# User manual ELS Laundry Program Manager

LPM 6





Original instructions

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The manufacturer reserves the right to make changes to design and component specifications.

# 1 Symbols

| Caution  |
|--|
| Caution, hot surface                           |
| Read the instructions before using the machine |

# 2 General

# 2.1 What is Laundry Program Manager?

ELS Laundry Program Manager is an intuitive, easy to use PC- tool to create or customize ELS washer or dryer program on your PC.

ELS Laundry Program Manager is hereafter referred to as LPM.

It is compatible with washers using Clarus Control, Compass Control or Compass Pro, and dryers using Compass Pro control system.

LPM gives the possibility to make a new program from scratch, using the built in Sequence Database, or use a factory program from the machine as a template, and modify according to your wishes. You can save the new program directly to the machine if you are connected to a Compass Control (RS232) or Compass Pro (USB/RS232), or use the Clarus Control memory card reader to transfer the program to a Clarus Control machine.

On Compass Control and Compass Pro, you can also change the order of appearance of the available programs in the display and change which programs should be available, or you can remove custom programs from the machine memory.

The printing function in LPM can be adjusted to give you a better overview of the program structure.

# Note!

Administrator rights are required to install Laundry Program Manager and associated drivers and files.

# 2.2 System requirements

System requirements for CMIS are divided in two parts, PC and Machine.

# 2.2.1 PC

Microsoft Windows XP (x86), Windows Vista (x86/x64), Windows 7/8/10 (x86/x64)

Microsoft Internet Explorer 6.0 or higher

Intel Pentium compatible, 900 Mhz or better

Recommended Free Hard drive space is 500MB

Monitor with minimum 1280 x 1024 resolution recommended

CD-ROM drive

1 Free serial port (RS232) for connection of communication cable (Compass Control / Compass Pro)

1 Free USB port for connection of Clarus Control USB card reader or standard USB communication cable for Compass Pro

Adapter and Null modem cables for Compass Control (included in Starter kit)

USB cable for Compass Pro (included in Starter kit)

ELS Memory card reader and memory card for Clarus Control (included in Clarus Control Option kit)

# 2.2.2 Machines — Washers

LPM is supported by machines equipped with Clarus Control, Compass Control or Compass Pro.

There are different ways of transferring the program to or from the machine.

- Clarus Control uses ELS Card reader and Clarus Control Memory Card.
- Compass Control uses a serial COM port connected to P-load port on Compass Control CPU.
- Compass Pro can use either a USB port on the machine front or CPU board, or a serial COM port on the CPU board.

#### Software

LPM is supported by software versions as listed below:

Clarus Control, all software versions.

#### **Compass Control**

Version required to create and upload/download program: Base software 432669904: Version 3.27 or later. Base software 432669701: Version 2.63 or later. Base software 432669920: All versions. Base software 432669720: All versions.

Version required to use functionality **Manage active programs** list: Base software 432669920: Version 4.5 or later. Base software 432669720: Version 4.5 or later.

Actual software version can be read in Service menu under Service – Article Number – Program Unit – Base Software.

Compass Pro, software 432669961 version 4.09 or later.

Actual software number and version can be read in Service menu under System – System Information – CPU – FW. Non-compatible software or machine is recognized by a red stop icon in the Machine view. See **Scanning for connected machines**.

## 2.2.3 Machines — Dryers

LPM is supported by machines equipped with Compass Pro control system.

Compass Pro can use either a USB port on the machine front or CPU board, or a serial COM port on the CPU board.

#### Software

LPM is supported by software versions as listed below:

Compass Pro software 432669961 version 4.09 or later.

Actual software version can be read in Service menu under System – System Information – CPU – FW.

Non-compatible software or machine is recognized by a red stop icon in the Machine view. See **Scanning for con-nected machines**.

## 2.2.4 Additional Requirements

LPM consists of two different kits.

The Starter kit (p/n 988802269), includes software CD, USB cable, adapter cable and a null modem cable. This is all necessary accessories to start using LPM with Compass Control and Compass Pro machines.

Clarus Control Option kit (p/n 988802260, includes ELS Card reader and 5 Clarus Control Memory cards. You need this kit if you intend to use LPM with Clarus Control machines.

Both kits are available for purchase from your local Electrolux Professional dealer.

# 2.3 File types

Wash Program Manager uses different file types in accordance with the following:

\*.mac = Machine file for specific machine. (For Clarus Control, \*.mac and \*.seq files are backwards compatible with WPM from version 3. For Compass Control, WPM 5 or later is required. For Compass Pro, LPM 6 or later is required).

Contains factory made program modules with menus and parameters adapted for the selected machine. The machine files will be updated when LPM is updated via the ELS website.

\*.seq = Database file for specific machine. Contains user made program modules. The \*.seq file will be preserved when LPM program is updated. (For Clarus Control, \*.mac and \*.seq files are backwards compatible with WPM from version 3. For Compass Control, WPM 5 or later is required. For Compass Pro, LPM 6 or later is required). (A \*.seq file created in WPM 5 / LPM 6 or later cannot be opened in earlier versions).

\*.wpf, \*.lpf = Program file, (for Clarus Control, \*.mac and \*.seq files are backwards compatible with WPM from version 3. For Compass Control, WPM 5 or later is required. For Compass Pro, LPM 6 or later is required), enabling custom made programs to be saved to your hard drive. The file is tagged to a specific machine model, but can be converted to another with the same control system. Files will be preserved when LPM is updated. (The file extension \*.lpf is used from LPM 6.0 and later. A \*.wpf file created in WPM can be opened with LPM. LPM can save to \*.wpf for use in earlier WPM versions. Compass Pro can only use LPF format).

\*.wpl = File containing the program library for Compass Control or Compass Pro. This is normally stored on the computer's hard disk and is tagged to a specific machine model. It can also be uploaded to the CPU, but always to the same machine model. Files will be preserved when LPM is updated

\*.bin = File containing the program library for Clarus Control. This is normally stored on the computer's hard disk and can be written to a memory card. The .bin file has the same size and memory structure as a Clarus Control memory card. Files will be preserved when LPM is updated.

# **3 Installation**

# 3.1 Installing LPM

### Note!

You must have administrator rights to install ELS LPM. Alternatively, you can select to run the installation as administrator under your own login.

Insert the CD-ROM into the CD / DVD reader. If the Installation dialog will not start automatically, select Open folder to view files and double click the Start file. An internet browser will open with following content.



In addition to the LPM installation files, this menu also holds the following information:

- **Read this first** information about the program' version number and system requirements, along with details of new features in the software and machine files.
- User guide in all available languages in PDF format.
- Registration form.
- Link to the LPM website (requires Internet connection).

Select **Installation**. At the question if you want to run or save the file, select Run. If you get a security warning notifying you that the installation file has been issued by a publisher unknown to Microsoft, click Run.

The installation sequence starts.

If you have a previous installation of ELS Wash Program Manager on your computer, you will be prompted to uninstall this before installing ELS LPM.

Click Yes to continue uninstall of previous version.

| ELS Laundry Program Manager  |            |
|--|------------|
| ELS Laundry Program Manager Version 5.6 is already installed. You must uninstall<br>the existing version before installing ELS Laundry Program Manager Version 6.0.0.<br>Do you want to uninstall the existing version of ELS Laundry Program Manager?<br>Yes No |            |
|  | fia.W00305 |

When the installation script opens the Welcome to LPM Installation wizard, select options where applicable, and click **Next** on the next few screens to finalize the installation.



| INFORMATION ABOUT THIS RELEASE<br>General:<br>This installation package (Version 6.1) contains release Version 6.1 of ELS Laundry<br>Program Manager and latest available machine files.<br>The major news in this release is the extended support for Compass Pro machines.<br>Since we now support tumble dryers with Compass Pro timers, the name of the<br>application has changed from Wash Program Manager to ELS Laundry Program<br>Manager to reflect that expansion.<br>This release also use the new way to distribute ELS Laundry Program Manager, i.e.<br>that both application and machine files are embedded in the same installation file<br>and will always be installed. |
|---|

| License Agreement<br>You must agree with the license agreement below to  | Thinking of you    |
|--|--------------------|
| proceed.   | 🖸 Electrolux       |
|  |                    |
| ELS LAUNDRY PROGRAM MANAGER  | <u>^</u>           |
| END USER LICENCE AGREEMENT   |                    |
| This is a contract between you and Electrolux Laundry Systems  | E                  |
|  |                    |
| USE OF SOFTWARE:   |                    |
| 1 YOU MAY INSTALL ONE COPY OF THE SOFTWARE ONTO A HARD<br>STORAGE DEVICE UP TO THE PERMITTED NUMBER OF COMPUTERS |                    |
| STORAGE DEVICE OF TO THE PERMITTED NOMIBER OF COMPOTERS  |                    |
| 2 YOU MAY INSTALL ONE COPY OF THE SOFTWARE ON A SINGLE F   |                    |
| PURPOSE OF DOWNLOADING AND INSTALLING THE SOFTWARE ON<br>DTHER STORAGE DEVICE.                                   | NTO A HARD DISK OR |
| STREK STORAGE DEVICE.  | *                  |
| I accept the license agreement   |                    |
| O I do not accept the license agreeme  | ent                |
|  |                    |
| Reset < Back   | Next > Cancel      |
|  |                    |

# User manual

| Enter the followin installation. | g information to personalize your  | Thinking of you<br>DElectrolux |
|----------------------------------|--|--------------------------------|
| Full N <u>a</u> me:              | Windows User   |                                |
| <u>O</u> rganization:            |  |                                |
| The settings for th              | is application can be installed for the current u  | ser or for all users that      |
|                                  | is application can be installed for the current u<br>er. You must have administrator rights to install<br>application for: |                                |

| 🛱 ELS Laundry Program Manager Setup   |                |
|---|----------------|
| Destination Folder<br>Select a folder where the application will be installed.  |                |
| The Wise Installation Wizard will install the files for ELS Laundry Program<br>Manager in the following folder.       | _              |
| To install into a different folder, click the Browse button, and select another folder.                               |                |
| You can choose not to install ELS Laundry Program Manager by clicking Cancel<br>to exit the Wise Installation Wizard. |                |
| Destination Folder  |                |
| C:\Program Files (x86)\Electrolux\ELS Laundry Program Ma\ Browse  | _              |
| < Back Next > Cancel  |                |
|   | <br>fig.W00310 |

You will have the opportunity to choose which brands of machine files you want to install.

As default, only machine files for ELS brand will be installed. If you want to install another brand, click the drop down list to extend the installation. Click **Next** to continue.

| Select Features Thinking of you Please select which features you would like to install. The Float was how   |
|---|
| D Electrolux  |
| Laundry Program Manager Applic Machine Files LS Brand Dubix Brand Wascomat Brand ELS LPM Card Reader Driver ELS Compass Pro USB Driver This feature will be installed on the local hard drive. This feature requires 0KB on your hard drive. It has 3 of 3 subfeatures selected. The subfeatures require 93MB on your hard drive. |
| Current location:<br>C:\ProgramData\Laundry Program Manager\Machine Files\<br>Browse  |
| Disk Cost Reset < Back Next > Cancel  |

Select the language you want to use. Click Next to continue.

|  | iration<br>is used for configuring the instal      | El Electroluz            |
|--|--|--------------------------|
| <ul> <li>English</li> <li>German</li> <li>French</li> <li>Swedish</li> <li>Japanese</li> </ul> | ect the language you want to use inside the applic | ation                    |
| <ul> <li>⑦ German</li> <li>⑦ French</li> <li>⑦ Swedish</li> <li>⑦ Japanese</li> </ul>          | Select language                                    |                          |
| <ul> <li>French</li> <li>Swedish</li> <li>Japanese</li> </ul>                                  | English  |                          |
| <ul> <li>Swedish</li> <li>Japanese</li> </ul>  | 🔘 German   |                          |
| O Japanese   | © French   |                          |
| O Japanese You can change the language from within the application settings later on.          | 🔘 Swedish  |                          |
| You can change the language from within the applcation settings later on.                      | 🔘 Japanese   |                          |
|  | You can change the language from within the apple  | ation settings later on. |

Select the units for temperature, water volume and water level you want to use. Click **Next** to continue.

| BELS Laundry Program Manager Setup   |                 |
|--|-----------------|
| Installation Configuration<br>Set property values used for configuring the installed<br>application. | Thinking of you |
| Select the default properties you prefer to use inside the ap  | plication       |
| Temperature  |                 |
| Ocelsius (°C)  |                 |
| Fahrenheit (°F)  |                 |
| Water volume   |                 |
| <ul> <li>Litre</li> </ul>  |                 |
| 🔘 Gallon   |                 |
| Water level  |                 |
| Metric (mm)  |                 |
| O US (Inches)  |                 |
| (You can also change these settings inside the application   | n later on)     |
| K Back Ne  | ext > Cancel    |
|  |                 |
|  |                 |

Click **Next** to start installation, which will take a few minutes to complete. Once installation is complete, following screen will show:

|   | ELS Laundry Program Manager Setup                                    |                            |                                 |            |
|---|--|----------------------------|---------------------------------|------------|
| R | eady to Install the Application<br>Click Next to begin installation. | 10                         | Thinking of you<br>D Electrolux |            |
|   | Click the Back button to reenter t<br>Cancel to exit the wizard.     | he installation informatio | n or click                      |            |
|   |  | < Back Next                | Cancel                          |            |
|   |  |                            |                                 | fig.W00314 |

Click Finish to complete the installation of LPM.



Once installed, you can launch the program from the Start menu under All programs – Electrolux – ELS Laundry Program Manager.

# 3.2 Installation of USB driver for ELS Compass Pro and ELS Card reader

#### Note!

#### You need to have administrator rights to install the drivers.

The driver files are copied to your local hard drive during ELS LPM installation.

When you plug in the ELS LPM Card reader or an ELS Compass Pro machine for the first time, your computer will recognize this and open the "New hardware detected" information window in the task bar. Click on it to start the "Found New Hardware Wizard".

In the "Found New Hardware Wizard", select **NOT** to use Windows Update to search for a driver.

Instead, select "Install the software automatically"

Click Next or Finish on the next few screens, until your driver is installed.

You might have to do the above for each USB port you want to use with LPM.

# **4** Communication connection

# 4.1 Compass Control

Disconnect the power to the machine.

- Remove the top panel from the machine.
- Connect the null modem cable to a free serial port on your computer.
- Connect the adapter' cable contact to the null modem cable.



- Connect the adapter' edge connector to program device contact PLOAD (con6) using the cables to the front of the machine.
- Set the adapter switch to the OFF position.
- Connect the power to the machine.



# 4.2 Compass Pro

• Connect one end of the USB cable to a free USB port on your computer and the other end to the USB port on the machine front.



• Alternatively, disconnect the power to the machine, remove the top panel from the machine and connect the other end of the USB cable directly to the Compass Pro CPU. Connect the power to the machine.



### Note!

You must install the ELS Compass Pro USB driver before you can start using LPM and communicate with the machine. See section: Installation of USB driver for ELS Compass Pro and ELS Card reader.

## 4.3 Clarus Control

- Connect the ELS card reader to a USB port on the PC.
- · Communication between PC and program device takes place via memory card.



#### Note!

Note! You must install the ELS LPM Card reader driver before you can start using LPM and transfer programs to or from the memory card. See section: Installation of USB driver for ELS Compass Pro and ELS Card reader.

#### Note!

Always connect ELS LPM Card reader before launching LPM application.

# **5 User interface General**

# 5.1 Menus and functions

When you start LPM first time, the Machine view pane will be active.

| Machine view             | Favorites: Favorites 1        | •                  | + -    | 1                          |                   |          |                            |
|--------------------------|-------------------------------|--------------------|--------|----------------------------|-------------------|----------|----------------------------|
|                          | Available machine types       | ,                  |        |                            |                   | Edit and | create programs            |
|                          | ⊿ 📃 🖛 Clarus Control (165 ava | ilable)            |        | 1 1                        | \$ <sup>3</sup> ▲ |          | Create a new program       |
|                          | WSB4 650H                     | Electrolux         | Rev: 1 | 🖬 🕢 💷 2008-04-16 11:22:58  | ☆ =               |          |                            |
|                          | WSB4 500H                     | Electrolux         | Rev: 1 | 🔟 🕥 📖 2008-04-16 11:21:47  | *                 |          | Read program from machine  |
|                          | WSB4 350H                     | Electrolux         | Rev: 1 | 🖬 💿 🔟 2008-04-16 11:20:31  |                   |          | Open program from file     |
| Machine view             | WSB4 250H                     | Electrolux         | Rev: 1 | 🖬 🕥 💷 2008-04-16 11:18:38  | <b>\$</b>         |          | Open program from database |
|                          | WSB3 670H                     | Electrolux         | Rev: 8 | 🖬 🕥 💷 2008-04-16 10:18:40  | <b>\$</b>         |          |                            |
|                          | WSB3 470H                     | Electrolux         | Rev: 8 | 🔟 🕥 📖 2008-04-16 10:17:11  | \$                |          |                            |
|                          | WSB3 340H                     | Electrolux         | Rev: 8 | 🔟 🕥 📖 2008-04-16 10:12:47  | \$                |          |                            |
| Card manager             | WSB3 230H                     | Electrolux         | Rev: 8 | 🖬 💿 💷 2008-04-16 10:11:10  | \$                |          |                            |
|                          | WPB4-900H                     | Electrolux         | Rev: 6 | 🔟 💿 💷 2009-05-04 14:26:31  |                   |          |                            |
|                          | WPB4-700H                     | Electrolux         | Rev: 6 | 🖬 💿 💷 2009-05-04 14:26:05  |                   |          |                            |
|                          | WPB4-1100H                    | Electrolux         | Rev: 6 | 🖬 💿 💷 2009-05-04 14:26:49  | *                 |          |                            |
|                          | WPB3 890H                     | Electrolux         | Rev: 8 | 🖬 💮 💷 2008-04-16 10:22:22  | <b>\$</b>         |          |                            |
|                          | WPB3 690H                     | Electrolux         | Rev: 8 | 🖬 💮 💷 2008-04-16 10:20:31  | <b>\$</b>         |          |                            |
|                          | WPB3 1080H                    | Electrolux         | Rev: 8 | 🖬 💮 💷 2008-04-16 10:24:12  | <b>À</b>          |          |                            |
|                          | WP4-900H                      | Electrolux         | Rev: 6 | 🖬 💮 💷 2009-05-04 14:27:28  | *                 |          |                            |
|                          | WP4-700H                      | Electrolux         | Rev: 6 | 🖬 💿 🔟 2009-05-04 14:27:09  | *                 |          |                            |
|                          | WP4-1100H                     | Electrolux         | Rev: 6 | 🖬 💿 🔟 2009-05-04 14:27:52  |                   |          |                            |
|                          | WB4180H                       | Electrolux         | Rev: 2 | 🖬 💮 🔟 2008-12-16 16:59:45  | \$                |          |                            |
|                          | MID 41 2011                   | Connected machines | n      | M O HI 2009 12 16 16 59 59 | -> *              |          |                            |
| Connections<br>(2 found) |                               |                    |        | Scan for connected ma      | achines           |          |                            |
|                          | 1                             |                    |        |                            |                   | 5        |                            |

The different panes are described deeper in respective section of this manual:

- A. **Machine view** shows all machine files that are installed on your computer. Number of available machine files is indicated after each control system. Expand or collapse the lists by clicking the the arrow to the left in each headline.
- B. Card manager shows connected Clarus Control Memory cards and / or virtual cards.
- C. Connections shows all detected communication ports, both ports that are available and ports used by LPM.

## 5.1.1 Menu bar

The menu bar contains a number of sub-menus: **File**, **Edit**, **Settings**, **Window** and **Help**. The functions featured in the **File** and **Settings** menus are described in their respective sections in this document. The **Edit**, **Window** and **Help** menus contain standard Windows functions and are not covered in this manual.

### 5.1.1.1 File menu

File menu is used to:

- Create a new program.
- Open a program file for editing.
- Specify print settings (also found under Settings –rint Settings).

| Open from database       W4         Image: Open recent file       W4   |
|---|
| Image: Second state sta |
| Image: Constraint of the section of |
| Save to database     W460       Close all     W460       Print     W465       Print settings     W475   |
| Close all<br>Print W4651  |
| Print settings W475H  |
| VV4/JN  |
| 0 Exit F10  |

## 5.1.1.2 Settings menu

| ELS Laundry Program Manager 6   |            |
|---|------------|
| File Edit       Settings       Window Help         Machir       Application settings       prit         Print settings       Vitage macmine         W4400H       W4400H |            |
|   | fig.W00321 |

#### Application Settings is used to:

- 1. Specify units for temperature, volume and water height.
- 2. Specify LPM settings.
- 3. Specify the default language when transferring programs to Compass Control or Compass Pro.
- 4. Adjust the appearance and behavior of LPM.

| Temperature       Settings         Fahrenheit       I Show module hints         Celsius       I Auto open machine file on WPF/LPF load         Volume unit       I Warning before close         Volume unit       I Warning before multiple copy         Litre       I Warning before delete         US Gallon       I Scan for machine files upon start         Water height unit       I Write codepage values to card         mm       Auto ide navigator in editor mode         inch       I Always show connected devices in the machine type list | Main settings   | Directories Quantum Language settings  |
|---|---|--|
|   | © Fahrenheit<br>© Celsius<br>Volume unit<br>© Litre<br>© US Gallon<br>Water height un<br>© mm | Settings  Show module hints  Show module hints  Warning before close  Warning before multiple copy  Warning before delete  Scan for machine files upon start  Write codepage values to card  Auto hide navigator in editor mode  Auto scan for connected machines on program start |
| Pretered language for program text English (United States)  |   | Prefered language for program text English (United States)   |

5. Change the search path to system files (default search path recommended).

| Settings  |           |            |
|---|-----------|------------|
| Main settings 🔁 Directories 🕥 Language settings         |           |            |
| Directories   |           |            |
| Default directory for program files (WPF and LPF files) |           |            |
| C:\Users\user\Documents\My Laundry Programs\            |           |            |
| Default directory for machine files                     |           |            |
| C:\ProgramData\Laundry Program Manager\Machine Files\   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
|   |           |            |
| ОК Сали   | cel Apply |            |
|   |           |            |
|   |           | fig.W00323 |

6. Select the language for use in LPM application.

| Swedish (Sweden) 041D SVE |  |
|---------------------------|--|
|                           |  |

7. Specify the maximum baudrate when transferring data between PC and Compass Control or Compass Pro.

| ſ | Settings  |       |
|---|---|-------|
|   | Main settings 🔁 Directories 🕥 Language settings |       |
|   | Connection settings                             |       |
|   | Max baudrate settings                           |       |
|   | 230400 bps 🗸                                    |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   |   |       |
|   | OK Cance  | Apply |
|   |   | fig.W |

Print settings is used to:

- 1. Determine the format of printouts.
- 2. Select the printer to be used.

# **User manual**

| Print settings<br>Print options   |            |
|---|------------|
| <ul> <li>Print options</li> <li>Normal</li> <li>Advanced</li> <li>Advanced options</li> <li>Print extra info</li> <li>Smart printing</li> <li>Print Gray lines</li> </ul> |            |
|   | fig.W00326 |

# 5.2 Machine view

When you start LPM first time, the Machine view will be active.

