

KONFORT TOUCH



TEXA

ENGLISH (US).....5

SUMMARY (US)

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1 REVISION OF THE MANUAL

This document is the operating manual for the product: KONFORT TOUCH charging stations

Document Revision Number: 02

Date of Issue: 30/11/2022

INFORMATION	<p><i>Read this manual before using the product.</i></p> <p><i>Read the documents carefully whenever the General Risk symbol appears.</i></p>
	

2 INTRODUCTION

Dear Customer,

We would like to thank you for choosing a TEXA product for your workshop.

We are certain that you will get the greatest satisfaction from it and receive a great deal of help in your work.

Please read through the instructions in this manual carefully and keep it for future reference.

Reading and understanding the following manual will help you avoid damage or personal injury caused by improper use of the product to which it refers.

TEXA S.p.A reserves the right to make any changes deemed necessary to improve the manual for any technical or marketing requirement; the company may do so at any time without prior notice.

This product is intended for use by technicians specialized in the automotive field only. Reading and understanding the information in this manual cannot replace adequate specialized training in this field.

The sole purpose of the manual is to illustrate the operation of the product sold. It is not intended to offer technical training of any kind and technicians will therefore carry out any intervention under their own responsibility and will be accountable for any damage or personal injury caused by negligence, carelessness, or inexperience, regardless of the fact that a TEXA S.p.A. tool has been used based on the information in this manual.

Any additions to this manual, useful in describing the new versions of the program and new functions associated to it, may be sent to you through our TEXA technical bulletin service.

This manual should be considered an integral part of the product to which it refers. If it is resold the original buyer is therefore required to forward the manual to the new owner.

Reproduction, whole or in part, of this manual in any form whatsoever without written authorization from the manufacturer is strictly forbidden.

The original manual was written in Italian, every other language is a translation of the original manual.

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3 USER SOFTWARE INSTRUCTIONS

The software used by the **KONFORT TOUCH** charging stations is the same for all the models of the series.

NOTICE



The software products cannot be developed to work without any margin of error with respect to all the possible applications and uses; furthermore, the updated software versions could introduce imprecisions that were not in the previous version. The licensee accepts this possibility.

INFORMATION

The pictures in this manual are only examples and refer to the screens shown in the models:780.

Any specific functions for a particular model are indicated in the text.

3.1 Selections and Data Entry

All functions can be selected by pressing the related icon / item on the touchscreen.

Specific options can be selected / deselected by acting on the related "switch" .

Certain software functions require data to be entered manually (numerical values, names, etc.). For this reason, the software has specific editable fields.

Simply press on the editable field to display, based on the field, an alphanumeric keyboard or a numeric keypad that can be used to enter the desired data.

3.2 Password

Certain functions are protected by passwords with different levels of protection.

The **password** reserved for the operator is **1236**.

INFORMATION

The functions that cannot be accessed with this password are for technical assistance personnel or retailers only.

3.3 Performing Guided Procedures

Some software functions have a guided procedure.

The software guides the operator through the procedure with specific displayed messages.

Some messages provide precise information regarding the operations to be performed.

NOTICE

In order to complete the various operations successfully, you must carefully follow the software indications and read and understand the Technical Manual.

3.4 Error signals

The software shows the possible errors through specific displayed messages.

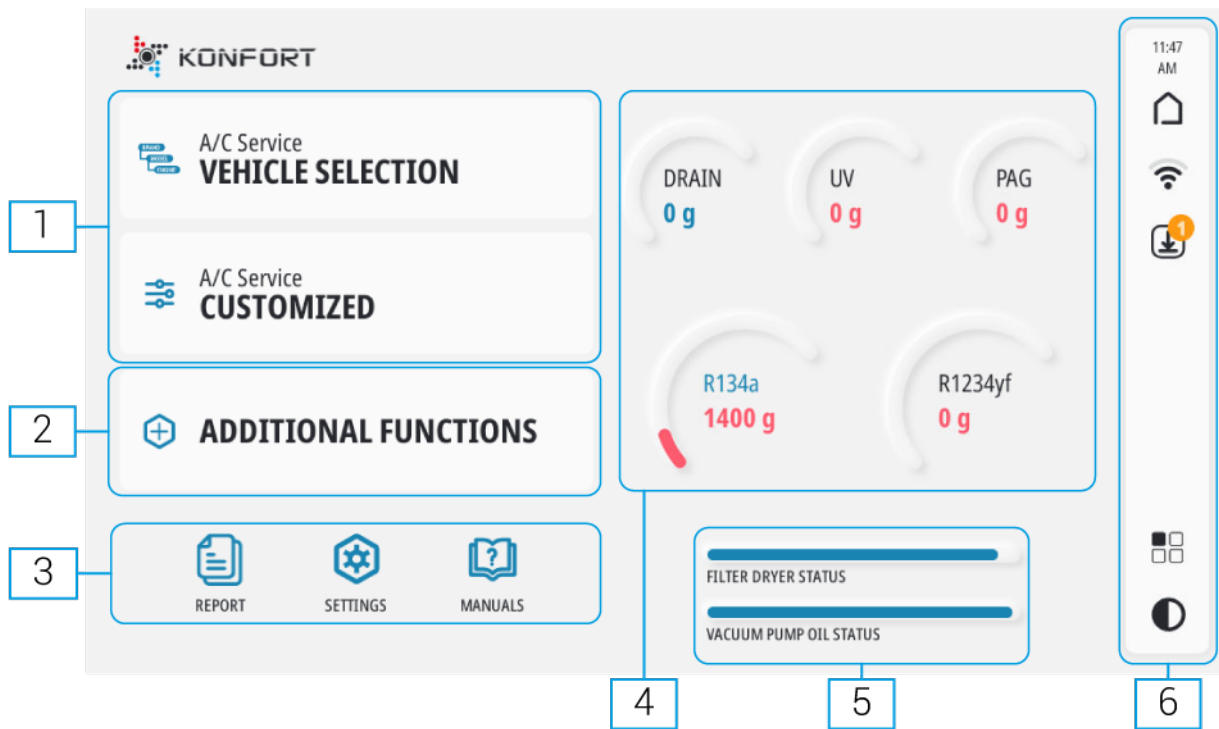
Some messages indicate which icons must be pressed to proceed with the procedure.

INFORMATION

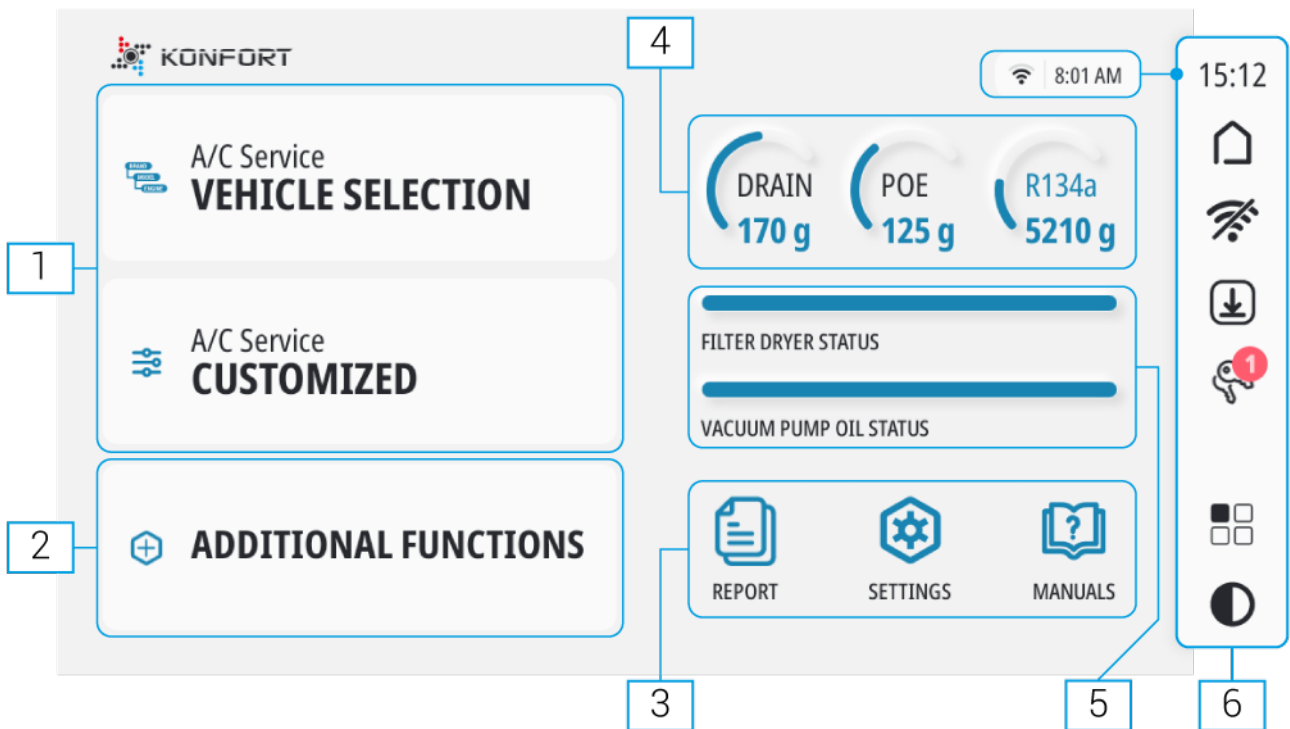
The error messages shown during the execution of a recharging service require to select whether to continue the current phase or not.

4 HOME

KONFORT 780 TOUCH / 760 TOUCH / 760 TOUCH / 760 BUS TOUCH / 720 TOUCH



KONFORT 707 TOUCH / 707 OFF ROAD TOUCH / 710 TOUCH / 712 TOUCH



1. A/C SERVICE

VEHICLE SELECTION

Guided selection of the vehicle to be serviced in the **TEXA Database** or in the personal database **My Database**.

The values related to the various phases (quantity, duration, mode, etc.) will be pre-set at the end of the selection.

CUSTOMIZED

Manual selection of the A/C system service phases and setting of the related values (quantity, duration, mode, etc.).

2. ADDITIONAL FUNCTIONS¹

- *Tank filling*
- *Oil scale reset*
- *Flushing*
- *Scale check*
- *Total and resettable counters*
- *Partial counters*
- *System check*
- *Forming gas*
- *Rec +*
- *External cylinder vacuum*
- *Non-condensable gas*
- *Bottle management*

3. SERVICE FUNCTIONS

REPORT LIST

SETTINGS

- *Wi-Fi*
- *Display*
- *Accessories*
- *Language and zone*
- *User data*
- *Software version*
- *Activation status*
- *Advanced settings*

MANUALS

4. TYPE AND AMOUNT OF FLUIDS²

5. STATUS OF CONSUMABLES

6. SYSTEM INFORMATION AND FUNCTIONS



It allows returning to the HOME screen.



It allows accessing the Wi-Fi communication configuration functions.³



It allows accessing the update search and download page.



It allows accessing the charging station's activation screen.



It allows accessing the applications screen.

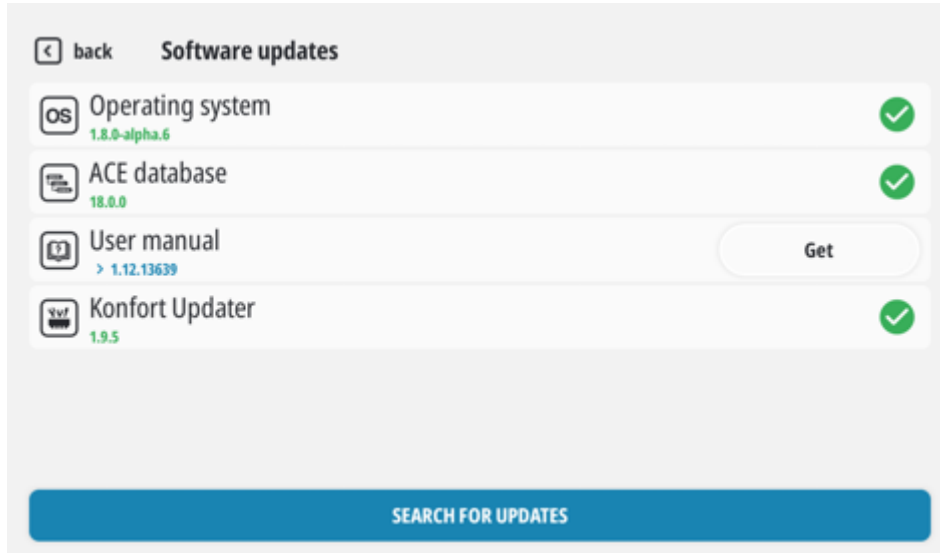


It allows changing the screen color, from light mode to dark mode and vice versa.

- (1) *Some functions may be available only for specific models or only if equipped with specific accessories (e.g.: REC+).*
- (2) *Varying based on the model and GAS KIT installed.*
- (3) *For further information see the SETTINGS chapter.*

4.1 Updates available

This function allows accessing the update search and download page. It indicates the status of the updates and if there are any updates available. Press **Search for updates** to start searching for new updates available. Press **Get** to download the corresponding update.



Wait for the download to complete.

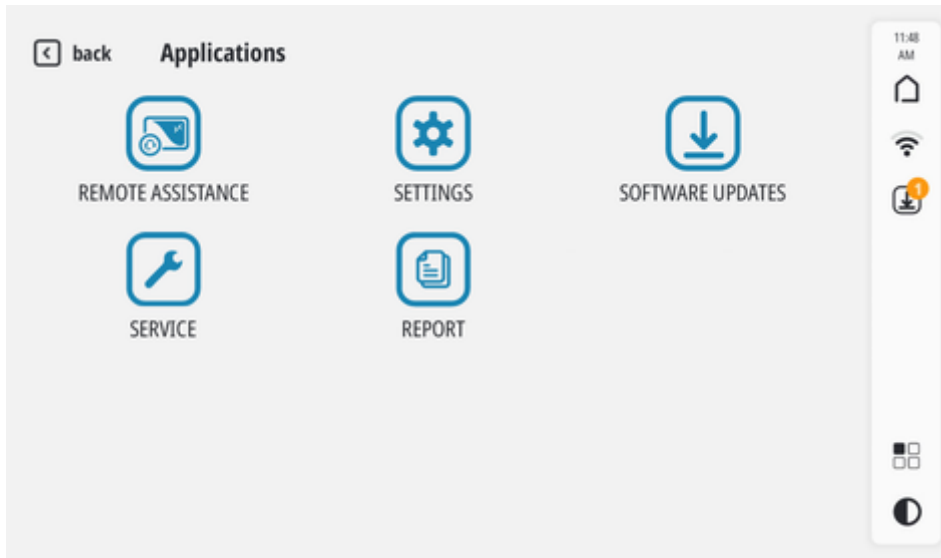
Press **Update now**.

Wait for the procedure to end.

Follow the on-screen instructions

4.2 Applications

This function allows accessing the screen containing the applications.



Name	Function
REMOTE ASSISTANCE	It allows launching the software for remote assistance.
SETTINGS	It allows accessing the various settings of the charging station. ¹
SOFTWARE UPDATES	It allows accessing the update search and download page.
SERVICE	It allows accessing the charging station service functions. ²
REPORT	It allows accessing the list of saved reports and print the desired report among the ones available.

(1) For further information see the *SETTINGS* chapter.

(2) For more information, see the *SERVICE* chapter.

NOTICE

The **REMOTE ASSISTANCE** function allows launching a specific software to control the charging station remotely.

This way, the Technical Assistance operators can provide support in troubleshooting and identifying the causes of abnormal behaviors.

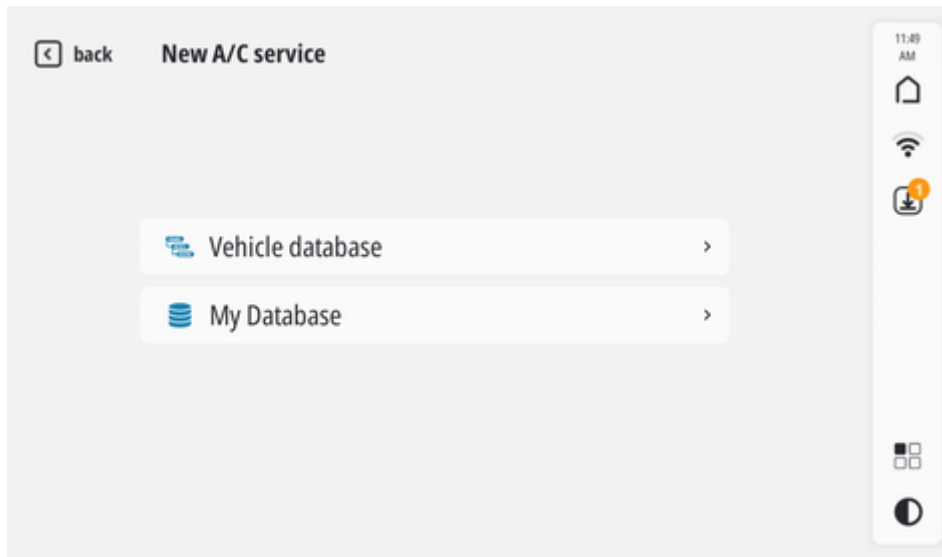
The charging station must be connected via Wi-Fi to a network with access to the Internet.

This function must only be used if indicated by and under the supervision of Technical Assistance.

5 VEHICLE SELECTION

The vehicle to be serviced can be selected in two databases:

- *Vehicle Database*
- *My Database*



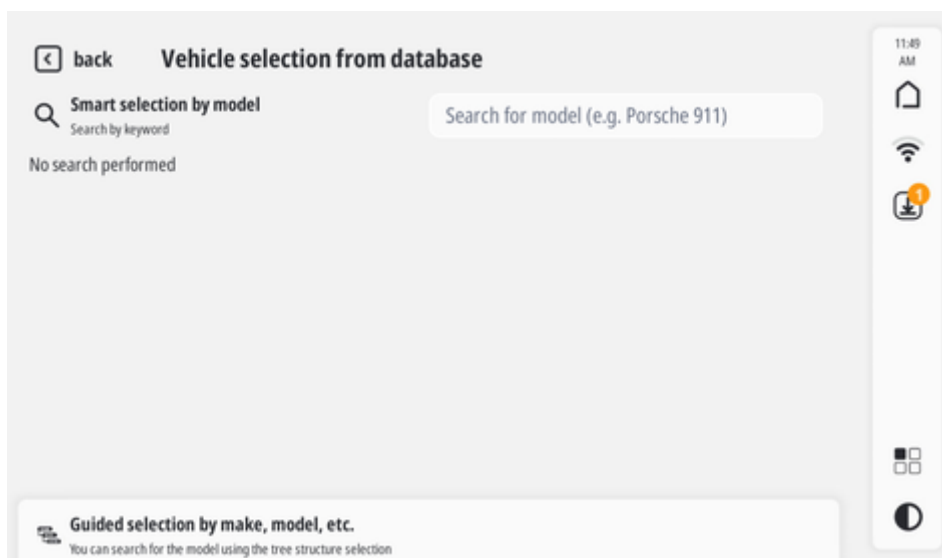
INFORMATION

If the AsaNetwork function has been enabled, this screen will also display the Scheduled services item.

For further information see the SETTINGS chapter.

5.1 Database Veicoli

This function allows selecting the vehicle to be serviced from the TEXA Database and start the related standard service procedure.



A complete vehicle selection requires:

- *make*
- *model*
- *rpm*
- *vehicle code*

- *variant*

These items make up the selection levels.

NOTICE



The A/C system is recharged based on the data contained in the database.

