EN7557990-01

10 - 2022

CLIMACIAT®

Webserver

Control manual

CIAT

CONTENTS

1 - REMINDERS **4**

2 - WEBSERVER CONFIGURATION **4**
2.1 - Procedure for direct connection to the webserver 4
2.2 - Changing the webserver IP address 6

3 - USE **7**
3.1 - Login 7
3.2 - Main page 7
3.3 - Webserver settings 9
3.4 - Legal information 10
3.5 - Overview 10
3.6 - Setpoints 11
3.7 - Alarms 12

4 - APPENDICES **13**
4.1 - Activating javascript 13

Translation of the original document

1 - REMINDERS

The web application is available from the webserver root directory. It can be accessed from the following address: http://<webserver>.

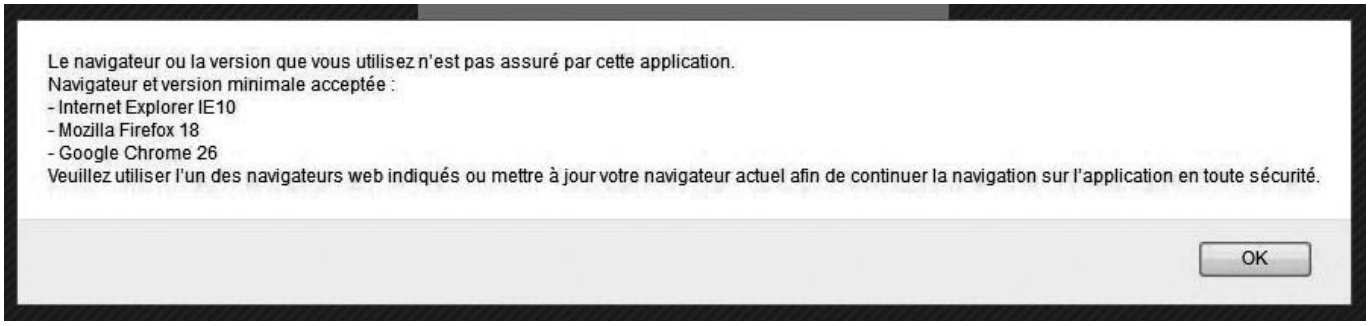
When connecting to this address, you will be automatically redirected to the application root directory.

It can be accessed from the Internet or local network (depending on the IT network configuration).

The application is compatible with the following browsers (minimum permitted versions):

- Internet Explorer IE10
- Mozilla Firefox 18
- Google Chrome 26

If a different browser or earlier version is used, a pop-up window will appear. The pop-up does not block access; it is possible to use the application but it is not guaranteed to run correctly.



The application has been developed using Javascript, which must be activated in the browser (see Appendices §4.1 for information on activation).

The application has been designed for display at a minimum resolution of 1280x800.

2 - WEBSERVER CONFIGURATION

By default, the webserver board is initialised to a fixed IP address (172.16.0.1).

Tests can be run by connecting a PC directly with a network cable (2.1).

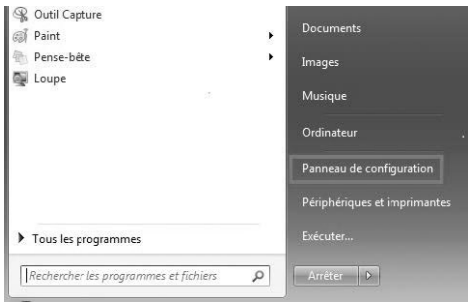
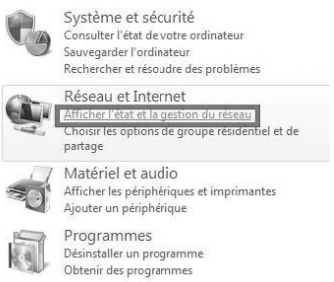
To connect this board to your network, it is necessary to configure its IP address (2.2).