**Machine view** shows all machine files that are installed. Number of available machines files is presented after each type (A).

| ELS Laundry Prog         | <u></u>                              |               |        |                               |                  |         |                            |
|--------------------------|--------------------------------------|---------------|--------|-------------------------------|------------------|---------|----------------------------|
| File Edit Settings       | Window Help                          |               |        |                               |                  |         |                            |
| Machine view             | Favorites: Favorites 1               | •][           | + -    |                               |                  |         |                            |
|                          | Available machine types              |               |        |                               |                  |         | create programs            |
|                          | ▲ I T Clarus Control (165 available) |               | 1      |                               | • <sup>0</sup> • |         | Create a new program       |
|                          | WSB4 650H                            | Electrolux    |        | 🔟 💿 📖 2008-04-16 11:22:58     | \$ =             |         | Read program from machine  |
| Ö                        | WSB4 500H                            | Electrolux    | Rev: 1 |                               | _ ☆ _            | _       |                            |
|                          | WS84 350H                            | Electrolux    | Rev: 1 | 🖬 💿 🔠 2008-04-16 11:20:31     | 會                | <u></u> | Open program from file     |
| Machine view             | WSB4 250H                            | Electrolux    | Rev: 1 | 🖬 💮 💷 2008-04-16 11:18:38     | 會                | - 23    | Open program from database |
|                          | WS83 670H                            | Electrolux    | Rev: 8 | 🖬 💿 💷 2008-04-16 10:18:40     | 會                | _       |                            |
| 29                       | WSB3 470H                            | Electrolux    | Revt 8 | 🖬 💿 💷 2008-04-16 10:17:11     | 會                |         |                            |
|                          | WSB3 340H                            | Electrolux    | Rev: 8 | 🖬 💿 💷 2008-04-16 10:12:47     | 슻                |         |                            |
| Card manager             | W583 230H                            | Electrolux    | Rev: 8 | 🖬 💿 💷 2008-04-16 10:11:10     | 会                |         |                            |
|                          | WP84-900H                            | Electrolux    | Rev: 6 | 🖬 💿 💷 2009-05-04 14:26:31     | *                |         |                            |
|                          | WPB4-700H                            | Electrolux    | Revt 6 | 🖬 💿 💷 2009-05-04 14:26:05     | <b>\$</b>        |         |                            |
|                          | WPB4-1100H                           | Electrolux    | Rev: 6 | 🖬 💿 💷 2009-05-04 14:26:49     | *                |         |                            |
|                          | WPB3 890H                            | Electrolux    | Rev: 8 | 🖬 💿 💷 2008-04-16 10:22:22     | -                |         |                            |
|                          | WPB3 690H                            | Electrolux    | Rev: 8 | 🔟 💿 📖 2008-04-16 10:20:31     | 會                |         |                            |
|                          | WPB3 1080H                           | Electrolux    | Rev: 8 | 🖬 💿 💷 2008-04-16 10:24:12     | 슻                |         |                            |
|                          | WP4-900H                             | Electrolux    | Rev: 6 | 🖬 💿 💷 2009-05-04 14:27:28     | *                |         |                            |
|                          | WP4-700H                             | Electrolux    | Rev: 6 | 🖬 💿 🔠 2009-05-04 14:27:09     | *                |         |                            |
|                          | WP4-1100H                            | Electrolux    | Rev: 6 | 🖬 💿 💷 2009-05-04 14:27:52     | 会                |         |                            |
| 1                        | WB4180H                              | Electrolux    | Revt 2 | 🔟 💿 💷 2008-12-16 16:59:45     | 숯                |         |                            |
|                          | All machines 🚖 My favorites 🔘 Conner | cted machines | 0      | MI CO 100 2008 12 16 16 66 68 |                  |         |                            |
| Connections<br>(2 found) |                                      |               |        | Scan for connected m          | achines          |         |                            |
| T+                       |                                      |               |        |                               |                  |         |                            |

When tab **All machines** (B) or **My favorites** (C) is selected, you can toggle the list of machine files to be expanded or collapsed individually for Clarus Control, Compass Control and Compass Pro by clicking the arrow to the left in the Control system headline (D).



Depending on if you have selected a machine file or not, if you have selected a machine file for a Clarus Control, Compass Control or Compass Pro, and if the machine is connected or disconnected, different options appear in this view.

#### No selected machine

| ELS Laundry                           | rogram Manager 6                      | Incoded 1     | -      | Tes .                     |        |          | - • • ×                    |
|---------------------------------------|---------------------------------------|---------------|--------|---------------------------|--------|----------|----------------------------|
| File Edit Settin                      | gs Window Help                        |               |        |                           |        |          |                            |
| Machine vie                           | w Favorites: Favorites 1              | • +           | -      |                           |        |          |                            |
| 5                                     | Available machine types               |               |        |                           |        |          | d create programs          |
|                                       | Clarus Control (153 available)        |               |        |                           |        |          | Create a new program       |
|                                       | EX618 Compass                         | Wascomat R    | Rev: 5 | 🖬 💮 💷 2011-01-17 08:33:26 | \$     |          | Read program from machine  |
| i i i i i i i i i i i i i i i i i i i | EX625 Compass                         | Wascomat R    | Rev: 4 | 🖬 💮 🔠 2011-01-17 08:34:09 | \$     | <b>2</b> | Open program from file     |
| Machine vie                           | EX630 Compass                         | Wascomat R    | Rev: 4 | 🖬 💮 💷 2011-01-17 08:34:36 | \$     |          |                            |
| Hachine vie                           | EX645 Compass                         | Wascomat R    | Rev: 4 | 🖬 💿 💷 2011-01-17 08:35:36 | 金      | - 12     | Open program from database |
| <b>S</b>                              | EX660 Compass                         | Wascomat R    | Rev: 4 | 🖬 💮 💷 2011-01-17 08:36:48 | ⋧      |          |                            |
|                                       | EX677 Compass                         | Wascomat R    | Rev: 4 | 🖬 💮 💷 2011-01-17 08:38:16 | 会      |          |                            |
| Card manage                           | EXSM 665 Compass                      | Wascomat R    | Rev: 1 | 🖬 💿 💷 2011-01-17 09:37:50 | 会      |          |                            |
|                                       | EXSM680 Compass                       | Wascomat R    | Rev: 1 | 🖬 💿 💷 2011-01-17 09:38:14 | \$     |          |                            |
|                                       | SU620 Compass                         | Wascomat R    | Rev: 2 |                           | ⋧      |          |                            |
|                                       | SU520 Compass                         | Wascomat R    | Rev: 4 | 🖬 💿 💷 2011-01-17 08:39:42 | \$     |          |                            |
|                                       | SU625 Compass                         | Wascomat R    | Rev: 4 | 🖬 💿 💷 2011-01-17 08:40:04 | 会      |          |                            |
|                                       | SU625 Compass                         | Wascomat R    | Rev: 2 | 🖬 💿 💷 2011-01-17 09:23:56 | 金      |          |                            |
|                                       | SU630 Compass                         | Wascomat R    | Rev: 2 | 🔟 💿 📖 2011-01-17 09:24:30 | ☆      |          |                            |
|                                       | SU630 Compass                         | Wascomat R    | Rev: 4 | 🖬 💮 💷 2011-01-17 08:40:24 | 会      |          |                            |
|                                       | SU640 Compass                         | Wascomat R    | Rev: 5 | 🖬 💮 💷 2011-01-17 09:51:06 | 会      |          |                            |
|                                       | SU645 Compass                         | Wascomat R    | Rev: 2 | 🖬 💿 💷 2011-01-17 09:26:28 | 金      |          |                            |
|                                       | SU655 Compass                         | Wascomat R    | Rev: 4 | 🖬 💮 💷 2011-01-17 09:51:48 | ⋧      |          |                            |
|                                       | SU662 Compass                         | Wascomat R    | Rev: 2 | 🖬 💮 💷 2011-01-17 09:27:52 | ģ •    |          |                            |
| Connections<br>(2 found)              | X All machines Y My favorites O Conne | cted machines |        | Scan for connected ma     | chines |          |                            |
| <b>10</b> 4                           |                                       |               |        |                           |        |          |                            |
|                                       |                                       |               |        |                           |        |          |                            |
|                                       |                                       |               |        |                           |        |          |                            |

#### **Clarus Control machine selected**

| 3 ELS Laundry Progra     | 11 - F                                      |  |                  |   |                 | - • • • •   |       |
|--------------------------|---|--|------------------|---|-----------------|---|-------|
| File Edit Settings       |   |  |                  |   |                 |   |       |
| Machine view             | Favorites: Favorites 1                      | •  | +) -             |   |                 |   |       |
|                          | Available machine types<br>WB3130H<br>W4855 | Electrolux                                     | Rev: 7<br>Rev: 0 | □         □         2008-04-16 10:26:39           □         ○         □         2009-03-18 11:31:38   | <b>宮</b> 、<br>合 | Edit and create programs Create a new program     |       |
| ä                        | W485M                                       | Electrolux                                     | Rev: 4           | ₩ © ₩ 2008-12-16 11:14:00   | *               | Read program from card                            |       |
| Machine view             | W4850H<br>W4755                             | Electrolux                                     | Revt 2<br>Revt 0 | U O U 2008-12-16 11:46:24   | <b>☆</b> =      | Open program from file Open program from database |       |
|                          | W475H<br>W465H                              | Electrolux                                     | Rev: 4<br>Rev: 4 | <ul> <li>₩ 2008-12-16 11:20:32</li> <li>₩ 2008-12-16 11:19:43</li> </ul>  | *               | g upen program from database                      |       |
| Card manager             | W4500X                                      | Electrolux                                     | Rev: 2           | 🖬 💮 📖 2008-12-16 11:56:05   | Ŕ               |   |       |
|                          | W4600H<br>W4400H WM                         | Electrolux                                     | Rev: 2<br>Rev: 2 | ₩ ○ ₩ 2008-12-16 11:45:35           ₩ ○ ₩ 2008-12-16 16:29:46   | ★               |   |       |
|                          | W4400H                                      | Electrolux                                     | Rev: 4           | ₩ ○ ₩ 2008-12-16 11:44:51   | *               |   |       |
|                          | W4350X<br>W4330S                            | Electrolux                                     | Rev: 0           | U O U 2008-12-16 11:55:11   | ×<br>☆          |   |       |
|                          | W4330M<br>W4300H WM                         | Electrolux                                     | Rev: 4<br>Rev: 2 | U C U 2008-12-16 11:18:32   | 含               |   |       |
|                          | W4300H                                      | Electrolux                                     | Rev: 4           | ₩ 💮 📖 2008-12-16 11:37:32   | ☆               |   |       |
|                          | W4280X<br>W42505                            | Electrolux                                     | Rev: 2<br>Rev: 0 | Image: Construction of the state o | 會會              |   |       |
|                          | W4250M<br>W4240H WM                         | Electrolux<br>Electrolux<br>Connected machines | Rev: 4<br>Rev: 2 |   | ☆<br>           |   |       |
| Connections<br>(2 found) |   |  |                  | Scan for connected ma   | chines          | 1   |       |
| (1.0°.)                  |   | -  |                  |   |                 |   | fig.W |

#### Compass Pro or Compass Control selected but not connected



#### **Compass Pro or Compass Control selected and connected**



### 5.2.1 Edit and create programs for Clarus Control

| Edit | and create programs        |           |   |
|------|----------------------------|-----------|---|
|      | Create a new program       |           |   |
|      | Read program from card     |           |   |
|      | Gpen program from file     |           |   |
|      | Open program from database |           |   |
|      |                            | fig.W0033 | 3 |

Create new program: Opens the Program editor pane with an empty program for the selected machine model.

**Read program from card:** (only if there is a valid Clarus Control memory card selected. See section: Card manager). Opens the **Read program from card** dialog to select a program from the card reader. If you have more than one card reader connected, e.g. ELS USB Card reader and a virtual reader, you will have to select which reader you want to read from.

**Open program from file:** Opens the **Load program** dialog to select a previously saved "\*.lpf"-file and open it in **Program editor**. As the "lpf"-file is tagged with the machine model, it will open the correct machine file automatically.

#### Note!

This function will also handle the previously used "\*.wpf" file extension. See section: File types.

If a machine file is selected, following options are also available.

**Open program from database:** Opens the **Open database program** dialog to select a program from **Sequence database** to be opened in **Program editor**. See section: Sequence database / Database manager

## 5.2.2 Edit and create programs for Compass Pro or Compass Control

| Edit and | l create programs          |            |
|----------|----------------------------|------------|
|          | Create a new program       |            |
|          | Read program from machine  |            |
|          | Open program from file     |            |
|          | Open program from database |            |
|          |                            | fig.W00334 |

**Create new program:** Opens the **Program editor** pane with an empty program for the selected machine model. **Read program from machine**: (only if there is a Compass Pro or Compass Control machine connected). Opens the **Read program from machine** dialog and lets you select a program from the machine to be opened in **Program editor**.

**Open program from file**: Opens the **Load program** dialog to select a previously saved "\*.lpf"-file and open it in **Program editor**. As the "lpf"-file is tagged with the machine model, it will open the correct machine file automatically.

#### Note!

This function will also handle the previously used "\*.wpf" file extension. See section: File types.

If a machine file is selected, following options are also available.

**Open program from database**: Opens the **Open database program** dialog to select a program from **Sequence database** to be opened in **Program editor**. See section: Sequence database / Database manager

## 5.2.3 Manage programs on a machine for Compass Pro or Compass Control

| Manage programs on a machine           |            |
|--|------------|
| Save program to file                   |            |
| Download programs and create a library |            |
| Upload programs from a library         |            |
| Manage active programs on machine      |            |
| Erase programs on machine              |            |
|  | fig.W00335 |

If you have a Compass Control or a Compass Pro machine connected, you will have additional options under **Mange programs on a machine**.

**Save program to file:** Opens the **Read program from machine** dialog and lets you select a program from the machine and save it as a "\*.lpf" – file on your hard drive. The "\*.lpf"-file is tagged with the machine model to prevent from being uploaded to wrong type of machine. See section: File types.

**Download programs and create library:** Opens the **Download programs to library** dialog and lets you select a number of user programs to be written to a program library and then saved as a ".wpl"-file on your hard drive. See file extensions.

This can be very useful if you want to upload a number of programs to several machines of the same model. This way you only need to create and upload the programs individually to one single machine, and create the library from that one. The ".wpl"-file is tagged with the model to prevent from being uploaded to wrong type of machine. See section: File types.

**Upload programs from a library:** Opens the **Select library** dialog to select an previously saved ".wpl"-file to upload to a machine.

Manage active programs on a machine: Opens the Read program from machine dialog and lets you select a program from the machine to be opened in **Program editor**.

**Delete programs on machine:** Opens the **Delete program from machine** dialog and lets you select one or several programs from the machine to be erased from machine memory.

# 5.2.4 Managing Favorite lists

Depending on your selection during installation, the Machine file list can contain more than 200 files. Therefore, it can be wise to create one or several Favorite lists.

Use the "+" button (A) to open the dialog Create a new favorite list. Enter a name and click OK.



| Create a new favorite setup                 | ×               |
|---|-----------------|
| Please enter a name for the new favorite se | Tup Favorites 1 |
|   | OK Cancel       |
| 5   | fig.W00337      |

The machine list showing all machines will open.

Add machines to the new favorite list by clicking the star symbol (A) after the machine name.

The star symbol turns yellow to indicate that the machine is in present favorite list.

You can also right click a machine file and select **Add to My favorites**.

| ELS Laundry Progr        | am Manager 6                | 1.85                 |        |   |                       |                            |
|--------------------------|-----------------------------|----------------------|--------|---|-----------------------|----------------------------|
| File Edit Settings       | Window Help                 |                      |        |   |                       |                            |
| Machine view             | Favorites: Favorites 1      | •                    | +      | - \                                     |                       |                            |
|                          | Available machine types     |                      |        | 1                                       | $\backslash$          | Edit and create programs   |
| <u>⊾</u> @]              | WPB4-1100H                  | Electrolux           | Rev: 6 | 🔟 💮 🔟 2009-05-04 14:26:49               | \ <u>\$</u> ^         | Create a new program       |
|                          | WPB3 890H                   | Electrolux           | Rev: 8 | 🖬 🕥 🔟 2008-04-16 10:22:22               | 2                     |                            |
|                          | WPB3 690H                   | Electrolux           | Rev: 8 | 🖬 💮 💷 2008-04-16 10:20:31               | \$                    | Read program from card     |
|                          | WPB3 1080H                  | Electrolux           | Rev: 8 | 🖬 💿 🔟 2008-04-16 10:24:12               | <b>☆</b> <sup>■</sup> | Open program from file     |
| Machine view             | WP4-900H                    | Electrolux           | Rev: 6 | 🖬 💮 💷 2009-05-04 14:27:28               | *                     | Open program from database |
|                          | WP4-700H                    | Electrolux           | Rev: 6 | 🖬 💿 🔟 2009-05-04 14:27:09               | *                     |                            |
| 07                       | WP4-1100H                   | Electrolux           | Rev: 6 | 🖬 💿 🔟 2009-05-04 14:27:52               |                       |                            |
|                          | WB4180H                     | Electrolux           | Rev: 2 | 🖬 💿 💷 2008-12-16 16:59:45               |                       |                            |
| Card manager             | WB4130H                     | Electrolux           | Rev: 3 | 🖬 💿 💷 2008-12-16 16:58:58               |                       |                            |
|                          | WB3130H                     | Electrolux           | Rev: 7 | 🖬 💿 🔟 2008-04-16 10:26:39               |                       |                            |
|                          | W485S                       | Electrolux           | Rev: 0 | 🖬 💿 💷 2009-03-18 11:31:38               | <b>\$</b>             |                            |
|                          | W485M                       | Electrolux           | Rev: 4 | 🖬 💿 🔟 2008-12-16 11:14:00               | <b>\$</b>             |                            |
|                          | W4850H                      | Electrolux           | Rev: 2 | 🖬 🕥 🔟 2008-12-16 11:46:24               | *                     |                            |
|                          | W475S                       | Electrolux           | Rev: 0 | 🖬 🕥 🔟 2009-03-18 11:31:21               | 會                     |                            |
|                          | W475H                       | Electrolux           | Rev: 4 | 🖬 🕥 🔟 2008-12-16 11:20:32               | *                     |                            |
|                          | W465H                       | Electrolux           | Rev: 4 | 🖬 💮 🔟 2008-12-16 11:19:43               | 숣                     |                            |
|                          | W4600X                      | Electrolux           | Rev: 2 | 🖬 🕥 🔟 2008-12-16 11:56:05               | 會                     |                            |
|                          | W4600H                      | Electrolux           | Rev: 2 | 🖬 🕥 🔟 2008-12-16 11:4 <mark>5:35</mark> | *                     |                            |
|                          | W4400H                      | Electrolux           | Rev: 4 | 🖬 🕥 🔟 2008-12-16 11:44:51               | *                     |                            |
| 2                        | All machines 🔶 My favorites | O Connected machines |        | MON MARKEN                              | A -                   |                            |
| Connections<br>(1 found) |                             |                      |        | Scan for connected m                    | achines               |                            |

By selecting **"My favorites**" tab below the list, only machines that you have marked as favorites will be visible in this view. You can at anytime select the **"All machines"** tab to view all machines again.

Repeat the above steps to create another favorite list.

Clicking the "-" button (A) will delete the presently selected favorite list.

| ELS Laundry Program      |                                     |                  |        |      | 14.01                |                   | Property of |                            |
|--------------------------|-------------------------------------|------------------|--------|------|----------------------|-------------------|-------------|----------------------------|
| File Edit Settings W     | Favorites: Favorites 1              |                  | +      |      |                      |                   |             |                            |
| Hachine view             |                                     | •                |        |      |                      |                   |             |                            |
|                          | Available machine types             |                  |        |      |                      | \$ <sup>3</sup> ▲ |             | reate programs             |
|                          | WPB4-1100H                          | Electrolux       | Rev: 6 | HOW. | 2009-05-04 14:26:49  |                   |             | Create a new program       |
|                          | WP4-900H                            | Electrolux       | Rev: 6 |      | 2009-05-04 14:27:28  | - 2               |             | Read program from card     |
| õ                        | WP4-700H                            | Electrolux       | Rev: 6 |      | 2009-05-04 14:27:09  | - 21              |             | Open program from file     |
|                          | W4850H                              | Electrolux       | Rev: 2 |      | 2008-12-16 11:46:24  | - 2               |             |                            |
| Machine view             | W475H                               | Electrolux       | Rev: 4 |      | 2008-12-16 11:20:32  |                   | <u>8</u>    | Open program from database |
| 100                      | W4600H                              | Electrolux       | Rev: 2 |      | 2008-12-16 11:45:35  |                   |             |                            |
|                          | W4400H                              | Electrolux       | Rev: 4 |      | 2008-12-16 11:44:51  | - 2               |             |                            |
| Card manager             | Compass Control                     |                  |        |      |                      |                   |             |                            |
|                          | Compass Pro                         |                  |        |      |                      |                   |             |                            |
|                          |                                     |                  |        |      |                      |                   |             |                            |
| Connections<br>(1 found) | 🚖 All machines 🙀 My favorites 🔾 Cor | nnected machines |        | (C2) | Scan for connected m | achines           |             |                            |

# 5.2.5 Scanning for connected machines

#### Note!

#### Only machines with Compass Control or Compass Pro can be scanned.

In order to read or write program to a Compass Control or a Compass Pro machine, you must establish a communication between the machine and your computer. Once you have connected the proper cable setup, you must scan for connected machines. Click the button **Scan for connected machines**. (Also available in **Connections** pane).

Alternatively, you can tick the box **Auto scan for machines on program start** in the **Settings** dropdown menu to automatically scan for connected machines when LPM is started.

The scan will take a few seconds and a pop-up will indicate scan completed and number of machines found.



If the scan succeeded to find a connected machine, it will be indicated by a green "circle" icon in front of the machine name.

Selecting the tab Connected machines (A) will hide non connected machines, and show only connected.

| ELS Laundry Progra       | m Manager 6             | 100 (00) FL                   |          | law here with            | -                    |                   | Provide and | to an B           |          |
|--------------------------|-------------------------|-------------------------------|----------|--------------------------|----------------------|-------------------|-------------|-------------------|----------|
| File Edit Settings V     |                         | 100 (BC) (P)                  |          |                          |                      |                   |             |                   |          |
| Machine view             | Favorites: Favorites 1  |                               | • +      | -                        |                      |                   |             |                   |          |
|                          | Available machine types |                               |          |                          |                      |                   | Edit and    | create programs   |          |
|                          | 4 Compass Co            | ontrol (1 available)          | I        | _                        |                      | \$ <sup>□</sup> ^ |             | Create a new pr   | ooram    |
|                          | O W475N                 | [COM8:0] Electrolu            | x Rev: 2 | <b>₩</b> () <b>₩</b> 201 | 1-01-17 08:16:16     | \$                |             | oreate a new pr   | ogram    |
|                          | 4 ■ Compass Pr          |                               |          |                          |                      |                   |             | Read program fro  | om card  |
| <u> </u>                 | O T5290                 | [USB12:0] Electrolu           | x Rev: 0 | U O U 201                | 2-05-25 10:22:48     | *                 |             | 0                 | 61       |
| 9                        |                         |                               |          |                          |                      |                   |             | Open program fr   | om nie   |
| Machine view             |                         |                               |          |                          |                      |                   | -           | Open program from | database |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
| OP                       |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
| Card manager             |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
| -                        |                         |                               |          |                          |                      | -                 |             |                   |          |
| 2                        | 🙀 All machines 🙀 My     | favorites O Connected machine | es       |                          |                      |                   |             |                   |          |
| Connections<br>(2 found) |                         |                               |          | S S                      | can for connected ma | achines           |             |                   |          |
| (2 Tound)                |                         | \                             |          | 12                       |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         | À                             |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |
|                          |                         |                               |          |                          |                      |                   |             |                   |          |

In case there is no machine file available or the connected machine is not supported by LPM, a red stop symbol will be shown in front of the connected machine name.

If the red stop symbol is shown together with information **No machine file found**, make sure you have installed the machine files for the connected brand of machine. See section: Installing LPM. Alternatively, visit ELS website to download latest version of LPM with updated machine files.

User manual

|              | /indow Help   |            |        |          |                      |                  |            |                            |
|--------------|---|------------|--------|----------|----------------------|------------------|------------|----------------------------|
| Machine view | Favorites: Favorites 1                                | •          | + -    | ]        |                      |                  |            |                            |
|              | Available machine types                               |            |        |          |                      |                  | Edit and o | create programs            |
| <u>N</u> 01  | Clarus Control (7 available)                          |            |        |          |                      | \$≅ ^            | D          | Create a new program       |
|              | Compass Control (6 available)                         |            |        |          |                      | \$ <sup>€3</sup> |            |                            |
|              | ▲ Compass Pro (5 available)                           |            |        |          |                      | \$               |            | Read program from machine  |
| Õ            | T5130   | Electrolux | Rev: 0 | U 🕜 U    | 2012-05-29 15:08:12  | *                |            | Open program from file     |
|              | T5550   | Electrolux | Rev: 0 | ພ 🕜 ຟ    | 2012-05-25 09:25:14  | *                |            |                            |
| Machine view | T5675   | Electrolux | Rev: 0 | U 🕢 U    | 2012-05-25 09:26:21  | *                | -          | Open program from database |
| 10           | W555H   | Electrolux | Rev: 0 | 🖬 🕥 🖽    | 2012-05-25 10:21:10  | *                |            |                            |
|              | T5290 <no file="" found="" machine=""> [USB12:0]</no> | Electrolux |        |          |                      | *                |            |                            |
|              |   |            |        |          |                      |                  |            |                            |
|              |   |            |        |          |                      | *                |            |                            |
| Connections  | 👷 All machines 👷 My favorites 💽 Connected             | machines   |        | 22<br>22 | Scan for connected m | *                |            |                            |

# 5.3 Card manager

Depending on if you have a valid memory card or **Virtual reader** connected, and if it is selected or not, different options appears in this view.