Database use is related to the right identification of the vehicle and type of A/C system to be serviced.

The reported data refers to original A/C systems (first installation) and not to A/C systems installed afterwards (after-sales).

Refer to the technical data provided by the manufacturer for non-original A/C systems.

INFORMATION

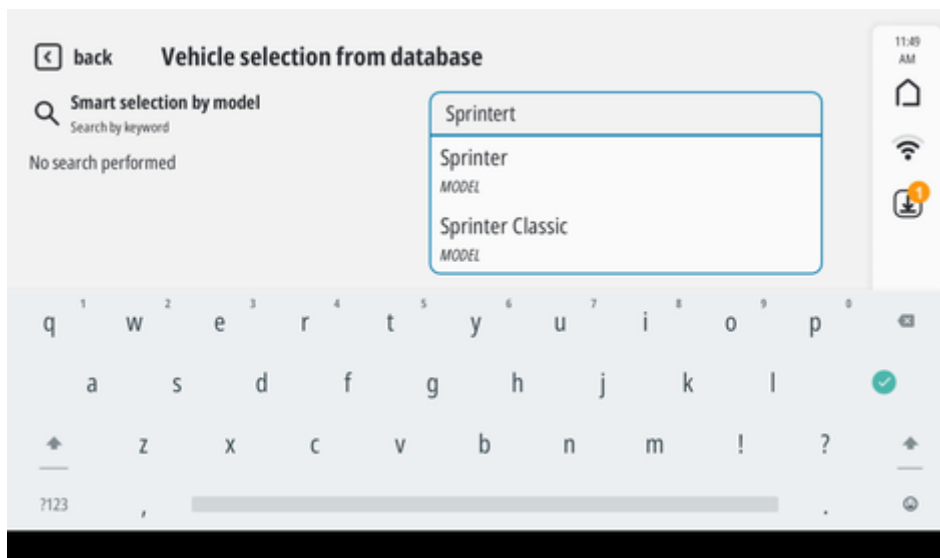
Before using the database, it must be unlocked by entering a specific countercode.

Unlocking is necessary when you first start the equipment or after updating the database.

The selection from TEXA Database can be:

SMART SELECTION

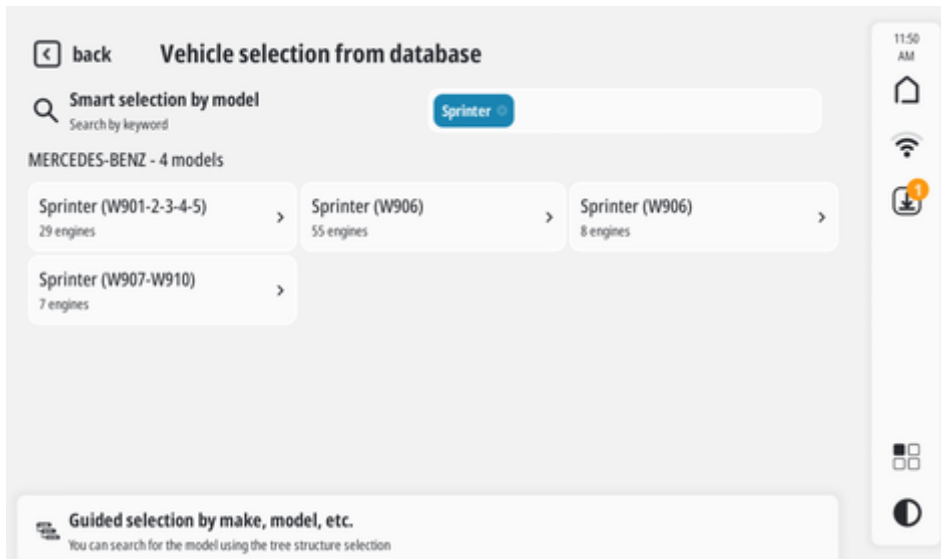
The software searches inside the database according to the text entered in a specific editable field (e.g.: vehicle make, model, manufacturing year, etc.).



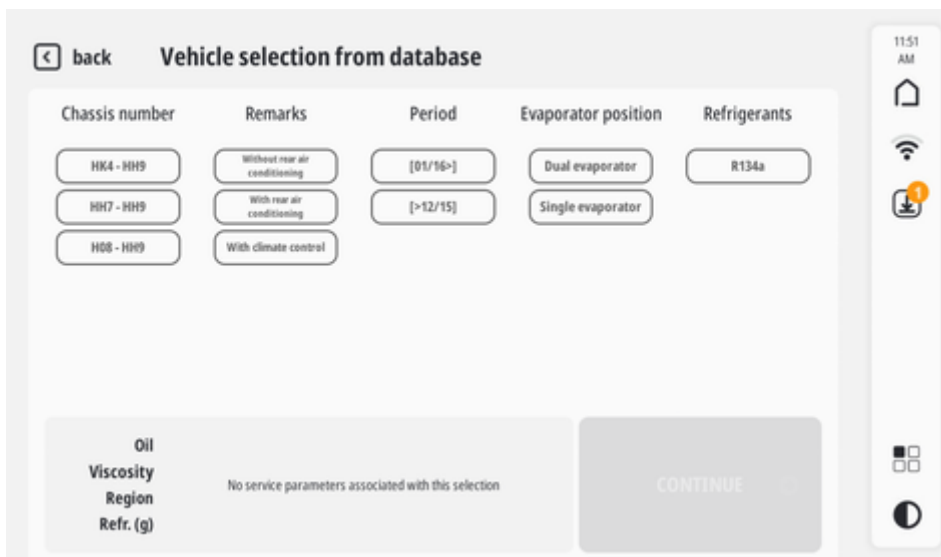
INFORMATION

The displayed result depends on the text entered.

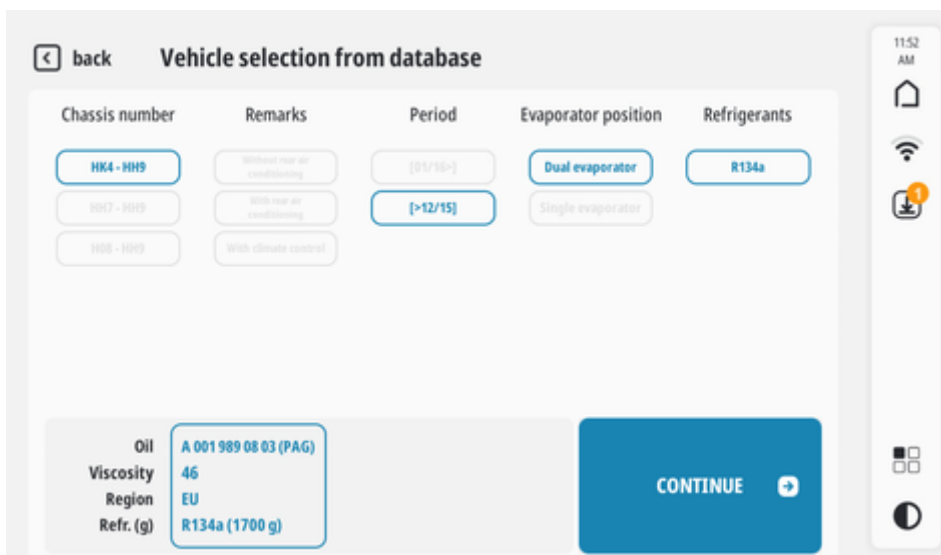
Example: If you enter "Sprinter III", you will get the automatic selection of the make (Mercedes) and model (Sprinter III). To complete the vehicle selection, you must continue and indicate: engine, vehicle code and variant.



To complete the vehicle identification, the missing levels must be selected.

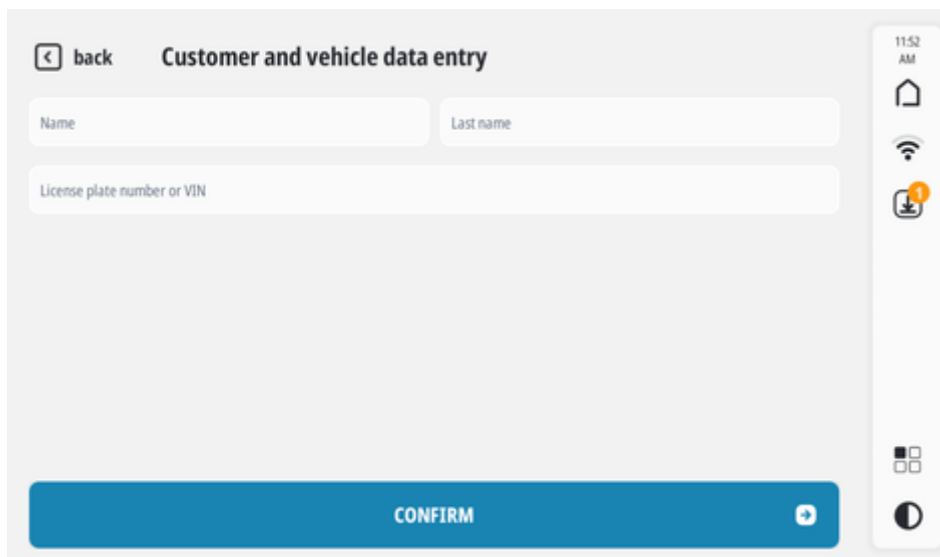


The button **Continue** will become selectable once the selection is complete.



You can now enter the customer and vehicle data.

Press **Confirm** to access the service start screen.

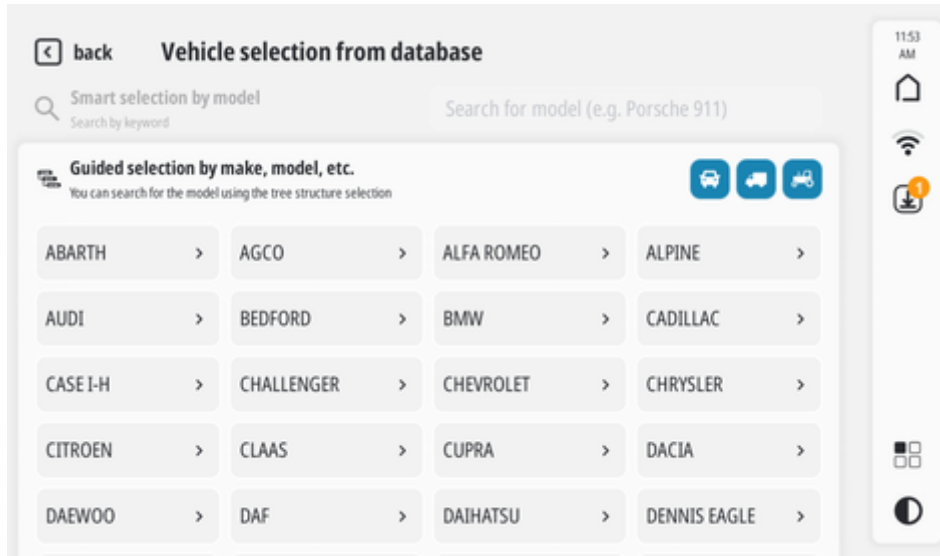


The screenshot shows a mobile application interface for entering customer and vehicle data. At the top left, there is a back arrow icon and the text "back". The title "Customer and vehicle data entry" is centered at the top. Below the title, there are three input fields: "Name", "Last name", and "License plate number or VIN". At the bottom of the screen, there is a large blue button labeled "CONFIRM" with a right-pointing arrow icon. On the right side of the screen, there is a vertical sidebar containing several icons: a home icon, a Wi-Fi icon, a download icon with a red notification bubble containing the number "1", a grid icon, and a moon icon. The time "11:52 AM" is displayed at the top right of the sidebar.

For more information see the SERVICE START chapter.

GUIDED SELECTION

The software allows choosing each selection level manually.



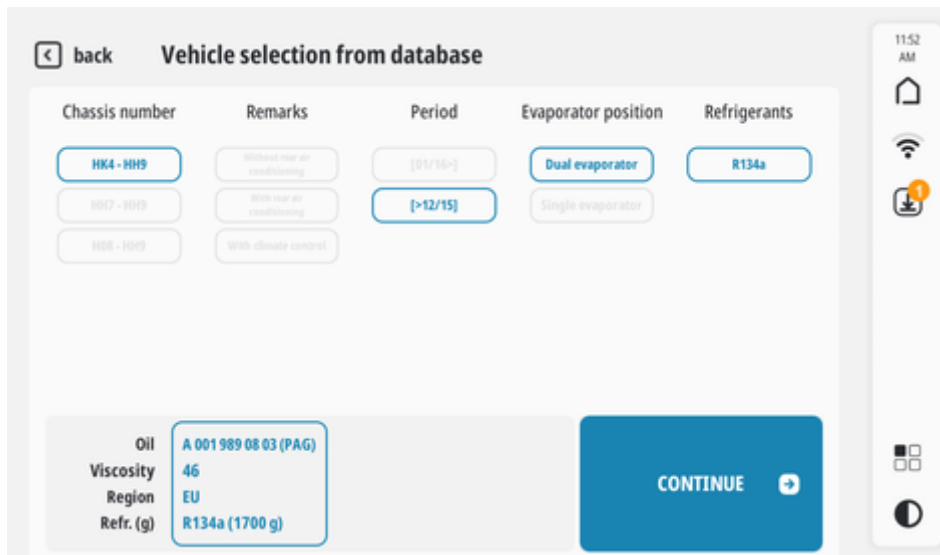
The selection is complete when an item has been selected for each of the stages suggested.

INFORMATION

In order to go from one selection level to the next you must first complete the level you are currently in.

Example: The model level cannot be selected without selecting the make level first.

The button **Continue** will become selectable once the selection is complete.



You can now enter the customer and vehicle data.

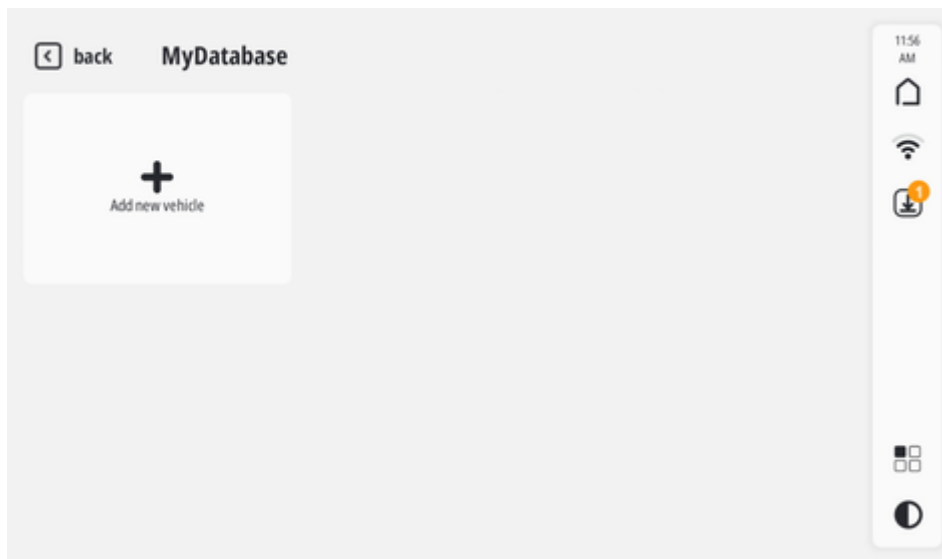
Press **Confirm** to access the service start screen.

The screenshot shows a mobile application interface for entering customer and vehicle data. At the top left, there is a back arrow icon and the text "back". The title "Customer and vehicle data entry" is centered at the top. Below the title are three input fields: "Name", "Last name", and "License plate number or VIN". At the bottom of the screen is a large blue button labeled "CONFIRM" with a right-pointing arrow icon. On the right side, there is a vertical toolbar containing icons for home, Wi-Fi, a download icon with a notification badge, a grid, and a moon.

For more information see the SERVICE START chapter.

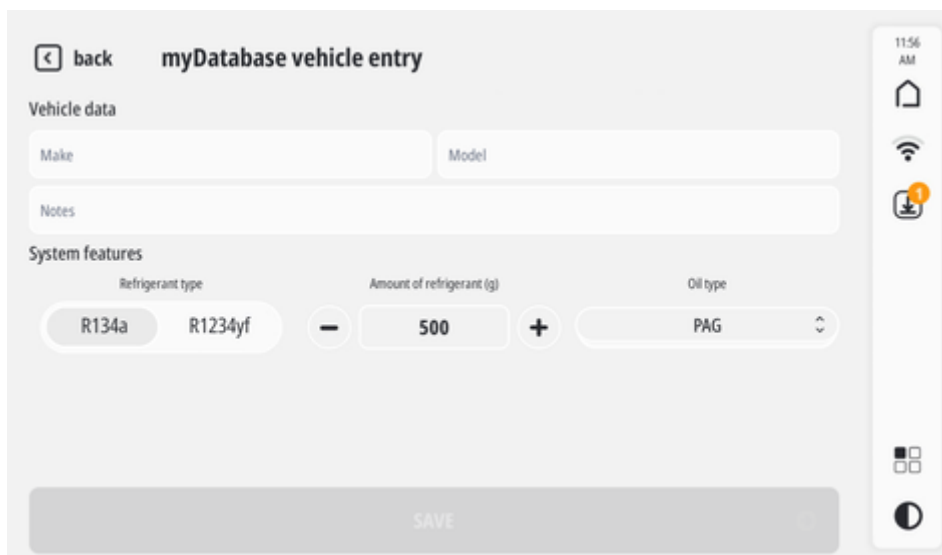
5.2 My Database

This function allows creating a database with customized services.

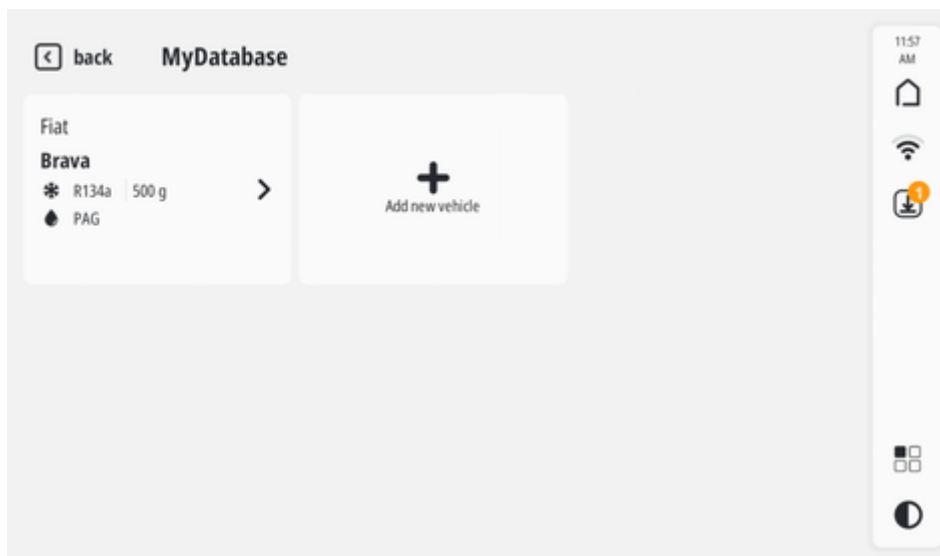


For each new technical sheet, you must fill in the **Vehicle data** fields.

