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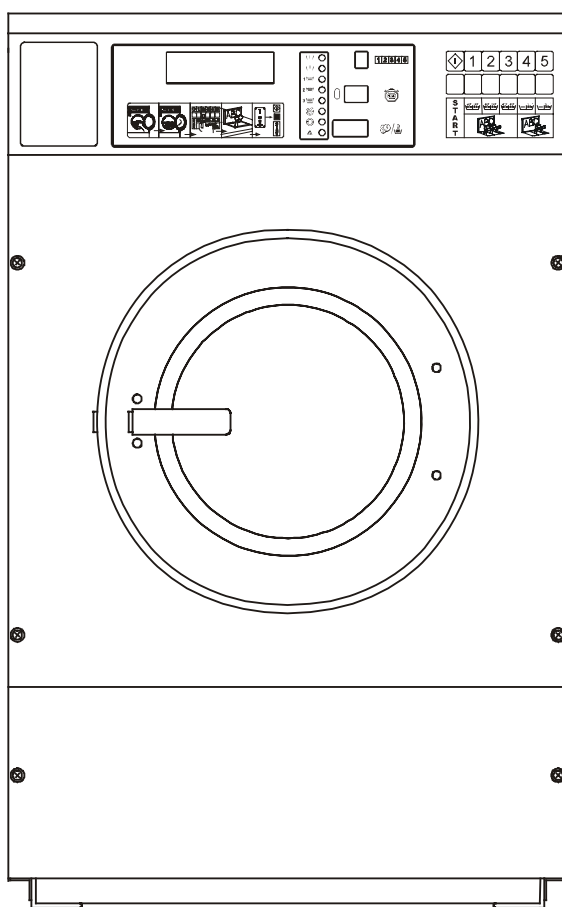
USER'S MANUAL

PUBLICATION DATE : January 06

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INDUSTRIAL WASHER EXTRACTOR

WITH ELECTRONIC TIMER



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USER'S MANUAL

1. TABLE OF CONTENTS

1. TABLE OF CONTENTS	2
2. WARNINGS AND LABELS	2
2.1. INSTRUCTIONS FOR MAINTENANCE, ADJUSTMENT AND SAFETY OF PEOPLE	4
3. OPERATOR PANEL SYMBOLS	5
4. OPERATION INSTRUCTIONS	6
4.1. BEFORE WASHING	6
4.2. OPEN THE DOOR.....	6
4.3. LOADING THE WASHER	6
4.4. CLOSE THE DOOR.....	6
4.5. PROGRAM SELECTIONS.....	6
4.6. ADD DETERGENTS.....	6
4.7. START THE WASHER	6
4.8. END OF WASH CYCLE.....	7
4.9. HOW TO OPEN THE DOOR BY FAILURE	7

USER'S MANUAL

2. WARNINGS AND LABELS



READ THIS MANUAL CAREFULLY BEFORE OPERATING THE WASHER EXTRACTOR. IMPROPER USE OF THE WASHER EXTRACTOR MAY CAUSE SERIOUS BODY INJURIES OR DEATH AS WELL AS SERIOUS DAMAGE TO THE WASHER EXTRACTOR.



FAILURE TO COMPLY WITH THE INSTRUCTIONS IN THIS MANUAL MAY LEAD TO INCORRECT USE OF THE WASHER EXTRACTOR, AND MAY RESULT IN BODILY INJURIES OR DEATH AND/OR DAMAGE TO THE LAUNDRY AND/OR THE WASHER EXTRACTOR.