#### Card manager with no reader selected

|                          | Them I band I banks for her borthe                                    |                               |            |
|--------------------------|---|-------------------------------|------------|
| ELS Laundry Progra       | m Manager 6   |                               |            |
| File Edit Settings V     | indow Help  |                               |            |
| Card manager             |   |                               |            |
|                          | Available card readers  | Edit and create programs      |            |
|                          | Virtual Reader ()   | Create a new program          |            |
|                          | O Electrolux ELS WPM Card Reader 0 Free card space: 100 % Programs: 0 | Read program from card        |            |
| Ó                        |   | Manage programs on a card     |            |
|                          |   | Save all programs to BIN-file |            |
| Machine view             |   | 🧉 Write card from BIN file    |            |
| -57                      |   |                               |            |
|                          |   | Delete program on card        |            |
| Card manager             |   | Manage card                   |            |
|                          |   | Copy card 📮 Format card       |            |
|                          |   | Manage card locks             |            |
|                          |   | 🗑 Lock 👩 Unlock 🎒 Hardlock    |            |
|                          |   |                               |            |
|                          |   |                               |            |
|                          |   |                               |            |
|                          |   |                               |            |
|                          |   |                               |            |
|                          |   |                               |            |
|                          |   |                               |            |
|                          |   |                               |            |
| Connections              |   |                               |            |
| Connections<br>(2 found) | O Connected   |                               |            |
| II.                      |   |                               |            |
|                          |   |                               | fig.W00343 |
|                          |   |                               |            |

#### Card manager with ELS USB Card reader selected

|   | ELS Laundry Program    | Manager 6   |   |            |
|---|------------------------|---|---|------------|
|   | File Edit Settings Win | dow Help  |   |            |
|   | Card manager           |   |   |            |
|   | -                      | Naal Bader (<br>Vanal Bader (<br>Betroku ELS WRM Card Reader 0 Free card space 58 % Program: 2 (<br>Constat | Edit and oreate programs Create a new program Raad program from card Manage programs on a cod Write card from RNM file Debte program on and Manage card Manage card Manage card Manage card locit Debte program card Debte program card Manage card locit Debte program card |            |
| l |                        |   | A.  | 1          |
|   |                        |   |   | fig.W00344 |

## Card manager with Virtual reader selected

| ELS Laundry Pro              | gram Manager 6   |   |    |
|------------------------------|--|---|----|
| File Edit Settings           | Window Help  |   |    |
| Card manager                 |  |   |    |
|                              | Available card readers   | Edit and create programs  |    |
|                              | O Virtual Reader (Laundry W4240H.bin) Free card space: 20 % Programs: 24 | Create a new program  |    |
|                              | Electrolux ELS WPM Card Reader 0     Free card space: 100 % Programs: 0  | Read program from card  |    |
| Abdrine view<br>Cord manager |  | Keest program to a and  Marage program to a and  Marage program to and  What can from BN file  Delete program on cand  Marage card  Coy cand  Format cand  Marage card  Coy cand  Marage card  Coy cand  Marage card  Coy cand  Marage card  Ma |    |
| Conscions<br>ä förnd         | Connected  |   |    |
|                              |  | fig.W003-   | 45 |

The **Card manager** allows you to perform the below operations, regardless if you are using a Clarus Control memory card in an Electrolux USB card reader, or a virtual card in a Virtual reader. (\*.bin file from your hard drive).

| E | dit and create programs       |            |
|---|-------------------------------|------------|
|   | Create a new program          |            |
|   | Read program from card        |            |
| h | Aanage programs on a card     |            |
|   | Save all programs to BIN-file |            |
|   | 🚰 Write card from BIN file    |            |
| [ | Delete program on card        |            |
|   |                               | fig.W00346 |

**Create a new program**: Opens the **Select machine type** window to select a Clarus Control machine file and open it in **Program editor**.

When a Virtual card reader or a Clarus Control Memory card reader is selected, additional options are available.

**Read program from card**: Opens the **Read program from card** dialog and lets you select a program from the memory card or virtual card to be opened in **Program editor**.

Save all programs to BIN-file: Opens the Save card to BIN-file dialog to save the content of a Clarus Memory card into a \*.bin-file that can be stored on your hard drive for later use or to send the content of a memory card as an email attachment. The \*.bin-file can also be opened in the virtual card reader.

Write card from BIN-file: Opens the Write card from BIN-file dialog to write a \*.bin-file that is stored on your hard drive, onto a Clarus Memory card. Note! This operation will overwrite the existing data on the memory card.

**Delete program from card:** Opens the **Delete program from card** dialog to delete a program from a Clarus Memory card or from a Virtual card.

| 🔁 Lock 👩 Unlock 📋 Hardlock | Manage card locks   |
|----------------------------|---------------------|
|                            | Manage virtual card |

**Copy card:** Lets you copy the content from one Clarus memory card to another. See section: Copy a memory card. **Format card:** This operation restores the Memory card to an empty formatted card.

### Note!

#### This operation will remove all existing programs on the memory card.

**Lock, Unlock and Hardlock:** You can lock a memory card from being copied or edited. A locked card can be unlocked by clicking **Unlock**. A hardlocked card can not be unlocked.

**Select, New and Dismount:** These functions are used only by Virtual reader, to select an existing, to create a new, and to dismount a virtual card. Virtual card reader uses \*.bin files as the memory card.

You can perform all actions on a virtual card the same way as on a physical memory card

If you have more than one card reader connected, e.g. ELS USB Card reader and a virtual reader, you will have to select which reader you want to use.

#### Note!

Programs on Clarus Memory card are not tagged with machine model. This means that a program can be opened using wrong machine file. However, LPM limits values that exceed the minimum or maximum allowed in the selected machine file.

Hint! Make a note in each program for which machine model it is intended. Preferably this can be done in the Program free text section. See section: Creating a new program.

# **5.4 Connections**

Connections pane shows information on USB and COM ports (A) as well as connected machines (B).



**Scan for connected machines**: Starts scanning sequence for connected machines on the available ports. This function is also available in Machine view.

**Refresh port list**: This function will refresh the list of available ports. Ports that have been removed (see below) will be added again.

Remove port from list: Will remove the selected port from the Connections pane.

Stop scan: This will stop an ongoing scan sequence

**Clear scan log**: This will clear the logged information from the last scanning sequence.

The Ports list shows information about the available ports on your computer, such as port number, description (from driver), present scan range for machine addresses and port enabled or disabled.

As default all found ports are enabled and Scan range setting is "0", which means connection to an individual machine. The address in the machine is then ignored. Connection can always be established with this setting.

You can disable a port by clicking the **Disabled** (A) field for the port, if you do not want it to be scanned.

It is recommended to disable a port if you know that it will never be used for LPM communication, e.g. ports used for modems, bluetooth or other wireless devices.

Click in the **Enabled** (B) field for a port to enable it again.

If you have machines connected in an ELS Network, you can change the scan range to include several addresses. State individual addresses separated by comma, (1,5,7) or an interval (1-127).

If you change the scan range setting or disable a port, these settings will be kept for next start of LPM.


# 6 Creating or editing program

### 6.1 Creating a new program

- 1. Start in the Machine view, by selecting the machine you want to build the new program for.
- 2. Click Create a new program.

| ELS Laundry Program      |  |            |        | River Com                 |                   |                            |  |
|--------------------------|--|------------|--------|---------------------------|-------------------|----------------------------|--|
| Machine view             |  | -          |        |                           |                   |                            |  |
|                          | Available machine types                            |            |        |                           |                   | Edit and create programs   |  |
| 23                       | Eleventro (154 available)                          |            |        |                           | • <sup>63</sup> ^ | Create a new program       |  |
|                          | Compass Control (78 available)                     |            |        |                           | •0                |                            |  |
|                          | Compass Pro (51 available)                         |            |        |                           | ¢0                | Read program from machine  |  |
| Õ                        | W745   | Wascomat   | Rev: 0 | 🖬 💿 🔟 2012-09-21 13:51:43 | *                 | Open program from file     |  |
|                          | EXSM765  | Wascomat   | Rev: 0 | 🖬 💿 💷 2012-09-21 14:56:36 | ģ ⊨               |                            |  |
| Machine view             | EXSM780  | Wascomat   | Rev: 0 | 🖬 💮 🔠 2012-09-21 15:37:06 | *                 | Open program from database |  |
| ØØ                       | W555H  | Electrolux | Rev: 1 | 🖬 🗇 💷 2012-10-19 10:59:15 | *                 | <u></u>                    |  |
|                          | W565H  | Electrolux | Rev: 0 | 🖬 💿 📖 2012-10-19 10:59:50 | 👷 🛄               |                            |  |
| Card manager             | W575H  | Electrolux | Rev: 0 | 🔟 🔘 🔟 2012-10-19 11:00:27 | *                 |                            |  |
|                          | W5855  | Electrolux | Rev: 0 | 🖬 💿 💷 2012-10-19 12:07:51 | *                 |                            |  |
|                          | W745   | Wascomat   | Rev: 0 | 🖬 💮 🔟 2012-10-19 12:08:25 | *                 |                            |  |
|                          | W5105H   | Electrolux | Rev: 0 | 🔟 💿 🔟 2012-10-19 12:08:53 | *                 |                            |  |
| 1                        | W5105N   | Electrolux | Rev: 0 | 🖬 💿 📖 2012-10-19 12:09:29 | *                 |                            |  |
|                          | W5130H   | Electrolux | Rev: 0 | 🖬 💮 🔟 2012-10-19 12:10:00 | *                 |                            |  |
|                          | W5130N   | Electrolux | Rev: 0 | 🖬 💮 💷 2012-10-19 12:24:25 | ☆                 |                            |  |
|                          | W51305   | Electrolux | Rev: 0 | 🖬 💮 🛄 2012-10-19 12:36:30 | *                 |                            |  |
|                          | W5180H   | Electrolux | Rev: 0 | 🖬 🕥 💷 2012-10-19 12:37:01 | *                 |                            |  |
|                          | W5180N   | Electrolux | Rev: 0 | 🖬 💮 🔟 2012-10-19 13:09:36 | *                 |                            |  |
|                          | W5240H   | Electrolux | Rev: 0 | 🖬 🕥 💷 2012-10-19 13:10:13 | *                 |                            |  |
|                          | W5280X   | Electrolux | Rev: 0 | 🖬 💿 📖 2012-10-19 13:11:11 | -<br>-            |                            |  |
| Connections<br>(1 found) | 🚖 All machines 🚖 My favorites 🔘 Connected machines |            |        | Scan for connected m      | schines           |                            |  |
| D.                       |  | _          |        |                           |                   |                            |  |

- 3. A new empty program will open and be displayed in **My program** pane in **Program editor**.
- 4. Add and edit program modules. See section: Program editor.
- 5. Click the Change name/Free text button (A) to open the dialog.



6. Give your program a new name and add some additional text if needed. When you are creating programs for Clarus control, the **Free text** field can be used to state machine model for which the program is made.

| Program name (max 15 letters)<br>NORMAL 85     | Language selection  |    |
|--|---|----|
| Program free text (max 149 letters on 5 lines) | Language English (United States)  |    |
| NORMAL 85 WITH 3 RINSES<br>MACHINE: W4240H     | Codepage<br>1252<br>In order for the machine display<br>to show characters correct you<br>need to make sure that the<br>language selected above is the<br>same as the language your Clarus<br>Control was designed for. |    |
|  | OK Cancel   |    |
|  | fig.W003  | 53 |

## 6.2 Editing an existing program

### 6.2.1 From an .lpf or .wpf file

An .lpf file is saved to your hard disk and always contains a single program. The file is opened automatically using the machine file it was saved with, but it can be converted to a different machine. See section: Converting an \*.lpf or \*. wpf file to a different machine.

The .wpf format, previously used by Wash Program Manager can also be handled by LPM.

1. Open the File menu and select Open or click the Open program from file button in the Machine view toolbar.

|         | ELS Laundry Program Mana  | lager 6    |
|---------|---------------------------|------------|
|         | File Edit Settings Window | / Help     |
|         | New                       | es: F      |
|         | 🚰 Open                    |            |
|         | 🦉 Open from database      | ible ma    |
|         | 📔 Open recent file 🛛 🕨    | W44001     |
|         | Save                      | W46001     |
|         | Save to database          |            |
|         | Close all                 | W46002     |
|         | 🕘 Print                   | W465H      |
|         | Print settings            | W475H      |
|         | Exit F10                  |            |
|         | ab                        | W475S      |
| -       |                           | fig.W00354 |
|         |                           |            |
| Edit ar | nd create programs        |            |
|         | Create a new progra       | am         |
|         | Read program from o       | card       |
|         |                           |            |

| Open program from file          Open program from database | Read program from card     | J |  |
|--|----------------------------|---|--|
| Open program from database                                 | Open program from file     | ] |  |
|  | Open program from database | ] |  |

2. Highlight the program file you want to edit and click **Open**.

Note that you need to select which type of file you want to open (\*.lpf or \*.wpf) from the file type drop down menu, or select Any files to view all types (A).

| Ead program  |   |                  |                 |   | ×                       |              |
|--|---|------------------|-----------------|---|-------------------------|--------------|
| User is the second seco | <ul> <li>My Documents</li> <li>My Laundry Programs</li> </ul> |                  | _               | <ul> <li>✓ </li> <li>✓ </li></ul> | My Laundry Programs 🖇 🔎 | 2            |
| Organize 👻 New fo  | older   |                  |                 |   | 18 • 🔳 🔞                |              |
| Favorites  | Name  | Date modified    | Туре            | Size  |                         |              |
| 📃 Desktop  | 40° SYNTH.wpf   | 2012-06-07 04:43 | Laundry Program | 1 KB  |                         |              |
| Downloads  | 5 60° NORMAL W4180H.lpf                                       | 2012-06-07 02:34 | Laundry Program | 1 KB  |                         |              |
| Secent Places  | 5° NORMAL W4240H.lpf  | 2012-06-07 02:30 | Laundry Program | 1 KB  |                         |              |
|  | 1 85° NORMAL.wpf  | 2012-06-07 04:41 | Laundry Program | 1 KB  |                         |              |
| 词 Libraries  | 5 90" NORMAL.wpf  | 2012-06-07 04:42 | Laundry Program | 1 KB  |                         |              |
| Documents  | test.bin  | 2012-04-27 15:35 | BIN File        | 8 KB  |                         |              |
| J Music  | =   |                  |                 |   |                         |              |
| E Pictures   |   |                  |                 |   |                         |              |
| Videos   |   |                  |                 |   |                         |              |
| 🖳 Computer   |   |                  |                 |   |                         |              |
| 🚢 Local Disk (C:)  |   |                  |                 |   |                         |              |
| A DVD/CD-RW Driv   |   |                  |                 |   |                         |              |
|  |   |                  |                 |   |                         |              |
| 👊 Network  | +   |                  |                 |   |                         | $\mathbf{r}$ |
| Fil  | e name: 85° NORMAL W4240H.lpf                                 |                  |                 | <ul> <li>Any files</li> </ul>   | (*.*)                   |              |
|  |   |                  |                 | Open  | Cancel                  |              |
| k  |   |                  |                 |   |                         |              |
|  |   |                  |                 |   |                         |              |

- 3. The program will open and be displayed in My program pane in Program editor.
- 4. Add and edit program modules. See section: Program editor.



## 6.2.2 From a memory card (only Clarus Control)

1. Go to the **Card manager** and select the card reader you want to read from. (Electrolux ELS Card reader or Virtual reader).

2. Click Read program from card in the toolbar or double click the Card Reader.

| ELS Laundry Program  | n Manager 6   |                                  |   |            |
|----------------------|---|----------------------------------|---|------------|
| File Edit Settings W | indow Help  |                                  |   |            |
| Card manager         |   |                                  |   |            |
|                      | Available card readers Virtual Reader ()  Electrolux ELS WPM Card Reader () | Free card space 38 % Programs: 2 | Edit and create programs<br>Create a new program<br>Read program from card<br>Manage programs on a card<br>Save all programs to BIN-file<br>Write card from BIN file<br>Delete program on card<br>Manage card<br>Copy card<br>Format card<br>Manage card<br>Manage card<br>Manage card<br>Manage Copy card<br>Manage Copy card<br>Manage Copy card<br>Manage card |            |
| Connections          | Connected   |                                  |   |            |
|                      |   |                                  |   | fig.W00357 |

As programs on a memory card does not contain information about what machine type it was originally made for, you must select the proper model from the Select machine type window.

3. In the Select machine type window, double click on correct machine type, or select and click OK.

| Clarus Control  |            |        |                      |                     | <u>^</u> | ОК     |
|-----------------|------------|--------|----------------------|---------------------|----------|--------|
| EXSM230         | Electrolux | Rev: 5 | ⊌⊚⊎                  | 2008-12-16 11:49:13 | ☆ =      | Cancel |
| EXSM350         | Electrolux | Rev: 5 | ⊎⊙⊎                  | 2008-12-16 11:50:03 | \$       |        |
| FAG 3105N       | Electrolux | Rev: 7 | ⊎⊙⊎                  | 2008-12-16 13:46:10 | \$       |        |
| FAG 3130N       | Electrolux | Rev: 7 | <b>U</b> () <b>U</b> | 2008-12-16 13:50:43 | \$       |        |
| FAG 3180N       | Electrolux | Rev: 7 | <b>U</b> () <b>U</b> | 2008-12-16 13:51:22 | \$       |        |
| FAG 3250N       | Electrolux | Rev: 7 | <b>U</b> () <b>U</b> | 2008-12-16 13:51:59 | \$       |        |
| FAG 3330N       | Electrolux | Rev: 7 | <b>U</b> () <b>U</b> | 2008-12-16 13:52:57 | \$       |        |
| FAS 3105H       | Electrolux | Rev: 8 | <b>U</b> () <b>U</b> | 2008-12-16 13:53:37 | \$       |        |
| FAS 3130H       | Electrolux | Rev: 8 | <b>U</b> () <b>U</b> | 2008-12-16 13:54:22 | \$       |        |
| FAS 3180H       | Electrolux | Rev: 9 | <b>U</b> () <b>U</b> | 2008-12-16 13:55:11 | \$       |        |
| FAS 3240H       | Electrolux | Rev: 9 | ⊎⊙⊎                  | 2008-12-16 13:55:47 | 畲        |        |
| FAS 3300H       | Electrolux | Rev: 5 | ⊎⊚⊎                  | 2008-12-16 13:57:03 | 黨        |        |
| FAS-FASA-3-1080 | Electrolux | Rev: 8 | ⊎⊙⊎                  | 2008-04-16 11:17:15 | 畲        |        |
| FAS-FASA-3-230  | Electrolux | Rev: 8 | ⊎⊚⊎                  | 2008-04-16 11:11:30 | 黨        |        |
| FAS-FASA-3-340  | Electrolux | Rev: 8 | ⊎⊚⊎                  | 2008-04-16 11:12:40 | ☆        |        |
| FAS-FASA-3-470  | Electrolux | Rev: 8 | <b>⊎</b> ⊙ <b>⊎</b>  | 2008-04-16 11:13:44 | ☆ -      |        |

4. A list will now appear showing the programs available on the memory card.

5. Select the program to be edited and click **Read**.

| 0         | Electrolux ELS 1                    | WPM Card Rea | der 0 |          |   |
|-----------|-------------------------------------|--------------|-------|----------|---|
| Number    | Name                                | Format       | Size  | Checksum | - |
| 001       | WOOL PULLOVER                       | Normal       | 250   | 0D4Ah    |   |
| 002       | WOOL GARMENT                        | Normal       | 249   | 0D41h    |   |
| 003       | WOOL COAT                           | Normal       | 246   | 0C70h    | Ξ |
| 004       | SILK-VISCOSE                        | Normal       | 249   | 0D4Fh    |   |
| 005       | RAINCOAT                            | Normal       | 245   | 0C66h    |   |
| 006       | WEDDING DRESS                       | Normal       | 268   | 0D51h    |   |
| 007       | DUVET                               | Normal       | 242   | 0C7Ah    |   |
| 008       | WOOL BLANKET                        | Normal       | 249   | 0D81h    |   |
| 009       | SYNTHETIC FUR                       | Normal       | 250   | 0D37h    |   |
| 010       | CURTAINS                            | Normal       | 245   | 0D49h    |   |
| 011       | SKIING WEAR                         | Normal       | 261   | 0E92h    |   |
| 012       | DELICATE SILK                       | Normal       | 248   | 0CD0h    |   |
| 021       | 1/2WOOLPULLOVER                     | Normal       | 264   | 0C3Eh    | - |
| Number    | 008                                 |              |       | Delete   |   |
| Name      | WOOL BLANKET                        |              |       |          |   |
| Free text | WOOLMARK<br>W4240H<br>120207 REV 00 |              |       | Cancel   | d |

- 6. The selected program will open and be displayed in My program pane in Program editor.
- 7. Add and edit program modules. See section: Program editor.

| -                        | Manager 6 - [W4240H/WOOL BL             | ANKET]   | Mines a second as |                             |
|--------------------------|---|--|-------------------|-----------------------------|
| File Edit Program S      | ttings Window Help                      |  |                   |                             |
| Program editor           | Save program to file                    | Write program to card                          |                   | × Close                     |
|                          | Sequence database                       | WOOL BLANKET                                   |                   | My program                  |
| -0                       | 📋 Database manager   💷   🦄              | Revert to default value   Solution Undo change |                   | 🥥 Add 🗸 📄 🖄 🔝 🦺             |
|                          | ▼                                       | 🥪0 - Head                                      |                   | ◆                           |
|                          | Head     Prewash                        | Start Extraction                               | C Off             | ■ ► W Mainwash              |
| Õ                        | Mainwash                                | Buzzer at Program end                          | 📝 On              | Mainwash                    |
|                          | 🕨 🟥 Rinse                               | Motor Gentle Action On Time                    | 00:05             | Drain                       |
| Machine view             | Rinse Repeat                            | Motor Gentle Action Off Time                   | 00:25             | Rinse                       |
|                          | ▶ 🔲 Soak                                | Motor Normal Action On Time                    | 00:00             | Drain                       |
| -                        | <ul> <li>Cool</li> <li>Unain</li> </ul> | Motor Normal Action Off Time                   | 00:00             | Binse     Drain             |
| 6                        | O Spin                                  | 山1 - Mainwash(1)                               |                   | B Spin                      |
|                          | nd End                                  | Pause Before Wash                              | C Off             | ₩ End                       |
| Card manager             | ▼ 🧧 WOOL BLANKET                        | Wash Time In Min:Sec                           | 01:00             |                             |
|                          | 👼 Head                                  | Temperature                                    | 31°C              |                             |
| 6                        | Mainwash     Mainwash                   | Temperature Hystereses                         | 2°C               |                             |
|                          | Drain                                   | Max Temp. Increase per min                     | 10°C              |                             |
| Program editor           | Rinse                                   | First Fill Level (Scale Units)                 | 117               |                             |
|                          | 🕨 🛃 Drain                               | First Fill Level (Litre)                       | 114               |                             |
|                          | 🕨 🛗 Rinse                               | First Fill Level (mm)                          | 322               |                             |
|                          | <ul> <li>Drain</li> <li>Opin</li> </ul> | Second Fill Level (Scale Units)                | 117               |                             |
|                          | End                                     | Second Fill Level (Litre)                      | 114               |                             |
|                          |   | Second Fill Level (mm)                         | 322               |                             |
|                          |   | Level Hystereses (Scale Units)                 | 20                |                             |
|                          |   | Cold Water                                     | ☑ On              |                             |
|                          |   | Hot Water                                      | ☑ On              |                             |
|                          | 1                                       | Cold Hard Water                                | C Off             |                             |
| -                        | Sequence information                    | Water 1 Tank                                   | Cont Cont         | Current Program (249 Bytes) |
| 2                        | Name -<br>Size -                        | Water 1 Tank<br>Water 2 Tank                   | C Off             | 20%                         |
| Connections<br>(1 found) | Size -                                  | Water 2 Tank                                   | <b></b>           | - I - I                     |
| (1 tound)                | 🔠 Default data                          | WOOL BLANKET                                   |                   | WOOL BLANKET                |
| <b>⊴</b> ∙               |   |  |                   |                             |
|                          |   |  |                   |                             |
|                          |   |  |                   |                             |

## 6.2.3 From a .bin file (only Clarus Control)

There are two ways to open a program from a .bin file:

- Write the .bin file to a memory card and then open the program.
- Open the .bin file using a virtual reader.