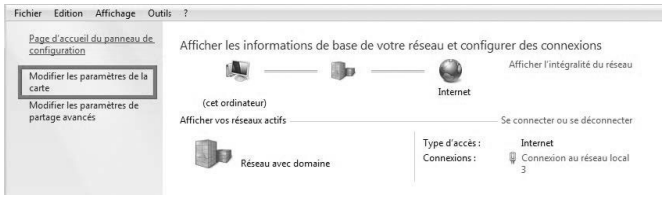
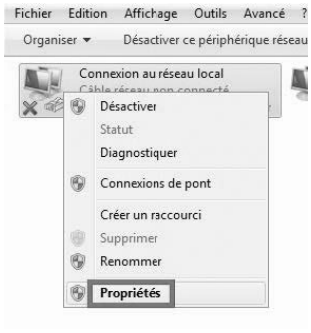
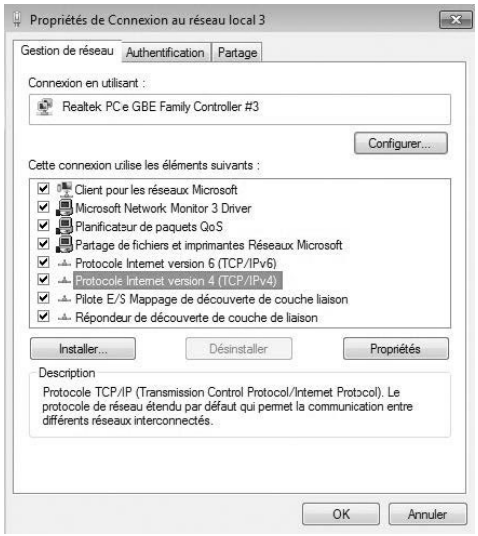
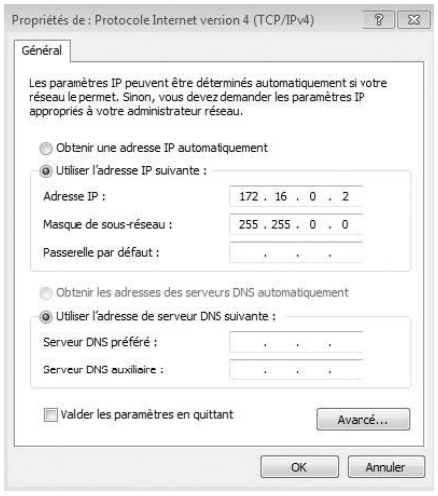
2.1 - Procedure for direct connection to the webserver

It is possible to connect directing to the webserver using an Ethernet cable by configuring a PC to the same subnet.

Important: you must have administrator rights to your computer to change your PC's IP address

Procedure for Windows 7:

Go to the **Start** menu on your PC then **Control Panel**.	
In the Network and Internet section, click the link **View network status and tasks**.	

A new window will open. In the left-hand section, select **Change adapter settings**.	
Right-click with the mouse on the name of the network connection you wish to configure. In the menu which appears, select **Properties**.	
Select the row **Internet Protocol Version 4 (TCP/IPv4).** Click the **Properties** button.	
Enter your IP address : **172.16.0.2.** Subnet mask : **255.255.0.0** And validate	

The webserver can now be accessed at the address **http://172.16.0.1**

2.2 - Changing the webserver IP address

To connect the webserver to your network, it is necessary to configure its IP address.

Press and hold the "Alarm" and "Enter" keys simultaneously for 5 seconds. A menu is displayed. Select "Other information" then "PCOWEB/NET config" then "PCOWEB settings".

```
  SYSTEM INFORMATION
  LOG DATA
▶ OTHER INFORMATION
  NAND FLASH FILES
```

```
  ID NUMBER INFO
▶ PCOWEB / NET CONFIG
  MEMORIES STATUS
  NAND FLASH FILES
```

```
▶ PCOWEB SETTINGS
  PCONET SETTINGS
```

It is then possible to activate/deactivate DHCP mode or to select a fixed IP.

```
DHCP:NO
IP Address:
172:016:000:001
```