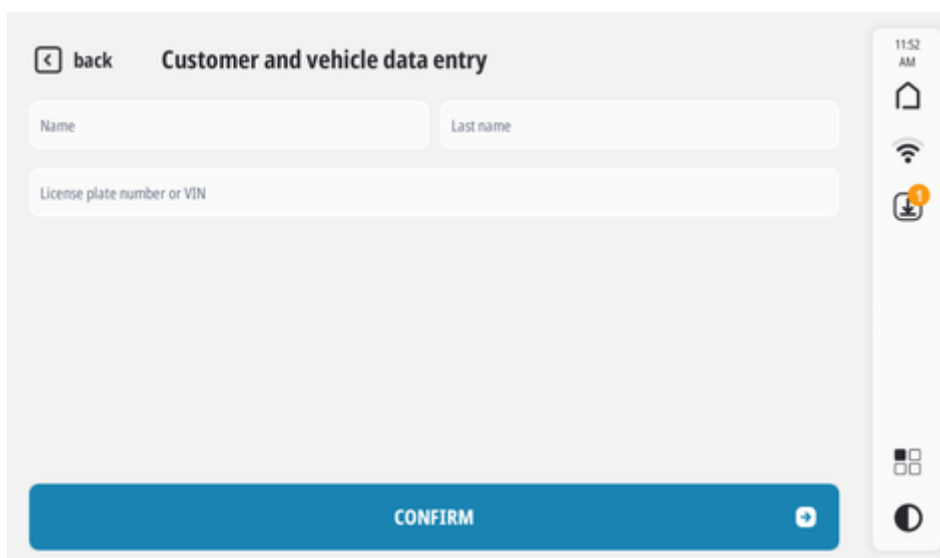
You can also specify the type of recharging service using the **System characteristics** fields.



For each service there is a technical sheet that indicates the data related to the vehicle and to the type of service.



The function allows editing and deleting any of the created technical sheets by keeping it pressed. To select the desired technical sheet, simply press on it. You can now enter the customer and vehicle data. Press **Confirm** to access the service start screen.



For more information see the SERVICE START chapter.

6 CUSTOMIZED

This function allows selecting each phase of the A/C system service and set the related values (quantity, duration, mode, etc.).

The A/C system is recharged based on the data set by the operator.

The first screen allows entering the customer and vehicle data.

Press **Confirm** to access the service start screen.

INFORMATION

If the service is performed using a BI-GAS charging station, you must select which refrigerant you wish to use.

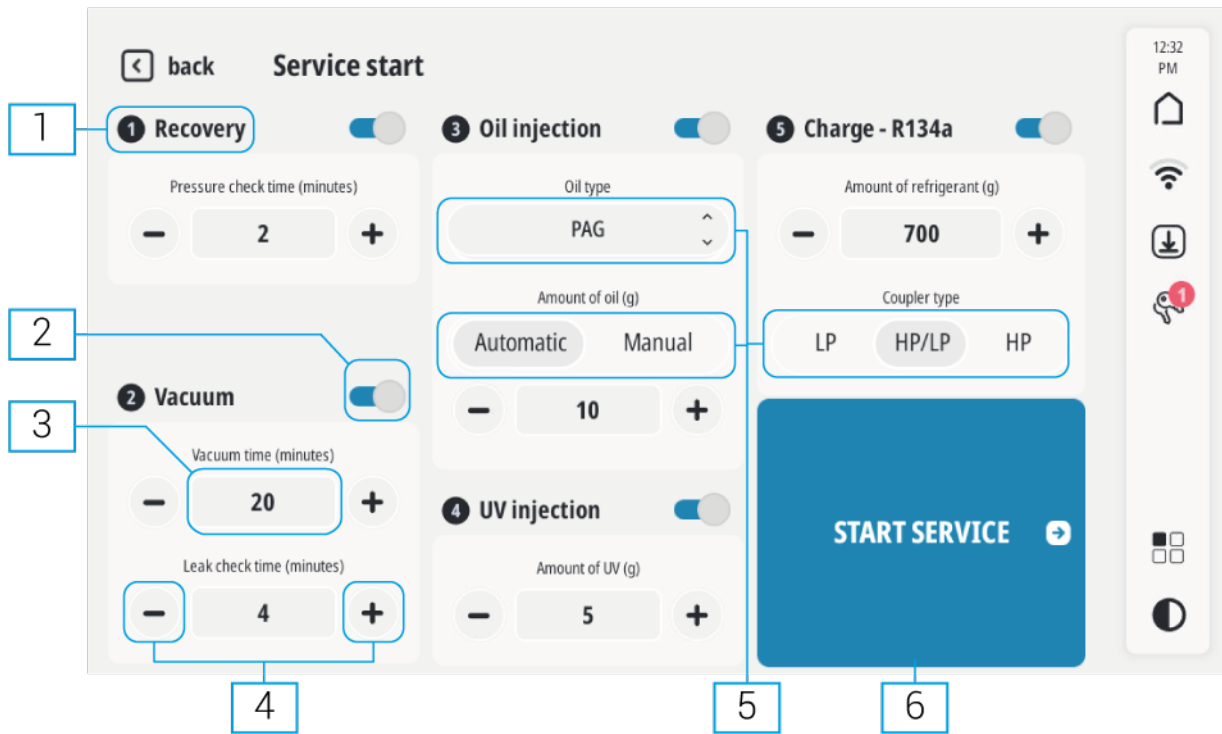
Otherwise, you will reach directly the service start screen.

For more information see the SERVICE START chapter.

7 SERVICE START

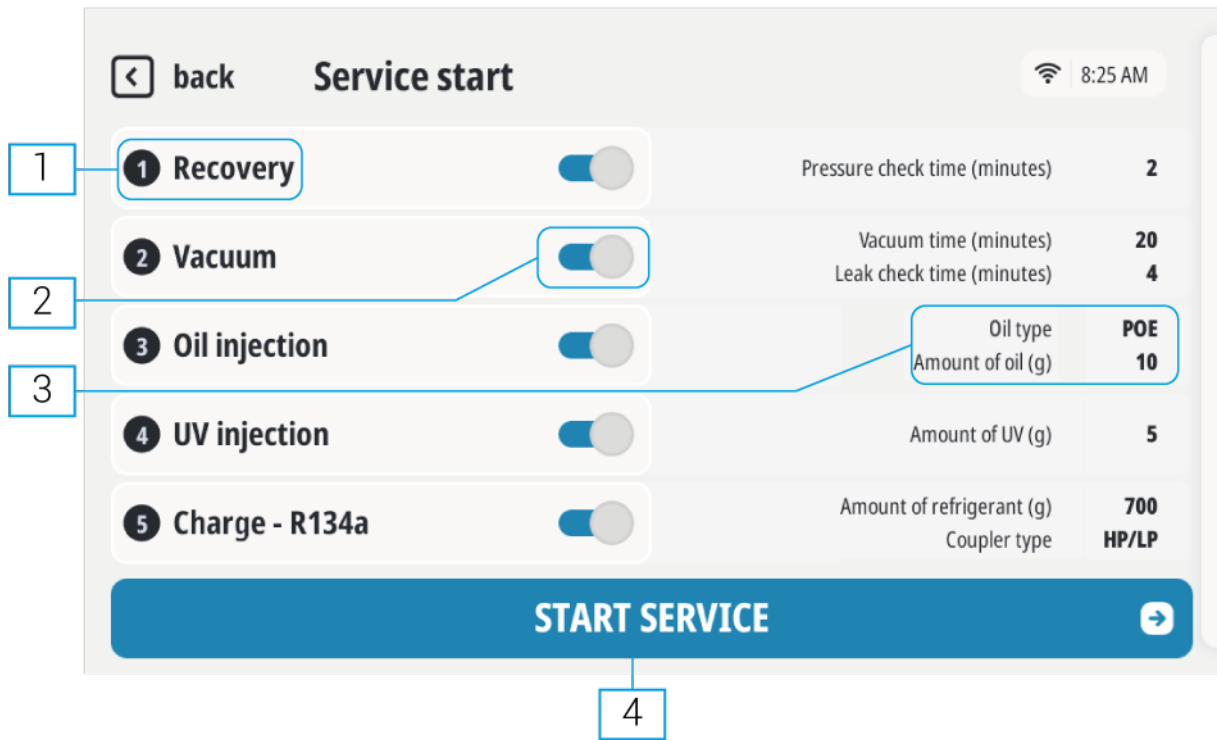
The displayed data and the operations that can be carried out in the **Service start** screen depend on the model of the charging station in use and on the type of service you wish to perform:

Vehicle database	The phases to perform and the related values are pre-set based on the database contents related to the selected vehicle. However, you can select / deselect certain phases and edit certain values.
My Database	The phases that can be performed and the related values are pre-set based on the values entered by the operator when creating the vehicle's technical sheet. However, you can select / deselect certain phases and edit certain values.
Customized	You must select which phases to perform and specify the time, mode and quantity (as required) for each of them.



1. Phase
2. Phase selection / deselection
3. Quantity / value (editable field)
4. Decrease / increase
5. Multiple-choice fields
6. Start service

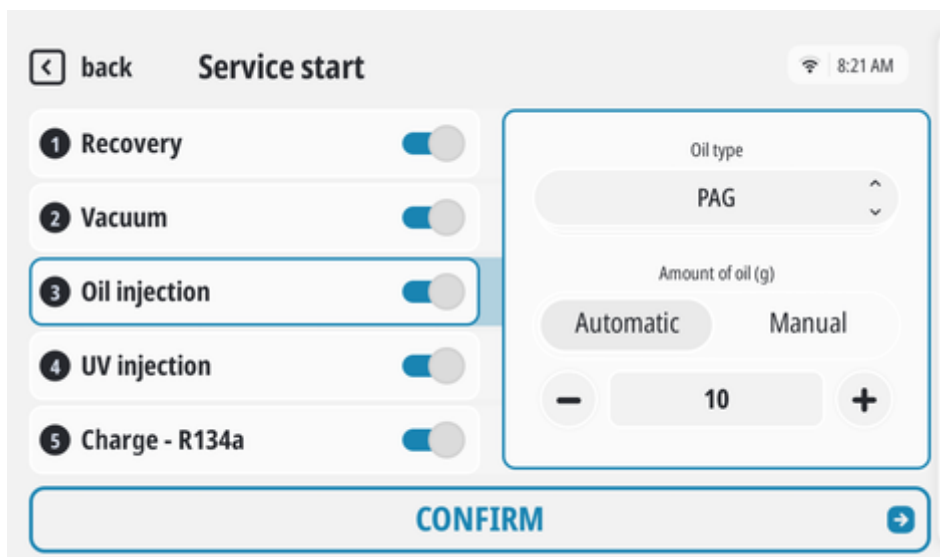
KONFORT 707 TOUCH / 707 OFF ROAD TOUCH / 710 TOUCH / 712 TOUCH



1. Phase
2. Phase selection / deselection
3. Current phase settings
4. Start service

To set the parameters in a phase, proceed as follows:

1. Select the desired phase.
Ex.: Oil injection
The phase becomes "active".
2. Press the name of the desired phase.
You can set the desired values for the phase parameters.



3. Press CONFIRM.

The set values are saved.

You can move on to another phase or start the service.

INFORMATION

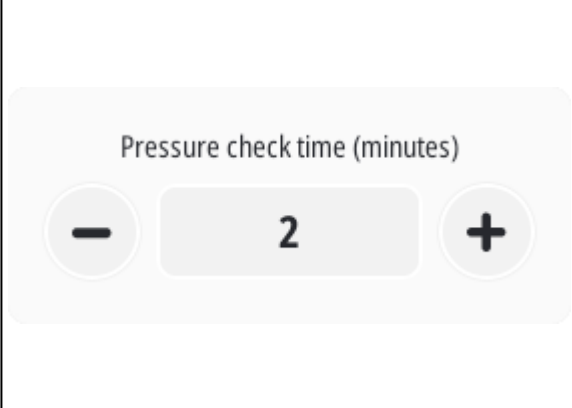
If the phase is simply activated, the currently set values are used.

7.1 Service Phases

The service phases and their operation are the same for all the charging station models.

1. RECOVERY

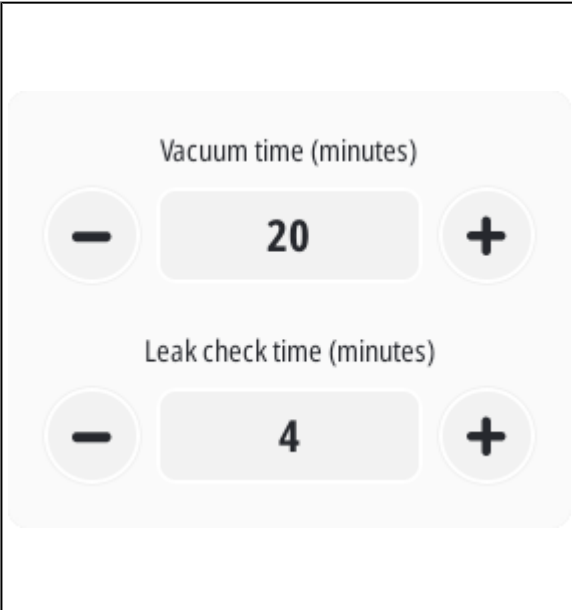
In this phase, the refrigerant is discharged from the vehicle's A/C system and stored in the charging station's internal tank.

	Vehicle database	The phase cannot be deselected. The phase parameters are pre-set and cannot be changed.
	My Database	The phase cannot be deselected. The duration of the phase is parameterized by the software.
	Customized	The phase can be deselected. The phase parameters must be set manually by the operator.

2. VACUUM

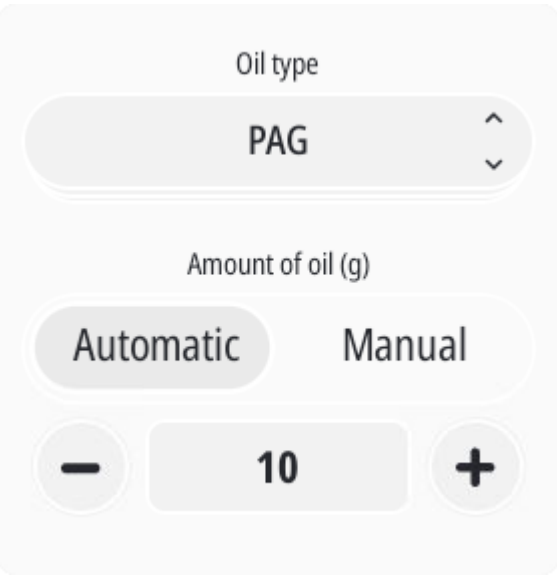
During this phase, the non-condensable gases and humidity in the vehicle's A/C system are evacuated by means of the vacuum pump.

During this phase, a leak check is carried out on the A/C system.

	Vehicle database	The phase cannot be deselected. The phase parameters are pre-set and cannot be changed.
	My Database	The phase cannot be deselected. The phase parameters are calculated by the software based on the amount of refrigerant to recharge and cannot be changed.
	Customized	The phase can be deselected. The phase parameters must be set manually by the operator. The vacuum time can be set to 0, this way the phase is activated and only the leak check is performed.

3. OIL INJECTION

During this phase, the charging station injects oil inside the vehicle's A/C system in order to restore the proper amount recommended by the manufacturer.

	Vehicle database	<p>The phase can be deselected.</p> <p>The phase parameters are pre-set and cannot be changed.</p>
	My Database	<p>The phase can be deselected.</p> <p>The phase parameters are calculated by the software based on the amount of refrigerant to recharge and cannot be changed.</p>
	Customized	<p>The phase can be deselected.</p> <p>The phase parameters must be set manually by the operator.</p> <p>The phase is subject to the following conditions:</p> <ul style="list-style-type: none"> • <i>It can be selected only if you have chosen to carry out the VACUUM step.</i> • <i>If you have chosen to carry out the RECOVERY step, you are asked to perform this step in automatic or manual mode.</i> • <i>If you have chosen not to carry out the RECOVERY step, this step is carried out automatically.</i> • <i>It forces you to carry out the RECHARGING step.</i>

Oil injection mode:

Automatic	<p>The equipment automatically determines the volume of the oil to inject.</p> <p>The OIL INJECTION step starts automatically at the end of the VACUUM one.</p>
Manual	<p>The operator must set the amount of oil to inject when the VACUUM phase is completed.</p>

NOTICE


Using a non-suitable oil may compromise the efficiency of the vehicle's A/C system.

Only use the oil indicated by the vehicle manufacturer.




4. UV INJECTION

During this phase, the charging station injects UV tracer inside the vehicle's A/C system, in order to make it easier to check for leaks.

	Vehicle database	<p>The phase can be deselected.</p> <p>The phase parameters are pre-set and cannot be changed.</p>
	My Database	<p>The phase can be deselected.</p> <p>The phase parameters are calculated by the software based on the amount of refrigerant to recharge and cannot be changed.</p>
	Customized	<p>The phase can be deselected.</p> <p>The phase parameters must be set manually by the operator.</p> <p>The phase is subject to the following conditions:</p> <ul style="list-style-type: none"> • <i>It can be selected only if you have chosen to carry out the VACUUM step.</i> • <i>It forces you to carry out the RECHARGING step.</i>

5. REFRIGERANT CHARGE

During this phase, the charging station inputs the refrigerant inside the vehicle's A/C system in order to restore the proper amount recommended by the manufacturer.

	Vehicle database	<p>The phase can be deselected.</p> <p>The phase parameters are pre-set and generally they cannot be changed.</p>
	My Database	<p>The phase can be deselected.</p> <p>The phase parameters are calculated by the software based on the amount of refrigerant to recharge and cannot be changed.</p>
	Customized	<p>The phase can be deselected.</p> <p>The phase parameters must be set manually by the operator.</p> <p>You must select the fittings that will be used for the refill.</p> <ul style="list-style-type: none"> • LP/HP couplers: <i>the A/C system is recharged through both LP/HP couplers.</i> • HP coupler: <i>the A/C system is recharged through the HP coupler only.</i> • LP coupler: <i>the A/C system is recharged through the LP coupler only.</i>

NOTICE


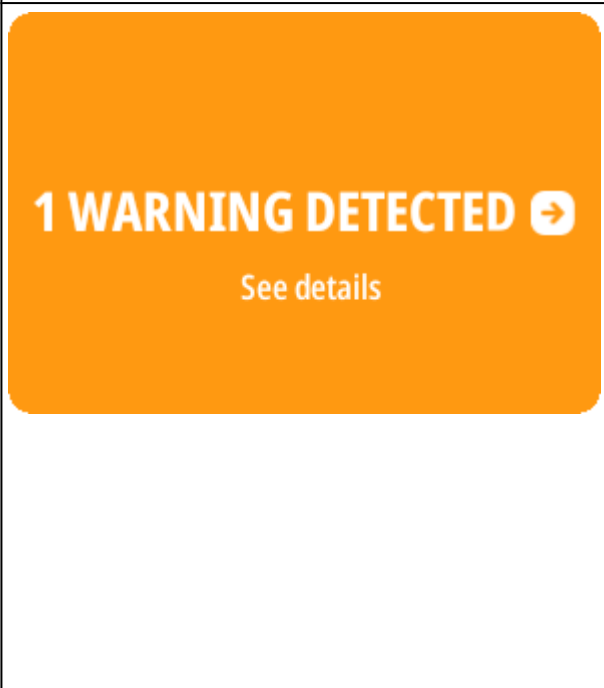
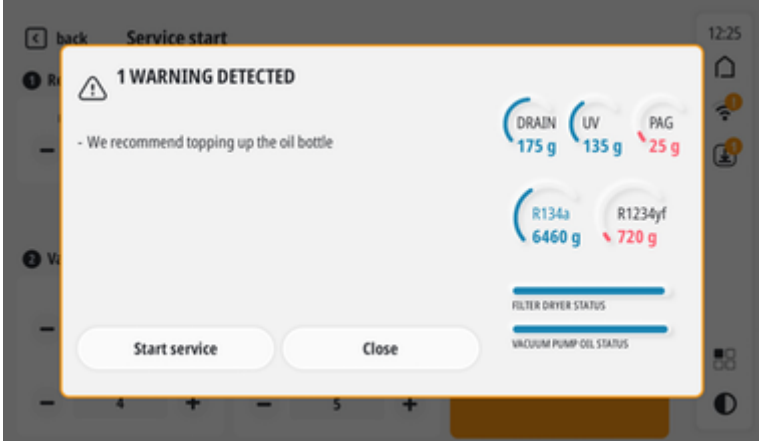
Using a different refrigerant from the one inside the A/C system may compromise the system's efficiency.