### 6.2.3.1 Write the .bin file to a memory card

- 1. Go to the Card manager and select the Memory card reader you want to read from.
- 2. Click Write card from bin file in the toolbar.



3. In the **Load program** window, double click on correct \*.bin file, or select and click **Open**.

4. Once the \*.bin file is written to the memory card, follow steps in: From a memory card.

|  | My Documents > My Laundry Programs |                  | -               | ✓ <sup>4</sup> y Sear | rch My Laundry Programs 🔎    |
|--|------------------------------------|------------------|-----------------|-----------------------|------------------------------|
| Organize 🔻 New fold  |                                    |                  |                 |                       | ie 🕶 🛄 🔞                     |
| 🔶 Favorites 🔶  | Name                               | Date modified    | Туре            | Size                  |                              |
| 📃 Desktop  | 🖏 40° SYNTH.wpf                    | 2012-06-07 04:43 | Laundry Program | 1 KB                  |                              |
| 🚺 Downloads  | NORMAL W4180H.lpf                  | 2012-06-07 02:34 | Laundry Program | 1 KB                  |                              |
| 💹 Recent Places  | 85° NORMAL W4240H.lpf              | 2012-06-07 02:30 | Laundry Program | 1 KB                  |                              |
| Contraction of the local distribution of the | 85° NORMAL.wpf                     | 2012-06-07 04:41 | Laundry Program | 1 KB                  |                              |
| 词 Libraries  | 1 90° NORMAL.wpf                   | 2012-06-07 04:42 | Laundry Program | 1 KB                  |                              |
| Documents Music Fictures Computer Computer Computer Cond Disk (C:) DVD/CD-RW Driv RN Network   | L test.bin                         | 2012-04-27 15:35 | BIN File        | 8 KB                  |                              |
| File r   | name: W4180Hbin                    |                  |                 |                       | iles (*.*) ▼<br>pen ▼ Cancel |

### 6.2.3.2 Open the .bin file in virtual card reader

1. Go to the Card manager and select Virtual reader (A). Click Select to open the Select virtual card dialog (B).

| Els Laundry Program Manager 6<br>File Edit Settings Window Help<br>Card manager<br>Available card readers<br>Virtual Reader (Laundry W4240H.bin)<br>Card manager<br>Card manager<br>Card manager | Free card space: 20 % Programs: 24 |
|--|------------------------------------|

Select the \*.bin file you want to use as Virtual card, and click "Open". If you already have a \*.bin file connected to your Virtual card reader, it will be dismounted and the selected \*.bin file will be connected instead.
 Once the \*.bin file is visible in the Virtual reader, follow steps in section From a memory card.

| Select virtual card                                 |                                       |   |  |                                      |                           | x   |        |      |
|---|---------------------------------------|---|--|--------------------------------------|---------------------------|-----|--------|------|
| 🕞 🕘 = 🕌 + user + My Documents + My Laundry Programs |                                       |   |  |                                      | n My Laundry Program      | s p |        |      |
| Organize - New folder                               |                                       |   |  |                                      | 11 · []]                  | 0   |        |      |
| Favorites Name Desktop Downloads te                 | aundry W4240H.bin<br>st.bin           | Date modified<br>2012-05-09 16:28<br>2012-04-28 00:35<br>2012-04-28 00:35<br>2012-09-26 11:47 | Type<br>BIN File<br>BIN File<br>BIN File | Size<br>8 KB<br>8 KB<br>8 KB<br>8 KB |                           |     |        |      |
| 📭 Network 👻   | Users\user\Decuments\My Laundry Progr | ams\W4850H std.bin  | 2  | Binary f     Op                      | file (".bin)<br>sen Cance | •   |        |      |
|   |                                       |   |  |                                      |                           |     | fig.W0 | 0363 |

## 6.2.4 From a program device (only Compass Control and Compass Pro)

Editing programs for Compass Control and Compass Pro is normally done in the CPU itself and requires that your computer is connected to the powered-up program device. See sections: Scanning for connected machines. 1. Go to the **Machine view** and select the connected machine you want to read from.

2. Click Read program from machine in the toolbar.

| Machine view             | Favorites: Favorites 1                      | •          | -      |                      |                       |                   |  |
|--------------------------|---|------------|--------|----------------------|-----------------------|-------------------|--|
|                          | Available machine types                     |            |        |                      |                       |                   | Edit and create programs               |
|                          | Clarus Control (165 available)              |            |        |                      |                       | \$ <sup>3</sup> ▲ | Create a new program                   |
|                          | Compass Control (80 available)              |            |        |                      |                       | \$3               |  |
|                          | 4 💶 🗣 🔺 Compass Pro (21 available)          |            |        |                      |                       | \$                | Read program from machine              |
| Ö                        | T5130                                       | Electrolux | Rev: 0 | ⊎⊚⊎                  | 2012-05-29 15:08:12   | *                 | Open program from file                 |
|                          | T5130C                                      | Electrolux | Rev: 0 | U 🗿 U                | 2012-05-29 15:01:27   | 숥                 | Gpen program from the                  |
| Machine view             | T5290                                       | Electrolux | Rev: 0 | ⊎⊚⊎                  | 2012-05-25 10:22:48   | *                 | Open program from database             |
| 10                       | T5550                                       | Electrolux | Rev: 0 | U 🕢 U                | 2012-05-25 09:25:14   | *                 | Manage programs on a machine           |
|                          | T5675                                       | Electrolux | Rev: 0 | U 🖸 U                | 2012-05-25 09:26:21   | *                 | Save program to file                   |
| Card manager             | TD35  | Wascomat   | Rev: 0 | U 🕜 U                | 2012-05-25 09:27:36   | ☆ =               | Download programs and create a library |
| 9                        | TD67  | Wascomat   | Rev: 0 | U 🕜 U                | 2012-05-25 09:28:29   | \$                |  |
|                          | TD83  | Wascomat   | Rev: 0 | U 🕜 U                | 2012-05-25 09:39:24   | ⋧                 | Upload programs from a library         |
|                          | W5105N                                      | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-08-20 16:28:07   | ☆                 | Manage active programs on machine      |
|                          | W5130N                                      | Electrolux | Rev: 0 | <b>U</b> ()          | 2012-08-20 16:29:52   | \$                | Erase programs on machine              |
|                          | W5180H                                      | Electrolux | Rev: 0 | <b>⊎</b> ⊚⊎          | 2012-09-07 14:10:51   | \$                | Erase programs on machine              |
|                          | W5240H                                      | Electrolux | Rev: 0 | <b>U</b> 🛈 🗉         | 2012-08-24 15:10:47   | \$                | Connection settings                    |
|                          | O W555H [USB12:0]                           | Electrolux | Rev: 0 | ⊎⊙⊎                  | 2012-05-25 10:21:10   | *                 | Software transfer baudrate 230400 bps  |
|                          | W565H                                       | Electrolux | Rev: 0 | <b>U</b> () U        | 2012-08-20 16:24:19   | *                 |  |
|                          | W575H                                       | Electrolux | Rev: 0 | <b>U</b> ()          | 2012-08-20 16:21:00   | 会                 |  |
|                          | WS5180H                                     | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 16:49:57   | 숯                 |  |
|                          | WS5250H                                     | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 16:50:16   | \                 |  |
| Connections<br>(1 found) | 🙀 All machines 🚖 My favorites 🔘 Connected m | achines    |        | <b>C</b> 22          | Scan for connected ma | achines           |  |

- 3. A list will now appear showing the programs available in the machine memory.
- 4. Select the program to be edited and click **Read**.

| 0        | W555H - [USB: | 12 / addr: 0] |        |           | 8   |
|----------|---------------|---------------|--------|-----------|-----|
| Number   | Name          | Lock          | Active | Creator   |     |
| 001      | NORMAL 30     |               | 🚖 Ac   | 🚮 Factory |     |
| 002      | NORMAL 40     |               | 🙀 Ac   | 🚮 Factory | 1   |
| 003      | NORMAL 40     |               | 🚖 Ac   | Factory   |     |
| 004      | NORMAL 60     |               | 📩 Ac   | 🚮 Factory |     |
| 005      | NORMAL 60     |               | 📩 Ac   | 🚮 Factory |     |
| 006      | NORMAL 95     |               | 🙀 Ac   | G Factory |     |
| 007      | MILD 60       |               | 🔆 Ac   | 付 Factory | :   |
| 008      | MILD 40       |               | 🔆 Ac   | 付 Factory |     |
| 009      | DELICATE 30   |               | 🔆 Ac   | 付 Factory |     |
| 010      | HANDWASH      |               | 🙀 Ac   | 付 Factory |     |
| 011      | WOOL 40       |               | 🔆 Ac   | 付 Factory |     |
| 012      | RINSE         |               | 🔆 Ac   | 🚮 Factory |     |
| 013      | DRUM RINSE    |               | ŝ      | 🚰 Factory |     |
| 014      | MACHINE CLEAN |               | ŵ      | 付 Factory |     |
| 015      | NORMAL 40     |               | ŵ      | 付 Factory |     |
| 016      | NORMAL 60     |               | ŵ      | 🚮 Factory |     |
| 017      | NORMAL 95     |               | ŵ      | 🚮 Factory |     |
| 018      | SYNTH. 40     |               | \$     | 🚮 Factory |     |
| Language | English (US)  |               | į.     | -         |     |
| Number   | 005           |               |        | Re Re     | ead |
| Name     | NORMAL 60     |               |        | Can       | cel |

- 5. The selected program will open and be displayed in My program pane in Program editor.
- 6. Add and edit program modules. See section: Program editor.

# User manual

| File Edit Program Settings  | Window Help                                   |  |                        |                |  |  |  |
|---|---|--|------------------------|----------------|--|--|--|
| Program editor  | Save program to file                          | Write program to machine                   | Manage active programs | Erase programs | × Close  |  |  |
| Seque   | nce database                                  | No extract 85                              |                        |                | My program   |  |  |
| 🛂 🗍 🗍 Da  | tabase manager 🛛 🗐 🗎                          | 🖄 🛛 🖏 Revert to default value   🐜 Undo cha | nge                    |                | 📁 Add 🗸   🛄   🖄   🔝  |  |  |
| - I - I   | Default data                                  | <b>₽</b> 0 - Head                          |                        |                | No extract 85  |  |  |
|   | 🥪 Head  | Count weight                               |                        | 🔽 On           | E Head   |  |  |
|   | U Prewash<br>Mainwash                         | Start Extraction                           |                        | Cff            | Mainwash   |  |  |
|   | iii Rinse                                     | Buzzer at Program end                      |                        | 🔽 On           | ► ₩ Mainwash   |  |  |
| Machine view  | Pre-Rinse                                     | Powder, flush valve from wash program      |                        | 🔽 On           | Mainwash   |  |  |
|   | 🔲 Soak  | Liquid, flush main cold water valve        |                        | 🔽 On           | ► Ш Mainwash   |  |  |
|   | * Cool  | Motor action 1 on time, CW                 |                        | 00:06          | Drain  |  |  |
|   | <ul> <li>Drain</li> <li>Extraction</li> </ul> | Motor action 1 on time, CCW                |                        | 00:06          |  |  |  |
|   | End End                                       | Motor action 1 off time                    |                        | 00:18          | Drain  |  |  |
| Card manager 🖉 🚽 👩  | No extract 85                                 | Motor action 2 on time, CW                 |                        | 00:15          |  |  |  |
|   | 🥪 Head  | Motor action 2 on time, CCW                |                        | 00:15          | 🕨 🛗 Rinse  |  |  |
|   | U Mainwash                                    | Motor action 2 off time                    |                        | 00:04          | 🕨 🕒 Drain  |  |  |
| And Party and Address of Address | Mainwash Mainwash                             | Motor action 3 on time, CW                 |                        | 00:08          | <ul> <li>The matrix of the matrix of the</li></ul> |  |  |
|   | III Mainwash                                  | Motor action 3 on time, CCW                |                        | 00:08          |  |  |  |
|   | U Mainwash                                    | Motor action 3 off time                    |                        | 00:07          |  |  |  |
| •   | 🛃 Drain                                       | Motor action 4 on time, CW                 |                        | 00:00          |  |  |  |
| •   | Extraction                                    | Motor action 4 on time, CCW                |                        |                |  |  |  |
|   | 🟥 Rinse<br>🛃 Drain                            | Motor action 4 off time                    |                        | 00:03          |  |  |  |
|   | Extraction                                    | Motor action 5 on time, CW                 |                        | 00:00          |  |  |  |
| •   | 🛗 Rinse                                       | Motor action 5 on time, CCW                |                        | 00:00          |  |  |  |
|   | 🛃 Drain                                       | Motor action 5 off time                    |                        | 00:03          |  |  |  |
| •   | <ul> <li>Extraction</li> <li>End</li> </ul>   | 山1 - Mainwash(1)                           |                        |                |  |  |  |
|   |   | Reheat                                     |                        | 🔽 On           |  |  |  |
| Sequ  | ence information                              | Module heated                              |                        |                | Current Program (517 Byte  |  |  |
| Nam   |   | Pause Before Wash                          |                        | C Off          | 21%  |  |  |
| Connections Size  | -   | Wash time before heat (Min:Sec)            |                        | 00:00          | *  |  |  |
| (2 found)   | fault data                                    | No extract 85                              |                        |                | No extract 85  |  |  |

## 6.2.5 From a program library file, \*.wpl. (only Compass Control and Compass Pro)

A program cannot be opened directly in a \*.wpl file. Instead, in order to edit a program in a library file, it first has to be uploaded to the program device.

- 1. Go to the **Machine view** and select the connected machine you want to read from.
- 2. Click Upload programs from library in the toolbar.

| File Edit Settings \ |   |               |        |                      |                       |          |   |
|----------------------|---|---------------|--------|----------------------|-----------------------|----------|---|
| Machine view         | Favorites: Favorites 1  | •             |        |                      |                       |          |   |
|                      | Available machine types   |               |        |                      |                       |          | Edit and create programs                |
| -9                   | Clarus Control (165 available)     Compass Control (80 available) |               |        |                      |                       | <b>€</b> | Create a new program                    |
|                      |   |               |        |                      |                       |          | Read program from machine               |
|                      | T5130   | Electrolux    | Rev: 0 |                      | 2012-05-29 15:08:12   | -        | Read program from machine               |
|                      |   |               |        |                      |                       | _        | Open program from file                  |
|                      | T5130C  | Electrolux    | Rev: 0 | U 🕜 U                | 2012-05-29 15:01:27   | \$       |   |
| Machine view         | T5290   | Electrolux    | Rev: 0 | U 🕜 U                | 2012-05-25 10:22:48   | *        | Open program from database              |
|                      | T5550   | Electrolux    | Rev: 0 | U 🕜 U                | 2012-05-25 09:25:14   | *        | Manage programs on a machine            |
| 6                    | T5675   | Electrolux    | Rev: 0 | U 🕜 U                | 2012-05-25 09:26:21   | *        | Save program to file                    |
| Card manager         | TD35  | Wascomat      | Rev: 0 | U 🕜 U                | 2012-05-25 09:27:36   | ☆_       | Download programs and create a library  |
|                      | TD67  | Wascomat      | Rev: 0 | U 🕜 U                | 2012-05-25 09:28:29   | \$       |   |
|                      | TD83  | Wascomat      | Rev: 0 | U 🕜 U                | 2012-05-25 09:39:24   | \$       | Upload programs from a library          |
|                      | W5105N  | Electrolux    | Rev: 0 | 🖬 💮 🖽                | 2012-08-20 16:28:07   | \$       | Manage active programs on machine       |
|                      | W5130N  | Electrolux    | Rev: 0 | <b>U</b> 🛈           | 2012-08-20 16:29:52   | \$       |   |
|                      | W5180H  | Electrolux    | Rev: 0 | <b>U</b>             | 2012-09-07 14:10:51   | \$       | Erase programs on machine               |
|                      | W5240H  | Electrolux    | Rev: 0 | <b>U</b> ()          | 2012-08-24 15:10:47   | \$       | Connection settings                     |
|                      | O W555H [USB12:   | 0] Electrolux | Rev: 0 | ⊌⊙⊎                  | 2012-05-25 10:21:10   | *        | Software transfer baudrate 230400 bps 🔻 |
|                      | W565H   | Electrolux    | Rev: 0 | <b>⊌</b> ⊙ ⊎         | 2012-08-20 16:24:19   | \$       |   |
|                      | W575H   | Electrolux    | Rev: 0 | <b>U</b> ()          | 2012-08-20 16:21:00   | ☆        |   |
|                      | WS5180H   | Electrolux    | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 16:49:57   | ☆        |   |
|                      | WS5250H   | Electrolux    | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 16:50:16   | ☆.       |   |
| Connections          | 👷 All machines 🙀 My favorites 🔘 Connecte                          | d machines    |        |                      |                       |          |   |
| (1 found)            |   |               |        | 3                    | Scan for connected ma | achines  |   |

3. In the Select library file window, select the \*.wpl file you want to upload, and click Open.

| 🗳 Select library file  | and install \$2 and \$200         |                  |                 |                           | X                              | Ŋ              |
|--|-----------------------------------|------------------|-----------------|---------------------------|--------------------------------|----------------|
| User > M   | y Documents 🔸 My Laundry Programs |                  |                 | <b>- - +</b> <del>y</del> | Search My Laundry Programs 👂   | 1              |
| Organize 🔻 New folder  |                                   |                  |                 |                           | · · · ·                        |                |
| 🔆 Favorites  | Name                              | Date modified    | Туре            | Size                      |                                |                |
| 📃 Desktop  | J T5290 library.wpl               | 2012-09-25 16:39 | Windows Media p | 32 KB                     |                                |                |
| 📕 Downloads  | 🕨 W555H Hygiene.wpl               | 2012-09-26 15:12 | Windows Media p | 21 KB                     |                                |                |
| 🔛 Recent Places  |                                   |                  |                 |                           |                                |                |
| Charles Street S |                                   |                  |                 |                           |                                |                |
| 词 Libraries  |                                   |                  |                 |                           |                                |                |
| Documents  |                                   |                  |                 |                           |                                |                |
| J Music ■ Pictures   |                                   |                  |                 |                           |                                |                |
| Videos   |                                   |                  |                 |                           |                                |                |
|  |                                   |                  |                 |                           |                                |                |
| 🜉 Computer   |                                   |                  |                 |                           |                                |                |
| 🚢 Local Disk (C:)  |                                   |                  |                 |                           |                                |                |
| BVD/CD-RW Driv   |                                   |                  |                 |                           |                                |                |
| The second se  |                                   |                  |                 |                           |                                |                |
| 📬 Network 👻  |                                   |                  |                 |                           |                                |                |
| File nar   | me: W555H Hygiene.wpl             |                  |                 | •                         | Wash program library (*.wpl) 🔹 |                |
|  |                                   |                  |                 |                           | Open Cancel                    |                |
|  |                                   |                  |                 |                           |                                | a<br>fig.W0036 |

It will take a few seconds to read the information in the \*.wpl file and in the connected machine. A window will open and the information will be presented.

4. In the **Upload library programs to machine** window, select one, more or all programs in the \*.wpl file to be uploaded.

5. Click Upload programs. Note that all programs that you write to the program device will be activated automatically. You can deactivate programs using Manage activated programs function later on.

6. Select the program you want to edit, following the steps in section: From a program device.

| 值 Library  |   |  | 👩 Machine  | 2   |                         |                              |      |
|--|---|--|--|---|-------------------------|------------------------------|------|
| Library <i></i> Load li  | brary   🜖 Details   🗛 Chang                         | e codepage                               | 0  | W555H - [USB12 / ad   | dr: 0]                  | <b> </b>                     | R    |
| Machine:<br>Manufacturer:<br>Model:<br>Structure:<br>Description   | Electrolux/W555H<br>9<br>1<br>3                     |  | Machine:<br>Manufactu<br>Model:<br>Structure:<br>Languages   | 1   |                         |                              |      |
|  |   |  | LCID   | Language  |                         | Codepage                     |      |
|  |   |  | 1033<br>1053<br>1044<br>1036   | English (US)<br>Swedish (SE)<br>Norwegian (Bokmål) (M<br>French (FR)  | NO)                     | 1252<br>1252<br>1252<br>1252 | *    |
| Programs in lil  | orary   |  | Programs   | in machine  |                         |                              |      |
| Image: wide         Number           ♥         ©         041           ♥         ©         042           ♥         ©         043 | Name<br>LIGHT SOIL 40<br>NORMAL 72<br>HEAVY SOIL 85 | Codepage<br>1252<br>1252<br>1252<br>1252 | Number           ©         041           ©         042           ©         043           ©         044           ©         045           ©         046           ©         047           ©         048           ©         048           ©         049           ©         050           ©         051 | Name<br><empty slot=""><br/><empty slot=""></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty> | Lock A                  | tive                         | 4 H  |
| Creation date:   | 2012-09-26 15:11:58                                 |  | Verwrite   | e existing programs if sar  | m <mark>e n</mark> umbe | er                           |      |
| Select all   | programs  |  |  | Upload progr  | rams                    | Cance                        | el 📄 |
|  |   |  | 15 Progr   | ams   |                         | Used 10                      | 00%  |

In order to upload programs to machine, the library information about machine model, manufacturer and structure must match what is contained in the machine. The codepage (font table) stated in the library, must also be present in the machine. If there is a mismatch between \*.wpl file and machine, the upload will be interrupted and a message shown.

| Can't write library, machine type mismatch  |           |
|---|-----------|
| The library you are trying to upload is not intended/created<br>for the machine that is currently connected to LPM<br>The library was created for a "Electrolux/T5290"<br>But the connected machine is a "Electrolux/W555H" |           |
| ОК  | fig.W0036 |

### 6.2.6 From Sequence database

The **Sequence database** contains as default the factory set of program modules (**Default data**). These can not be changed or deleted, but you can use the modules to build a new program. However, user made program sequences that have been saved to the **sequence database** using the **Save to database** function can be deleted or edited.