Then select "YES" on the "Update pCOWeb" line. The message "Update complete. Reboot pCOWeb to apply new settings" should be shown. The PLC must now be restarted.

```
PCOWEB CONFIG ENABLE
Update pCOWEB? YES
```

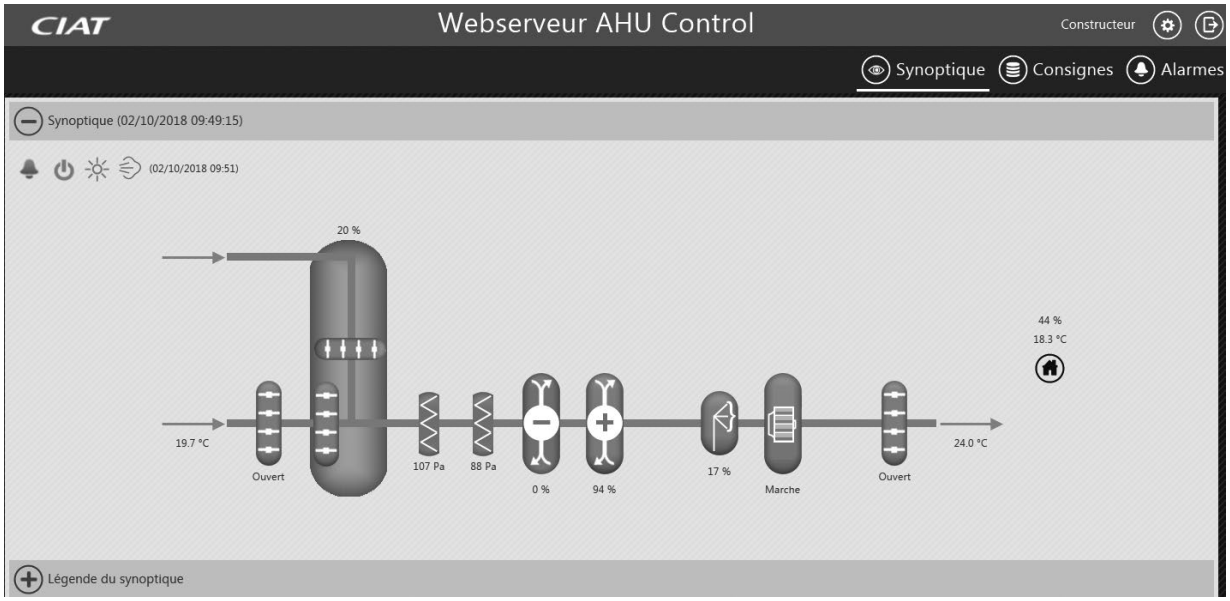
```
PCOWEB CONFIG ENABLE
Update complete
Reboot pCOWeb to
apply new setting
```

