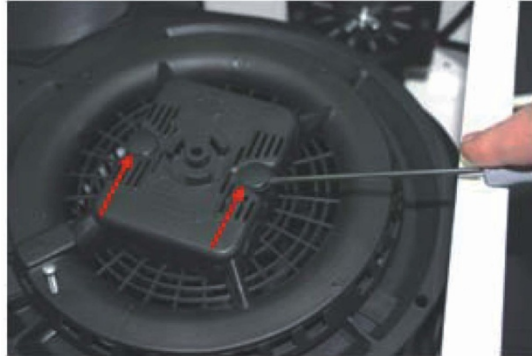


Fig. 7

Unscrew the four screws that are holding the motor support to the diffuser, and extract the motor/ impeller together (Fig. 8)

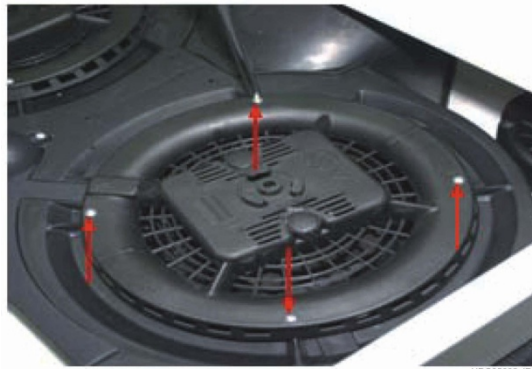


Fig. 8

Loosen the turning nut until you extract the impeller on the driving shaft (Fig. 9)

In order to extract the motor from its support, unscrew the two fixing nuts

Reset everything, and make sure that it is functioning correctly

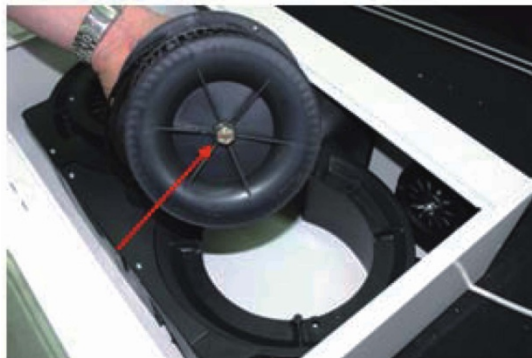


Fig. 9

4 - MODEL ZHT630X - W PNC 942490341 / 2

4.1 - FILTERS

To access the filters pull the two hooks and remove the protective grill.



Fig. 10



Fig. 11

4.2 - ILLUMINATION

To remove the ceiling press the hook fasteners.



Fig. 12

Unscrew the 2 screws.



Fig. 13

Unhook the holder.



Fig. 14

4.3 - SUPPLY CONNECTION

To access to the connection cover of motor unscrew the screw fixing.



Fig. 15

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4.4 - MOTOR

The motor is fixed with 4 screws.

Detail of the caps covering the motor cover.

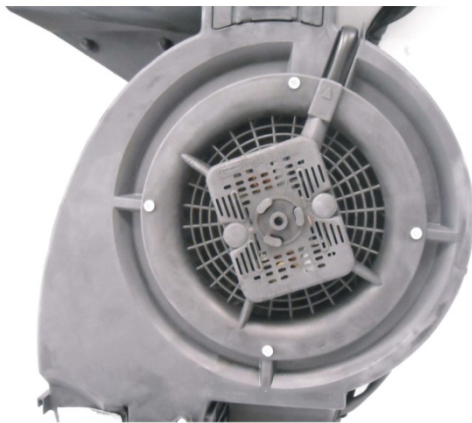


Fig. 16

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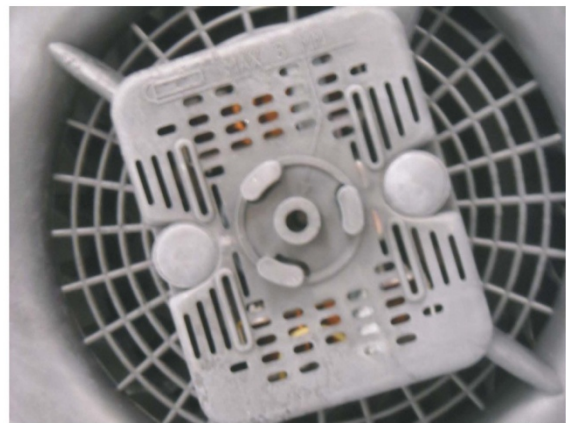


Fig. 17

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Fig. 18

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Fig. 19

HDC05659.JPG

4.5 - CONTROLS

To remove the small panel controls to push the pin from the inside out and slide the small panel.