- 1. Go to the Machine view and select the machine you want to create a program for.
- 2. Click Open program from database in the toolbar.

| ELS Laundry Program      |   |              |        | River Common              | -                                  |          |                            |
|--------------------------|---|--------------|--------|---------------------------|------------------------------------|----------|----------------------------|
| File Edit Settings Wi    |   |              |        |                           |                                    |          |                            |
| Machine view             |   | • • -        |        |                           |                                    |          |                            |
|                          | Available machine types                                       |              |        |                           |                                    |          | create programs            |
|                          | Clarus Control (154 available)                                |              |        |                           | ◆ <sup>□</sup> ^<br>◆ <sup>□</sup> |          | Create a new program       |
|                          | Compass Control (78 available)     Compass Pro (51 available) |              |        | •                         | <b>₽</b>                           |          | Read program from machine  |
|                          | W745  | Wascomat R   | Rev: 0 |                           | *                                  |          | Read program from machine  |
| Õ                        | EXSM765   |              | Rev: 0 | ■ ○ □ 2012-09-21 14:56:36 | <br>☆ =                            | <b>2</b> | Open program from file     |
| Machine view             | EXSM780   |              | Rev: 0 | ■ ○ Ⅲ 2012-09-21 15:37:06 |                                    | -        | Open program from database |
| -                        | W555H   | Electrolux R | Rev: 1 | 🖬 💮 💷 2012-10-19 10:59:15 | *                                  |          |                            |
|                          | W565H   | Electrolux R | Rev: 0 | 🖬 💮 🔟 2012-10-19 10:59:50 | *                                  |          |                            |
| Card manager             | W575H   | Electrolux R | Rev: 0 | 🖬 💿 🔟 2012-10-19 11:00:27 | *                                  |          |                            |
|                          | W585S   | Electrolux R | Rev: 0 | 🖬 🕥 🔟 2012-10-19 12:07:51 | *                                  |          |                            |
|                          | W745  | Wascomat R   | Rev: 0 | 🖬 💿 🔟 2012-10-19 12:08:25 | \$                                 |          |                            |
|                          | W5105H  | Electrolux R | Rev: 0 | 🖬 💿 🔟 2012-10-19 12:08:53 | *                                  |          |                            |
|                          | W5105N  | Electrolux R | Rev: 0 | 🖬 💿 🔟 2012-10-19 12:09:29 | *                                  |          |                            |
|                          | W5130H  | Electrolux R | Rev: 0 | 🖬 💿 🔟 2012-10-19 12:10:00 | *                                  |          |                            |
|                          | W5130N  | Electrolux R | Rev: 0 | 🔟 💿 🔟 2012-10-19 12:24:25 | \$                                 |          |                            |
|                          | W5130S  | Electrolux R | Rev: 0 | 🔟 💿 🔟 2012-10-19 12:36:30 | 会                                  |          |                            |
|                          | W5180H  | Electrolux R | Rev: 0 | 🖬 💿 🔟 2012-10-19 12:37:01 | *                                  |          |                            |
|                          | W5180N  | Electrolux R | Rev: 0 | 🖬 💿 🔟 2012-10-19 13:09:36 | \$                                 |          |                            |
| ,                        | W5240H  | Electrolux R | Rev: 0 | 🔟 💮 🔟 2012-10-19 13:10:13 | *                                  |          |                            |
| 2                        | W5280X  |              | Rev: 0 | 🖬 🕥 🔟 2012-10-19 13:11:11 | ģ -                                |          |                            |
| Connections<br>(1 found) |   |              |        | Scan for connected ma     | chines                             |          |                            |
| 8                        |   |              |        | _                         |                                    |          |                            |
|                          |   |              |        |                           |                                    |          |                            |

3. Select the database file you want to use as a template, and click **Open**.

| 🌀 Open data      | base program                  | -        | ×          |          |
|------------------|-------------------------------|----------|------------|----------|
| Availible pro    | grams for selected n          | nachine  |            |          |
| Number           | Name                          | Steps    | Size       |          |
| 001<br>001       | Default data<br>No extract 85 | 15<br>15 | 491<br>517 |          |
| Machine<br>W555H |                               | ОК       | Cancel     |          |
|                  |                               |          |            | fig.W003 |

- 4. The selected program will open and be displayed in My program pane in Program editor.
- 5. Add and edit program modules. See section: Program editor.



# 7 Deleting program

# 7.1 \*.lpf or \*.wpf file

From an Explorer Window, open the folder in which the program is located. Select the program and click the **Delete** button on your keyboard.

| Organize 🔻 📓 open 🔻 Share with 👻  | Burn New folder   |  |   |                               | • | ? |
|---|---|--|---|-------------------------------|---|---|
| <ul> <li>Program Files</li> <li>Program Files (x86)</li> <li>Program Files (x86)</li> <li>ProgramData</li> <li>Default</li> <li>Default</li> <li>Default</li> <li>Default</li> <li>Default</li> <li>Default</li> <li>Local</li> <li>Local Local</li> <li>LocalLow</li> <li>Reaming</li> <li>LocalLow</li> <li>Reaming</li> <li>LocalLow</li> <li>Reaming</li> <li>LocalLow</li> <li>Media Center Program Manager</li> <li>Media Center Programs</li> <li>Microsoft</li> <li>DopenOffice.org</li> <li>Contacts</li> <li>Downloads</li> <li>Favorites</li> <li>Links</li> <li>Downloads</li> <li>Electrolux</li> <li>Electrolux</li> <li>ELS Common Service Tool</li> <li>My Laundry Programs</li> <li>My Nusic</li> <li>My Videos</li> </ul> | Name<br>More 40° SYNTH.wpf<br>Sof NORMAL W4180H.lpf<br>Sof NORMAL.wpf<br>Sof NORMAL.wpf<br>Fill library 15 prog.wpl<br>HEAVY SOIL 85.lpf<br>Laundry W4240H.bin<br>NORMAL 95.lpf<br>F3550 library.wpl<br>W4550H std.bin<br>W4550H std.bin<br>W4850H std.bin<br>Warning.png | Date modified           2012-06-07 13:43           2012-06-07 11:34           2012-06-07 11:34           2012-06-07 13:341           2012-06-07 13:342           2012-09-26 15:35           2012-09-26 15:35           2012-09-26 15:35           2012-09-26 15:44           2012-09-26 15:42           2012-09-26 15:43           2012-09-26 11:47           2012-09-25 10:39 | Type<br>Laundry Program<br>Laundry Program<br>Laundry Program<br>Laundry Program<br>BIN File<br>Laundry Program<br>BIN File<br>Laundry Program<br>Windows Media p<br>Windows Media p<br>BIN File<br>PNG image | 2 KB<br>8 KB<br>1 KB<br>32 KB |   |   |

## 7.2 From a memory card (only Clarus Control)

- 1. Go to Card Manager and select the reader in which the program is located.
- 2. Click Delete program on card.



| 0              | Electrolux ELS W   | PM Card Reader | 0    |          |
|----------------|--------------------|----------------|------|----------|
| Number         | Name               | Format         | Size | Checksum |
| 991            | NORMAL 95°C        | Normal         | 235  |          |
| 992            | NORMAL 60°C        | Normal         | 235  |          |
| 993            | NORMAL 40°C        | Normal         | 235  |          |
| 994            | INTENSIVE 95°C     | Normal         | 332  |          |
| 995            | INTENSIVE 60°C     | Normal         | 332  |          |
| 996            | PERM.PRESS 60°C    | Normal         | 234  |          |
| 997            | PERM.PRESS 40°C    | Normal         | 227  |          |
| 998 🔟          | DELICATE 30°C      | Normal         | 225  |          |
| 999            | EXTR.HIGH 5MIN     | Normal         | 85   |          |
| Number<br>Name | 991<br>NORMAL 95°C |                |      |          |
| Free text      |                    |                |      | Delete   |

3. From the list of programs held on the memory card, select the program to be deleted and click **Delete**.

# 7.3 From a \*.bin file (only Clarus Control)

1. Go to Card Manager and select Virtual reader.



2. Click **Select** in the **Manage virtual card** section, and select the \*.bin file you want to use. If you already have a \*. bin file connected to your Virtual card reader, it will be dismounted and the selected \*.bin file will be connected instead.

- 3. Once the \*.bin file is visible in the Virtual reader, click **Delete program on card**.
- 4. From the list of programs in the \*.bin file, select the program to be deleted and click **Delete**.

| Select virtual card   |                                   |                              |          |                    |                          | ×           |
|---|-----------------------------------|------------------------------|----------|--------------------|--------------------------|-------------|
| OO - → user → My  | Documents  My Laundry Programs    |                              |          | ✓ 4 <sub>2</sub> 5 | earch My Laundry Progran | 75 <b>P</b> |
| Organize 🔻 New folder   |                                   |                              |          |                    | ii • 🚺                   | 0           |
| 🔶 Favorites   | Name                              | Date modified                | Туре     | Size               |                          |             |
| 🧮 Desktop   | Laundry W4240H.bin                | 2012-06-08 16:28             | BIN File | 8 KB               |                          |             |
| 🚺 Downloads   | test.bin                          | 2012-04-28 00:35             | BIN File | 8 KB               |                          |             |
| 🔛 Recent Places   | W4850H std.bin                    | 2012-09-26 11:47             | BIN File | 8 KB               |                          |             |
| Libraries     Documents     Music     F     Videos     Videos     Local Disk (C:)     DVD/CD-RW Driv      Network     v |                                   |                              |          |                    |                          |             |
| File nam  | e: C:\Users\user\Documents\My Lau | ndry Programs\W4850H std.bin |          | - Bi               | nary file (*.bin)        | <b>•</b>    |
|   |                                   |                              |          |                    | Open Cance               | <b>!</b>    |
|   |                                   |                              |          |                    |                          |             |

## 7.4 From a program device (only Compass Control and Compass Pro)

Deleting programs from Compass Control or Compass Pro CPU requires that your computer is connected to the powered-up program device. See section: Scanning for connected machines.

- 1. Go to the Machine view and select the connected machine you want to delete a program from.
- 2. Click Erase program from machine in the toolbar.

| Machine view             | Favorites: Favorites 1                      | •          | • •    | ]                    |                      |          |   |
|--------------------------|---|------------|--------|----------------------|----------------------|----------|---|
|                          | Available machine types                     |            |        |                      |                      |          | Edit and create programs                |
| Paj                      | Eligible Clarus Control (165 available)     |            |        |                      |                      |          | Create a new program                    |
|                          | Compass Control (80 available)              |            |        |                      |                      | <b>€</b> |   |
|                          | ▲ Compass Pro (21 available)                |            |        |                      | 2012-05-29 15:08:12  | \$       | Read program from machine               |
|                          | T5130                                       | Electrolux | Rev: 0 |                      |                      | - 🔶      | Open program from file                  |
| Machine view             | T5130C                                      | Electrolux | Rev: 0 |                      | 2012-05-29 15:01:27  | \$       |   |
| Machine View             | T5290                                       | Electrolux | Rev: 0 | U 🕢 U                | 2012-05-25 10:22:48  | *        | Open program from database              |
| 100                      | T5550                                       | Electrolux | Rev: 0 | U 🕢 U                | 2012-05-25 09:25:14  | *        | Manage programs on a machine            |
|                          | T5675                                       | Electrolux | Rev: 0 | ພ 🕢 🔟                | 2012-05-25 09:26:21  | *        | Save program to file                    |
| Card manager             | TD35  | Wascomat   | Rev: 0 | ພ 🕢 ພ                | 2012-05-25 09:27:36  | ☆_       |   |
| J                        | TD67  | Wascomat   | Rev: 0 | U 🕢 U                | 2012-05-25 09:28:29  | ⇒ =      | Download programs and create a library  |
|                          | TD83  | Wascomat   | Rev: 0 | <b>U ()</b> U        | 2012-05-25 09:39:24  | -<br>    | Upload programs from a library          |
|                          | W5105N                                      | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-08-20 16:28:07  | _ ☆      | Manage active programs on machine       |
|                          | W5130N                                      | Electrolux | Rev: 0 | <b>U</b> () U        | 2012-08-20 16:29:52  |          |   |
|                          | W5180H                                      | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 14:10:51  | _ ☆      | Erase programs on machine               |
|                          | W5240H                                      | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-08-24 15:10:47  | _ ☆      | Connection settings                     |
|                          | O W555H [USB12:0]                           | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-05-25 10:21:10  | *        | Software transfer baudrate 230400 bps 🔻 |
|                          | W565H                                       | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-08-20 16:24:19  | \$       |   |
|                          | W575H                                       | Electrolux | Rev: 0 | <b>U</b> ()          | 2012-08-20 16:21:00  | \$       |   |
|                          | WS5180H                                     | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 16:49:57  | \$       |   |
|                          | WS5250H                                     | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 16:50:16  | ☆ .      |   |
|                          | 👷 All machines 👷 My favorites 🔘 Connected m | nachines   |        |                      |                      |          |   |
| Connections<br>(1 found) |   |            |        | 2                    | Scan for connected m | achines  |   |

3. A list will now appear showing the programs available in the machine memory.

4. Select one or more programs to remove by ticking the boxes, and click **Delete**.

### Note!

Only user made programs can be deleted from the machine memory.

| Number       Name       Lock       Active       Creator         Image: Odd of the stress of  | 0          | W555H - [USB12 / addr: 0] |      |          |         |  |  |  | W555H - [USB12 / addr: 0] |  |  |  |
|--|------------|---------------------------|------|----------|---------|--|--|--|---------------------------|--|--|--|
| Image: Construct of Construction of Constructing Construction of Construction of Construction of Construction  | Number     | Name                      | Lock | Active   | Creator |  |  |  |                           |  |  |  |
| Image: Constraint of the constrain | 041        | LIGHT SOIL 40             |      | 🚖 Active | 🕵 User  |  |  |  |                           |  |  |  |
| ▼       0       044       HEAVY SOIL 80       ★ Active       ♣ User         ▼       0       045       HEAVY SOIL 60       ★ Active       ♣ User         □       0.46       LIGHT SOIL 30       ★ Active       ♣ User         □       0.47       LIGHT SOIL 35       ★ Active       ♣ User         □       0.48       LIGHT SOIL 45       ★ Active       ♣ User         □       0.49       HEAVY SOIL 85       ★ Active       ♣ User         □       0.50       NORMAL 95       ★ Active       ♣ User         □       0.51       NORMAL 98       ★ Active       ♥ User         □       0.52       LIGHT SOIL 50       ★ Active       ♥ User         □       0.52       LIGHT SOIL 55       ★ Active       ♥ User         □       0.53       LIGHT SOIL 53       ★ Active       ♥ User         □       0.55       HEAVY SOIL 88       ★ Active       ♥ User  | 042        | NORMAL 72                 |      | 🚖 Active | 🕵 User  |  |  |  |                           |  |  |  |
| ▼       0       045       HEAVY SOIL 60       ★ Active       ♥ User         ○       046       LIGHT SOIL 30       ★ Active       ♥ User         ○       047       LIGHT SOIL 35       ★ Active       ♥ User         ○       048       LIGHT SOIL 45       ★ Active       ♥ User         ○       049       HEAVY SOIL 85       ★ Active       ♥ User         ○       050       NORMAL 95       ★ Active       ♥ User         ○       051       NORMAL 98       ★ Active       ♥ User         ○       052       LIGHT SOIL 50       ★ Active       ♥ User         ○       053       LIGHT SOIL 53       ★ Active       ♥ User         ○       054       LIGHT SOIL 53       ★ Active       ♥ User         ○       055       HEAVY SOIL 88       ♥ Dser   | 043        | HEAVY SOIL 85             |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| Image: Constraint of the stress of the s | 044        | HEAVY SOIL 80             |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| Image: Constraint of the constrain | 045        | HEAVY SOIL 60             |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| Image: Constraint of the constrain | 046        | LIGHT SOIL 30             |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| Image: Constraint of the constrain | 047        | LIGHT SOIL 35             |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| □       0 050       NORMAL 95       ☆ Active       ♀ User         □       0 051       NORMAL 98       ☆ Active       ♀ User         □       0 052       LIGHT SOIL 50       ☆ Active       ♀ User         □       0 053       LIGHT SOIL 55       ☆ Active       ♀ User         □       0 054       LIGHT SOIL 53       ☆ Active       ♀ User         □       0 055       HEAVY SOIL 88       ☆ Active       ♀ User  | 048        | LIGHT SOIL 45             |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| Image: Constraint of the state of the  | 049        | HEAVY SOIL 85             |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| Image: Constraint of the state of the  | 050        | NORMAL 95                 |      | 🚖 Active | 🕵 User  |  |  |  |                           |  |  |  |
| □       0 053       LIGHT SOIL 55       ★ Active       S User         □       0 054       LIGHT SOIL 53       ★ Active       S User         □       0 055       HEAVY SOIL 88       ★ Active       S User  | 051        | NORMAL 98                 |      | 🙀 Active | 🕵 User  |  |  |  |                           |  |  |  |
| □ 054 LIGHT SOIL 53<br>□ 055 HEAVY SOIL 88 Active SUser  | 052        | LIGHT SOIL 50             |      | 🚖 Active | 🕵 User  |  |  |  |                           |  |  |  |
| O55 HEAVY SOIL 88  | 053        | LIGHT SOIL 55             |      | 🚖 Active | 🕵 User  |  |  |  |                           |  |  |  |
|  | 054        | LIGHT SOIL 53             |      | 🚖 Active | 🕵 User  |  |  |  |                           |  |  |  |
| Select all programs Gelete Cancel  | 055        | HEAVY SOIL 88             |      | 🚖 Active | 🕵 User  |  |  |  |                           |  |  |  |
|  | Select all | programs                  |      | Jelete   | Cancel  |  |  |  |                           |  |  |  |

## 7.5 From a program library file, \*.wpl. (only Compass Control and Compass Pro)

A program cannot be deleted directly in a \*.wpl file. Instead, it first has to be uploaded to the program device and then saved again

- 1. Follow the steps how to upload the program library to program device in section: From a program library file, \*.wpl.
- 2. Go to the **Machine view** and select the connected machine you want to read from.
- 3. Click **Download programs and create a library** in the toolbar.



3. In the **Download programs to library** window, select only the programs you want to include in the new library file, and exclude the one you want to remove.

4. Type any descriptive information for the program library, and click Create.

5. Give the \*.wpl file a new name or overwrite the existing and save it to your hard drive.

| -   |                | W555H - [USB12 / addr: 0] |             |    |        |     |           |      |  |
|---|----------------|---------------------------|-------------|----|--------|-----|-----------|------|--|
| H   | Number         | Name                      | Lock        | Ac | tive   | Cre | ator      |      |  |
| ~   | 041            | LIGHT SOIL 40             |             | *  | Active | 5   | User      |      |  |
|   | 042            | NORMAL 72                 |             | x  | Active | 5 1 | User      |      |  |
|   | 043            | HEAVY SOIL 85             |             | à  | Active | 5 1 | User      |      |  |
|   | 044            | HEAVY SOIL 80             |             | A  | Active | 5 1 | User      | E    |  |
| <ul> <li>Image: A start of the start of</li></ul> | 045            | HEAVY SOIL 60             |             | A  | Active | 5   | User      |      |  |
| -   | 046            | LIGHT SOIL 30             |             | ×  | Active | 5 1 | User      |      |  |
| ~   | 047            | LIGHT SOIL 35             |             | 公  | Active | 5   | User      | _    |  |
| <ul> <li>Image: A start of the start of</li></ul> | 048            | LIGHT SOIL 45             |             | A  | Active | 5 1 | User      |      |  |
| <ul> <li>Image: A start of the start of</li></ul> | 049            | HEAVY SOIL 85             |             | *  | Active | 5   | User      |      |  |
|   | 050            | NORMAL 95                 |             | A  | Active | 5   | User      |      |  |
| Mach  | ine            |                           | Manufacture | M  | odel   |     | Structure | e ID |  |
| Elect   | trolux/W555H   | 1                         | 9           | 1  |        |     | 3         |      |  |
| Desc  | ribing text fo | r this library            |             |    |        |     |           |      |  |
|   | elect all proc | Irams                     |             |    | Create | e   | Canc      | el   |  |

### 7.6 From the sequence database

### Note!

You can only delete a program that you have previously saved to the Sequence database.

The factory program **Default data** is locked and cannot be deleted.

1. In the Machine view, select the relevant machine and click Create a new program.

2. In the **Program editor**, in **Sequence database** pane, select the database program you want to remove and click the **Delete** button on your keyboard, or right click and select **Delete program**.



#### 3. Click OK in the Delete warning window.

| Delete warning   |            |
|--|------------|
| Delete program "No extract 85" from sequence database? |            |
| OK Cancel  |            |
|  | fig.W00375 |

If you want to delete only a program step from the database program, it must first be moved to the **My program** pane, and then you can delete the module from there.

If you want to remove all available database program for a specific machine, remove the \*.seq file located in the same folder as the \*.mac files. For correct location, see **Settings** menu under **Directories** tab.

# 8 Program library

### 8.1 Program library files

Program libraries are used to create a backup of a set of user made programs.

Depending on control system of the machine, this is done in different ways. Clarus Control uses a \*.bin file, and Compass Control and Compass Pro uses a \*.wpl file to store the backup.

The Clarus Control \*.bin file can also be opened in Virtual reader . See section: Card Manager.

### Note!

You can not open a Compass Pro \*.wpl file into a Compass Control or vice versa.

## 8.1.1 Create a \*.bin file from memory card (only Clarus Control)

The function is mainly used to backup a Clarus Control memory card, or as an easy way to distribute the content of memory cards by e-mail.

The \*.bin file is built up and formatted the same way as the Clarus Control memory card.

- 1. Go to Card manager and select Electrolux USB Card reader. Make sure the relevant card is inserted.
- 2. Click Save all programs to BIN file in the toolbar.



3. Enter a name for your backup file, or select an existing file to overwrite and click Save.

| Save card to BIN-file  |         |
|--|---------|
| Search My Laundry Programs   |         |
| Organize 🔻 New folder  |         |
| Image: Second Desitop       Laundry W4240H.bin       W4850H std.bin         Image: Desitop       BIN Frie       BIN Frie         Image: Downloads       Recent Places       Recent Places         Image: Documents       Music       Recent Places         Image: Documents       Music       Recent Places         Image: Documents       Videos       Recent Places         Image: Documents       Videos       Recent Places         Image: Documents       Videos       Recent Places         Image: Documents       Recent Places       Recent Places |         |
| Hide Folders     Save     Cancel   |         |
|  |         |
|  | fig.W00 |

You can now keep your backup file for later use as a virtual memory card or copy it to a Clarus Memory card using the ELS WPM Card Reader.

The backup file can also be sent as an attachment in an e-mail.

### 8.1.2 Write a \*.bin file to a memory card (only Clarus Control)

This is used to restore a backup from your hard drive to a memory card.

1. Go to **Card manager** and select Electrolux USB Card reader. Make sure an empty card is inserted. (The operation will overwrite all existing programs on the card).

2. Click Write card from BIN file in the toolbar.



3. In the **Open file to write card** window, select the \*.bin file you want to be copied to the memory card.

| Dpen file to write card   |  |                                |           |
|---|--|--------------------------------|-----------|
| → user → My Doc   | uments 🕨 My Laundry Programs                         | ✓ 4 Search My Laundry Programs |           |
| Organize 🔻 New folder   |  | ur <b>-</b> □ 0                |           |
| ★ Favorites ■ Desktop ■ Downloads ■ Recent Places ■ Libraries ■ Documents ● Music ■ Pictures ■ Videos ■ Videos ■ Computer ▲ Local Disk (C:) ■ Local Disk (C:) ■ KINGSTON (E) File game: | Laundry W4240H.bin<br>BIN File<br>8,00 KB<br>8,00 KB | • Binary file (*:bin) •        |           |
|   |  | <u>O</u> pen  Cancel           |           |
|   |  |                                | fig.W0037 |

## 8.1.3 Create a \*.wpl file (only Compass Control and Compass Pro)

This is used to create a backup of user made programs from a control device to your hard drive, and can only be performed if you have a proper control device connected.

- 1. Go to Machine view and select the connected machine.
- 2. Click **Download programs and create a library** in the toolbar.

| Machine view             | Favorites: Favorites 1                      | •          | -      | ]                    |                      |                   |   |
|--------------------------|---|------------|--------|----------------------|----------------------|-------------------|---|
|                          | Available machine types                     |            |        | ļ                    |                      |                   | Edit and create programs                |
|                          | Clarus Control (165 available)              |            |        |                      |                      | \$ <sup>⊠</sup> ^ | Create a new program                    |
|                          | Compass Control (80 available)              |            |        |                      |                      | \$ <sup>⊡</sup>   |   |
|                          | ⊿ 💶 🔍 ▲ Compass Pro (21 available)          |            |        |                      |                      | \$                | Read program from machine               |
| Ö                        | T5130                                       | Electrolux | Rev: 0 | U 🕜 U                | 2012-05-29 15:08:12  | *                 | Open program from file                  |
| -                        | T5130C                                      | Electrolux | Rev: 0 | U 🕜 U                | 2012-05-29 15:01:27  | \$                | Cpen program from file                  |
| Machine view             | T5290                                       | Electrolux | Rev: 0 | ພ 🕜 🔟                | 2012-05-25 10:22:48  | *                 | Open program from database              |
| -                        | T5550                                       | Electrolux | Rev: 0 | ພ 🕢 ພ                | 2012-05-25 09:25:14  | *                 | Manage programs on a machine            |
|                          | T5675                                       | Electrolux | Rev: 0 | U 🕢 U                | 2012-05-25 09:26:21  | *                 | Save program to file                    |
| Card manager             | TD35  | Wascomat   | Rev: 0 | ພ 🕢 🔟                | 2012-05-25 09:27:36  | ☆_                | Download programs and create a library  |
|                          | TD67  | Wascomat   | Rev: 0 | U 🕢 U                | 2012-05-25 09:28:29  |                   |   |
|                          | TD83  | Wascomat   | Rev: 0 | ພ 🕢 🔟                | 2012-05-25 09:39:24  | \$                | Upload programs from a library          |
|                          | W5105N                                      | Electrolux | Rev: 0 | 🖬 🕥 🖽                | 2012-08-20 16:28:07  | \$                | Manage active programs on machine       |
|                          | W5130N                                      | Electrolux | Rev: 0 | 🖬 💮 🖽                | 2012-08-20 16:29:52  | 숯                 |   |
|                          | W5180H                                      | Electrolux | Rev: 0 | 🖬 💮 🖽                | 2012-09-07 14:10:51  | 숯                 | Erase programs on machine               |
|                          | W5240H                                      | Electrolux | Rev: 0 | 🖬 🕥 📖                | 2012-08-24 15:10:47  | ☆                 | Connection settings                     |
|                          | • W555H [USB12:0]                           | Electrolux | Rev: 0 | ⊌⊙⊎                  | 2012-05-25 10:21:10  | *                 | Software transfer baudrate 230400 bps 🔻 |
|                          | W565H                                       | Electrolux | Rev: 0 | <b>⊌</b> ⊚ ₩         | 2012-08-20 16:24:19  | \$                |   |
|                          | W575H                                       | Electrolux | Rev: 0 | 🖬 💿 🖽                | 2012-08-20 16:21:00  | 숯                 |   |
|                          | WS5180H                                     | Electrolux | Rev: 0 | <b>U</b> () <b>U</b> | 2012-09-07 16:49:57  | 숯                 |   |
|                          | WS5250H                                     | Electrolux | Rev: 0 | ⊌ ⊙ <b>⊎</b>         | 2012-09-07 16:50:16  | ☆ .               |   |
| Connections<br>(1 found) | 🙀 All machines 🙀 My favorites 🔘 Connected m | achines    |        |                      | Scan for connected m | achines           |   |

3. In the **Download programs to library** window, select the programs you want to save to library.

- 4. Type any descriptive information for the program library, and click Create.
- 5. Give the \*.wpl file a new name or overwrite an existing and save it to your hard drive.