Only use the type of refrigerant inside the vehicle's A/C system.



6. START SERVICE

The status of this icon changes based on any errors / warnings found before the service starts.

	<p>No errors / failures. The charging station is ready. By pressing the icon, the A/C system recharging service is started.</p>
	<p>There is (at least) one warning (e.g.: not enough oil). By pressing the icon you can get further information on the warning.</p>  <p>It is possible to proceed with the A/C system recharging service in any case.</p>

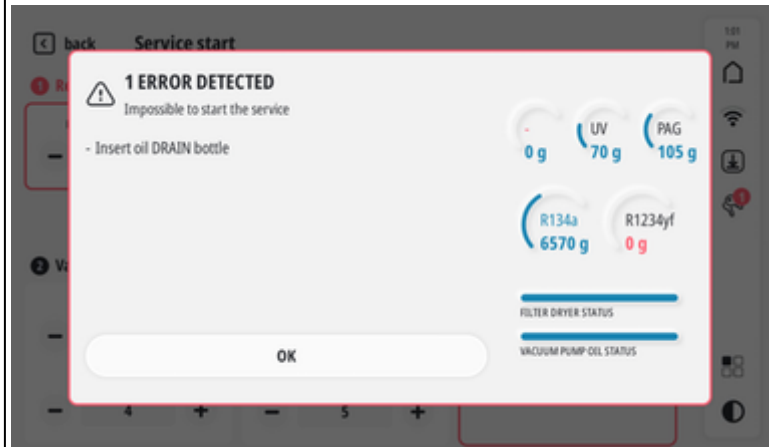
1 ERROR DETECTED →

See details

There is (at least) one error (e.g.: not enough refrigerant).

The phase affected by the error is highlighted in red.

By pressing the icon you can get further information on the error.



It is not possible to proceed with the A/C system recharging service.

8 A/C SYSTEM RECHARGING SERVICE

The A/C system recharge is started by pressing **START SERVICE** at the end of the vehicle / desired service type selection.

Times and modes will follow the settings in the SERVICE START screen.

The software guides the operator step by step through the recharging procedure with specific on-screen messages indicating the operations to perform (e.g.: connect couplers, open valves, etc.).

INFORMATION

*To continue with the procedure, you must perform the operations required by the on-screen messages and only afterwards press **Continue**.*

*The procedure can be interrupted at any time by pressing **Stop**.*

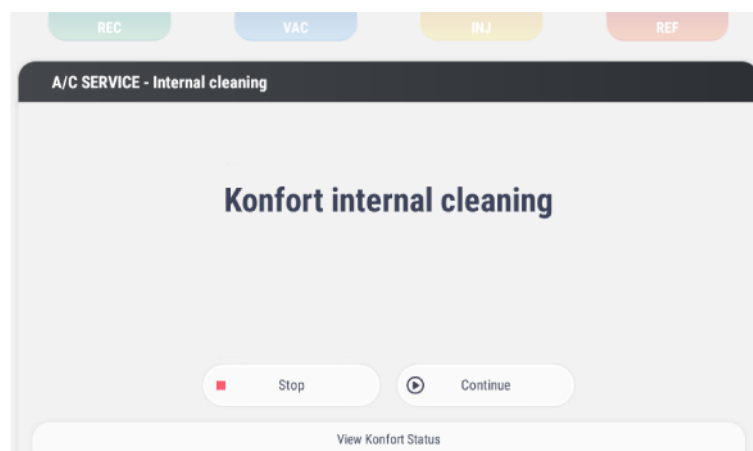
The main phases of the recharging service are indicated below.

For the sake of completeness, the charging station used by way of example is a KONFORT 780 TOUCH station equipped with Refrigerant Identifier and A/C System Efficiency Check Kit.

Some functions and steps are not available in the models that use one refrigerant only and are not equipped with the Refrigerant Identifier. However, the procedure is the same for all charging stations.

After pressing **START SERVICE**, the internal cleaning of the charging station is suggested.

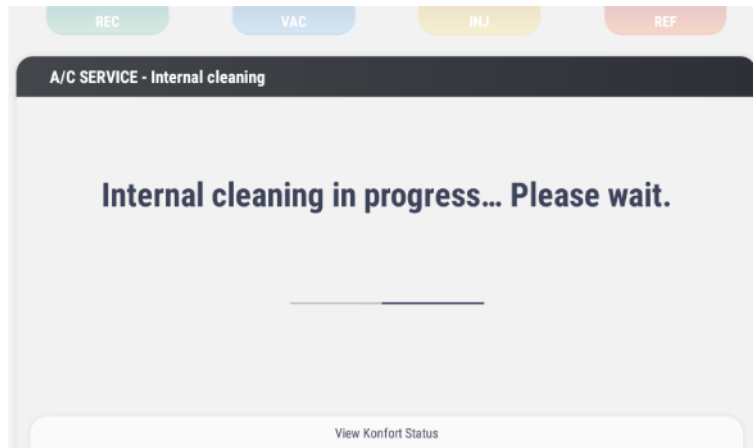
The purpose of the cleaning is to eliminate any impurities and residues of the previous refrigerant, so as to avoid any contaminations.



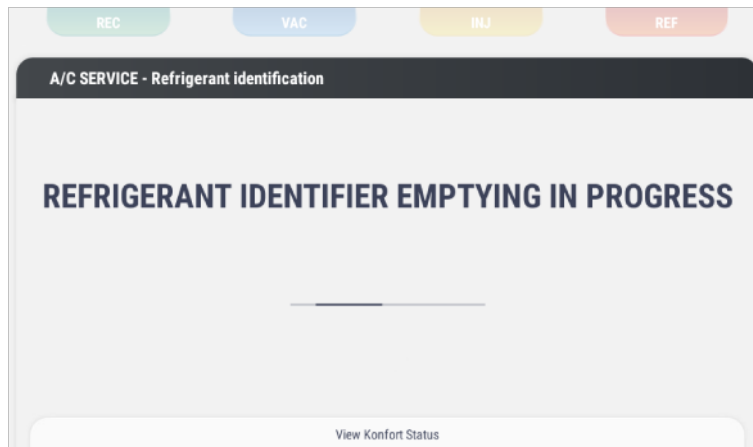
INFORMATION

This operation is performed only if you are using a BI-GAS station and the refrigerant you wish to use (e.g.: R134a) is different from the one used in the previous recharging service (e.g.:R1234yf).

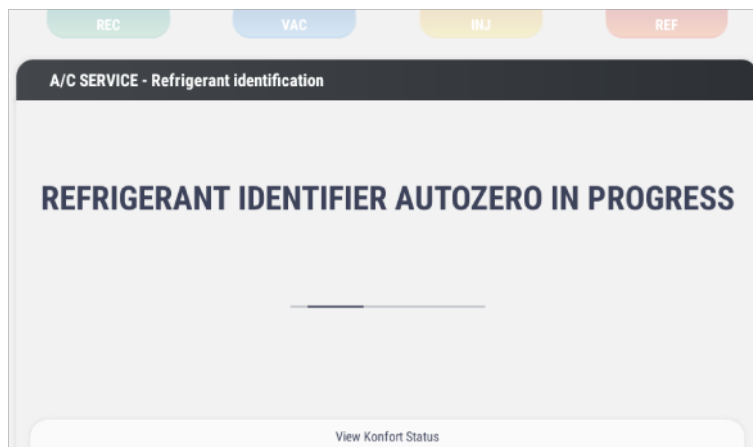
The internal cleaning of the charging station is started.



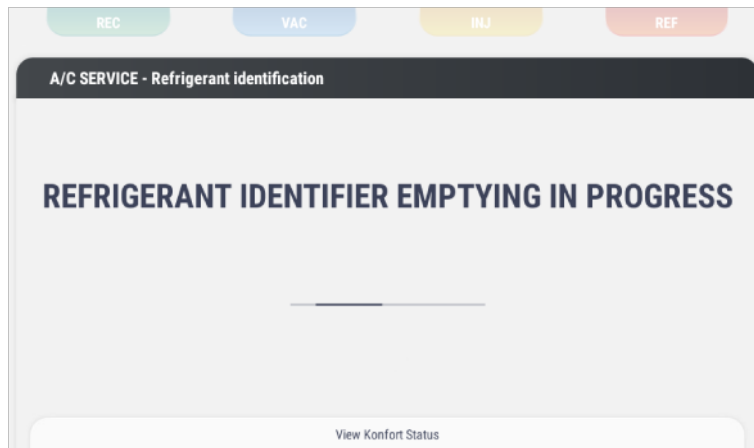
Then, the Refrigerant Identifier preparation procedure is started.
The procedure starts by emptying the Identifier from any refrigerant residues.



Once the emptying is complete, the Refrigerant Identifier performs an autozero.



At the end of the autozero, the identification of the refrigerant in the vehicle's A/C system is started.

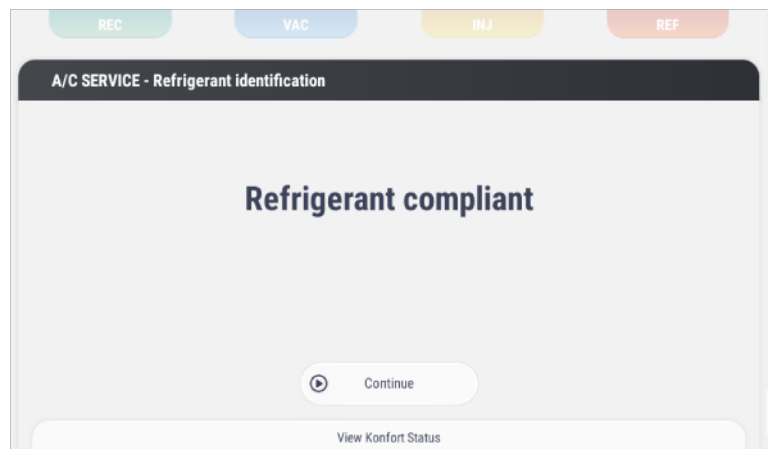


The identification result can be one of the following:

1. REFRIGERANT COMPLIANT

The refrigerant inside the A/C system is compliant with the one set for the recharging service.

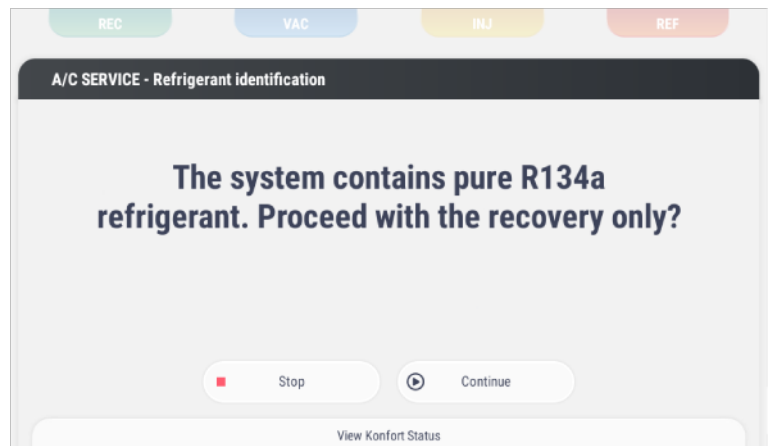
It is possible to proceed with the recharging service.



2. REFRIGERANT PURE BUT NOT COMPLIANT

The refrigerant inside the A/C system (e.g.: R1234yf) is not the one set for the recharging service (e.g.: R134a), however it is pure.

It is possible to proceed with the service, but the only phase that will be carried out is the refrigerant recovery from the A/C system.



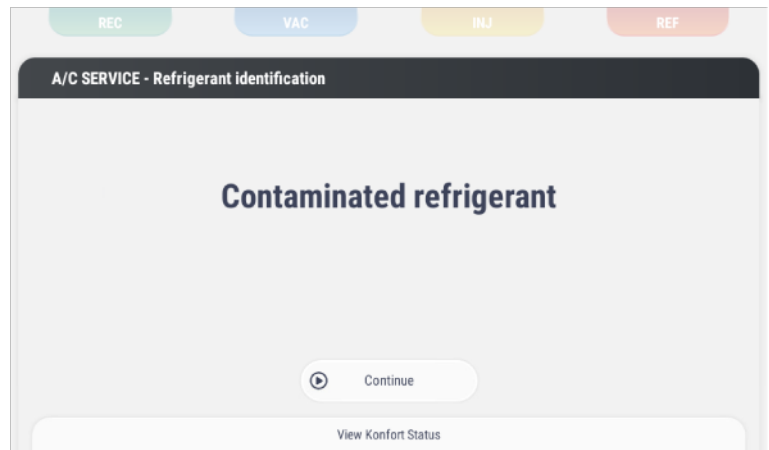
3. REFRIGERANT CONTAMINATED

The refrigerant inside the A/C system is contaminated.

By pressing **Continue** you can repeat the identification 2 more times.

If at least one result is positive (refrigerant compliant), it is possible to proceed with the recharging service.

If all the results are negative (refrigerant contaminated), it is impossible to proceed with the recharging service. The software will ask you to recover the contaminated refrigerant using an external recovery unit.

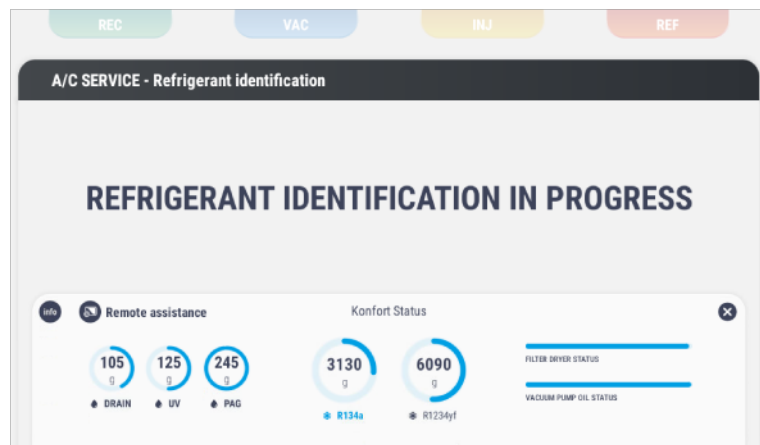


INFORMATION

It is possible to know the status of the charging station and get more detailed information on the refrigerant being analyzed.

Proceed as follows:

*Press and drag upwards **View Konfort Status**.*



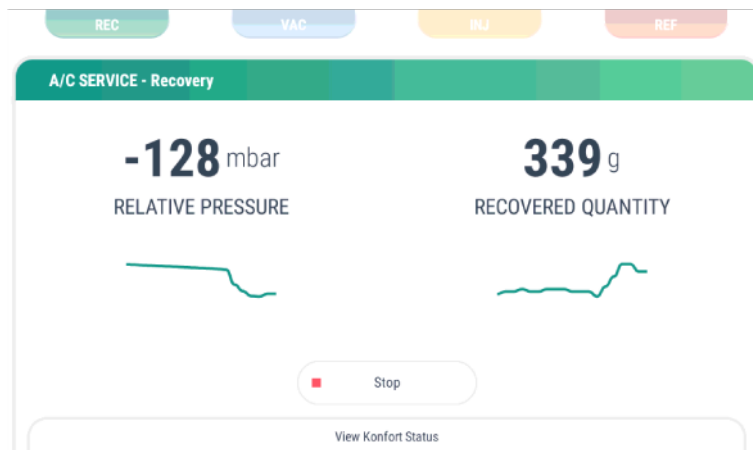
Once the refrigerant identification has shown a positive result, it is possible to proceed with the A/C system recharging service.

INFORMATION

*The software allows skipping some phases of the recharging service by pressing **Skip**.*

This way, the procedure moves on to the immediately following phase without stopping the recharging service.

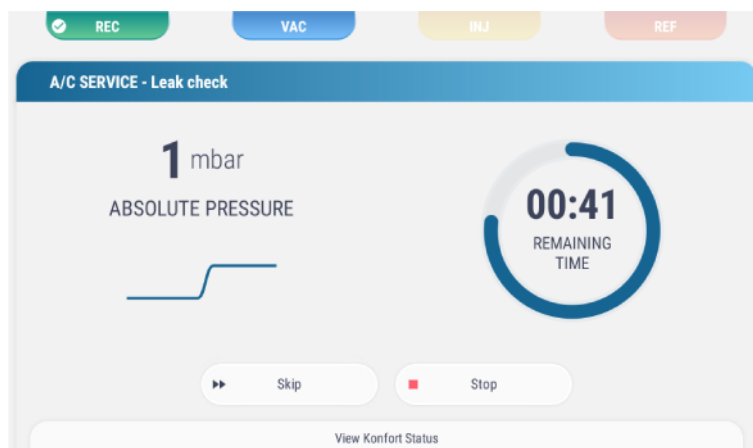
The phase for the refrigerant **recovery** from the A/C system is carried out.



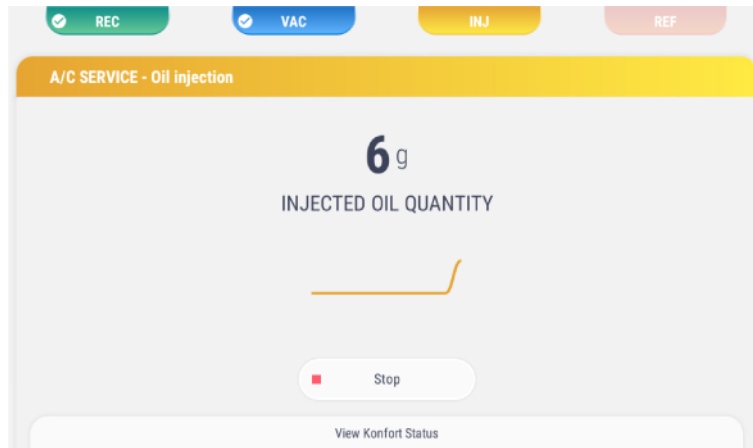
The **vacuum** phase in the system made up of charging station and A/C system is carried out.



The vacuum phase is completed by a **leak check**.



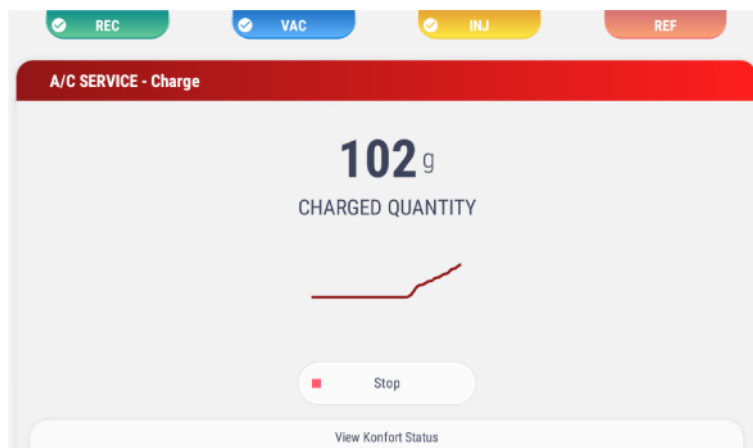
The **oil injection** phase is carried out.