Fig. 20

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Fig. 21

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To disassemble the control unit remove the 4 screws.



Fig. 22

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Fig. 23

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4.6 - SETTING RECYCLING / EXPULSION

Attachment points of the door Recycling / Expulsion

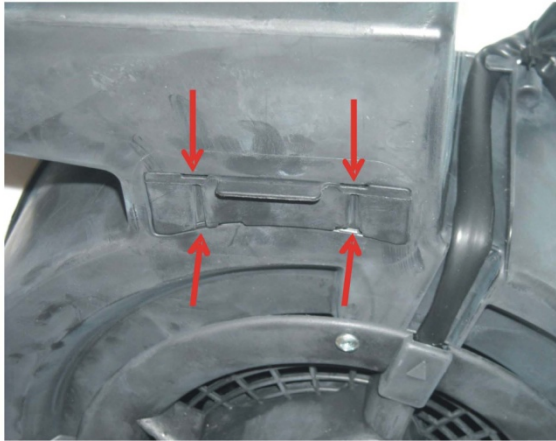


Fig. 24

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Fig. 25

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Snap flange which may be mounted above or below. Removing filters.



Fig. 26

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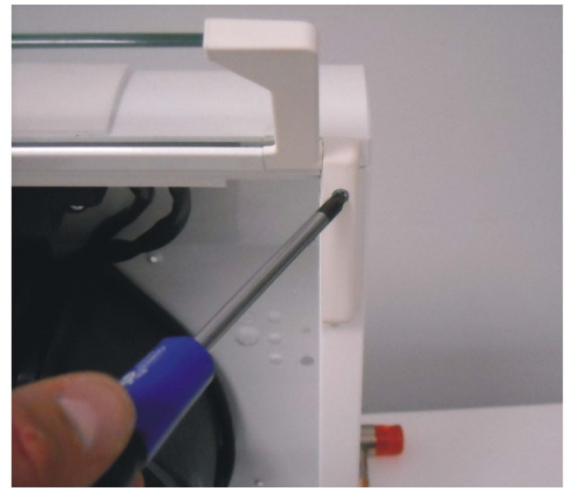


Fig. 27

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5 - MODEL ZHC 900X PNC 942492623

5.1 - FILTERS

Position filters.



Fig. 28

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5.2 - ILLUMINATION

Screw fixation of ceiling.



Fig. 29

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5.3 - CONTROLS AND LAMP

Dismounting of the control group and lamp.



Fig. 30



Fig. 31



Fig. 32



Fig. 33

5.4 - MOTOR

Wire connectors and 2 fixing screws.

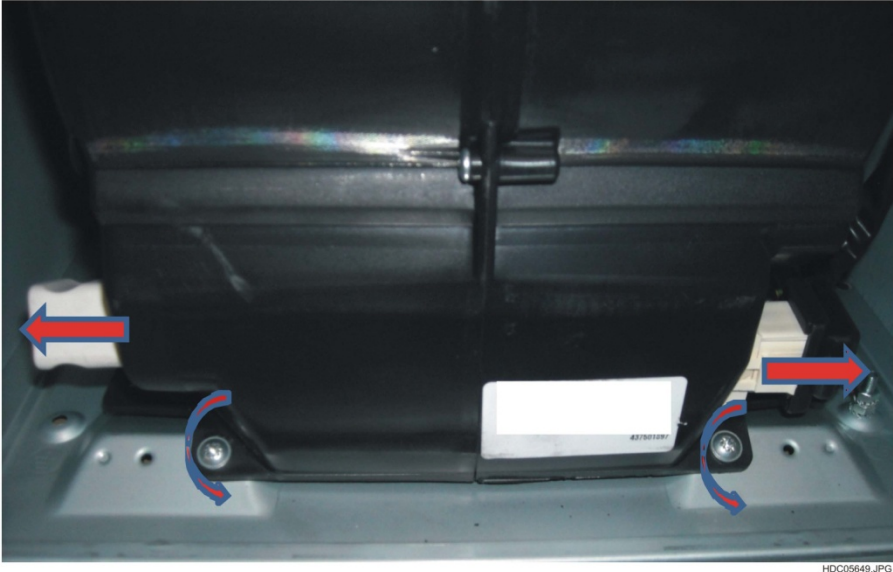


Fig. 34

6 - MODEL ZHC9131X PNC 942492629

6.1 - FILTER

- Metal filter only in the version of 60 cm, 2 filters in one of 90 cm.
- Painted background.
- Structure and background provided with protective.
- New control unit "245" series.
- Corners bent and welded.