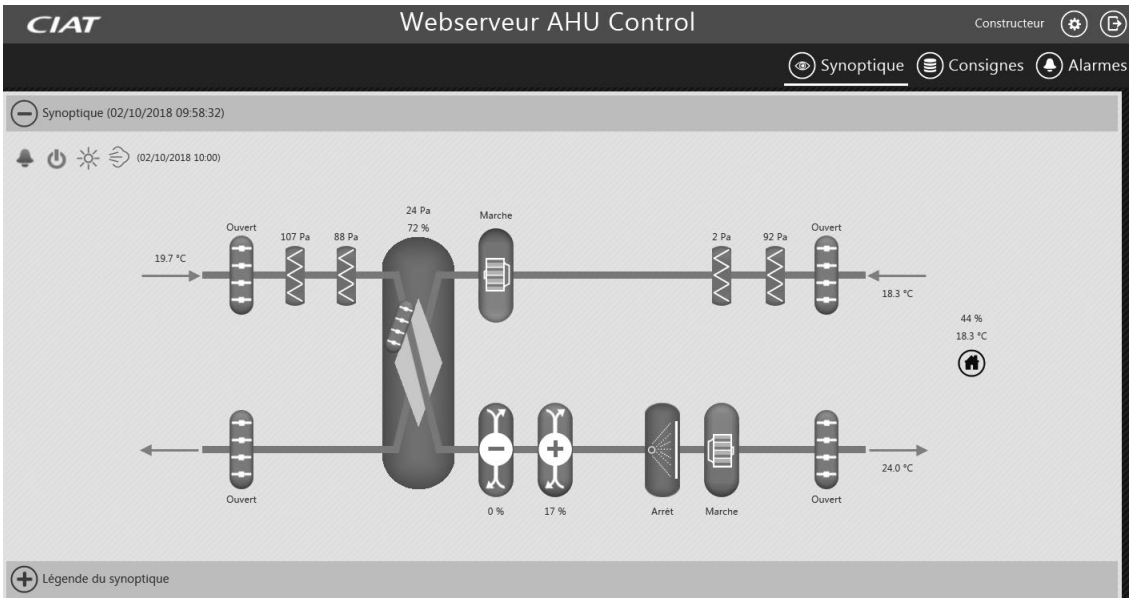
You must wait approx. 2 minutes before you can connect to the board, (the time taken for it to initialise after powering up).

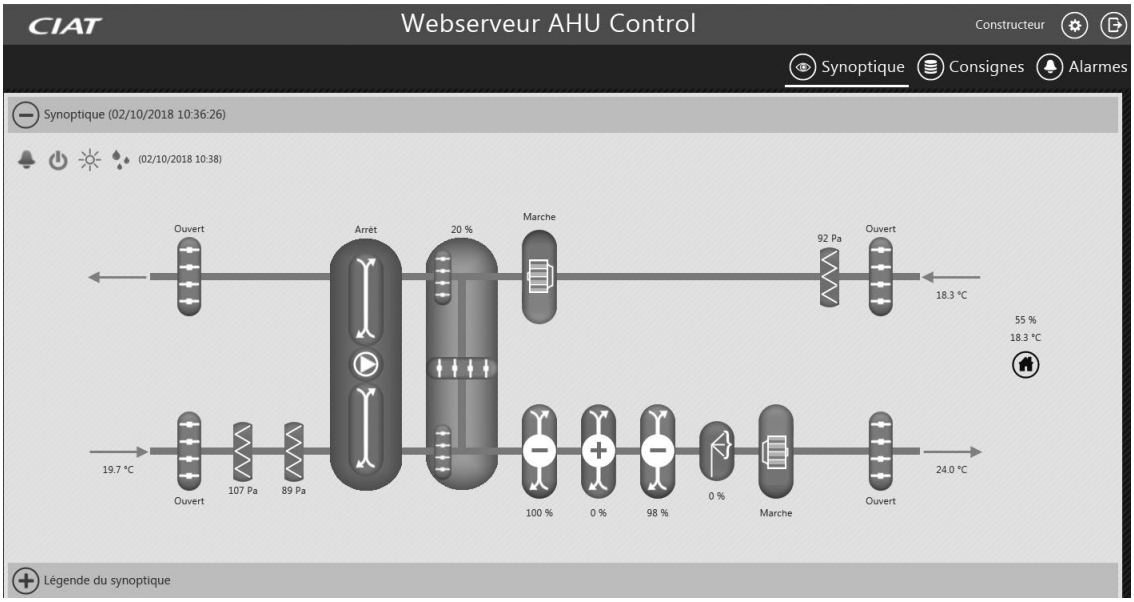
3.1 - Login

The login page is shown on the site's landing page, and restricts access to the application.
The default language used will be the one defined in the PLC.
There are three fixed identifiers: User, Installer and Manufacturer.
To log in, enter an identifier and the corresponding password.
The password must be between 4 and 30 characters.
To log in as User, enter the default password **fUtilisateur.**
To access the application, click "Login".