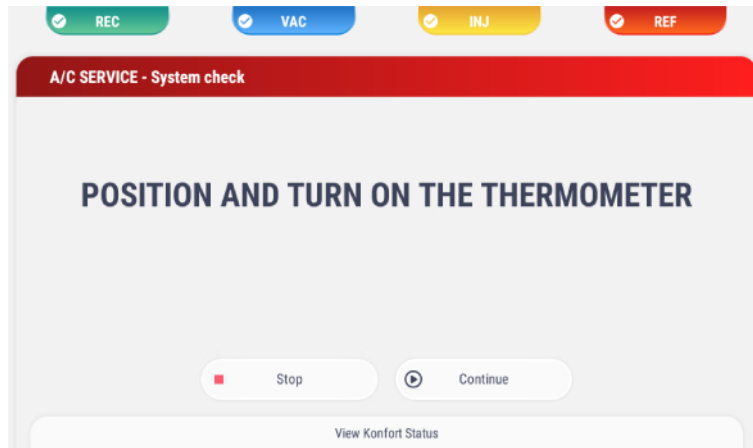
The **UV injection** phase is carried out.



The **refrigerant charge** phase is carried out.



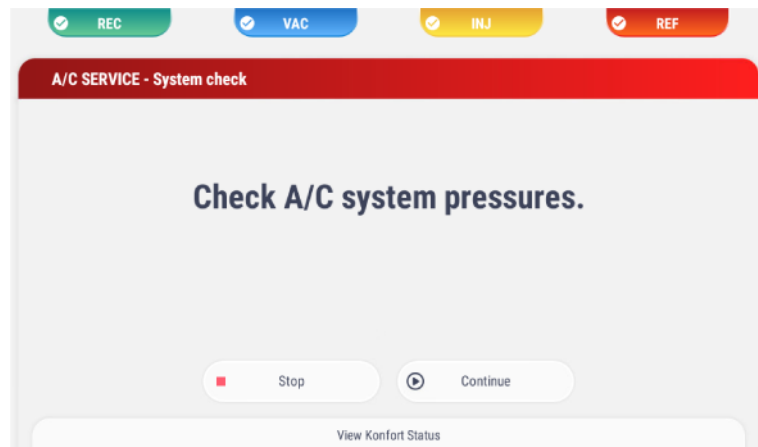
Once the refrigerant charging phase is complete, it is possible to carry out the system check.



INFORMATION

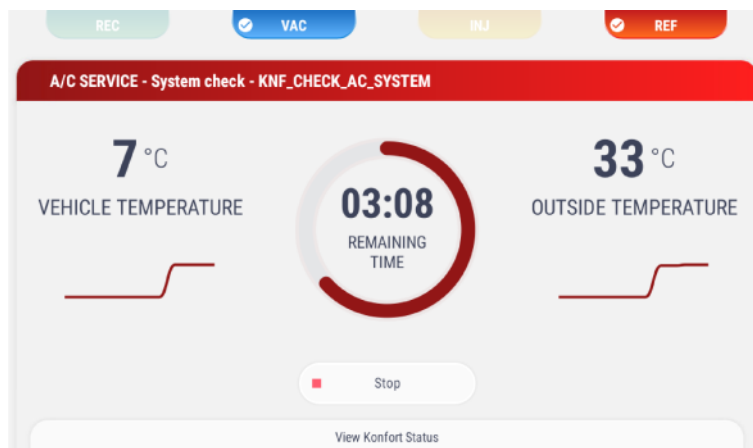
If you do not have the A/C System Efficiency Check Kit, you can carry out a manual check.

The check consists in the evaluation by the operator of the values read on the charging station's pressure gauges.

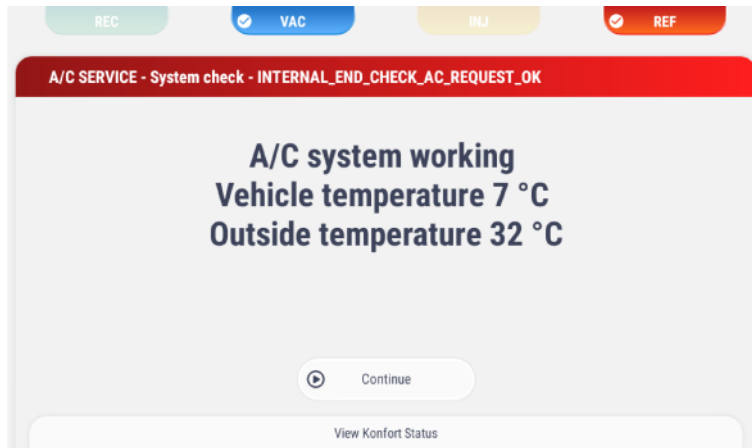


You must start the vehicle and set the A/C system to max.

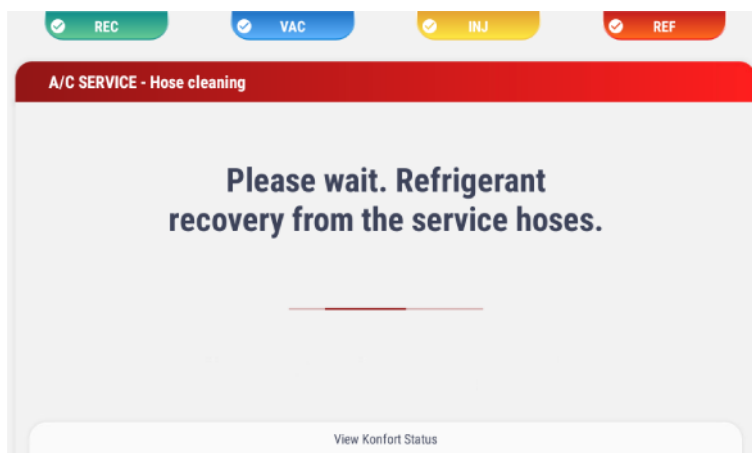
The **system check** starts once the indications on the display are met.



The result will be displayed once the check is complete.



Then the refrigerant will be recovered from the service hoses.



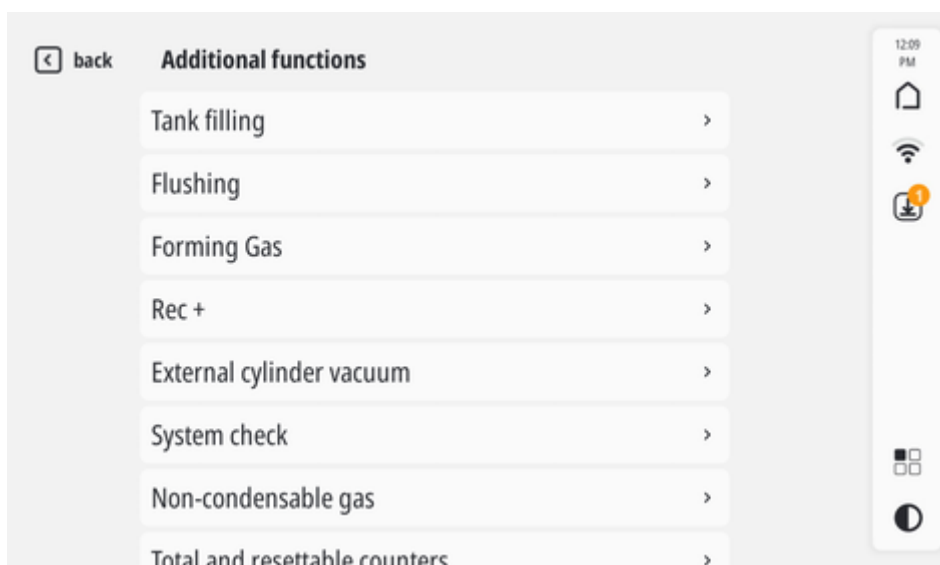
The A/C system recharging service is complete.

The service report can be printed and/or saved.



9 ADDITIONAL FUNCTIONS

This menu allows accessing the charging station's additional functions.



The functions available are:

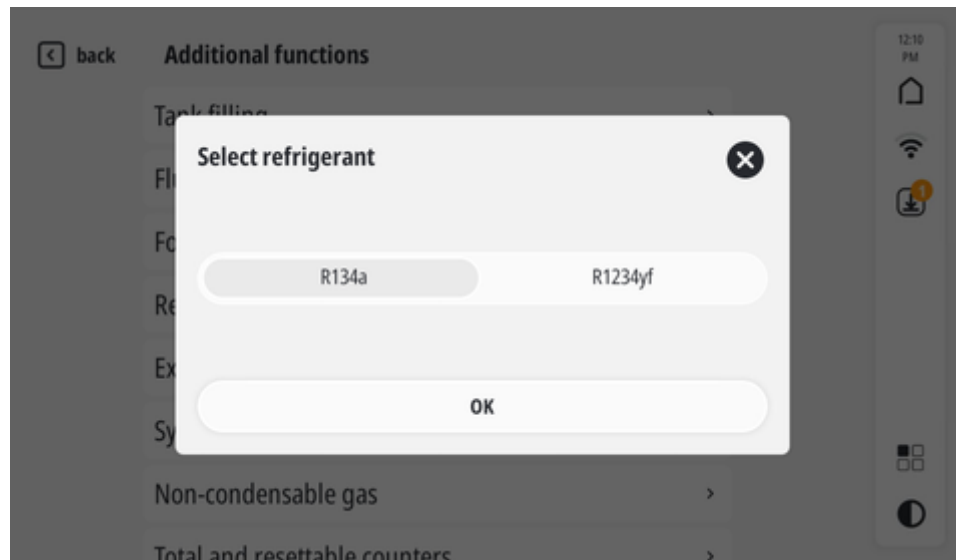
Name	Function
Tank Filling	It allows starting the guided procedure for filling the internal refrigerant tank.
Flushing	It allows starting the guided procedure for cleaning the A/C system.
Forming Gas ¹	It allows pressurizing the A/C system to check its sealing under pressure.
REC+	It allows recovering the contaminated refrigerant from the vehicle's A/C system.
External Cylinder Vacuum	It allows preparing an external cylinder to recover the contaminated refrigerant.
System Verification	It allows starting the automatic A/C system check procedure.
Non-condensable gases	It allows checking for non-condensable gases and it eventually starts the discharge procedure.
Total and Resettable Counters	It allows displaying the data related to the total and resettable counters.
Partial Counters	It allows monitoring the charging station's use over time.
Scale check	It allows starting the guided procedure for checking the internal scale calibration.
Oil Scale Reset	It allows starting the guided procedure for resetting the oil scales.
Cylinder Management ¹	It allows managing the intended use of the bottles.

⁽¹⁾Not available on the following models: 707 TOUCH / 707 OFF ROAD TOUCH / 710 TOUCH / 712 TOUCH

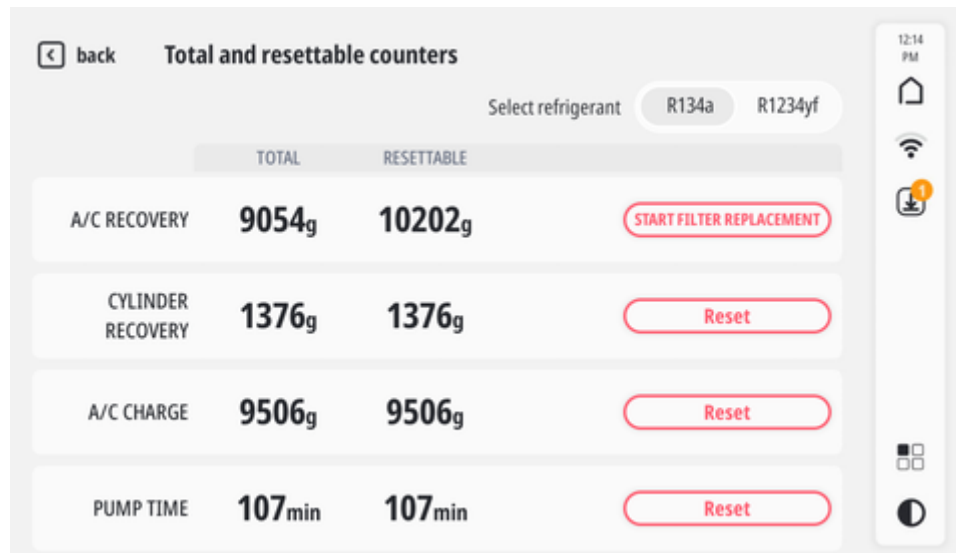
INFORMATION

If you are working on a 780 BI-GAS charging station, for certain functions you will be asked to indicate the type of refrigerant.

The selection can be made with a pop-up suggested by the software.



Or through a specific selector in the screen.



If you are not working on a 780 BI-GAS charging station, the correct refrigerant selection is performed automatically by the charging station.

INFORMATION

Some functions are only available on specific models.

In that case, the related menu item is not displayed.

9.1 Tank Filling

This function allows starting the guided procedure for filling the internal refrigerant tank.

NOTICE

Only use the specific refrigerant for the GAS KIT the charging station is equipped with, or in any case the one selected before starting the procedure.



The software guides the operator step by step through the procedure with specific on-screen messages.



9.2 Flushing

This function allows starting the guided procedure for cleaning the A/C system.

The function allows using the coolant contained in the equipment tank as a cleaning agent to eliminate, where possible, the lubricant, the UV tracer and the solid residues from the A/C system.

INFORMATION

In order to carry out this function, the specific FLUSHING KIT (optional) must be installed on the charging station.

NOTICE

The KIT is appropriate for use on cars, commercial vehicles and truck cabins.



The KIT is NOT appropriate for use on BUSES or industrial A/C systems.

The software allows entering:

- *Customer data*
- *Vehicle data*

It is possible to indicate the number of repetitions to perform.

The software guides the operator step by step through the procedure with specific on-screen messages.

9.3 Forming Gas

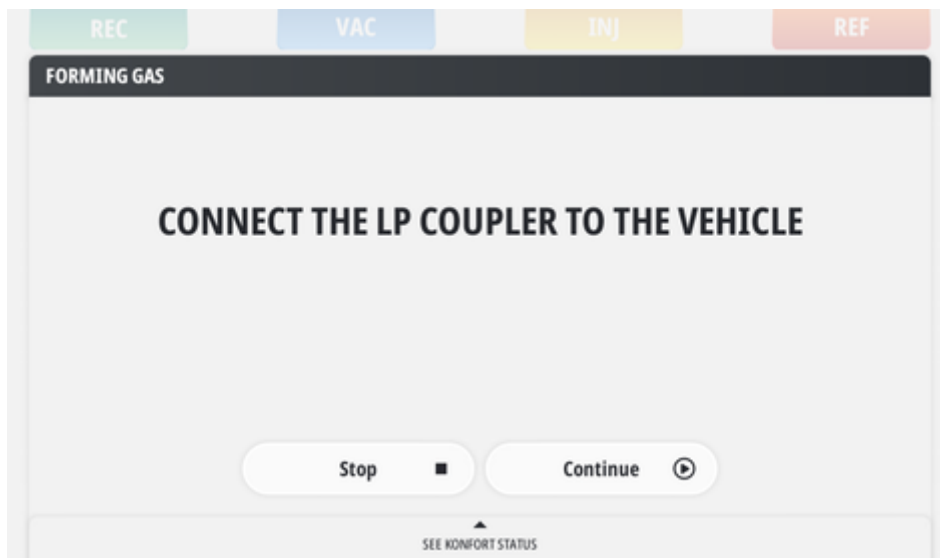
This function allows pressurizing the A/C system to check its sealing under pressure.

INFORMATION

In order to carry out this function, you must have the following:

- *FORMING GAS KIT*
- *FORMING GAS CART*
- *H2 Detect electronic leak detector*

The software guides the operator step by step through the procedure with specific on-screen messages.



9.4 REC+

This function allows recovering the contaminated refrigerant from the vehicle's A/C system.

INFORMATION

In order to carry out this function, you must have the following:

- REC+

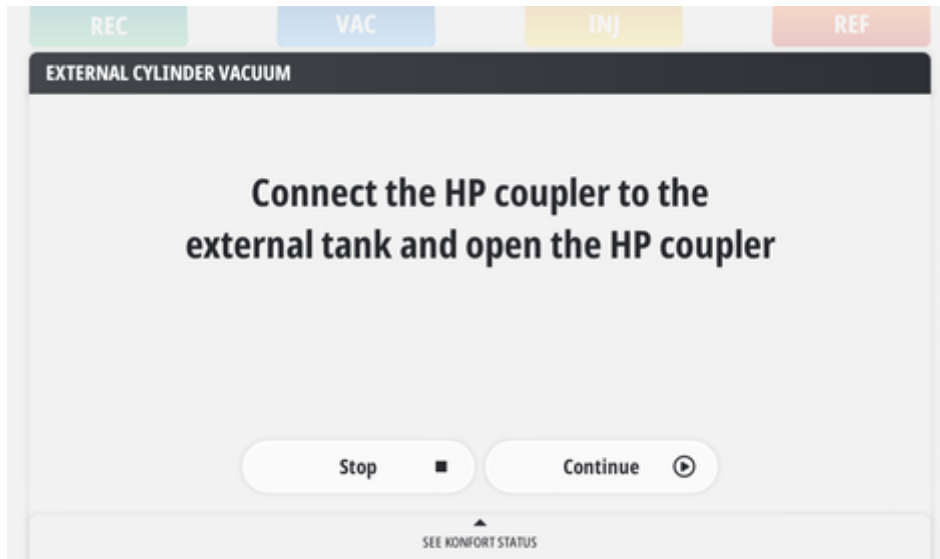
The software guides the operator step by step through the procedure with specific on-screen messages.



9.5 External Cylinder Vacuum

This function allows preparing an external cylinder to recover the contaminated refrigerant.

The software guides the operator step by step through the procedure with specific on-screen messages.



9.6 System Verification

This function allows starting the A/C system check procedure.

NOTICE

The diagnostic messages provided by the charging station must be considered as an indication and the possible fault or cause of a malfunction must be checked by the operator.

The check procedure can be:

Manual	The check consists in the evaluation by the operator of the values read on the charging station's pressure gauges.
Automatic	The check is performed with a specific radio-frequency thermometer connected to the charging station and positioned inside the vehicle.

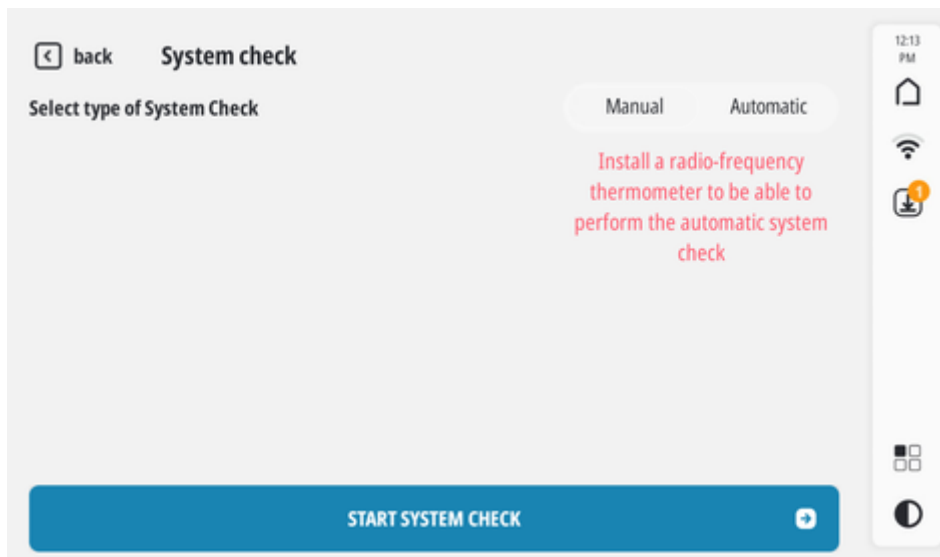
INFORMATION

In order to carry out this function in automatic mode, you must have the following:

- A/C SYSTEM EFFICIENCY CHECK KIT

Select the desired mode.