Fig. 35

6.2 - AIR OUTPUT AND POWER SUPPLY

- Motor output diam. 150 mm.
- Reduction flange 150/120 supplied.
- Power cord included and not connected to the hood.

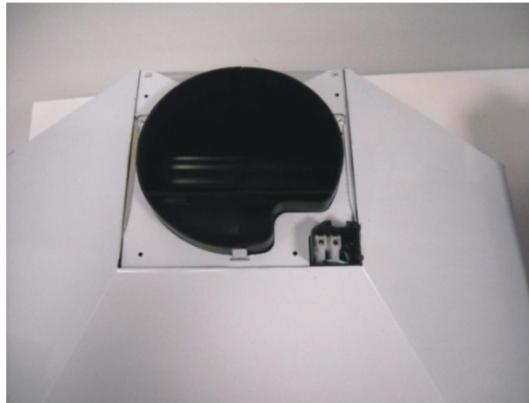


Fig. 36

6.3 - CONTROLS

Lift the right side of the control panel and slide it left to free it from the body.



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Fig. 37

Remove the control panel, lifting (with a small screwdriver) the 4 securing tabs to the commands group.

NOTE: When putting the group to the body, attach before the "black" block command, then the front panel outside "with snaps".

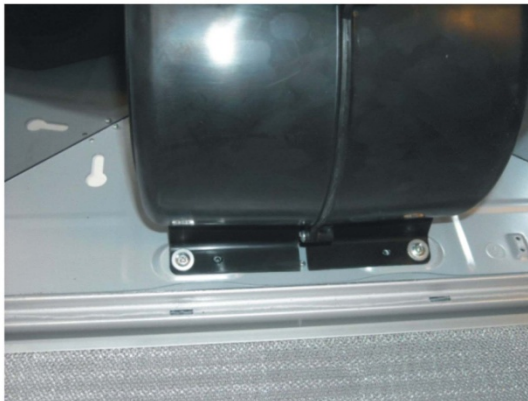


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Fig. 38

6.4 - MOTOR

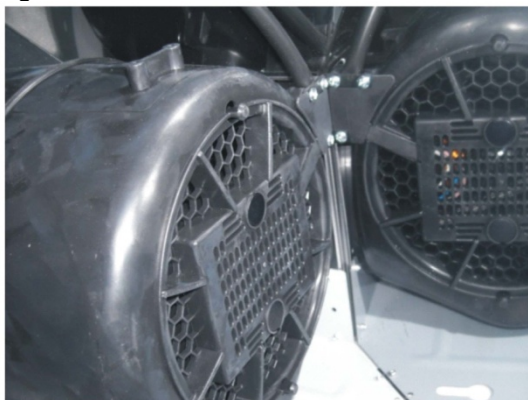
- Motor fixed with 2 screws to the body (No Easy Dismounting).
- Lateral connections "fast" absent.



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Fig. 39

- Single-shaft motor with support motor to the right of the light diffuser.
- Connection box for power cords.



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Fig. 40

6.5 - ILLUMINATION

Ceiling fixed to the body by plastic clips.