3.2 - Main page







- The main page can only be accessed after logging in.
- It has four sections:
  - The header
  - The menu
  - The footer
  - The specific pages

3.2.1 - Header

- The header comprises:
- A customisable reference
- The identifier for the person currently logged in
- A button to access the webserver settings (to change the language or password, or change the customisable reference)
- A logout button

3.2.2 - Menu

The menu has three sections: Overview, Setpoints and Alarms

Click on one of the links to go to the page indicated; the selected section is underlined.

If an alarm is active, the logo which corresponds to the Alarm is replaced by the warning logo indicating that there is an active alarm. The logo will be displayed until the alarm is cleared.

3.2.3 - Footer

The footer contains four links:
- Legal information: a dedicated area containing the legal information for the application and the manufacturer.
- Manufacturer site: opens the manufacturer's website in a new tab.
- Spare parts: opens the manufacturer's spare parts website in a new tab.
- Network configuration: opens the network configuration website in a new tab. This link is only visible if logged in as Installer.

3.2.4 - Specific pages

The specific page area changes depending on the page that you wish to display. When a page is being loaded, a loading icon is displayed.

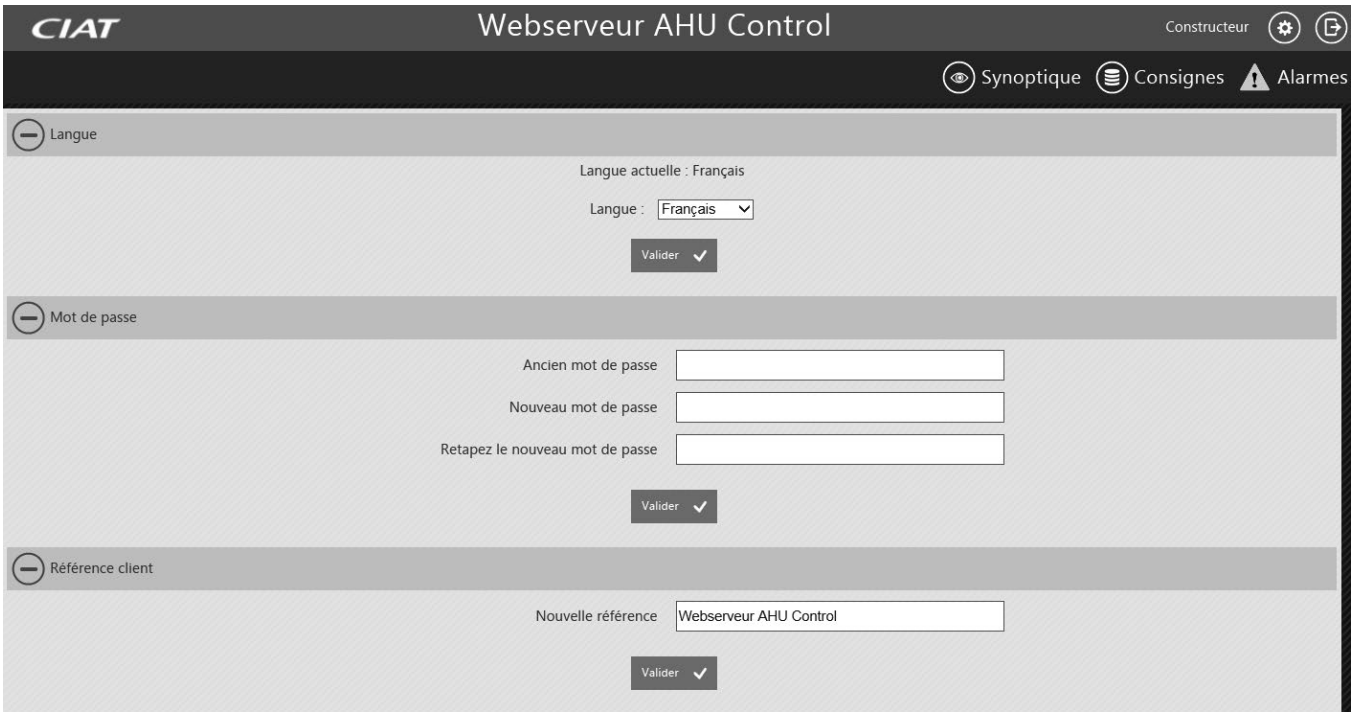
3.3 - Webserver settings

This specific page is used for modifying the webserver settings.