- ◆ This English version is the original version of this manual. The instructions for the washer extractor are only complete with the programming and installation/maintenance manual.
- ◆ The washer extractor is designed for fabrics washing only, other objects can damage the machine and can cause damage or injuries.
- ◆ The manufacturer is not responsible for the damage to the fabrics that are washed by an inappropriate washing method.
- ◆ Always follow the instructions and/or warnings that are stated on the fabrics, washing products or cleaning products mentioned by the manufacturer.
- ◆ If the machine is used for special applications follow the instructions and warning to avoid person injury.
- ◆ Keep the washer extractor surface and surrounding clean and free of flammable materials.
- ◆ Do not put fabrics in the washer extractor treated with flammable products. Such fabrics must first be washed by hand and air dried
- ◆ Store laundry aids, dry-cleaning solvents and disinfectants out of the reach of children, preferably in a locked cabinet.
- ◆ Do not tamper the washer-extractor controls and do not bypass the safety instructions and the warnings.
- ◆ Do not remove warning signs placed on the machine. Observe signs and labels to avoid personal injuries.
- ◆ Do not put some part on the soap dispenser lid to held it open by filling or when the machine operates.
- ◆ Do not open the soap dispenser lid after the machine is started. The discharge or splashing of hazardous liquid can cause serious scalding and burning.
- ◆ The use of hypochlorite will cause corrosion which may cause component failure under certain circumstances.
- ◆ Do not operate the washer extractor when parts are broken or missing or when covers are open. The machine shall not be operated until the fixed guards are put correctly in place.
- ◆ The washer extractor is not designed for work which may create an explosive atmosphere inside the machine and will not be used for this purpose.
- ◆ Do not expose the washer extractor to the weather, extreme low or high temperature and humidity.
- ◆ Under certain conditions, hydrogen gas may be created in the hot water system that has not been used for two or more weeks. Hydrogen gas is explosive. If the hot water system has not been used for such period open all hot water taps and let the water run out for few minutes. This will release any accumulated gas.
- ◆ As this gas is flammable, do not smoke or use open flames during this time.
- ◆ By danger turn off the main switch or other emergency disconnection devices.
- ◆ Check the functioning of the door lock mechanism on regular base.
- ◆ Turn off the main water supply at the end of each operating day.
- ◆ Only qualified service personnel may open the washing washer extractor to carry out servicing.
- ◆ Follow all valid basic safety rules and laws.
- ◆ **It is obvious that it is impossible to mention each possible risk in this manual. It is up to the user to proceed as careful as possible.**
- ◆ The manufacturer reserves the right to change the manuals without previous notice.
- ◆ If a problem should arise, contact your dealer for assistance.
- ◆ Norm IEC335 is applied for machines with a net usable cage volume between 60 and 150 l. Norm EN60204-1 is used for a net usable cage volume above 150 l.
- ◆ Usage of hypochlorite can cause corrosion, which, in certain circumstances, can be a cause of the component defect.
- ◆ The washer extractor produces equivalent continuous (A-weighted) sound power level which doesn't exceed 70 dB (A).



WARNING

- ◆ Do not touch the doorglass until cycle has been completed
- ◆ Do not open door until cylinder remains stopped and water has been drained from cylinder.
- ◆ Do not put articles soiled with explosif solvents and/or dangerous chemical products in the machine.
- ◆ This machine should not be used by children.
- ◆ Do not let children play in, on, or around the machine

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⚠ WARNING !
SAFETY LABELS APPEAR AT CRUCIAL LOCATIONS ON THE MACHINE. FAILURE TO MAINTAIN LEGIBLE SAFETY LABELS COULD RESULT IN INJURY TO THE OPERATOR OR SERVICE TECHNICIAN.

(on the inner side of the box of electrical components)

⚠ WARNING
DISCONNECT ELECTRIC POWER BEFORE SERVICING

OPGELET : Elektrische voeding afkoppelen voor onderhoud
 ATTENTION : Débrancher l'électricité avant maintenance
 VORSICHT : Elektrizität ausschalten vor Wartung
 ATENCION : Desconectar la corriente eléctrica
 AVVERTENZA : Antes de efectuar cualquier reparación
 ADVARSEL : Afbryd elforsyningen før servising
 ADVISO : Desligar a energia eléctrica antes de usar
 ATTENZIONE : Scollegare l'apparecchiatura dalla rete elettrica
 Príma di qualsiasi intervento
 ADVERSAL : Fjern kontakten før service begynner
 VAROITUS : Kytkä virta pois ennen huollon aloitamista