### Note!

Only user made programs can be saved to \*.wpl file.

| 0   |               | W555H - [U              | SB12 / addr: 0 | ]        |         | B     |
|---|---------------|-------------------------|----------------|----------|---------|-------|
|   | Number        | Name                    | Lock           | Active   | Creator |       |
| <b>~</b>  | 041           | LIGHT SOIL 40           |                | 🚖 Active | 🕵 User  | -     |
|   | 042           | NORMAL 72               |                | 🙀 Active | 🕵 User  |       |
| ~   | 043           | HEAVY SOIL 85           |                | 🙀 Active | 🕵 User  |       |
|   | 044           | HEAVY SOIL 80           |                | 🚖 Active | 🕵 User  | E     |
| <ul> <li>Image: A start of the start of</li></ul> | 045           | HEAVY SOIL 60           |                | 🚖 Active | 🕵 User  |       |
| <ul> <li>Image: A start of the start of</li></ul> | 046           | LIGHT SOIL 30           |                | 📩 Active | 🕵 User  |       |
| <ul> <li>Image: A start of the start of</li></ul> | 047           | LIGHT SOIL 35           |                | 📩 Active | 🕵 User  |       |
| $\checkmark$  | 048           | LIGHT SOIL 45           |                | 🚖 Active | 🕵 User  |       |
| <b>V</b>  | 049           | HEAVY SOIL 85           |                | 🚖 Active | 🕵 User  |       |
| <b>V</b>  | 050           | NORMAL 95               |                | 🙀 Active | 🕵 User  |       |
| Machi   | ne            |                         | Manufacturer   | Model    | Structu | re ID |
| Electi  | rolux/W555H   | 1                       | 9              | 1        | 3       |       |
|   | ibing text fo | r this library<br>grams |                | Creat    | e Can   | cel   |
|   |               |                         |                |          |         |       |

## 8.1.4 Write \*.wpl file to program device (only Compass Control and Compass Pro)

This is used to restore a backup of user made programs from your hard drive to a control device, and can only be performed if you have a proper control device connected.

- 1. Go to Machine view and select the connected machine.
- 2. Click Upload programs from a library in the toolbar.



3. In the Select library file window, select the \*.wpl file you want to restore, and click Open.

| Select library file                   |                     |           | X                              |             |
|---------------------------------------|---------------------|-----------|--------------------------------|-------------|
| • user • My Documents • M             | Ay Laundry Programs | -         | 😝 Search My Laundry Programs 👂 |             |
| Organize 🔻 New folder                 |                     |           | II • 🗊 0                       |             |
| Favorites Name Desktop T5290 library  | Date modified       | Type Size |                                |             |
| 😹 Downloads 💽 WSSSH Hygin             |                     |           | 32 KB<br>21 KB                 |             |
| M Recent Places                       |                     |           |                                |             |
| Documents                             |                     |           |                                |             |
| Music     E     Pictures     Pictures |                     |           |                                |             |
| Videos                                |                     |           |                                |             |
| 1톤 Computer<br>鍫 Local Disk (C:)      |                     |           |                                |             |
| DVD/CD-RW Driv                        |                     |           |                                |             |
| 🙀 Network 👻                           |                     |           |                                |             |
| File name: WS55H Hygie                | ne.wpl              |           | Wash program library (*.wpl)   |             |
|                                       |                     |           | Open Cancel                    |             |
|                                       |                     |           |                                | fig.W00366  |
|                                       |                     |           |                                | lig.1100000 |

It will take a few seconds to read the information in the \*.wpl file and in the connected machine. A window will open and the information will be presented.

4. In the **Upload library programs to machine** window, select one or more programs in the \*.wpl file to be uploaded.

5. Click Upload programs.

| 🕒 Library  |   |                              | Machine   |   |                              |     |  |
|--|---|------------------------------|---|---|------------------------------|-----|--|
| Library 😭 Load library   3 Details   A <sup>a</sup> Change codepage<br>Machine: Electrolux/W555H<br>Manufacturer: 9<br>Model: 1<br>Structure: 3<br>Description |   |                              | 0   | W555H - [USB12 / addr: 0  | 1 <b> </b> •                 |     |  |
|  |   |                              | Machine:<br>Manufactu<br>Model:<br>Structure:<br>Language:  | 1   |                              |     |  |
|  |   |                              | LCID  | Language  | Codepage                     |     |  |
|  |   |                              | 1033<br>1053<br>1044<br>1036  | English (US)<br>Swedish (SE)<br>Norwegian (Bokmål) (NO)<br>French (FR)  | 1252<br>1252<br>1252<br>1252 | *   |  |
| Programs in libr   | ary   |                              | Programs  | in machine  |                              |     |  |
| Number   | Name  | Codepage                     | Number  |   | Active                       |     |  |
| ♥ 2 041<br>♥ 0 042<br>♥ 2 043  | LIGHT SOIL 40<br>NORMAL 72<br>HEAVY SOIL 85 | 1252<br>1252<br>1252<br>1252 | v     041       v     042       v     043       v     044       v     045       v     046       v     047       v     048       v     049       v     050       v     051 | <empty slot=""><br/><empty slot=""><br/><e< th=""><th></th><th>× H</th><th></th></e<></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty></empty> |                              | × H |  |
| Creation date:   | 2012-09-26 15:11:58                         |                              | Verwrit   | e existing programs if same n   | umber                        |     |  |
| Select all pr  | rograms                                     |                              |   | Upload programs   | Canc                         | el  |  |
|  |   |                              | 15 Progr  | ams   | Used 1                       | 00% |  |

### Note!

All programs that you write to the program device will be activated automatically. You can deactivate programs later on. See section: Manage active programs.

Program slots that will be written to are indicated in red in the Programs in machine pane.

If you uncheck the checkbox Overwrite existing programs if same number, programs will be written only to free program slots.

In order to upload programs to machine, the library information about machine model, manufacturer and structure must match what is contained in the machine. The codepage (font table) stated in the library, must also be present in the machine.

If there is a mismatch between \*.wpl file and machine, the upload will be interrupted and a message shown.

| Can't write | library, machine type mismatch   |            |
|-------------|--|------------|
| 8           | The library you are trying to upload is not intended/created<br>for the machine that is currently connected to LPM |            |
|             | The library was created for a "Electrolux/T5290"<br>But the connected machine is a "Electrolux/W555H"              |            |
|             | ОК   |            |
|             |  | fig.W00368 |

## 9 Sequence database / Database manager

The sequence database is used to facilitate the restoration of a module, a number of program steps or an entire program for a specific machine. The modules in the sequence database are locked to the selected machine model. The **Default data** contains the factory set of modules. It is extracted from the \*.mac file and can not be deleted or edited. Programs or program sequences that are saved by the user can be deleted.

The database tool is used to manage various functions in the sequence database.

### 9.1 Edit a program in Sequence database

When editing a program in the sequence database the program must first be moved to the **My program** pane in the edit menu. See section: From Sequence database.

### 9.2 Add a program to Sequence database

There are two ways of adding a program sequence to database.

#### Save program to database

Once a program or program sequence is ready in the **My program** pane of the edit menu, it can be saved to **Sequence database**.

1. Drag it from the My program pane into the Sequence database pane, or right-click and select Save to database.



## 9.3 Import \*.wpf or \*.lpf file

- 1. Open the Sequence database manager by clicking the Database manager button (A).
- 2. Click Import program (B).

|                   | am Manager 6 - [W555H/Program                  | n]  |                                       | _ <b>_</b> × |
|-------------------|--|---|---------------------------------------|--------------|
| File Edit Program | Settings Window Help                           |   |                                       |              |
| Program editor    | Save program to file                           | Write program to machine                                      | Manage active programs                | × Close      |
|                   | Sequence database                              | 📁 Default data  |                                       | My program   |
|                   | 🧻 Database manager   📁   🧎                     | 🗐 🖏 Revert to default value   🏡 Undo chang                    | e                                     | 🔛 Add 🗸 🎼 🕅  |
|                   | 🔻 🧕 Default data                               | 0 - H Sequence database manage                                | r /                                   |              |
|                   | 🐷 Head   | Count weig Database Program                                   |                                       |              |
|                   | Prewash  |   | 🎦 Import program 🛛 🗿 🖹 🗡              |              |
|                   | Mainwash                                       | State Exclude   | Program data                          |              |
|                   | Rinse     Bre-Rinse                            | Duzzer at P   | _ <b>₽0 - Head</b>                    | *            |
| Machine view      | Soak   | Powder, flu 🔤 😡 0 - Head                                      |                                       |              |
|                   | V Cool   | Liquid, flus U 1 - Prewash(1)                                 | Count weight                          | ☑ On         |
| -                 | Drain  | Motor acti 2 - Mainwash(1)                                    | Start Extraction                      | Off          |
| 6                 | Extraction                                     | Motor acti  | Buzzer at Program end                 | 📝 On         |
|                   | 🗾 End  | Motor acti 5 - Soak(1)  | Powder, flush valve from wash program | V On         |
| Card manager      | ▼ O extract 85                                 | Motor acti - * 6 - Cool(1)                                    | Liquid, flush main cold water valve   | 📝 On         |
|                   | 😡 Head   | Motor acti 7 - Drain(1)<br>8 - Extraction(1)                  | Motor action 1 on time, CW            | 00:06        |
|                   | <ul> <li>Mainwash</li> <li>Mainwash</li> </ul> | Motor activ   | Motor action 1 on time, CCW           | 00:06        |
|                   | Mainwash                                       | Motor activ   | Motor action 1 off time               | 00:18        |
| Program editor    | Mainwash                                       | Motor acti  | Motor action 2 on time, CW            | 00:15        |
|                   | Mainwash                                       | Motor activ 1 - Mainwash(1)<br>2 - Mainwash(2)                | Motor action 2 on time, CCW           | 00:15        |
|                   | 🕨 🛃 Drain                                      | Motor activ   | Motor action 2 off time               | 00:04        |
|                   | Extraction                                     | Motor activ   | Motor action 3 on time, CW            | 00:04        |
|                   | Rinse  | 5 - Mainwash(5)   |                                       |              |
|                   | Drain  | Motor acti - U 6 - Drain(1)<br>Motor acti - 7 - Extraction(1) | Motor action 3 on time, CCW           | 00:08        |
|                   | O Extraction                                   | -   8 - Rinse(1)  | Motor action 3 off time               | 00:07        |
|                   | Rinse     Drain                                | Motor acti  | Motor action 4 on time, CW            | 00:00        |
|                   | Orain     Orain     Orain                      | Motor acti @ 10 - Extraction(2)                               | Motor action 4 on time, CCW           | 00:00        |
|                   | End  | <b>□1</b> - <b>P □</b> 11 - Rinse(2)                          | Motor action 4 off time               | 00:03        |
|                   |  | Reheat 12 - Drain(3)  | Motor action 5 on time, CW            | 00:00        |
| 1                 | Sequence information                           | Module he 13 Exclusion(3)                                     | Motor action 5 on time, CCW           | 00:00 -      |
|                   | Name Default data                              | Pause Befo. W555H 2 Progra                                    | ms                                    |              |
| Connections       | Size 491                                       | Wash time before heat (Min:Sec)                               | 00:00                                 |              |
| (1 found)         | III Default data                               | Default data  | 00:00                                 | Program      |
| 4                 |  |   |                                       | i rogram     |

3. Select the \*.lpf or \*.wpf file you want to import to the **Database manager** and click **Open**.

| Doad program  |  |   |
|---|--|---|
| → user → My Documents → My Laundry Programs   |  | <ul> <li>+ +</li> <li>Search My Laundry Programs</li> </ul> |
| Organize 🔻 New folder   |  |   |
| Favorites<br>Desktop<br>Downloads<br>Recent Places  | 85° NORMAL.wpf<br>Laundry Program<br>404 bytes | 90° NORMAL.wpf<br>Laundry Program<br>494 bytes              |
| Cibraries<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comments<br>Comm |  |   |
| DVD/CD-RW Driv     KINGSTON (E:)     File name: 90° NORMAL.wpf  |  | ✓ Wash program file (*.wpf) ✓                               |
| So nonve so nonvezaje   |  | Open V Cancel   |
|   |  |   |

### 9.4 Export database program

There are two ways of exporting a program from the sequence database.

#### Add steps from database

In order to use a program that is saved in the sequence database, it must be exported to My program.

1. In **Program editor**, find the database program you want to use.

2. Drag it from the **Sequence database** pane into the **My program** pane, or right click the program and select **Add steps from database**.

You can also copy a single module from a program in the **Database manager** by dragging it from the "Sequence database" pane into the **My program** pane, or right click the module and select **Add steps from database**.



### Export database program to \*.wpf or \*.lpf file

- 1. Open the Sequence database manager by clicking the Database manager button (A).
- 2. Select the database sequence you want to export (B).
- 3. Click Export program button (C).



4. Name the \*.lpf or \*.wpf file you want to save.

| Save program  | Court single                                   |  |
|---|--|--|
| Wy Laundry F  | Programs                                       | ✓ ✓ Search My Laundry Programs                 |
| Organize 🔻 New folder   |  | <u>.</u>                                       |
| ★ Favorites     40° SYNTH.wpf       ■ Desktop     Laundry Program       ▶ Downloads     494 bytes       ₩ Recent Places     1000000000000000000000000000000000000 | 85° NORMAL.wpf<br>Laundry Program<br>404 bytes | 99° NORMAL.wpf<br>Laundry Program<br>494 bytes |
| Ibraries     ■       Image: Documents     J       J     Music       Image: Dictures     ■       Image: Dictures     ■   |  |  |
| IN Computer<br>▲ Local Disk (C:)<br>▲ DVD/CD-RW Driv ←  |  |  |
| File name: No extract 85.wpf<br>Save as type: Wash program file v5.1 (*.wpf)  |  |  |
| Hide Folders  |  | Save Cancel                                    |
|   |  |  |

# 10 Program editor

## 10.1 How to open Program editor

Program editor can be opened in different ways. See section: Creating or editing program.
### 10.2 Using Program editor

|                          |   |  | /                        |  |
|--------------------------|---|--|--------------------------|--|
| ELS Laundry Progra       | m Manager 6 - [W555H/NORMAL 8   | 9/ /   |                          |  |
| File Edit Program        | Settings Window Help  | / / /  |                          |  |
| Program editor           | Save program to file  | 🚹 Write program to machine 🛛 🔠 Manage active programs 🛛 🚺  | 退 Erase programs         | × Close  |
|                          | Sequence database   | NORMAL 80     Never to dyault value   Son Undo change     O - Head                                   |                          |  |
| õ                        | <ul> <li> Head </li> <li> ↓ Prewash </li> <li> ↓ Mainwash </li> </ul>     | Count weight<br>Start Extraction   | Cff Off                  | <ul> <li>Jead</li> <li>Wainwash</li> <li>Wainwash</li> </ul> |
| Machine view             | Binse     Bre-Rinse     Soak  | Buzzer et Program end<br>Power, flush valve from wash program<br>Liquid, flush main cold water valve | ☑ On<br>☑ On             | Mainwash     Mainwash     Mainwash     Mainwash              |
| 1                        | Kraction  | Notor action 1 on time, CW<br>Motor action 1 on time, CCW  | 00:06<br>00:06           | ▶ 🖶 Drain<br>▶ @ Extraction<br>▶ 曲 Rinse                     |
| Card manager             | ✓ End ✓ INORMAL 70 Ø Head   | Motor action 1 off time<br>Motor action 2 on time, CW<br>Motor action 2 on time, CCW                 | 00:15<br>00:15           | ▶ 🖶 Drain<br>▶ @ Extraction<br>▶ 曲 Rinse                     |
|                          | W Mainwash     W Mainwash     W Mainwash                                  | Motor action 2 off time<br>Motor action 3 on time, CW  | 00-04                    | Brain     Bextraction     Drain     End                      |
| Program editor           | <ul> <li>► Ш Mainwash</li> <li>► Ш Mainwash</li> <li>► ঊ Drain</li> </ul> | Motor action 3 on time, CCW<br>Motor action 3 off time<br>Motor action 4 on time, CW                 | 00:08<br>00:07<br>00:00  |  |
|                          |   | Motor action 4 on time, CCW Motor action 4 on time, CCW  | 00:00 00:00              |  |
|                          | O Extraction     O Extraction     O Extraction     O Drain                | Motor action 5 on time, CW<br>Motor action 5 on time, CCW  | 00:00                    |  |
|                          | <ul> <li>Bxtraction</li> <li>End</li> </ul>                               | Motor action 5 off time U1 - Mainwash(1)   | 00:03                    |  |
|                          | Sequence information<br>Name NORMAL 70                                    | Reheat<br>Module heated<br>Pause Before Wash   | ♥ On<br>♥ On Cu<br>♥ Off | urrent Program (S16 Bytes)                                   |
| Connections<br>(1 found) | Size 516  | Wash time before heat (Min:Sec) NORMAL 80  | 00:00 +                  | NORMAL 80  |
| <b>.</b>                 |   |  |                          | , h.   |

A. Program modules held in **Sequence database**.

- B. User made Program modules.
- C. My program under construction.
- D. Program module editor pane.
- E. Size of My program under construction.

The Program editor is made up of three panes. The left hand pane displays a tree structure with factory created program modules from the machine file (\*.mac), together with any user made modules that are held in a \*.seq file. See sections: **File types** and: **Creating from sequence database**.

The right hand pane displays a tree structure with the program you are currently creating or editing. (**My program**). The centre pane is where you do the actual editing. It displays the content and parameters of a highlighted module and allows you to make required adjustments to the parameters in your program.

Construct your program by using an existing program as a template, and add new modules from the **Sequence database** pane, or duplicate an existing module from **My program** pane.

|                | n Manager 6 - [W555H/NORMAL 80 | 1 /   |                                    |                              |
|----------------|--------------------------------|---|------------------------------------|------------------------------|
| Edit Program S | ettings Window Help            |   |                                    |                              |
| ogram editor   | Save program to file           | Write program to machine Manage active programs | Erase programs                     | × Close                      |
|                | Sequence database              | ORMAL 80  |                                    | My program                   |
|                | 🧻 Database manager   📁   🆄     | 🛛 🗞 Revert to default value   🦡 Undo change     |                                    | 🔛 🖂 - 🔛 👹 🚽 🔤                |
|                | ▼ O Default data               | U 5 - Mainwash(5)                               |                                    | VI INORMAL 80                |
|                | Head                           | Reheat  | C Off                              | - Head                       |
|                | Prewash     Mainwash           | Module heated                                   | 🔽 On                               | ► Ш Mainwash<br>► Ш Mainwash |
|                | Rinse                          | Pause Before Wash                               | Off                                | Mainwash                     |
| achine view    | Pre-Rinse                      | Wash time before heat (Min:Sec)                 | 00:00                              | ▶ Ш Mainwash                 |
| actifie view   | ▶ 🔲 Soak                       | Wash Time (Min:Sec)                             | 17:00                              | Mainwash                     |
| ~              | * Cool                         | Temperature                                     | 80°C                               | U Drain                      |
| 07             | Drain     Drain     Drain      | Temperature Hystereses                          | 4°C                                |                              |
|                | End                            | Max Temp. Increase per min                      | 38°C                               | Drain                        |
| ard manager    | VORMAL 70                      | First Fill Level (Set mm)                       | 0                                  | Extraction                   |
|                | 😺 Head                         | First Fill Level (Litre)                        | 0                                  | ▶ 🟥 Rinse                    |
|                | Mainwash                       | First Fill Level (mm)                           | 0                                  | Drain                        |
|                | Mainwash     Minwash           | Second Fill Level (Set mm)                      | 58                                 | O Extraction     End         |
| ogram editor   | Mainwash                       | Second Fill Level (Litre)                       | 8                                  | 2 End                        |
|                | Mainwash                       | Second Fill Level (mm)                          | 54                                 |                              |
|                | 🕨 🛃 Drain                      | Level Hystereses (Scale Units)                  | 21                                 |                              |
|                | O Extraction                   | Cold Water                                      | C Off                              |                              |
|                | Rinse     Drain                | Hot Water                                       | C Off                              |                              |
|                |                                | Hot water flush                                 | C Off                              |                              |
|                | 🕨 🟥 Rinse                      | Motor action fill                               | 2                                  |                              |
|                | 🕨 🛃 Drain                      | Motor action heat                               | 2                                  |                              |
|                | Text                           | Motor action wash                               | 2                                  |                              |
|                | 🗾 End                          | Motor Speed During Filling (Rpm)                | 35                                 |                              |
| /              | Sequence information           | Motor Speed During Filling (G)                  | 0,31                               | Current Program (516 Bytes)  |
| 9              | Name NORMAL 70                 | Motor Speed During Heating (Rpm)                | 54                                 | - 21%                        |
| Connections    | Size 516                       | 🥥 Water 🥥 Level 📁 Heating 📁 Motor 📁 P           | owder Detergent 🥥 Liquid Detergent | 21%                          |
| (1 found)      | NORMAL 70                      | Mainwash(5)                                     |                                    | NORMAL 80                    |
|                |                                |   |                                    |                              |
|                |                                |   |                                    |                              |

Once you have put all modules in your modified program in place, highlight one module at a time and check that all parameters are properly set.

A. Highlight program module.

B. Parameter list for the highlighted program module.

C. Module parameter group.

If you want to change any parameter, click the relevant parameter group in the lower part of the window, or click the arrow in **My program** pane to open the Module parameter group, and select from there. Alternatively, you can edit the parameter directly in the parameter list.

Edit parameters as required.

If you hold the pointer over an editing field, minimum, maximum and default values for that parameter are shown.



### 10.3 Saving a program

Once you are finished editing your new program, there are a number of different saving options available.

- Save as an \*.lpf (\*.wpf) file on your hard drive.
- Save to Clarus Control memory card. (Clarus Control only)
- · Save to virtual memory card. (Clarus Control only)
- Save to program device. (Compass Control and Compass Pro only)
- Save to sequence database.

### 10.3.1 Save program as \*.lpf (\*.wpf) file

An \*.lpf or \*.wpf file is saved to your hard drive and always contains one single program. The file is tagged with machine type and automatically opened using the machine file it was created for, but it can be converted to another machine. See section: **Converting an \*.lpf or \*.wpf file to a different machine file**.

Save to \*.wpf file only if you want the program to be possible to open with the older version of Wash Program Manager.

#### Note!

It is not possible to save programs for Compass Pro as \*.wpf.

- 1. Open the File menu and select Save. (or click the Save program to file button in the toolbar)
- 2. Select target folder or create a new folder to save your program.

| Save program         | Ay Documents ► My L                       | aundry Programs          |                      | ✓ <sup>↓</sup> Search My | Laundry Programs |            |
|----------------------|---|--------------------------|----------------------|--------------------------|------------------|------------|
| Organize 🔻 New folde | er  |                          |                      |                          | 0                |            |
|                      | 60° NORMAL<br>W4180H.lpf                  | 85° NORMAL<br>W4240H.lpf | HEAVY SOIL<br>85.lpf | HEAVY SOIL<br>88.lpf     | NORMAL 95.lpf    |            |
| File name: NOR       | VAL 80.1pf<br>Iry program file (v6.0) (*. | lpf)                     |                      | Save                     | Cancel           |            |
| -                    |   |                          |                      |                          |                  | fig.W00385 |

### 10.3.2 Save to Clarus Control memory card (Clarus Control only)

In order to save a program to Clarus Control memory card, you must have a connected Electrolux ELS Card reader and a Clarus Control memory card that is not write protected. See section: **Card manager**.