The software guides the operator step by step through the procedure with specific on-screen messages.



INFORMATION

If the A/C System Efficiency Check Kit is configured correctly, the automatic system check will start automatically at the end of the recharging service.

9.7 Non-condensable gases

This function allows checking for non-condensable gases and it eventually starts the discharge procedure.

The software guides the operator step by step through the procedure with specific on-screen messages.



9.8 Total and Resettable Counters

This function allows displaying the data related to the total and resettable counters.

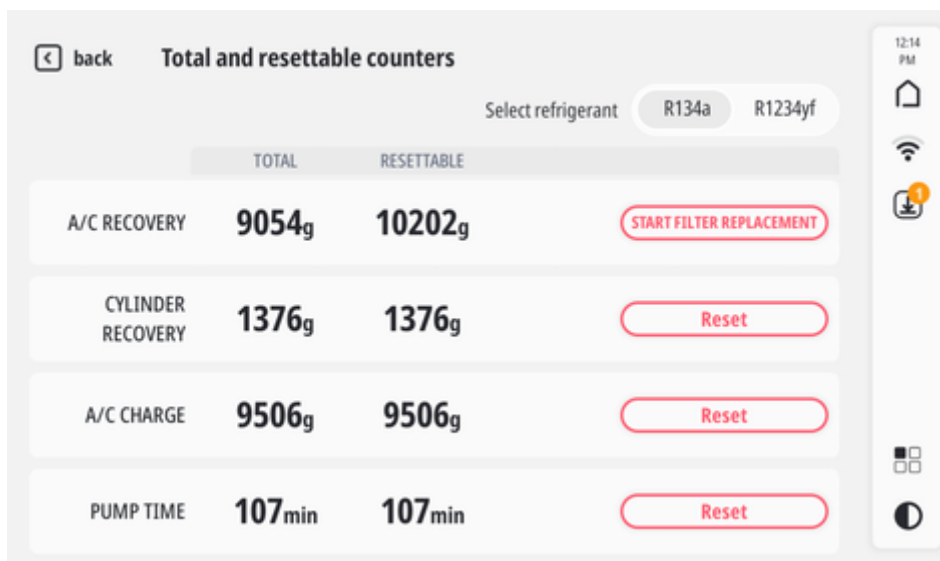
COUNTERS	DESCRIPTION
Total	This type of counters reports the values from the beginning of the charging station's life.
Resettable	This type of counters reports the values starting from the last reset performed.

INFORMATION

The total counters cannot be reset.

If you are working on a BI-GAS charging station, you can indicate for which refrigerant you wish to know the data.

Press **RESET** to reset the resettable counter of the related parameter.



INFORMATION

In order to reset the A/C RECOVERY resettable counter, you must start the filter replacement procedure by pressing START FILTER REPLACEMENT.

Follow the guided procedure and refer to the indications in the charging station's technical manual.

9.9 Partial Counters

This function allows monitoring the charging station's use over time.

It displays a table indicating the values of the various parameters divided by day, week, month, year.

The values are reported for statistical purposes.

The screenshot shows a mobile application interface titled "Partial counters". At the top left is a "back" button. To the right of the title is a "Select refrigerant" dropdown menu with "R134a" and "R1234yf" options. Below this is a table with four columns: "LAST DAY", "LAST WEEK", "LAST MONTH", and "LAST YEAR". The table has four rows of data:

	LAST DAY	LAST WEEK	LAST MONTH	LAST YEAR
A/C RECOVERY	0g	0g	0g	0g
RECOVERY REPETITIONS	0	0	0	0
A/C CHARGE	0g	0g	0g	0g
CHARGE REPETITIONS	0	0	0	0

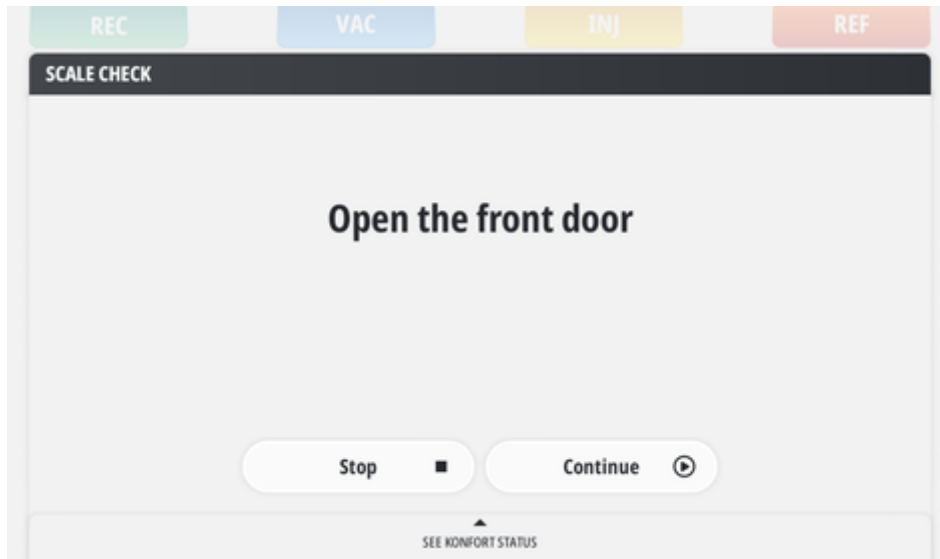
On the right side of the screen, there is a vertical sidebar with icons for home, Wi-Fi, a download icon with a notification badge, a grid icon, and a moon icon. The time "12:15 PM" is displayed at the top right.

INFORMATION

The partial counters cannot be reset.

9.10 Scale check

This function allows starting the guided procedure for checking the internal scale calibration. The software guides the operator step by step through the procedure with specific on-screen messages.



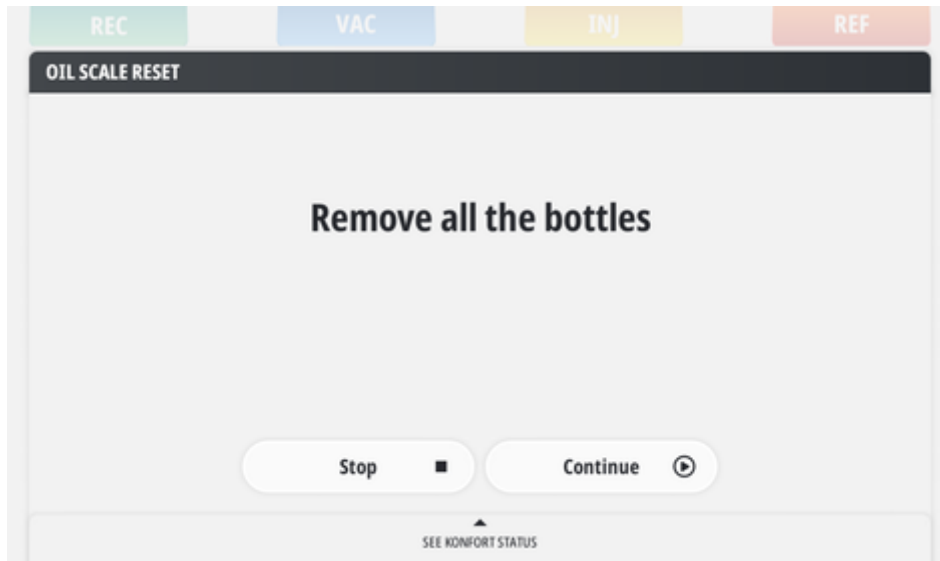
INFORMATION

You must have the sample weight with a known value to position on the charging station's scale.

9.11 Oil Scale Reset

This function allows launching the guided procedure for resetting the oil scales.

The software guides the operator step by step through the procedure with specific on-screen messages.



9.12 Cylinder Management

This function allows managing the intended use of the bottles.

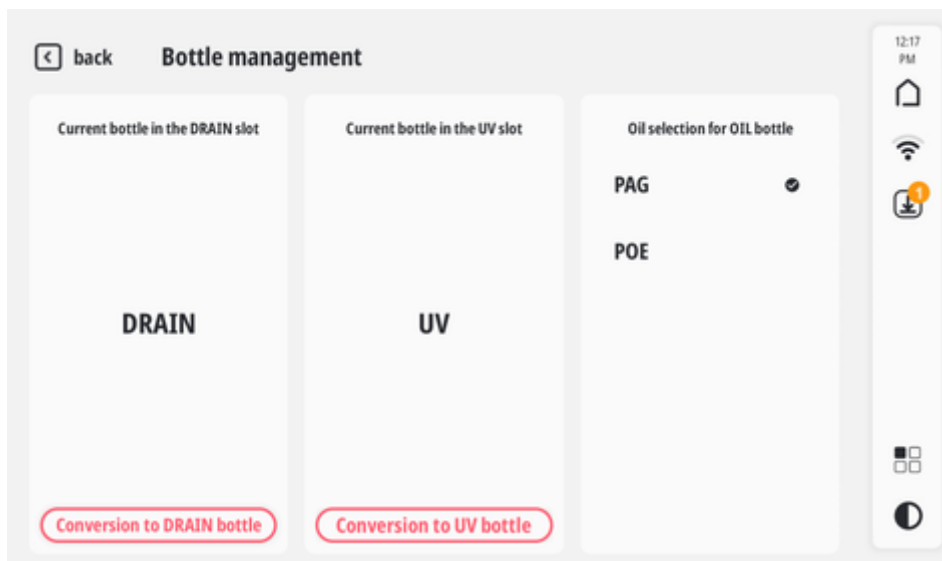
The charging station has the following bottle slots:

- *DRAIN:recovered refrigerant*
- *UV:UV tracer*
- *OIL:oil*

The bottles are labeled with names corresponding to the related slots; however, they can be assigned the intended use you prefer.

Insert the bottle into the desired slot.

Press **CONVERSION**.



INFORMATION

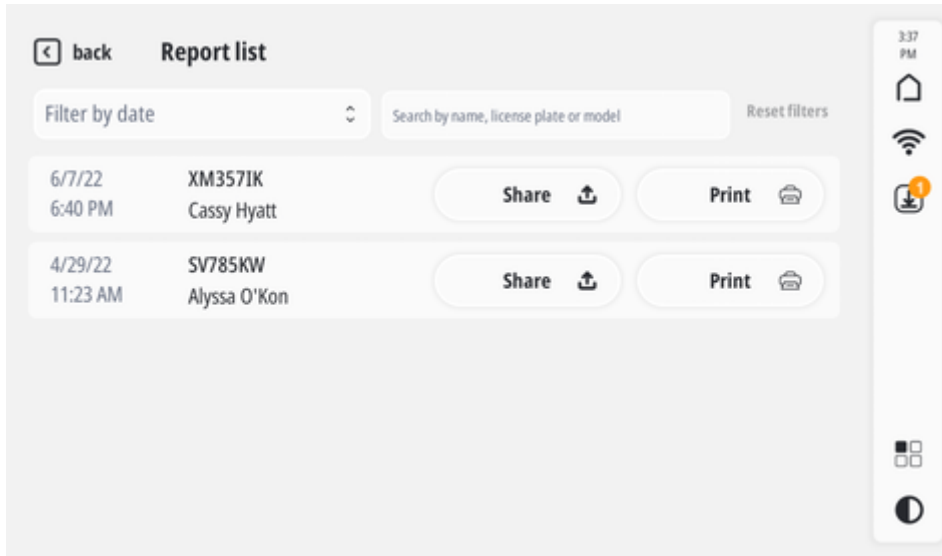
In the case of the bottle to install in the OIL slot, you must also indicate the type of oil used.

The bottles will store the intended use they are assigned.

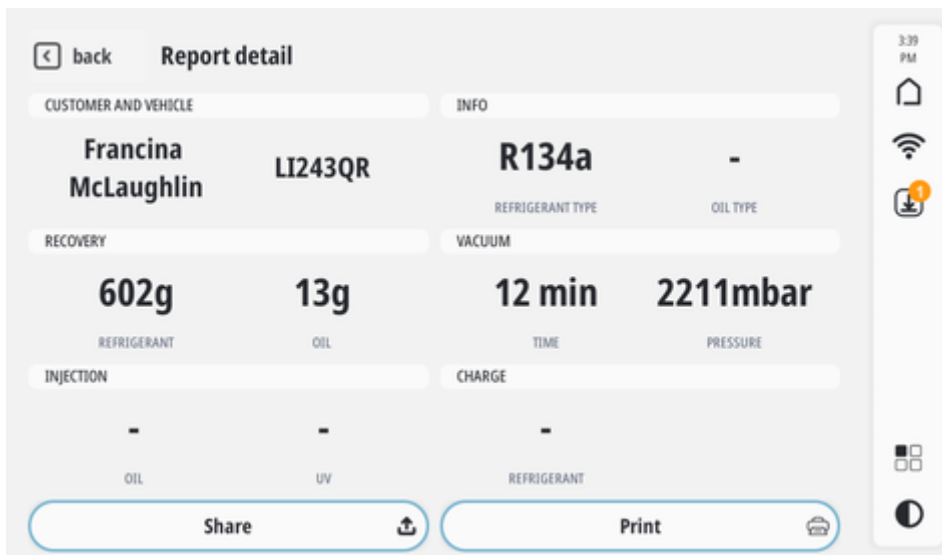
This means that if a bottle is removed from the slot and then reinstalled in the same slot, there is no need to carry out the conversion again.

10 REPORT

This function allows accessing the list of saved reports and print the desired report among the ones available.



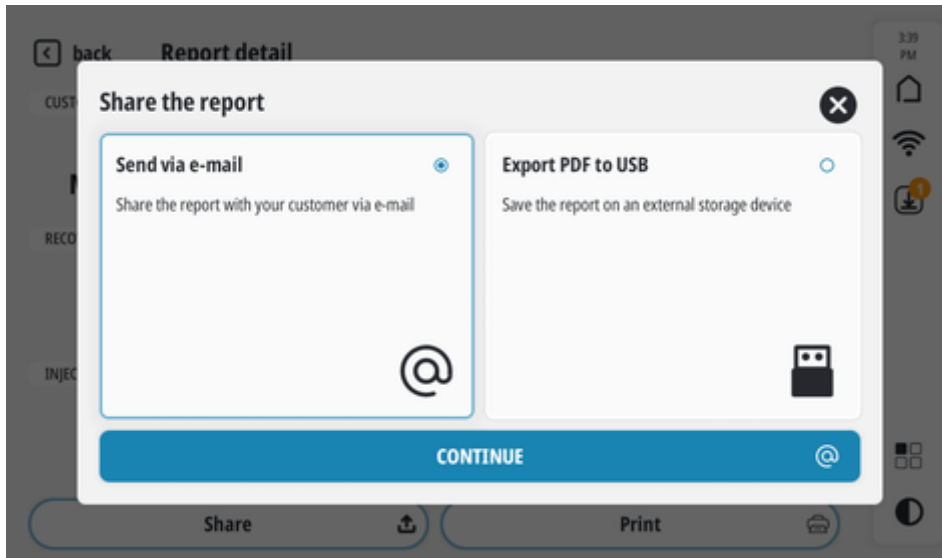
By pressing on the desired report you can view its details.



You can choose whether to share or print the report.

10.1 Share

This function allows selecting the report sharing mode.



Send via e-mail	It allows sharing the report with the customer or directly with a preset internal e-mail address. ¹
Export PDF to USB	It allows saving the report on an external storage device ²

(¹) The charging station must be connected to the Internet via the workshop's Wi-Fi network.

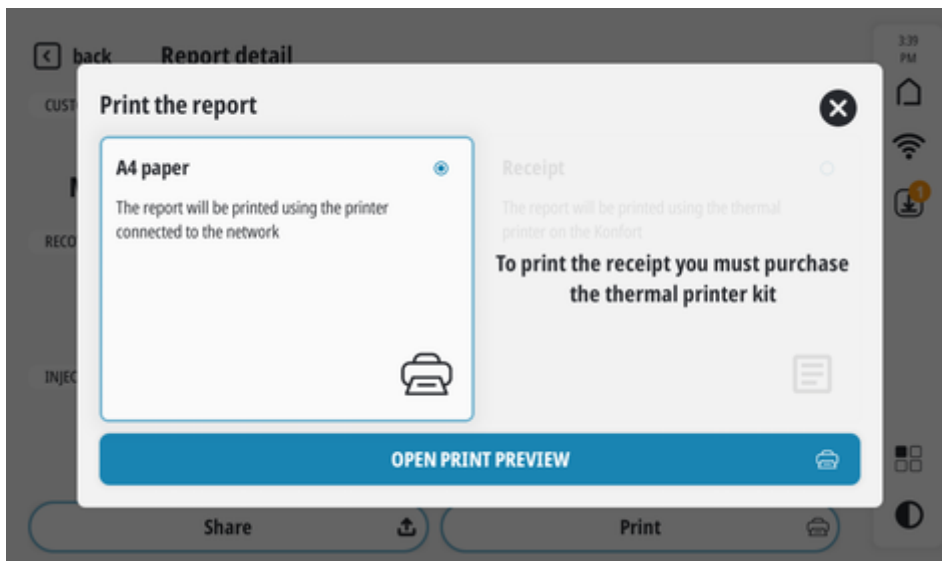
(²) The storage device must be connected to the USB port on the charging station.

Proceed as follows:

1. Select the desired sharing mode.
2. Press **CONTINUE**.
3. Follow the instructions that appear on screen.

10.2 Print

This function allows selecting the report printing mode.



A4 paper	It allows printing the report using the printer connected to the network. ¹
Receipt	It allows printing the report in the form of a receipt using the thermal printer on the charging station. ²

(¹) The charging station must be connected to the Internet via the workshop's Wi-Fi network.

(²) The thermal printer kit must be purchased and installed.

Proceed as follows:

1. Select the desired printing mode.
2. Press **OPEN PRINT PREVIEW**.
3. Follow the instructions that appear on screen.

11 SERVICE

This menu allows accessing the charging station's service functions.

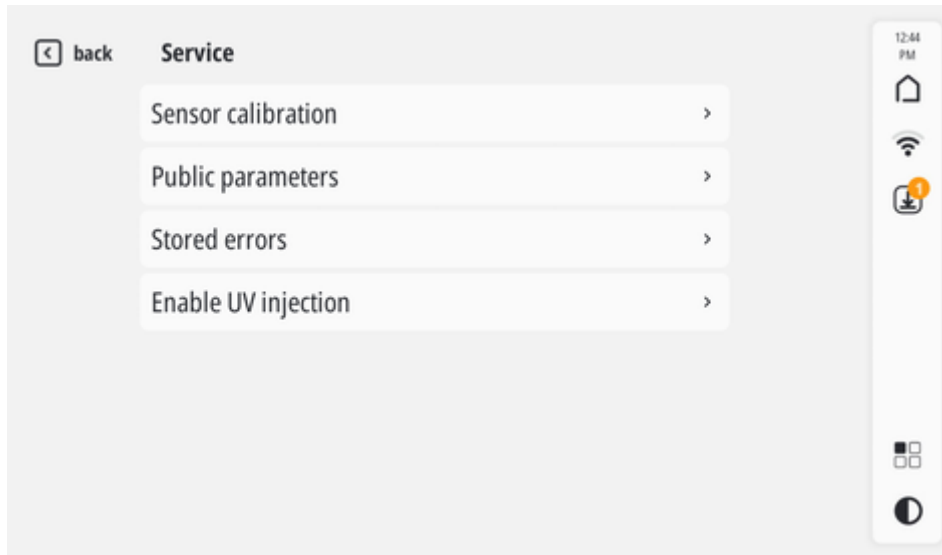
INFORMATION

The number and the items displayed in this screen depend on the password used to access the menu.