PRE 01-010203

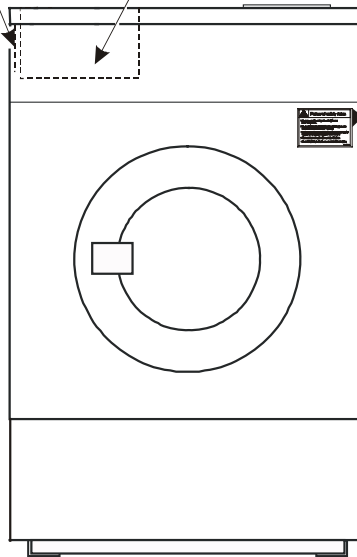
Electrical connection liquid soap
 Elektrische verbinding für flüssige Seife
 El-forbindelse for doseringspumpe
 For flydende vaskemiddel
 Sähköliitäntä nestemäistä pesuainetta
 Elektrische verbinding voor vloeibare zeep
 Connexion électrique pour savon liquide
 Conexión eléctrica para jabón líquido
 Ηλεκτρική σύνδεση υγρού σάπουνου

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⚠ Personal safety rules

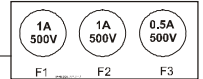
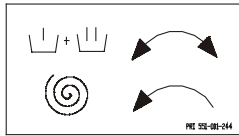
- Do not touch the door glass until cycle has been completed.
- Do not open door until cylinder remains stopped and water has been drained from cylinder.
- Do not put articles soiled with explosive solvents and/or dangerous chemical products in the machine.
- This machine should not be used by children.
- Do not let children play in, on, or around the machine.

PRE 01-010203



(on the inner side of the top cover)

⚠ WARNING: Original or identical parts must be used for replacement in this machine.
WAAR: Bij herstelling van deze machine moeten originele of identieke onderdelen gebruikt worden.
SCHÜHWING: Bei der Herstellung von dieser Maschine müssen originale oder identische Ersatzteile verwendet werden.
ATTENCIÓN: Lors de la réparation de cette machine, il faut employer les pièces originales et identiques.
AVVERTENZA: Dopo la manutenzione rimontare tutti i pannelli e fissarli in modo originale.
ADVARSEL: Når du monterer eller skifter dele på maskinen, skal du kun bruge originale eller identiske reservedele.
VAROITUS: Koneen huollossa on käytettävä alkuperäisiä tai niillä vastaavia osia. Huollon päätyttyä aseta ja kiinnitä suojapaneelit takaisin paikoilleen. Näiden ohjeiden...

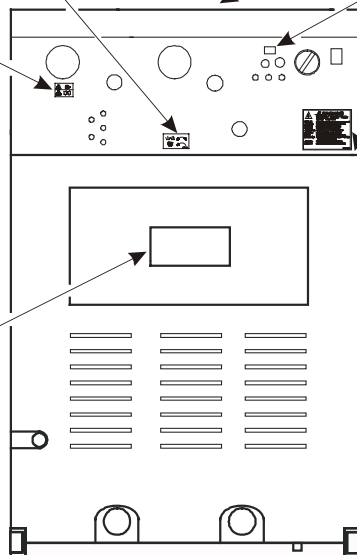


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 ADVERSAL : Fjern kontakten før service begynner
 VAROITUS : Kytkä virta pois ennen huollon aloitamista
 KINAYNOZ : ÁRÍÓ ZYHÁETÉ THN ÉΠΙΠΛΩΝ
 EYMATOZ : ΠΡΙΝ ΑΠΧΡΕΤΕ ΤΗΝ ΕΠΙΣΚΕΥΗ

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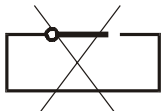
WARNING
DISCONNECT ELECTRIC POWER
BEFORE SERVICING

Always disconnect the washer from the electrical supply before attempting any service. The washer extractor is out of tension if the main plug is taken out or when the main supply is disconnected.



Caution!

Extreme hot conditions can arise in the surroundings of this air. Watch out for vapor that escapes from the washer extractor venting !



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Caution!

Do not cover the washer extractor venting. It serves as a vapor outlet to prevent pressure building in the washer extractor



WARNING: Original or identical parts must be used for replacement in this washer extractor. After servicing replace and secure all panels in the original way. Take these measures for continued protection against electrical shock, injury, fire and/or property damage.

2.1. INSTRUCTIONS FOR MAINTENANCE, ADJUSTMENT AND SAFETY OF PEOPLE

Some important information for the usage of the machine are not (or only partly) mentioned in this User's Manual. Missing information is possible to find in Installation and Maintenance Manual, which is delivered with the machine.