Any modification made will affect all users (only one single language and one single customised reference are possible for all users).

No priority system is in place; the most recent modification will be the one which is applied.

For each of the sections, the change is confirmed by clicking the "Confirm" button within its section.



3.3.1 - Languages

The Language section contains a dropdown list of languages available for the application.
- English
- French
- German
- Spanish
- Italian
- Dutch

3.3.2 - password

The password section is used to change the password for the user currently logged in.

It is only possible to change the password if the fields comply with the following rules:
The old password must be entered correctly
The new password fields must be identical
The new password must have a minimum of 4 characters and a maximum of 30.

3.3.3 - Customer reference

The Customer reference section comprises a field which already contains the value entered in the PLC.
This reference can be changed, but will only be saved if it is within the 75-character limit.
The reference is used for the name of the site and is displayed in the header.

Note: depending on the screen resolution of your browser, it is possible that if the customer reference is too long, it will get swallowed up by the page header bar.

3.3.4 - Information

This section displays information relating to the PLC and the webserver.

3.3.5 - Log file download

This section is only visible if logged in as Installer. It is used to download the webserver logs in the event of a fault, so that they can be sent to the manufacturer's technical support.

3.4 - Legal information

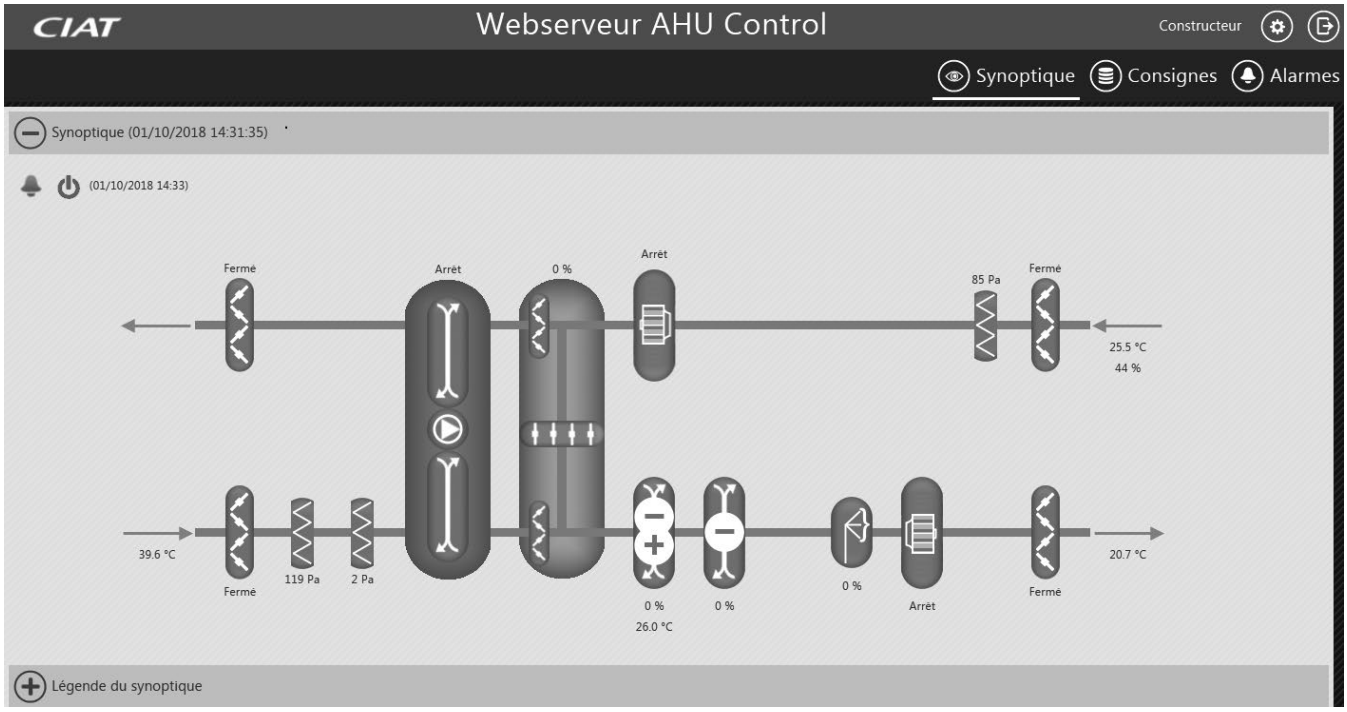
The legal information can be accessed from the page footer.