Below you can find only the items that can be accessed using the password reserved for the operator.

Some functions are only available on specific models.

In that case, the related menu item is not displayed.



Name	Function
Sensor calibration	It allows accessing the sensor calibration menu.
Public parameters	It allows viewing the charging station's public parameters.
Stored errors	It allows viewing the errors the charging station stored.
Enable UV injection	It allows enabling the injection of UV tracer.

11.1 Sensor Calibration

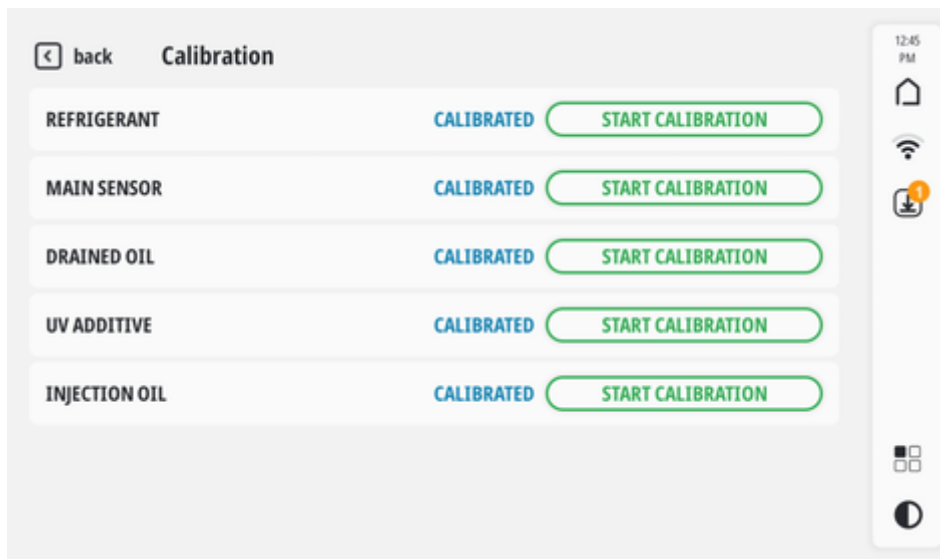
This function allows accessing the sensor calibration menu.

NOTICE

At least once a year, you must make sure the **REFRIGERANT SCALE** and the **PRESSURE TRANSDUCER** are working properly.

The calibration of the oil and UV additive scales is necessary only if clear failures are detected or if a component is replaced.

The status of each sensor is displayed, and it is possible to start the related calibration procedure. The software guides the operator step by step through the procedure with specific on-screen messages.



Name	Function
Coolant	It allows calibrating the refrigerant scale sensor.
UV Additive	It allows calibrating the UV additive bottle sensor.
Injection Oil	It allows calibrating the oil bottle sensor.
Drained Oil	It allows calibrating the oil recovery bottle sensor.
Main Sensor	It allows calibrating the main pressure sensor.

INFORMATION

To calibrate the refrigerant scale sensor you must have the specific **KIT** including the sample weight.

INFORMATION

In the models equipped with standard bottles, you must use an external scale (not supplied) to calibrate the bottle sensors:

- UV
- OIL

During the procedure, you must indicate the correct weight to input.

11.2 Public Parameters

This function allows accessing the charging station's public parameters.

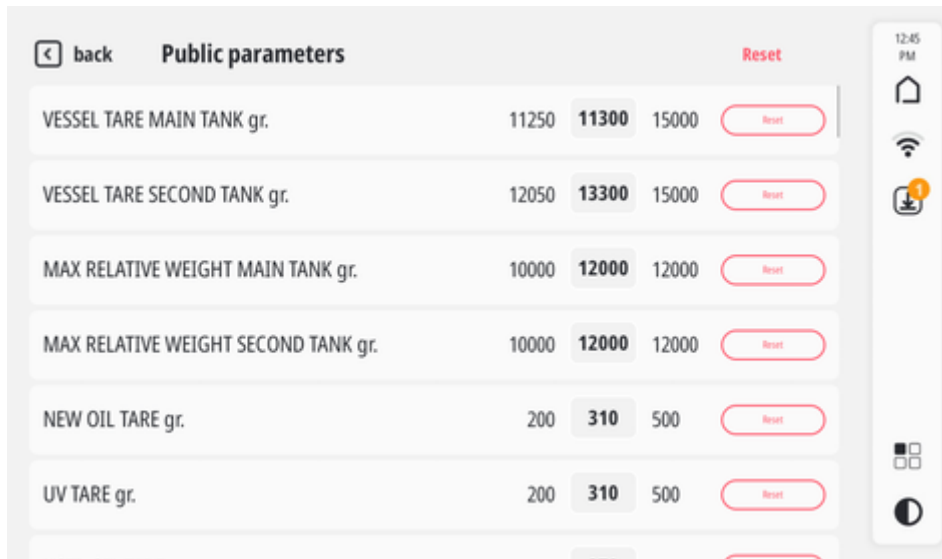
The public parameters are useful to know the operating status of the charging station.

For each parameter, the following values are displayed:

- *minimum allowed*
- *current (editable field)*
- *maximum allowed*

It is possible to enter the value of each parameter manually.

It is possible to reset all parameters at once or only the desired ones individually.



Parameter	Minimum	Current	Maximum	Action
VESSEL TARE MAIN TANK gr.	11250	11300	15000	Reset
VESSEL TARE SECOND TANK gr.	12050	13300	15000	Reset
MAX RELATIVE WEIGHT MAIN TANK gr.	10000	12000	12000	Reset
MAX RELATIVE WEIGHT SECOND TANK gr.	10000	12000	12000	Reset
NEW OIL TARE gr.	200	310	500	Reset
UV TARE gr.	200	310	500	Reset

NOTICE



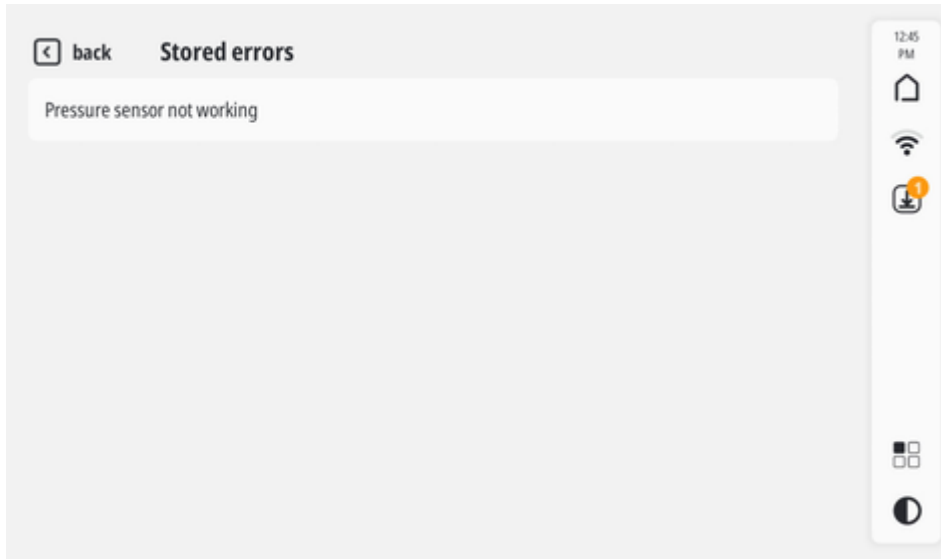
Entering inappropriate values may compromise the proper operation of the charging station.

Change the values **ONLY** if indicated by Technical Assistance.

11.3 Stored Errors

This function allows viewing the errors the charging station stored.

This function is for assistance purposes: it allows understanding more in detail any failures occurred while using the charging station.



INFORMATION

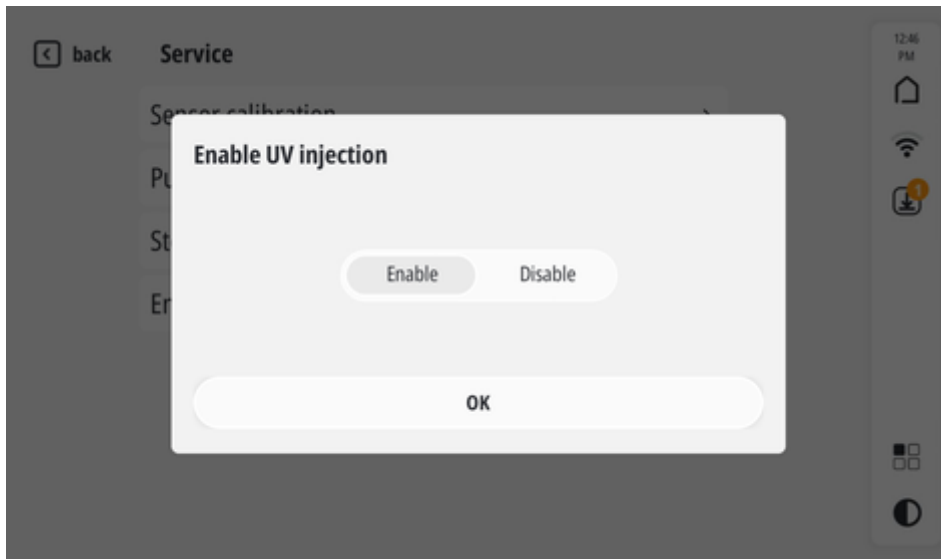
The "user" password does not allow clearing the errors.

To clear the errors, contact your retailer or Technical Assistance.

11.4 Enable UV Injection

This function allows enabling the injection of UV tracer.

The UV tracer injection enabling / disabling is stored as a default selection for any type of recharging service.

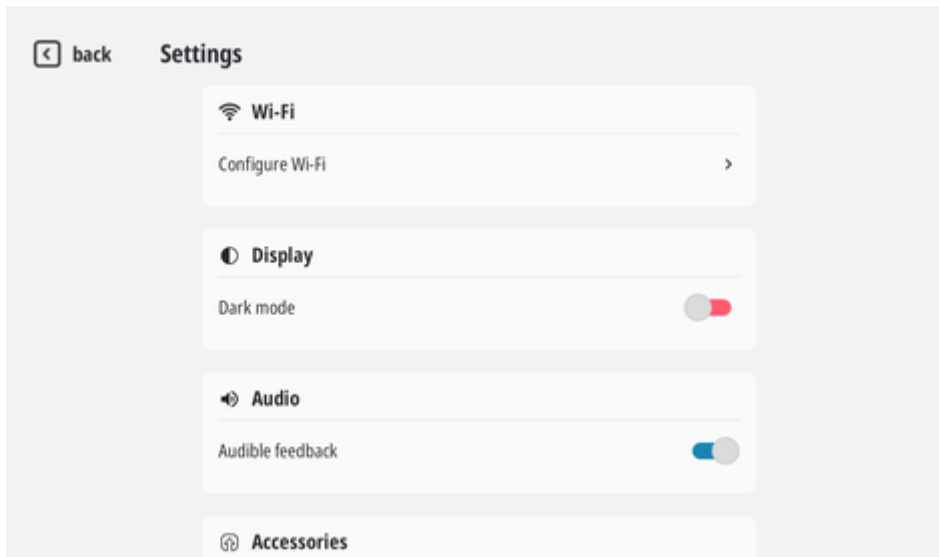


INFORMATION

The selection made in this screen can always be changed in the service start screen.

12 SETTINGS

This menu allows accessing the various settings of the charging station.



The functions available are:

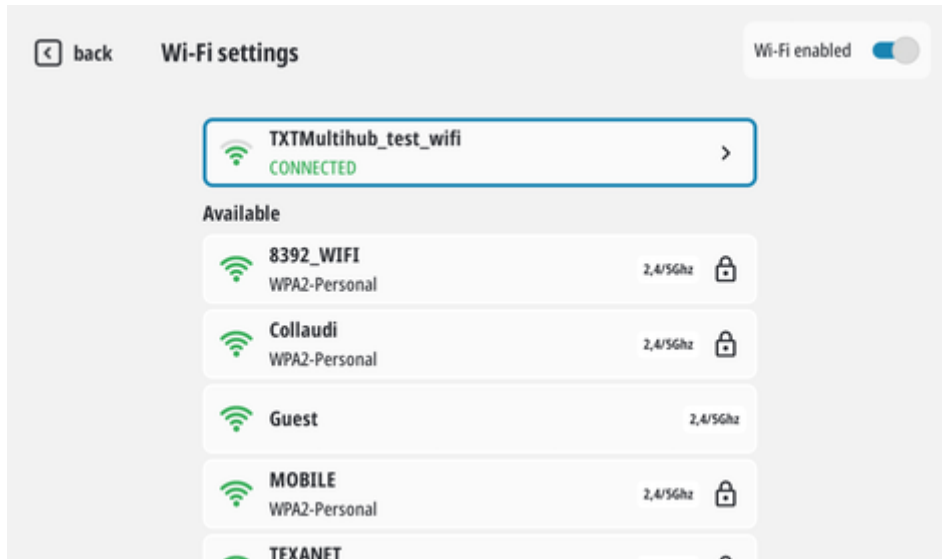
Name	Function
Wi-Fi	It allows connecting the charging station to the workshop's Wi-Fi network.
Display	It allows changing the screen color, from light mode to dark mode and vice versa.
Accessories	It allows managing the charging station's accessories (e.g.: refrigerant identifier).
Mobile App	It allows managing the pairing between the charging station and a mobile device.
Scheduled services	It allows activating the connection to AsaNetwork.
Language and zone	It allows setting the data of the location where the charging station is used.
User data	It allows setting the workshop's company data.
Software version	It reports the charging station's data such as: model, serial number, firmware version, etc.
Activation status	It reports the activation status of the firmware and vehicle selection database.
Advanced settings	It allows carrying out the charging station's backup and factory reset.

INFORMATION

Some functions are only available on specific models. In that case, the related menu item is not displayed.

12.1 Wi-Fi

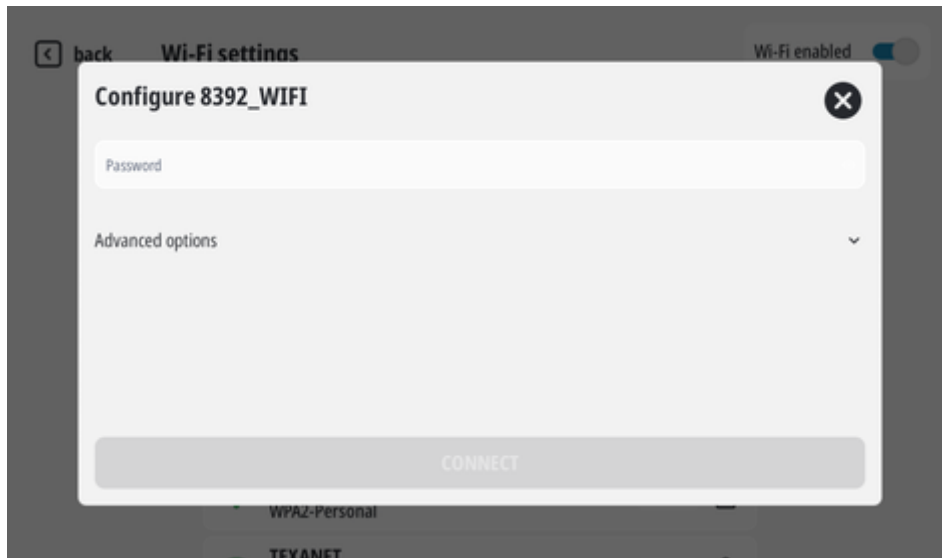
This function allows connecting the charging station to the workshop's Wi-Fi network. Press **Configure Wi-Fi**.



Select the desired network.

Enter the network password.

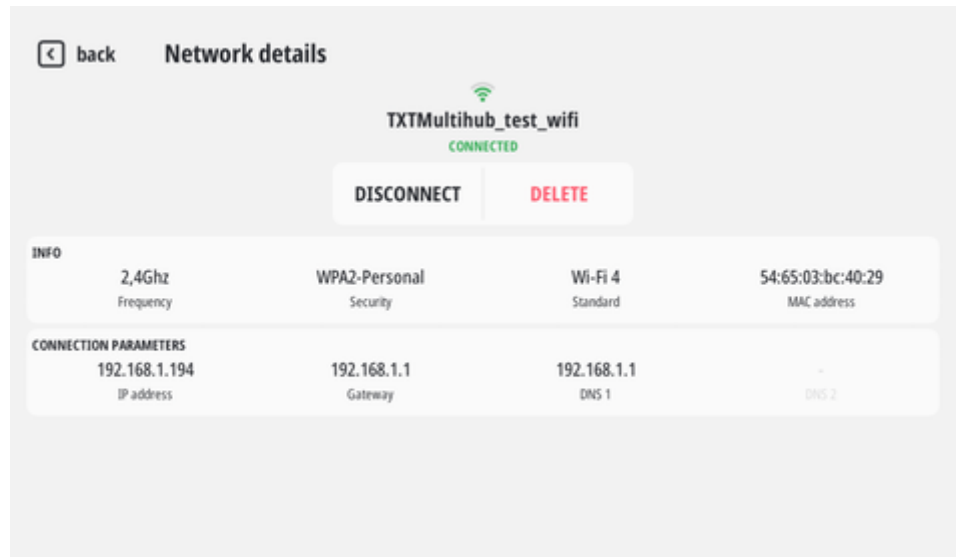
Press **CONNECT**.



Follow the on-screen instructions

INFORMATION

If you press on the network you are connected to, you can disconnect the equipment or delete the network from the list of networks to which the charging station is enabled to connect.



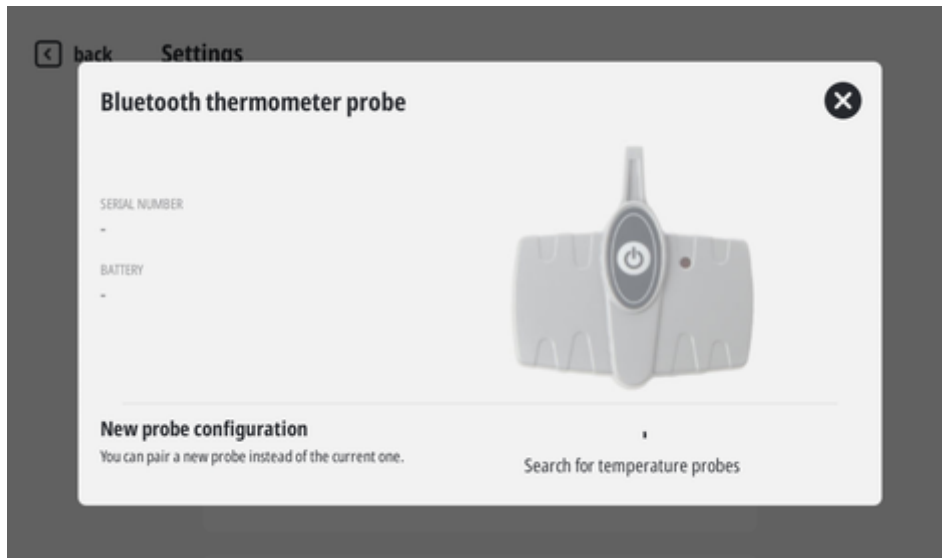
12.2 Accessories

This function allows managing the charging station's accessories (e.g.: refrigerant identifier).