References to "Installation and Maintenance Manual" according to norm EN ISO 10472-1:

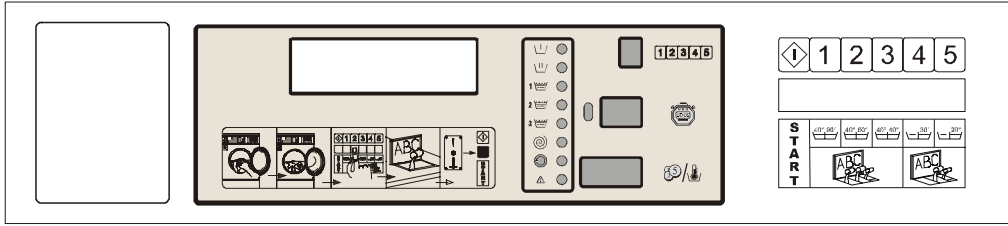
- | | |
|---|---------------------|
| 1. Description of the safe work system when maintenance is performed / adjustment / and when eliminating defects. | - chapter 5 / 5 / 6 |
| 2. Description of qualities for ventilation | - chapter 4 |
| 3. Procedures on searching for defects / cleaning / maintenance | - chapter 6 / 5 / 5 |
| 4. Heat risks | - chapter 3 |
| 5. Safety procedure on manipulation, installation and dismantling | - chapter 4 |

References to "Installation and Maintenance Manual" according to norm EN ISO 10472-2:

















- | | |
|--|-------------|
| 1. Maintenance of door blocking | - chapter 5 |
| 2. Electric risks | - chapter 2 |
| 3. Heat energy | - chapter 3 |
| 4. Sight holes | - chapter 3 |
| 5. Appropriate processes | - chapter 2 |
| 6. Explosive atmosphere | - chapter 2 |
| 7. Biological or chemical pollution of water | - chapter 2 |
| 8. Maximal possible overspeed | - chapter 3 |

3. OPERATOR PANEL SYMBOLS

EASY CONTROL MICROPROCESSOR WITH MECHANICAL BUTTONS (MCB EC)



523315

-   **PREWASH**
-   **MAIN WASH**
- 1**   **RINSE 1**
- 2**   **RINSE 2**
- 3**   **RINSE 3**
-   **EXTRACT**
-   **DOOR RELEASE**
-   **FAULT**

 **CYCLE TIME**

 **COIN/TEMPERATURE**

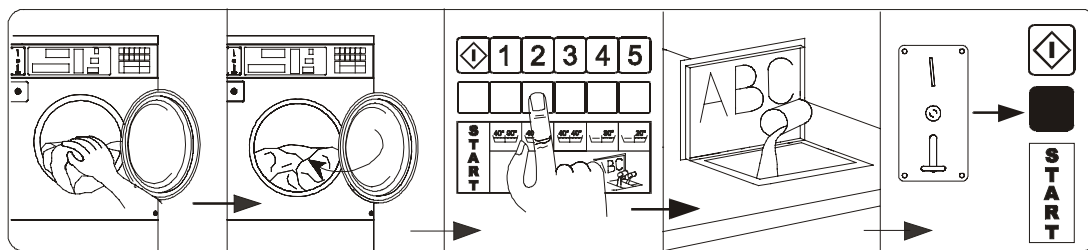
 **PROGRAM SELECT**

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4. OPERATION INSTRUCTIONS

4.1. BEFORE WASHING

Sort the linen according on the temperature and the instructions of the manufacturer of the fabrics. Check if there aren't any strange objects between the linen like nails, screws, needles, etc. in order not to damage the washer-extractor or the linen. Turn sleeves of shirts, blouses, etc. inside out. To get a better washing result, you have to unfold the fabrics and mix the bigger and smaller pieces of fabrics.



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4.2. OPEN THE DOOR

Open the door by pulling on the door handle.

4.3. LOADING THE WASHER

Put the linen in the drum depending on the maximum capacity of the washer. Do not overload the washer extractor. Overloading the machine can lead to a bad wash result. Half washing loads can obstruct a proper function.

4.4. CLOSE THE DOOR

Close the door with the door handle, making sure the door is properly latched before operating the washer.