1. Click the Write program to card button in the toolbar, and select Electrolux ELS Card reader.

2. Once the content of the memory card has been read, enter a program name and additional information. Select a free program number (or select an existing program to overwrite), and click **Write**.



### 10.3.3 Save to virtual memory card (Clarus Control only)

In order to use this function, you must first have selected an existing \*.bin file or created a new to use as virtual card. See section: **Card manager**.

1. Click the Write program to card button in the toolbar, and select Virtual card reader.

2. Once the content of the virtual memory card (\*.bin file) has been read, enter a program name and additional information. Select a free program number or select an existing program to overwrite, and click **Write**.

|           |               |                   |         |                             | - |
|-----------|---------------|-------------------|---------|-----------------------------|---|
| Number    | Name          | Format            | Size    | Checksum                    | - |
| 001       | WOOL PULLOVER | Normal            | 250     | 0D4Ah                       |   |
| 002       | WOOL GARMENT  | Normal            | 249     | 0D41h                       | = |
| 003       | WOOL COAT     | Normal            | 246     | 0C70h                       |   |
| 004       | SILK-VISCOSE  | Normal            | 249     | 0D4Fh                       |   |
| 005       | RAINCOAT      | Normal            | 245     | 0C66h                       |   |
| 006       | WEDDING DRESS | Normal            | 268     | 0D51h                       |   |
| 007       | DUVET         | Normal            | 242     | 0C7Ah                       |   |
| 008       | WOOL BLANKET  | Normal            | 249     | 0D81h                       |   |
| 009       | SYNTHETIC FUR | Normal            | 250     | 0D37h                       |   |
| 010       | CURTAINS      | Normal            | 245     | 0D49h                       | + |
| •         | 11            |                   |         | •                           |   |
| Number    | 40            |                   |         | Default                     |   |
| Name      | DENIM 55      |                   |         | Delete                      |   |
| Format    | Normal        |                   | •       | A <sup>a</sup> Set language | • |
| Free text | W4240H        |                   |         |                             |   |
|           |               |                   |         | Write                       |   |
|           |               |                   |         | Cancel                      |   |
| 0         | 1             |                   |         |                             |   |
| 1         | 24 Progr      | ams Free memory 1 | 664 Byt | es Used 779                 | 6 |

#### 10.3.4 Save to sequence database

The sequence database is ideally suited to act as a temporary buffer for the storage of a specific program or program sequence. The program sequences stored in the database can be easily re-used in new programs.

#### Note!

# Sequences in the database are locked so that they can be retrieved only for the machine model they were originally saved from. See section: Sequence database.

1. Highlight and drag the program or sequence from the **My program** pane into the **Sequence database** pane, or right click and select **Save to database**.

2. Your new database program is listed after the factory set **Default data**.

3. Use the modules or sequences that you have saved in the **Sequence database** for the construction of new programs.

| -                        | im Manager 6 - [W555H/No extrac           | t 85]   |                      |                             |
|--------------------------|---|---|----------------------|-----------------------------|
| Program editor           | Settings Window Help                      | Write program to machine Manage active progr              | ams 词 Erase programs | × Close                     |
| Program eutor            |   |   | Erase programs       |                             |
|                          | Sequence database                         | No extract 85     Nevert to refault value   🐜 Undo change |                      | My program                  |
|                          | ▼ OEfault data                            | 🗢 0 - H/ead   |                      | ▲ ▼ 🖸 No extract 85         |
|                          | Head /                                    | Count weight  | 📝 On                 | Head                        |
| Ö                        | Mainwash                                  | Start Extraction  | Off Off              | Mainwash                    |
|                          | Rinse                                     | Buzzer at Program end                                     | 📝 On                 | Mainwash                    |
| Machine view             | Pre-Rinse                                 | Powder, flush valve from wash program                     | 🗹 On                 | Mainwash                    |
|                          | Soak                                      | Liquid, flush main cold water valve                       | 📝 On                 | Mainwash                    |
| An                       | <ul> <li>* Cool</li> <li>Unain</li> </ul> | Motor action 1 on time, CW                                | 00:06                | Drain     @ Extraction      |
| E Y I                    |   | Motor action 1 on time, CCW                               | 00:06                | Binse                       |
|                          | 🗾 End                                     | Motor action 1 off time                                   | 00:18                | 🕨 🛃 Drain                   |
| Card manager             | ▼ 🧕 No extract 85                         | Motor action 2 on time, CW                                | 00:15                | O Extraction                |
|                          | Head Head                                 | Motor action 2 on time, CCW                               | 00:15                | Rinse                       |
|                          | ► Ш Mainwash ► Ш Mainwash                 | Motor action 2 off time                                   | 00:04                | Brain     @ Extraction      |
|                          | Mainwash                                  | Motor action 3 on time, CW                                | 00:08                | ₽ End                       |
| Program editor           | Mainwash                                  | Motor action 3 on time, CCW                               | 00:08                |                             |
|                          | Mainwash                                  | Motor action 3 off time                                   | 00:07                |                             |
|                          | Drain                                     | Motor action 4 on time, CW                                | 00:00                |                             |
|                          | O Extraction     Extraction               | Motor action 4 on time, CCW                               | 00:00                |                             |
|                          | Drain                                     | Motor action 4 off time                                   | 00:03                |                             |
|                          | Extraction                                | Motor action 5 on time, CW                                | 00:00                |                             |
|                          | Rinse                                     | Motor action 5 on time, CCW                               | 00:00                |                             |
|                          | Drain     Drain     Extraction            | Motor action 5 off time                                   | 00:03                |                             |
|                          | End                                       | 山1 - Mainwash(1)  |                      |                             |
|                          |   | Reheat  | V On                 |                             |
| 4                        | Sequence information                      | Module heated   | 📝 On                 | Current Program (517 Bytes) |
| 2                        | Name -<br>Size -                          | Pause Before Wash   | Off Off              | 21%                         |
| Connections<br>(2 found) |   | Wash time before heat (Min:Sec)                           | 00:00                |                             |
| (2100110)                | 🛄 Default data                            | No extract 85   |                      | No extract 85               |

- A. Factory set modules **Default data**.
- B. Programs / sequences saved in Sequence database.
- C. Your new program.

### 10.3.5 Save to program device (Compass Pro)

In order to save a program to a control unit, you must have connected your computer to a poweredup machine. See section: **Communication connection**.

1. Click the Write program to machine button in the toolbar.

2. Once the content of the available memory slots in the connected machine has been read, enter a program name, and additional information.

| 0                  | W555H -                 | W555H - [USB12 / addr: 0] |        |                             |  |
|--------------------|-------------------------|---------------------------|--------|-----------------------------|--|
| 202000000000000000 | Name                    | Lock                      | Active | Creator                     |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
| 045                | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
| 050                | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
|                    | <empty slot=""></empty> |                           |        |                             |  |
| 055                | <empty slot=""></empty> |                           |        |                             |  |
|                    |                         |                           |        |                             |  |
| Number             | 041                     |                           |        | A <sup>a</sup> Set language |  |
| Name               | Normal 60               |                           |        | Edit symbol                 |  |
| - Short desc       |                         |                           |        |                             |  |
| - Short desc       | COLOR                   |                           |        |                             |  |
| Long desc.         |                         |                           |        |                             |  |
|                    |                         |                           |        | 🚺 Write                     |  |
|                    |                         |                           |        |                             |  |
|                    |                         |                           |        | Cancel                      |  |
|                    | lar.                    |                           |        | Used Opt                    |  |
|                    | 15                      | Programs                  |        | Used 0%                     |  |

A. Name. Maximum approximately 12 characters, depending on language used.

B. Short description. Maximum approximately 18 characters, depending on language used. This text will be shown as additional program information below the program name in the machine display.

C. Long description. Max. 7 lines with 20 characters per line. This text is only visible in LPM.

3. If necessary, change the language in which your new program is to be shown in the machine display. This menu also allows you to change the program name, short and long description.

| Supported languages in the machine |            |
|------------------------------------|------------|
| English (US)                       |            |
| Codepage                           |            |
| 1252                               |            |
| Program name preview               |            |
| NORMAL 60                          |            |
| Short description text preview     |            |
| Normal 60 Color                    |            |
| Program free text preview          |            |
| Normal 60 with short<br>extraction |            |
| OK Cancel                          |            |
|                                    | fig.W00389 |

#### Note!

Compass Pro can handle a number of different languages. However, user made programs are always monolingual, and displayed in the language used in their configuration.

4. If you want a symbol to be shown in front of the program name, you can create or edit an existing in the **Symbol** editor. See section: **Symbol editor**.



5. Highlight the program slot in which you want to save your program. 15 slots are available for user made programs (41 to 55). If you select a slot where a program already is stored, it will be overwritten.

#### 6. Click Write.

| 0        |                         | W555H - [USB12 / ac | idr: 0] |        | -                           |
|----------|-------------------------|---------------------|---------|--------|-----------------------------|
| Number   | Name                    |                     | Lock    | Active | Creator                     |
| 041      | <empty slot=""></empty> |                     |         |        |                             |
| 042      | <empty slot=""></empty> |                     |         |        |                             |
| 043      | <empty slot=""></empty> |                     |         |        |                             |
| 044      | <empty slot=""></empty> |                     |         |        |                             |
| 045      | <empty slot=""></empty> |                     |         |        |                             |
| 046      | <empty slot=""></empty> |                     |         |        |                             |
| 047      | <empty slot=""></empty> |                     |         |        |                             |
| 048      | <empty slot=""></empty> |                     |         |        |                             |
| 049      | <empty slot=""></empty> |                     |         |        |                             |
| 050      | <empty slot=""></empty> |                     |         |        |                             |
| 051      | <empty slot=""></empty> |                     |         |        |                             |
| 052      | <empty slot=""></empty> |                     |         |        |                             |
| 053      | <empty slot=""></empty> |                     |         |        |                             |
| 054      | <empty slot=""></empty> |                     |         |        |                             |
| 055      | <empty slot=""></empty> |                     |         |        |                             |
|          |                         |                     |         |        |                             |
| Number   | 041                     |                     |         |        | A <sup>a</sup> Set language |
| Name     | Normal 60               |                     |         |        | U Edit symbol               |
| Short de | sc. COLOR               |                     |         |        |                             |
| Long des |                         |                     |         |        |                             |
| Long dec |                         |                     |         |        | 🚺 Write                     |
|          |                         |                     |         | ſ      | Cancel                      |
|          |                         |                     |         |        |                             |
|          |                         | 15 Programs         |         |        | Used 0%                     |

#### Note!

A user made program will be automatically activated, and placed as the last program visible in the display, when saved to the control unit. In order to move it to another position or to deactivate it, see section: Manage active program.

### 10.3.6 Symbol editor (Compass Pro)

Symbol editor is a simple tool to create or edit an existing symbol to be shown in front of the program name in the machine display.

- 1. Click Edit Symbol button in Write Program to machine dialog window.
- 2. If the program already has a symbol attached, this will be opened, otherwise the editor is empty.
- 3. Use the functions below to draw or edit the symbol, or open a saved symbol from your hard drive.
- 4. If you want to save it for future use, select  ${\bf Save}$  , and name the symbol.
- 5. By selecting Close editor, the symbol is saved to the present program, and the editor is closed.



- A. Undo change and Redo change.
- B. Pen tool. Left click adds pixel, right click removes pixel.
- C. Select. Select an area to copy or move. Shift + drag to copy, Ctrl + drag to move.
- D. Move. Moves all pixels in editor.
- E. Line and Circle tool. Left click to start, release to stop.
- F. Fill area.
- G. Clear all pixels.
- H. Invert pixels.
- I. Load a previously saved symbol.
- J. Save a symbol to hard drive.
- K. Close editor and save symbol to program.

### 10.3.7 Save to program device (Compass Control)

In order to save a program to a control unit, you must have connected your computer to a powered up machine. See section **Communication connection**.

1. Click the Write program to machine button in the toolbar.

2. Once the content of the available memory slots in the connected machine has been read, enter a program name, and additional information.

A. Name. Maximum approximately 14 characters, depending on language used. If you are using more than 10 characters, add a tilde character (~) to make the text wipe in from the right. The ~ will not be shown.

B. Short description. Maximum approximately 15 characters, depending on language used. This text will be shown as program information in the machine display.

C. Long description. Max. 7 lines with 20 characters per line. This text will be shown as program information in the machine display.

| 0              | W475N -                            | COM8 / addr: 0] |        | •                       |
|----------------|------------------------------------|-----------------|--------|-------------------------|
| Number         | Name                               | Lock            | Active | Creator                 |
| 041            | <empty slot=""></empty>            |                 |        |                         |
| 042            | <empty slot=""></empty>            |                 |        |                         |
| 043            | <empty slot=""></empty>            |                 |        |                         |
| 044            | <empty slot=""></empty>            |                 |        |                         |
| 045            | <empty slot=""></empty>            |                 |        |                         |
| 046            | <empty slot=""></empty>            |                 |        |                         |
| 047            | <empty slot=""></empty>            |                 |        |                         |
| 048            | <empty slot=""></empty>            |                 |        |                         |
| 049            | <empty slot=""></empty>            |                 |        |                         |
| 050            | <empty slot=""></empty>            |                 |        |                         |
| Number<br>Name | 041<br>NORMAL 60                   |                 |        | A <sup>a</sup> Set lang |
| Short des      | c. Normal 60 Color                 |                 |        |                         |
| Long desc      | Normal 60 with short<br>extraction |                 |        | Cancel                  |
|                |                                    |                 |        | 20                      |

3. If necessary, change the language in which your new program is to be shown in the machine display by clicking: **Set language** button.

| <ul> <li>English (US)</li> <li>Codepage</li> <li>1252</li> <li>Program name preview</li> <li>NORMAL 60</li> <li>Short description text preview</li> <li>Normal 60 Color</li> <li>Program free text preview</li> <li>Normal 60 with short extraction</li> </ul> | Supported languages in the machine |
|--|------------------------------------|
| 1252<br>Program name preview<br>NORMAL 60<br>Short description text preview<br>Normal 60 Color<br>Program free text preview<br>Normal 60 with short  | English (US)                       |
| Program name preview<br>NORMAL 60<br>Short description text preview<br>Normal 60 Color<br>Program free text preview<br>Normal 60 with short  | Codepage                           |
| NORMAL 60<br>Short description text preview<br>Normal 60 Color<br>Program free text preview<br>Normal 60 with short  | 1252                               |
| Short description text preview<br>Normal 60 Color<br>Program free text preview<br>Normal 60 with short   | Program name preview               |
| Normal 60 Color<br>Program free text preview<br>Normal 60 with short   | NORMAL 60                          |
| Program free text preview<br>Normal 60 with short  | Short description text preview     |
| Normal 60 with short   | Normal 60 Color                    |
|  | Program free text preview          |
|  |                                    |

### Note!

Compass Control can handle a number of different languages. However, user made programs are always monolingual, and displayed in the language used in their configuration.

### 10.3.8 Symbol (Compass Control)

4. If you want a symbol to be shown in front of the program name, you can select one by clicking the **Set Symbol** button. There are a number of symbols to choose from. Select number according to the symbol library below. Symbols are fixed and cannot be edited. Text inside a symbol can be maximum 3 caracters and is only visible in symbols 0 and 1.

| Set symbol                              |           |
|---|-----------|
| Symbol settings<br>Symbol (0-7 allowed) |           |
| 0                                       |           |
| Symboltext                              |           |
| 60°                                     |           |
| Do not show any symbol for this program |           |
| OK Cancel                               |           |
|   | fig.W0039 |

#### Symbol library:

|   | 0 | 1      | 2 | 3 | 4 |
|---|---|--------|---|---|---|
| l | U | $\Box$ | 6 |   | ⊎ |
|   | 6 |        |   |   |   |
|   | 5 |        |   |   |   |
|   |   |        |   |   |   |

5. Highlight the program slot in which you want to save your program. 10 slots are available for user made programs (41 to 50). If you select a slot where a program already is stored, it will be overwritten.

### 6. Click Write.

| 0          |   | W475N - [COM8 / add                | lr: 0] |        |                    | •        |
|------------|---|------------------------------------|--------|--------|--------------------|----------|
| Number     | Nam   | e                                  | Lock   | Active | Cr                 | eator    |
| 041        | <err< td=""><td>npty slot&gt;</td><td></td><td></td><td></td><td></td></err<> | npty slot>                         |        |        |                    |          |
| 042        | <en< td=""><td>npty slot&gt;</td><td></td><td></td><td></td><td></td></en<>   | npty slot>                         |        |        |                    |          |
| 043        | <en< td=""><td>npty slot&gt;</td><td></td><td></td><td></td><td></td></en<>   | npty slot>                         |        |        |                    |          |
| 044        | <en< td=""><td>npty slot&gt;</td><td></td><td></td><td></td><td></td></en<>   | npty slot>                         |        |        |                    |          |
| 045        | <em< td=""><td>npty slot&gt;</td><td></td><td></td><td></td><td></td></em<>   | npty slot>                         |        |        |                    |          |
| 046        | <en< td=""><td>npty slot&gt;</td><td></td><td></td><td></td><td></td></en<>   | npty slot>                         |        |        |                    |          |
| 047        |   | npty slot>                         |        |        |                    |          |
| 048        |   | npty slot>                         |        |        |                    |          |
| 049<br>050 |   | npty slot><br>npty slot>           |        |        |                    |          |
| Number     |   | 041                                |        |        | A <sup>a</sup> Set | : langua |
| Name       |   | NORMAL 60                          |        |        | U Se               | t symb   |
| Short des  | C.  | Normal 60 Color                    |        |        |                    |          |
| Long desc  | c.  | Normal 60 with short<br>extraction |        |        |                    | Write    |
|            |   | 10 Programs                        |        |        |                    | Used 0   |

#### Note!

A user made program will be automatically activated, and placed as the last program visible in the display, when saved to the control unit. In order to move it to another position or to deactivate it, see section: Manage active program.

# 11 Other

### 11.1 Converting an \*lpf or \*.wpf file to a different machine file

This is useful if you want to re-use a program that you have made for one machine model as a template when making a program for another machine model.

1. Go to Machine view and click "Open program from file".

| Machine view             | Favorites: Favorites 1                 | • +      | -      |                      |                                       |                   |          |                            |
|--------------------------|--|----------|--------|----------------------|---------------------------------------|-------------------|----------|----------------------------|
|                          | Available machine types                |          |        |                      |                                       |                   | Edit and | create programs            |
| <u>≥</u> ĝ               | Clarus Control (153 available)         |          |        |                      |                                       | ♦ <sup>83</sup> _ |          | Create a new program       |
|                          | ▲ IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | 1        |        | 1                    | i i i i i i i i i i i i i i i i i i i | \$                |          |                            |
|                          | EX618 Compass                          | Wascomat | Rev: 5 | <b>₩</b> () <b>₩</b> | 2011-01-17 08:33:26                   | \$                |          | Read program from machine  |
|                          | EX625 Compass                          | Wascomat | Rev: 4 | 🖬 💿 🖽                | 2011-01-17 08:34:09                   | \$                |          | Open program from file     |
|                          | EX630 Compass                          | Wascomat | Rev: 4 | 🖬 💮 🖽                | 2011-01-17 08:34:36                   | \$                |          |                            |
| Machine view             | EX645 Compass                          | Wascomat | Rev: 4 | 🖬 🕥 🖽                | 2011-01-17 08:35:36                   | 숥                 | <u>8</u> | Open program from database |
| 1                        | EX660 Compass                          | Wascomat | Rev: 4 | <b>U</b>             | 2011-01-17 08:36:48                   | \$                |          |                            |
|                          | EX677 Compass                          | Wascomat | Rev: 4 | <b>U</b>             | 2011-01-17 08:38:16                   |                   |          |                            |
| Card manager             | EXSM 665 Compass                       | Wascomat | Rev: 1 | <b>U</b> 🕢 U         | 2011-01-17 09:37:50                   |                   |          |                            |
|                          | EXSM680 Compass                        | Wascomat | Rev: 1 | <b>⊎</b> ⊚ ⊎         | 2011-01-17 09:38:14                   |                   |          |                            |
|                          | SU620 Compass                          | Wascomat | Rev: 2 | <b>U</b> () <b>U</b> | 2011-01-17 09:23:28                   | \$                |          |                            |
|                          | SU620 Compass                          | Wascomat | Rev: 4 | <b>U</b>             | 2011-01-17 08:39:42                   | \$                |          |                            |
|                          | SU625 Compass                          | Wascomat | Rev: 4 | <b>U</b>             | 2011-01-17 08:40:04                   | \$                |          |                            |
|                          | SU625 Compass                          | Wascomat | Rev: 2 | <b>U</b> 🛈           | 2011-01-17 09:23:56                   |                   |          |                            |
|                          | SU630 Compass                          | Wascomat | Rev: 2 | <b>U</b> 🛈           | 2011-01-17 09:24:30                   |                   |          |                            |
|                          | SU630 Compass                          | Wascomat | Rev: 4 | 🖬 🕢 🖽                | 2011-01-17 08:40:24                   |                   |          |                            |
|                          | SU640 Compass                          | Wascomat | Rev: 5 | 🖬 🕥 🖽                | 2011-01-17 09:51:06                   | 숯                 |          |                            |
|                          | SU645 Compass                          | Wascomat | Rev: 2 | <b>U</b>             | 2011-01-17 09:26:28                   | 会                 |          |                            |
|                          | SU655 Compass                          | Wascomat | Rev: 4 | <b>U</b>             | 2011-01-17 09:51:48                   | 会                 |          |                            |
|                          | SU662 Compass                          | Wascomat | Rev: 2 | <b>U</b> 🕢 🖌         | 2011-01-17 09:27:52                   | <u>⇒</u> -        |          |                            |
| Connections<br>(2 found) |  |          |        | 2                    | Scan for connected m                  | achines           |          |                            |

2. While pressing the "SHIFT" key, select the \*.wpf or \*.lpf file you want to open, and click **Open**. The **Select machine type** window will open, showing possible machine types to open the selected program with.

Note that it is not possible to convert between different control systems and not between a dryer and a washer or vice versa.

| Organize New folder     Organize New folder     Pavorites 60° NORMAL W4180H.lpf   Laundry Program 24 bytes     Desktop   Downloads   Recent Places   Ibraries   Documents   Music   Pictures   Videos   In Computer   Load Disk (c)   DVD/CD-RW Driv   File name   HEAVY SOIL 88.lpf   Laundry Program   Laundry Program   Load Disk (c)   File name HEAVY SOIL 88.lpf Laundry Program file (x6.0) (*14, * Open * Cancel   | 🔛 Load program   |   | ×                                |  |
|--|--|---|----------------------------------|--|
| Favorites       © NORMAL W4180H.lpf         Desktop       Laundry Program         Ownloads       Recent Places         Libraries       HEAVY SOIL 88.lpf         Music       Laundry Program         Pictures       1.02 KB         Videos       1.02 KB   | Wy Documents > My Laundry Programs   |   | - + Search My Laundry Programs P |  |
| Desktop   Downloads   Recent Places   Ibraries   Documents   Music   Pictures   Videos   DVD/CD-RW Drix   KINGSTON (E:)   File name: HEAVY SOIL 88.lpf Laundry Program Laundry | Organize  New folder   |   | u- • 🔟 🔞                         |  |
|  | Desktop Downloads Recent Places Libraries Documents Music Pictures Videos Computer Local Disk (C:) DV/CD-RW Drix KINGSTON (E:) | Laundry Program<br>494 bytes<br>NORMAL 95.lpf | Laundry Program<br>1,02 KB       |  |
|  | File name: HEAVY SOIL 88.lpf   |   |                                  |  |
|  |  |   |                                  |  |

3. From the **Select machine type** window, select the machine model you want to convert the program to, and click **OK**.

| hine types                |  |  |  |  | QK   |  |
|---------------------------|--|--|--|--|--|--|
| Compass Pro (7 available) |  |  |  |  |  |  |
| 1                         | Electrolux   | Rev: 0   | <b>U</b> 🛈 🖬   | 2012-08-20 16:21:00  |  |  |
| 1                         | Electrolux   | Rev: 0   | <b>U</b> 🖲 🛛   | 2012-08-20 16:24:19  | *  |  |
| 1                         | Electrolux   | Rev: 0   | <b>U</b>   | 2012-05-25 10:21:10  | *  |  |
| н                         | Electrolux   | Rev: 0   | <b>U</b> ()  | 2012-08-24 15:10:47  | *  |  |
| н                         | Electrolux   | Rev: 0   | <b>U</b> () <b>U</b>   | 2012-09-07 14:10:51  | <b>*</b>   |  |
| N                         | Electrolux   | Rev: 0   | <b>U</b> ()  | 2012-08-20 16:29:52  | *  |  |
| N                         | Electrolux   | Rev: 0   | <b>U</b> () <b>U</b>   | 2012-08-20 16:28:07  | -<br>  |  |
|                           |  |  |  |  |  |  |
| thines 🚖 My favorites     |  |  |  |  |  |  |
|                           | Compass Pro (7 available)  Compass Pro (7 availa | H Electrolux<br>H Electrolux<br>H Electrolux<br>H Electrolux<br>N Electrolux | H Electrolux Rev: 0<br>H Electrolux Rev: 0<br>H Electrolux Rev: 0<br>H Electrolux Rev: 0<br>IH Electrolux Rev: 0<br>IN Electrolux Rev: 0 | H     Electrolux     Rev: 0     Image: Comparison of the second | H       Electrolux       Rev: 0       Image: Organization of the state of the | Compass Pro (/ available)         Electrolux         Rev: 0         Image: Compass Pro (/ available)         Cance           H         Electrolux         Rev: 0         Image: Compass Pro (/ available)         Image: Compass |

Now you will have two warning messages.