12.2.1 Bluetooth thermometer settings

This function allows launching the search and configuration of the Bluetooth thermometer in the A/C SYSTEM EFFICIENCY CHECK KIT.

Press **Bluetooth thermometer settings**.



Wait for the search to complete.

The software will display all the devices found.

Press **PAIR**.

The software will display the device's serial number and battery's state of charge.



For more information see the device's technical manual.

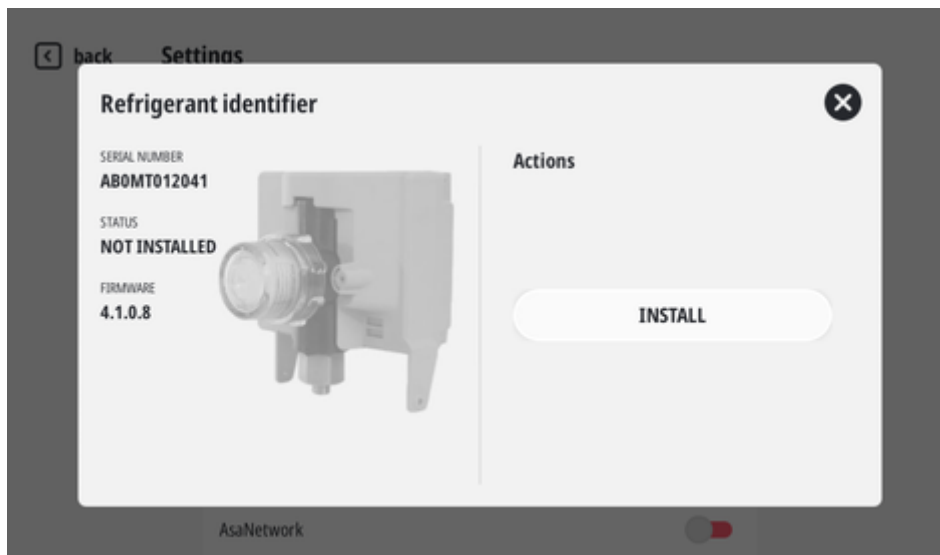
12.2.2 Refrigerant identifier settings

This function allows installing (at a software level) and activating the refrigerant identifier.

INFORMATION

You must have mounted the refrigerant on the machine beforehand.

Press **Refrigerant identifier settings**.



Press **INSTALL**.

Press **Activate manually**.

Enter the activation code.

Press **Activate**.



For further information, see the device's installation manual.

12.3 Mobile App

This function allows you to manage the pairing between the charging station and a mobile device that allows controlling the equipment operations remotely.

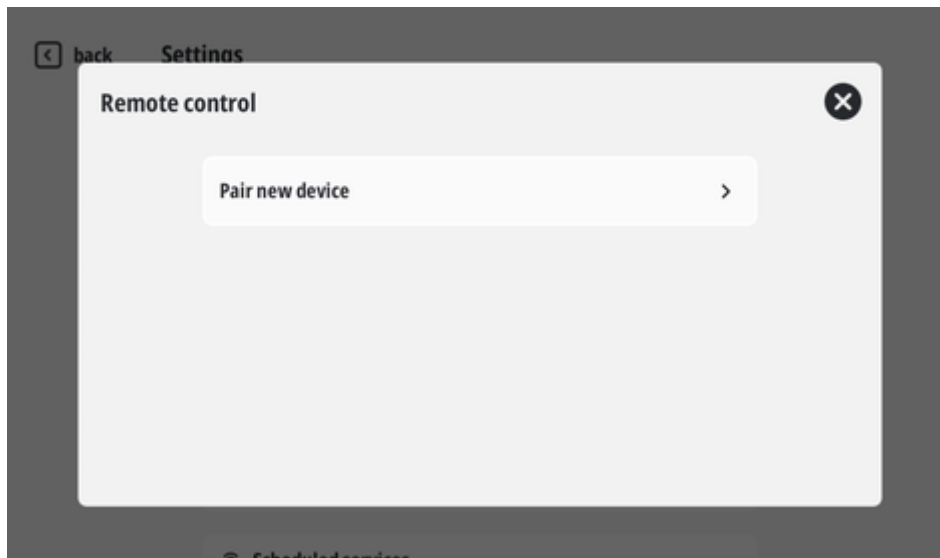
INFORMATION

The mobile device must have the specific app installed, which can be downloaded using the following QR Codes:

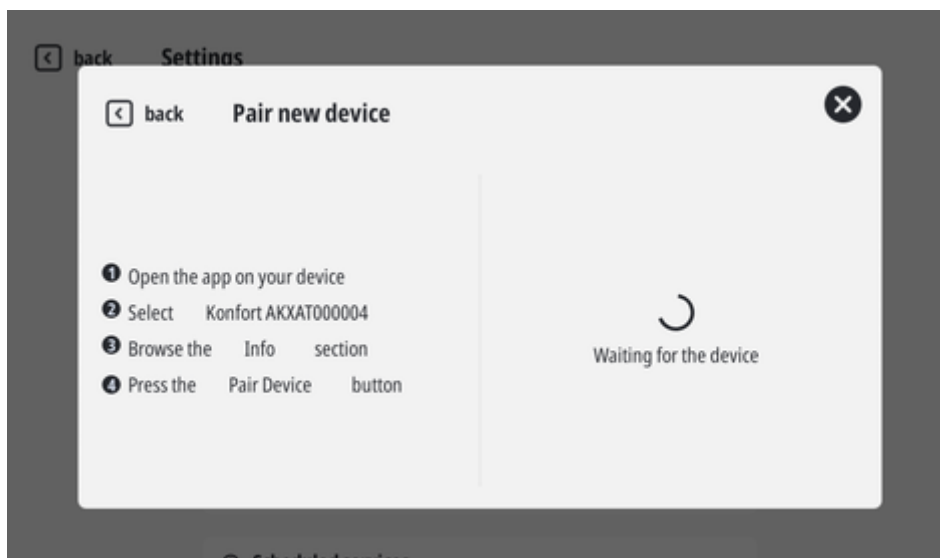


Press **Device pairing management**.

Press **Pair new device**.



Follow the instructions that appear on screen.



12.4 Scheduled Services

This function allows activating the connection to AsaNetwork.

INFORMATION

To be able to send a scheduled service to the equipment, the PC connected to the AsaNetwork must have the specific TEXA software installed.

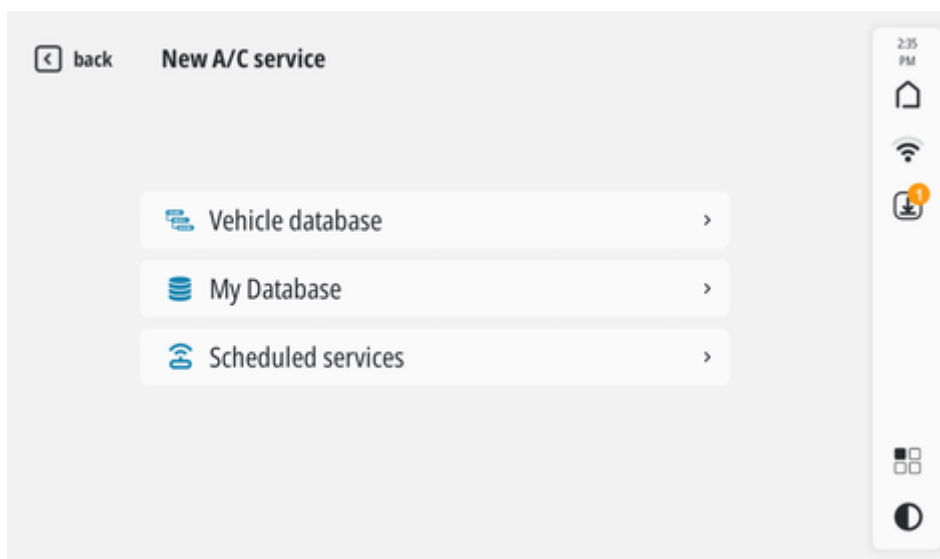
The software acts as an interface between the AsaNetwork and the charging station, transmitting the customer sheets for the scheduled services.

The software can be downloaded at the following address: <https://www.texadeutschland.com/download/>

Once the connection is active, return to the **Home** screen.

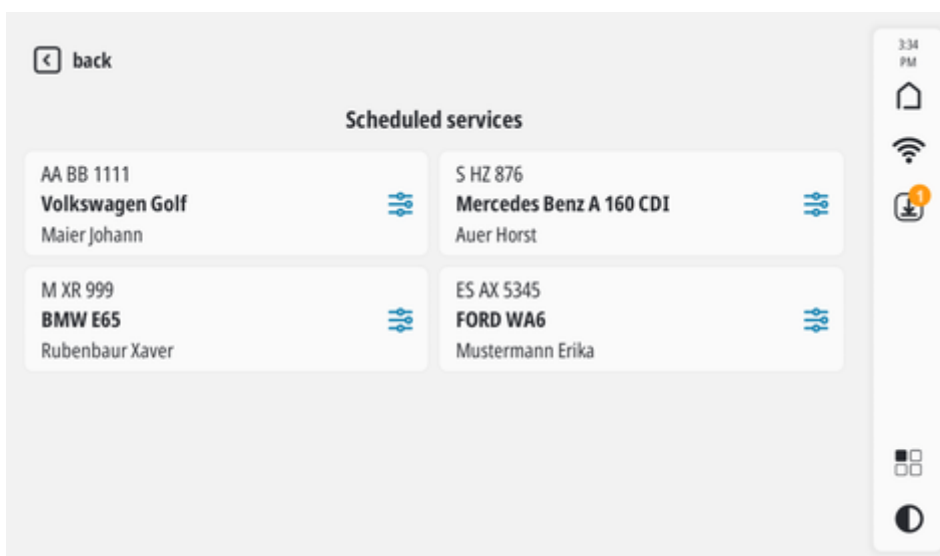
Press **VEHICLE SELECTION**.

Press **Scheduled services**.

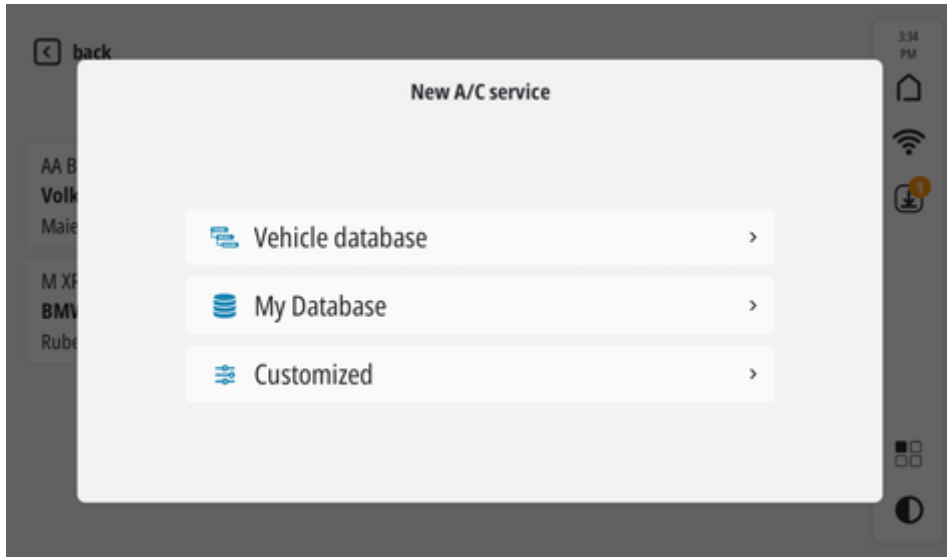


The customer sheets for the services scheduled via AsaNetwork will be displayed.

Select the desired customer sheet.



Select the desired item.



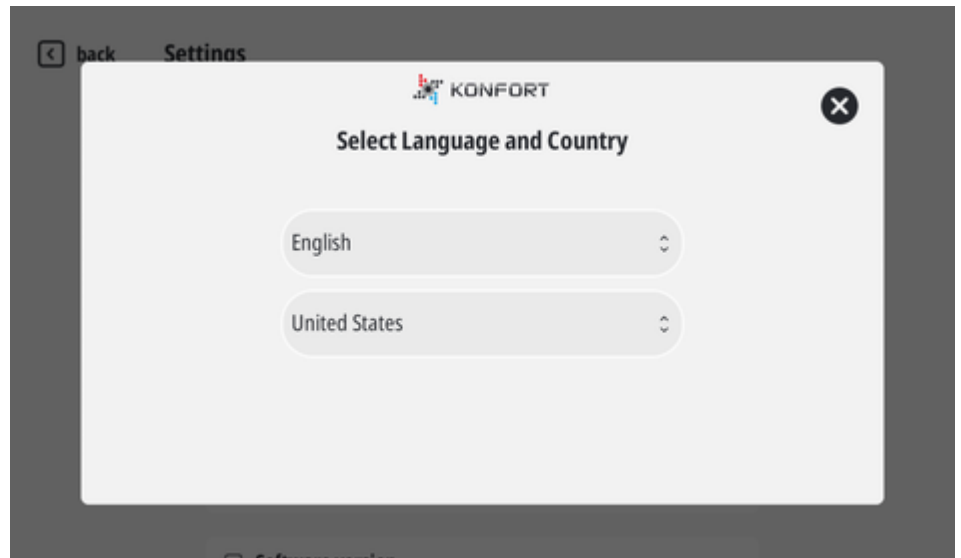
For more information see the VEHICLE SELECTION chapter.

12.5 Language and zone

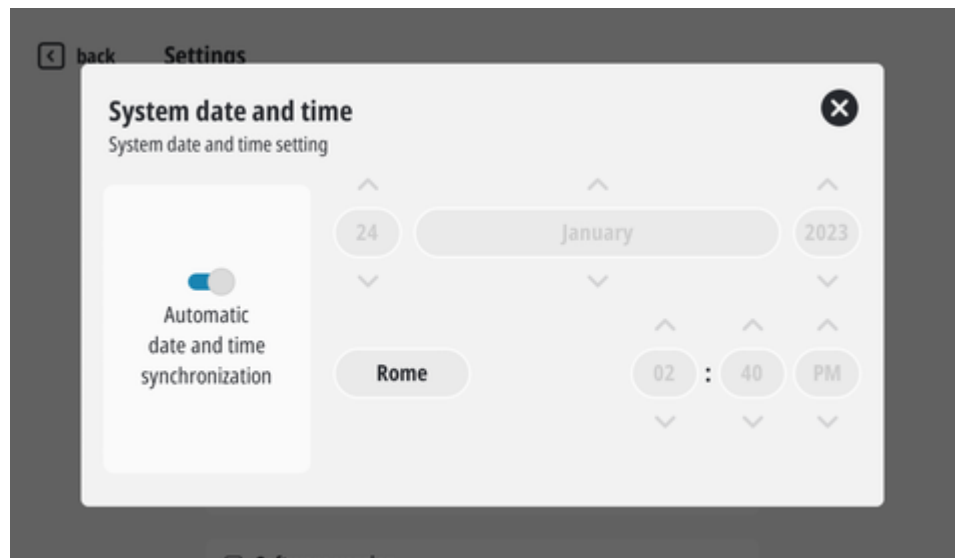
This function allows setting the data of the location where the charging station is used.

The information includes:

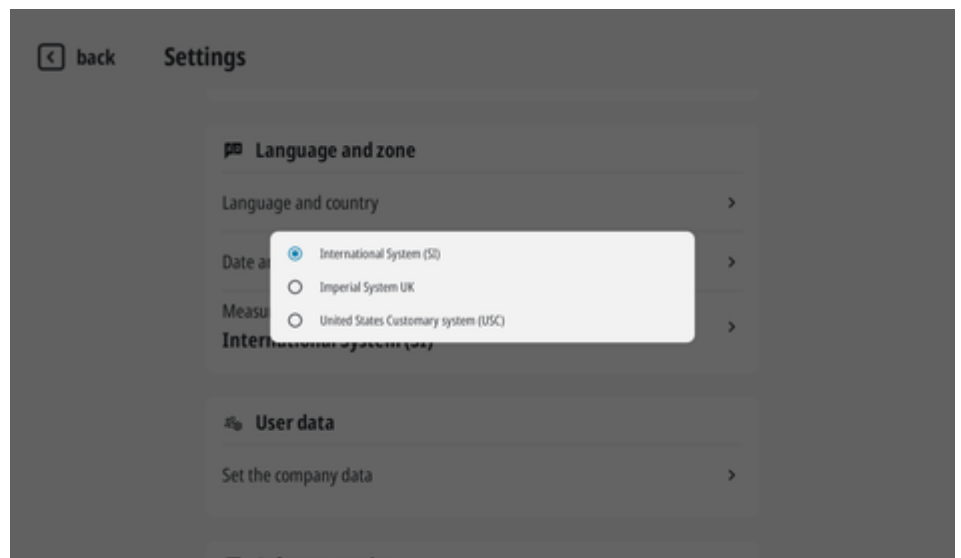
Language and Country



System date and time

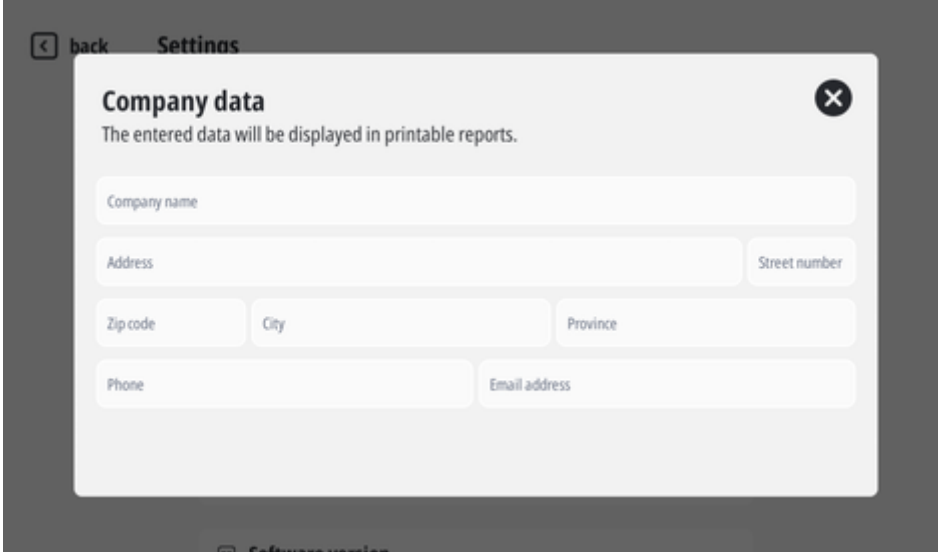


Measurement system



12.6 User data

This function allows setting the workshop's company data. The data you enter here will appear in the printed reports.



The screenshot shows a mobile application interface for setting company data. At the top, there is a 'back' button and the title 'Settings'. Below this is a modal window titled 'Company data' with a close button (X) in the top right corner. Inside the modal, there is a subtitle: 'The entered data will be displayed in printable reports.' The form contains several input fields: 'Company name', 'Address' (with a 'Street number' sub-field), 'Zip code', 'City', 'Province', 'Phone', and 'Email address'. The bottom of the modal shows a 'Save' button and a 'Software version' label.

12.7 Advanced settings

This function allows carrying out the charging station's backup and factory reset.

Before resetting it to factory settings, you can carry out a backup of the settings and data stored in the charging station.