4.5. PROGRAM SELECTIONS

Choose one of the available wash programs, best corresponding to the quality of the garments and allowed wash temperature in the wash load. The different washing programs are indicated on the operator panel. The selection of the program determines the temperature and the time for washing and rinsing. If you wish, you can adapt the wash programs. (See programming manual)

4.6. ADD DETERGENTS

❑ Washer extractors with top soap dispenser.

Fill the soap dispenser on the top of the washer extractor depending of the chosen program.



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- ◆ Dispenser **A** : Prewash (add the detergent at the beginning of the wash cycle)
- ◆ Dispenser **B** : Wash (add powder detergent or bleach detergent at the beginning of the cycle, you may add liquid detergent or liquid bleach during the wash cycle. If added at the start of the cycle, it will run in the washer prematurely)
- ◆ Dispenser **C** : Final Rinse (Add fabric softener at the beginning of the cycle or before the final rinse)

❑ Standard wash programs versus custom made wash programs.

This explanation is only valid for standard wash programs. For custom made programs, it's possible that other dispensers have been selected. (See programming manual)

- ❑ **Remark** : - It is advisable to use only detergents with "foam breaker" which can easily be found in retail shops. The dosage of soap to use is generally mentioned on the packing. An overdose of detergent can lead to poor wash results and "suds" overflow which can damage the machine.
 - Take care that the lid of the soap dispenser is closed if the machine starts.

4.7. START THE WASHER

Push the START button to start the washer extractor. When you have selected a wrong washing program, you can change it during the first washing step by pushing the other washing program. During the washing cycle you can follow the actual washing sequence, the remaining time and temperature on the display, as far as this display was preset. If the advance function was preset, you can go on to the next step by pushing the START button.

4.8. END OF WASH CYCLE

You can see clearly the end of the washing cycle on the operator panel when the light next to the door symbol lights up and the time display indicates "0". Open the door with the door handle and take out the fabrics of the washer extractor.

WARNING !

IF YOU CAN'T OPEN THE DOOR, FOR EXAMPLE BY A POWER FAILURE, WAIT A CERTAIN TIME UNTIL THE SECURITY SWITCH IS COOLED DOWN. THIS IS A SAFETY! THE DOOR CAN BE OPENED AFTER A COUPLE OF MINUTES. MAKE SURE THAT THE DRUM HAS COMPLETELY STOPPED AND DRAINED BEFORE OPENING THE DOOR.

When a power failure occurs for a short time, the wash program will continue when the power comes back on. When the failure occurs for a longer time and the door is still closed the display and the light next to the start button starts flashing when power is restored. If the door is still locked the timer will continue the program. Press the start button to continue the program. If the door was opened, the program will be cancelled.

4.9. HOW TO OPEN THE DOOR BY FAILURE

WARNING !

THIS HANDLING SHOULD ONLY BE DONE BY QUALIFIED TECHNICIANS! MAKE SURE THAT THE DRUM HAS COMPLETELY STOPPED AND DRAINED BEFORE OPENING THE DOOR! OPENING THE DOOR WHILE THERE IS STILL HOT WATER IN THE DRUM CAN CAUSE SERIOUS BURNS! MAKE SURE THAT THE REMAINING WATER IS COMPLETELY COOLED DOWN BEFORE YOU OPEN THE DOOR!

Should the door fail to open such as the case with a failure, the door can be opened as follows :

1. Remove the lower service panel located on the front of the washer.
2. Behind the panel on the left hand side, there will be a string. Pull this string down, then open the door.
3. Reinstall the service panel.

IMPORTANT !

MACHINE TYPE

PROGRAMMER:
- ELECTRONIC TIMER

INSTALLATION DATE :

INSTALLATION CARRIED OUT BY:

SERIAL NUMBER

ELECTRICAL DETAILS:

.....VOLTPHASEHZ

NOTE :
ANY CONTACTS WITH YOUR DEALER REGARDING MACHINE SAFETY, OR SPARE PARTS, MUST INCLUDE THE ABOVE IDENTIFICATION.
MAKE CERTAIN TO KEEP THIS MANUAL IN A SECURE PLACE FOR FUTURE REFERENCE.