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Fig. 41

Lighting with filament lamps of 40W each

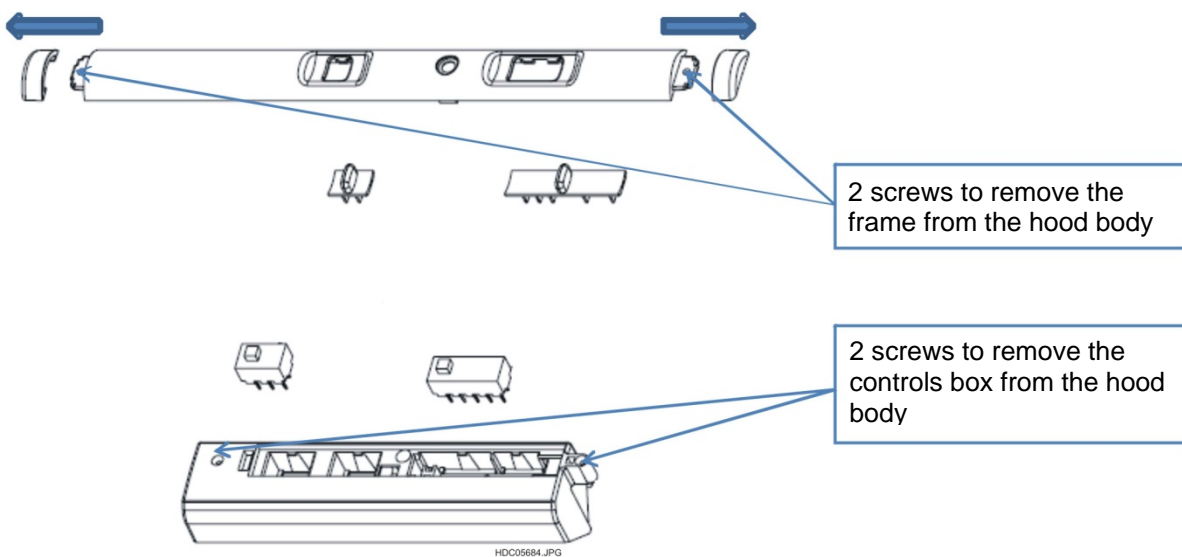


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Fig. 42

7 - MODEL ZHT920X PNC 942492663

7.1 - CONTROLS



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Fig. 43

7.2 - MOTOR AND LIGHTING

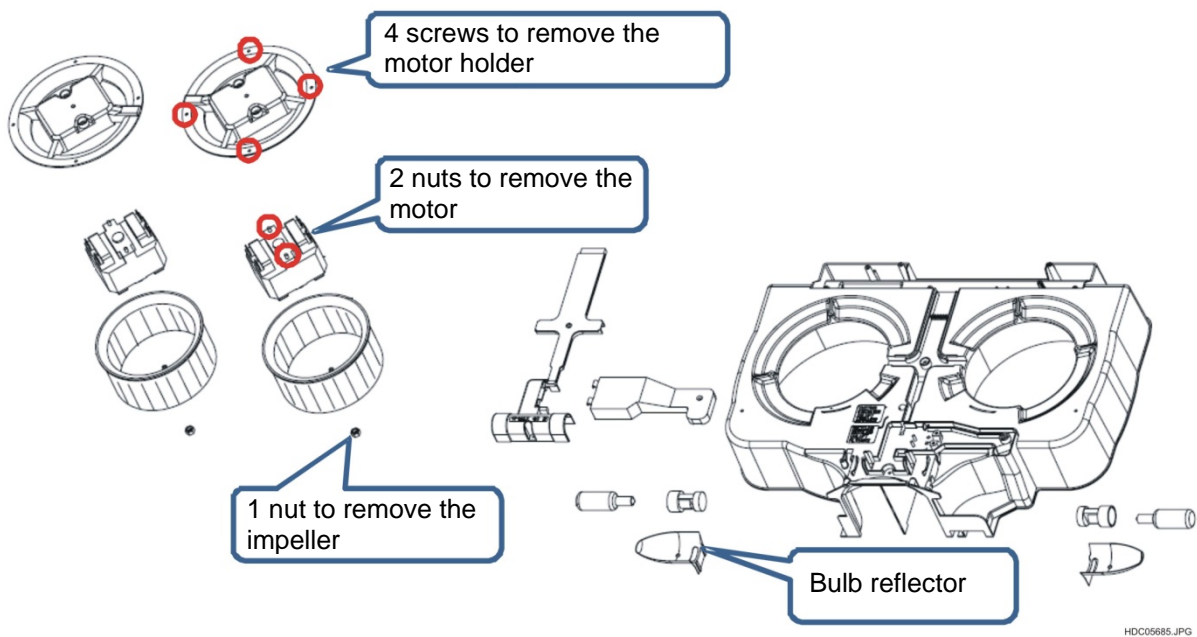


Fig. 44

8 - REVISIONS:

Revision	Date	Description	Author	Approved by - on
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