The first will inform you that some minimum or maximum values for the machine are exceeded, and the second informs you that the program is opened with a machine file that the program was not created for.

#### Note!

The program will automatically be adjusted so that values are within limits, but parameters might need to be changed in order to achieve the optimal result and function. It is recommended that you check all parameters in the program before using it.





Once the warning messages are confirmed, the program will open with the new machine file.

The lower section of the Program editor pane shows all parameters that have been changed in order to conform to minimum or maximum values for the new machine file. When you save the program, these new values will be used in the program.

| Program editor | Save program to file  | Write program to machine              | Manage active programs    | Erase programs | × Close                     |
|----------------|---|---------------------------------------|---------------------------|----------------|-----------------------------|
| Program eutor  |   |                                       | in manage active programs |                |                             |
|                | Sequence database   | HEAVY SOIL 88                         |                           |                | My program                  |
| 2              | 📋 Database manager   🗐   🎽  |                                       | change                    |                | 🦢 Add 🗸 🥘 🖄 🔝 🛕             |
|                | <ul> <li>Default data</li> <li>Head</li> </ul>  | 0 - Head                              |                           |                | HEAVY SOIL 88               |
|                | Prewash   | Count weight                          |                           | 🔽 On           | Mainwash                    |
| ñ              | Mainwash  | Start Extraction                      |                           | Off Off        | Mainwash                    |
|                | Rinse   | Buzzer at Program end                 |                           | 🔽 On           | Mainwash                    |
| Machine view   | Pre-Rinse   | Powder, flush valve from wash program | n                         | 🔽 On           | Mainwash                    |
|                | Soak  | Liquid, flush main cold water valve   |                           | 🔽 On           | Mainwash                    |
| An             | Cool     Drain  | Motor action 1 on time, CW            |                           | 00:06          | Brain     @ Extraction      |
| 1919           | Orall     Extraction  | Motor action 1 on time, CCW           |                           | 00:06          | Binse                       |
|                | w End   | Motor action 1 off time               |                           | 00:18          | Drain                       |
| Card manager   |   | Motor action 2 on time, CW            |                           | 00:15          |                             |
|                |   | Motor action 2 on time, CCW           |                           | 00:15          | Finse                       |
|                |   | Motor action 2 off time               |                           | 00:04          | Drain                       |
|                |   | Motor action 3 on time, CW            |                           | 00:08          |                             |
| Program editor |   | Motor action 3 on time, CCW           |                           | 00:08          | 2 chu                       |
|                |   | Motor action 3 off time               |                           | 00:07          |                             |
|                |   | Motor action 4 on time, CW            |                           | 00:00          |                             |
|                |   | Motor action 4 on time, CCW           |                           | 00:00          |                             |
|                | Sequence information  | Motor action 4 off time               |                           | 00:03          | Current Program (516 Bytes) |
|                | Name -<br>Size -  | Motor action 5 on time, CW            |                           | 00:00          | 21%                         |
|                | Size -  | Motor action 5 on time, CCW           |                           | 00:00          |                             |
|                | 🛄 Default data  | HEAVY SOIL 88                         |                           |                | HEAVY SOIL 88               |
|                | Print changed values  |                                       |                           |                |                             |
|                | ਰ<br>਼ Data   | Loaded                                | Changed to                |                |                             |
|                | nang = 1 - Mainwash(1)  |                                       |                           |                |                             |
|                | Data     Data     Data     Data     Data     Data     Data     Data     Data     Motor Speed During     Motor Speed During     Motor Speed During | Heating (Rpm) 54                      | 48                        |                |                             |
| ~              | Motor Speed During  | g Wash (Rpm) 54                       | 48                        |                |                             |
| Connections    | 2 - Mainwash(2)   |                                       |                           |                |                             |
|                | X Motor Speed During  | Heating (Rpm) 54                      | 48                        |                |                             |

### 11.2 Manage active programs (Compass Control and Compass Pro)

This functionality is implemented in later versions of Compass Control software. See section: **System requirements**. Manage active programs allows you to activate, deactivate and arrange the order of appearance for the programs in the display. From **Machine view** select a connected machine and click **Manage active programs on machine**.



A. In the left column all available programs in the machine are shown, together with information which programs are active.

B. In the right column the active programs list in machine is shown, numbered in the order they will appear in the machine display.

C. By selecting a program in left column and clicking **Add to active program list**, the program gets activated. You can also click left mouse button and drag over a program from left column to right column.

D. By selecting a program in right column and clicking **Remove from active program list** the program gets deactivated. You can also double click the activated program to deactivate it.

E. Select an activated program and click Arrow up or Arrow down to reorganize the order of active programs.

F. By clicking the buttons **Show factory made programs** and/or **Show customer made programs** you can sort out the programs you want to see in **All programs in machine**.

G. Before changes will take effect you will have to write them to Compass Control by clicking the button **Write** changes to machine.

### 11.3 Copy a memory card (Clarus Control)

This functionality is used to duplicate a Clarus Control memory card. From **Card manager** select the card reader with the card that you want to duplicate and click **Copy Card**.

1. Click the **Read data from card** button. All data stored on the source memory card will be copied to the computer memory.

### Note!

#### It is not possible to copy a hard locked memory card.

2. Remove the source card from the reader and insert a new empty target memory card.

#### Note!

#### Any programs on the target memory card will be overwritten.

3. Click the **Write data to card** button. All data copied from the source memory card will now be written to the target memory card.

4. To make multiple copies repeat steps 2 and 3. A counter keeps track of the number of copies made.

| C Make card copies                           |      |
|--|------|
| Reader: 🥪 Electrolux ELS WPM Card Reader 0 - |      |
| Read data from card                          |      |
| 0%   |      |
| Target                                       |      |
| Write data to card                           |      |
| 0%   |      |
| Written 0 times                              |      |
| Close  |      |
|  | fig. |

### 11.4 Format a memory card (Clarus Control)

This functionality is used to remove all data from a Clarus Control memory card. From Card manager select the card reader with the card that you want to format and click **Format Card**.

1. A message appears warning you that all data on the memory card will be lost during formatting.

2. If you want to continue wit the formatting process, click Yes. To abort the operation, click No.

| Format card   |            |
|---|------------|
| Are you sure you want to format the card?<br>All programs will be lost! |            |
| Yes No  |            |
|   | fig.W00401 |

### 11.5 Locking a memory card (Clarus Control)

There are two ways of locking a memory card, **Lock** and **Hardlock**. From **Card manager** select the card reader with the card that you want to lock and click **Lock** or **Hardlock**.

1. Lock. Locking a memory card allows you to protect it from being overwritten.

A locked card can be unlocked using the function **Unlock**. Confirm by clicking **Yes**.

| Change lock on card                     |            |
|---|------------|
| Are you sure you want to lock the card? |            |
|   | fig.W00402 |

2. Hardlock. Hardlocking a memory card allows you to protect it from being overwritten and copied.

#### Note!

#### A hardlocked card can not be unlocked or copied.

Confirm by clicking **Yes**, or **No** to abort the operation.

| Are you sure you want to hardlock the card?<br>You will not be able to open the card for reading again!<br>Yes No | Change lock on card |            |
|---|---------------------|------------|
|   |                     |            |
| fig.W00403  | Yes No              | fig W00403 |

# **12 Trouble shooting**

### 12.1 Warning message when opening a program

Warning message when opening a program from a program device, \*.lpf or \*.wpf file.

This warning message indicates that the program you just opened has parameters set outside the limits stated in the selected machine file. This can happen if a machine file has been updated since the program was created, or when opening a program with a different machine file than the program was originally made for.

| Warning  |            |
|--|------------|
| Some values, in the program you just opened, exceeds the min or max<br>limits for current machine.<br>To keep these new values the program must be saved.<br>Close without saving if you don't want to keep the changes. |            |
| ОК   |            |
|  | fig.W00396 |

LPM has adjusted all parameters to fit within the limits. You should always check that the values are acceptable before you save the program again.

A list of the values automatically changed, is shown in the lower part of LPM window. You can toggle this view on and off by clicking the **Show auto changed values** button (A).

| -              | Settings Window Help                    |  |                       |  |
|----------------|---|--|-----------------------|--|
| Program editor | Save program to file                    | Write program to machine Manage active program | rams 🛃 Erase programs | × Close  |
|                | Sequence database                       | HEAVY SOIL 88                                  |                       | My program   |
| -0             | 📋 Database manager   💷   🧎              |  |                       | 🧐 Add 🗸 📋 🖄 🔠 🛕                                    |
|                | ✓ ☑ Default data ↓ Head                 | 0 - Head                                       |                       | ▲      ▲      ■      HEAVY SOIL 88     ■      Head |
|                | Prewash                                 | Count weight                                   | 🕼 On                  | Mainwash   |
| Ö              | Mainwash                                | Start Extraction                               | Coff Off              | Mainwash   |
| 9              | Rinse                                   | Buzzer at Program end                          | 🖾 On                  | ► 🛄 Mainwash                                       |
| Machine view   | Pre-Rinse                               | Powder, flush valve from wash program          | 🕼 On                  | Mainwash   |
|                | Soak                                    | Liquid, flush main cold water valve            | 🖉 On                  | Mainwash   |
| A              | <ul> <li>Cool</li> <li>Unain</li> </ul> | Motor action 1 on time, CW                     | 00:06                 | Drain     Btraction                                |
| 07             |   | Motor action 1 on time, CCW                    | 00:06                 | Rinse  |
| -              | 🗾 End                                   | Motor action 1 off time                        | 00:18                 | Drain  |
| Card manager   |   | Motor action 2 on time, CW                     | 00:15                 | Bxtraction   |
|                |   | Motor action 2 on time, CCW                    | 00:15                 | Binse  |
|                |   | Motor action 2 off time                        | 00:04                 | Drain     Bitraction                               |
|                |   | Motor action 3 on time, CW                     | 00:08                 | End  |
| Program editor |   | Motor action 3 on time, CCW                    | 00:08                 |  |
|                |   | Motor action 3 off time                        | 00:07                 |  |
|                |   | Motor action 4 on time, CW                     | 00:00                 |  |
|                |   | Motor action 4 on time, CCW                    | 00:00                 |  |
|                | Sequence information                    | Motor action 4 off time                        | 00:03                 | Current Program (516 Bytes)                        |
|                | Name -<br>Size -                        | Motor action 5 on time, CW                     | 00:00                 | 21%  |
|                |   | Motor action 5 on time, CCW                    | 00:00                 |  |
|                | 🛄 Default data                          | HEAVY SOIL 88                                  |                       | HEAVY SOIL 88                                      |
|                | E Print changed values                  |  |                       |  |
|                | Data                                    | Loaded Changed to                              |                       |  |
| 1              | 📑 1 - Mainwash(1)                       |  |                       | 4  |
| 2              | Motor Speed Durin                       |  |                       | 4  |
| ~              | Motor Speed Durin<br>2 - Mainwash(2)    | g Wash (Rpm) 54 48                             |                       |  |
| Connections    | X Motor Speed Durin                     | g Heating (Rpm) 54 48                          |                       |  |
|                |   | g reading (riprity                             |                       |  |

#### Note!

The program must be saved in order for the adjusted values to apply. This includes automatically changed values as well as changes that you have made manually.

### 12.2 Machine files not shown in Machine view

Make sure you see a number of available machine files to the right of each headline (A).

1. In order to see the available machine files it might be necessary to click the arrow to the left of the headline (B).

2. If you have some machine files available, but not all that you expect, please go to ELS webpage and download latest version of LPM and update your installation. This will include all presently available machine files as well as updated ones.

3. If you still can not see any machine files, make sure you have the correct search path stated in the **Settings** menu under **Directories**. Open an explorer window and navigate to the stated directory, and make sure the machine files are there. Machine files have a file extension \*.mac.

4. If you can not find the \*.mac files, try re-installing LPM according to instructions in section: Installing LPM.

5. During installation of LPM, make sure you include the correct brand names for the machine files you want to use. See section: **Installing LPM**.

| ELS Laundry Program      | n Manager 6                                      |                                  |          |                            |
|--------------------------|--|----------------------------------|----------|----------------------------|
| File Edit Settings Wi    | indow Help                                       |                                  |          |                            |
| Machine view             | Favorites: Favorites 1 + -                       | -                                |          |                            |
|                          | Available machine types                          | _                                | Edit and | create programs            |
| 1 <b>1</b>               | Clarus Control (165 available)                   | <b>€</b> <sup>□</sup> ▲          |          | Create a new program       |
|                          | Compass Control (79 available)                   | <b>₽</b> ₽                       |          |                            |
|                          | Compass Pro (21 available)                       | ● <sup>13</sup>                  |          | Read program from machine  |
| Õ                        |  |                                  |          | Open program from file     |
| Machine view             |  |                                  |          | Open program from database |
| 10 Ter (1)               |  |                                  |          |                            |
| Connections<br>(1 found) | All machines 👷 My favorites 🔘 Connected machines | ₹<br>Scan for connected machines |          |                            |
| Connections<br>(1 found) | All machines 🙀 My favorites 💽 Connected machines | Scan for connected machines      |          |                            |

### 12.3 Not possible to read programs from Clarus Control memory card

This can be caused by:

1. The card being incorrectly inserted, upside down or poor contact in the card reader. Try removing the card from the reader and re-insert it.

2. The Card reader is incorrectly configured or not detected by the computer's operating system. Make sure the Electrolux ELS Card reader driver is correctly installed and up to date, and that the card reader is connected to the USB port before LPM is launched. When the card reader is connected the LED at the USB symbol should be lit, and when a card is inserted the LED at the card symbol should be lit. Try removing the card reader from the USB connection on your computer and the card from the reader. Close LPM application. Wait one minute before you connect the USB cable again. Start LPM, insert the card into the reader, and try again.

3. Wrong driver or driver incorrectly installed. Uninstall the card reader using **Device manager** and reinstall the card reader driver. See section: Installation of drivers.

4. LPM does not recognize the card reader. Unplug the reader from your computer, wait one minute and reconnect it. If none of the above procedures corrects the problem, the card is probably defective. Try formatting the card or replacing the card. If you format the card, all data held on the memory card will be lost. If the problem is still present, the card reader may be defective and needs to be replaced.

#### Note!

Never try to use any other card reader than the original Electrolux ELS Card reader.

#### 12.4 User made programs disappear after software update

When machine software is updated, all user made programs will become inactive. User made programs are saved on memory slots 41 to 50 on Compass Control and on slots 41 to 55 on Compass Pro.

In order to activate them again, follow steps in section: Manage active programs.

#### Note!

If you choose to delete user made programs during machine software upload, they will be permanently lost. Refer to ELS Common Service Tool manual.

#### 12.5 The program device does not support the language you selected

This message appears when you try to upload a program to a program device if the language you select in the **Edit name / free text** dialog in **Program editor**, is not supported by the software in the program unit.

To be able to upload the program, you must use a language that is supported by the program device when you write text in the Program texts dialog,

Click **Set language** and select a language from the list. The list only contains languages that are supported by the program device.

| Number       Name       Lock       Active       Creator         0 041       LIGHT SOIL 40       Image: Constraint of the second s | 0        | W555H -       | [USB12 / addr: 0] |          |         | 3     |
|---|----------|---------------|-------------------|----------|---------|-------|
| <ul> <li>○ 042</li> <li>NORMAL 72</li> <li>○ 043</li> <li>HEAVY SOIL 85</li> <li>○ 044</li> <li>HEAVY SOIL 80</li> <li>○ 045</li> <li>HEAVY SOIL 60</li> <li>○ 045</li> <li>HEAVY SOIL 60</li> <li>○ 045</li> <li>HEAVY SOIL 30</li> <li>○ 045</li> <li>HEAVY SOIL 30</li> <li>○ 047</li> <li>LIGHT SOIL 35</li> <li>○ 048</li> <li>LIGHT SOIL 45</li> <li>○ 049</li> <li>HEAVY SOIL 85</li> <li>○ 050</li> <li>MACHINE CLEAN</li> <li>○ 050</li> <li>MACHINE CLEAN</li> <li>○ 050</li> <li>MACHINE CLEAN</li> <li>○ 050</li> <li>MACHINE CLEAN</li> <li>○ 050</li> <li>○ 050</li></ul>   | Number   | Name          | Lock              | Active   | Creator |       |
| ☑ 042       NORMAL 72       ☆       ☑ User         ☑ 043       HEAVY SOIL 85       ☆       ☑ User         ☑ 044       HEAVY SOIL 80       ☆       ☑ User         ☑ 045       HEAVY SOIL 60       ☆       ☑ User         ☑ 046       LIGHT SOIL 30       ☆       ☑ User         ☑ 047       LIGHT SOIL 35       ☆       ☑ User         ☑ 048       LIGHT SOIL 45       ☆       ☑ User         ☑ 049       HEAVY SOIL 85       ☆       ☑ User         ☑ 049       HEAVY SOIL 85       ☆       ☑ User         ☑ 050       MACHINE CLEAN       ☆       ☑ User         Name       MACHINE CLEAN       ▲       ☑ User         Name       MACHINE CLEAN       ▲       ☑ Edit symt         Short desc.       EMPTY DRUM        ☑ Edit symt  | 041      | LIGHT SOIL 40 |                   | 2        | 🕵 User  |       |
| ☑ 050 MACHINE CLEAN       ★ Active       S User         ▲ The machine does not support the language you are using, please change!       Number         Number       ▲ Set langua         Name       MACHINE CLEAN         Short desc.       EMPTY DRUM         Long desc.       Image: Market and the set of th   | 042      | NORMAL 72     |                   |          | 🕵 User  |       |
| ☑ 050 MACHINE CLEAN       ★ Active       S User         ▲ The machine does not support the language you are using, please change!       Number         Number       ▲ Set langua         Name       MACHINE CLEAN         Short desc.       EMPTY DRUM         Long desc.       Image: Market and the set of th   | 043      | HEAVY SOIL 85 |                   | 2        | 🕵 User  |       |
| ☑ 050 MACHINE CLEAN       ☆ Active       S User         ▲ The machine does not support the language you are using, please change!       Number         Number       A <sup>3</sup> Set langua         Name       MACHINE CLEAN         Short desc.       EMPTY DRUM         Long desc.       Image: Clean   | 044      | HEAVY SOIL 80 |                   | \$       | 🕵 User  | Ξ     |
| ☑ 050 MACHINE CLEAN       ☆ Active       S User         ▲ The machine does not support the language you are using, please change!       Number         Number       A <sup>3</sup> Set langua         Name       MACHINE CLEAN         Short desc.       EMPTY DRUM         Long desc.       Image: Clean   | 045      | HEAVY SOIL 60 |                   | 2        | 🕵 User  |       |
| ☑ 050 MACHINE CLEAN       ☆ Active       S User         ▲ The machine does not support the language you are using, please change!       Number         Number       A <sup>3</sup> Set langua         Name       MACHINE CLEAN         Short desc.       EMPTY DRUM         Long desc.       Image: Clean   | 046      | LIGHT SOIL 30 |                   | à        | 🕵 User  |       |
| ☑ 050 MACHINE CLEAN       ☆ Active       S User         ♪ The machine does not support the language you are using, please change!         Number       A <sup>3</sup> Set langua         Name       MACHINE CLEAN         Short desc.       EMPTY DRUM         Long desc.       Image: Clean and the set of   | 047      | LIGHT SOIL 35 |                   | 23       | 🕵 User  | - 324 |
| ☑ 050 MACHINE CLEAN       ★ Active       S User         ▲ The machine does not support the language you are using, please change!         Number       A <sup>a</sup> Set langua         Name       MACHINE CLEAN         Short desc.       EMPTY DRUM         Long desc.       Image: Clean  | 048      | LIGHT SOIL 45 |                   | \$       | 🕵 User  |       |
| The machine does not support the language you are using, please change!  Number Name MACHINE CLEAN Long desc.   | 049      | HEAVY SOIL 85 |                   | 2        | 🕵 User  |       |
| Number     A <sup>3</sup> Set langua       Name     MACHINE CLEAN       Short desc.     EMPTY DRUM       Long desc.     Write   | 050      | MACHINE CLEAN |                   | 🚖 Active | 🕵 User  | -     |
| Write   | Name     |               |                   |          |         |       |
| 15 Programs   | Long des |               |                   |          | Cancel  |       |
| 15 Programs Used (  |          |               |                   |          | lined   | 0.07  |

## 12.6 Driver for ELS Compass Pro or ELS LPM Card reader is not installed

### Note!

You need to have administrator rights to install the drivers.

If the driver installation according to section: **Installing drivers** fails, it might be necessary to follow the below steps to re-install them.

Open Device manager on your computer and double click the ELS Compass Pro under **Universal Serial Bus Con**trollers or the ELS Card reader under **Smart card readers**.

In the Properties window, select the Driver tab and click Update driver

In the **Update Hardware Wizard**, select **No**, **not this time** when asked if you want to use Windows Update to search for a driver. Instead, select "Install from a specific location" and browse to the folder "**C:\Program Files\Electrolux \ELS Laundry Program Manager\Drivers\CardReader**" for ELS Card reader driver and to "**C:\Program Files\Electrolux\ELS Laundry Program Manager\Drivers\CompassProUSB**" for the ELS Compass Pro driver.



| Browse For Folder   |
|---|
| Select the folder that contains drivers for your hardware.  |
| Common Files  Electrolux  Ele |
| 🤒 amd64 👻   |
| Folder: CompassProUSB   |
| fig.W00408  |

Click Next or Finish on the next few screens, until your driver is installed.

#### 12.7 Not possible to write program to machine

From **Program editor**, when you have made a program for a Compass Control or Compass Pro, it can be written to the machine under certain circumstances. If the buttons **Write program to machine**, **Manage activate programs** and **Erase programs** are not active, it is not possible to perform any of these actions. This can be due to different reasons.

| ELS Laundry Program  | Manager 6 - [W555H/NORMA] | L 80]                    |                        |                  |
|----------------------|---------------------------|--------------------------|------------------------|------------------|
| File Edit Program Se | ttings Window Help        |                          |                        |                  |
| Program editor       | Save program to file      | Write program to machine | Manage active programs | 🗔 Erase programs |
|                      | Sequence database         | ORMAL 80                 |                        |                  |
|                      |                           |                          |                        | fig.W00414       |

1. The machine must be connected and scanned in LPM. See section: **Scanning for connected machines**.

2. If the green connection symbol is not shown in front of the relevant machine model in the **Machine view**, press the **Scan for connected machines** button.

3. If this does not help, remove the adapter cable or USB cable for ten seconds, and then connect it again. Press the **Scan for connected machines** button and check in the **Port scan log** under **Connections**, that a machine is found. Make sure that it is of the same model as the machine file used in the program.



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