It contains all the terms and conditions for using and operating the product and the application.

3.5 - Overview

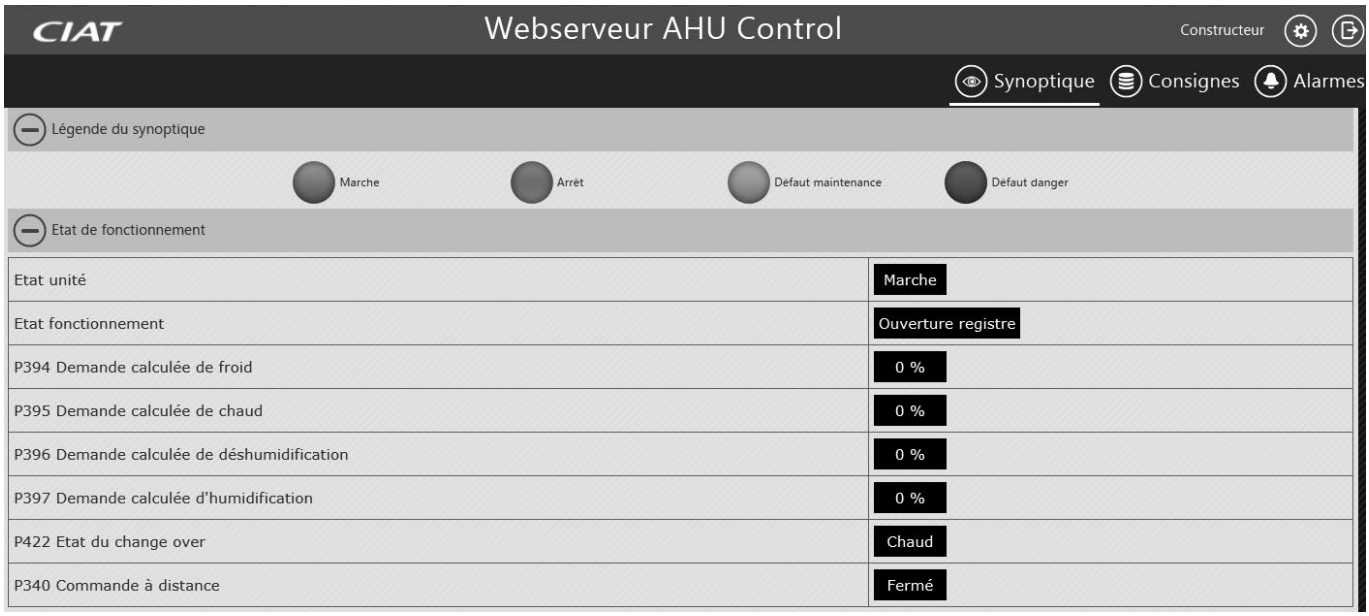
The Overview page is used to view the machine and its operating status in diagram form.

The colours of the elements and the associated information change based on the data sent by the PLC.



The "Operating status" section contains information displayed dynamically based on the configuration of the machine and its operating status.

The settings contained in this section are available to view as read only.



3.6 - Setpoints

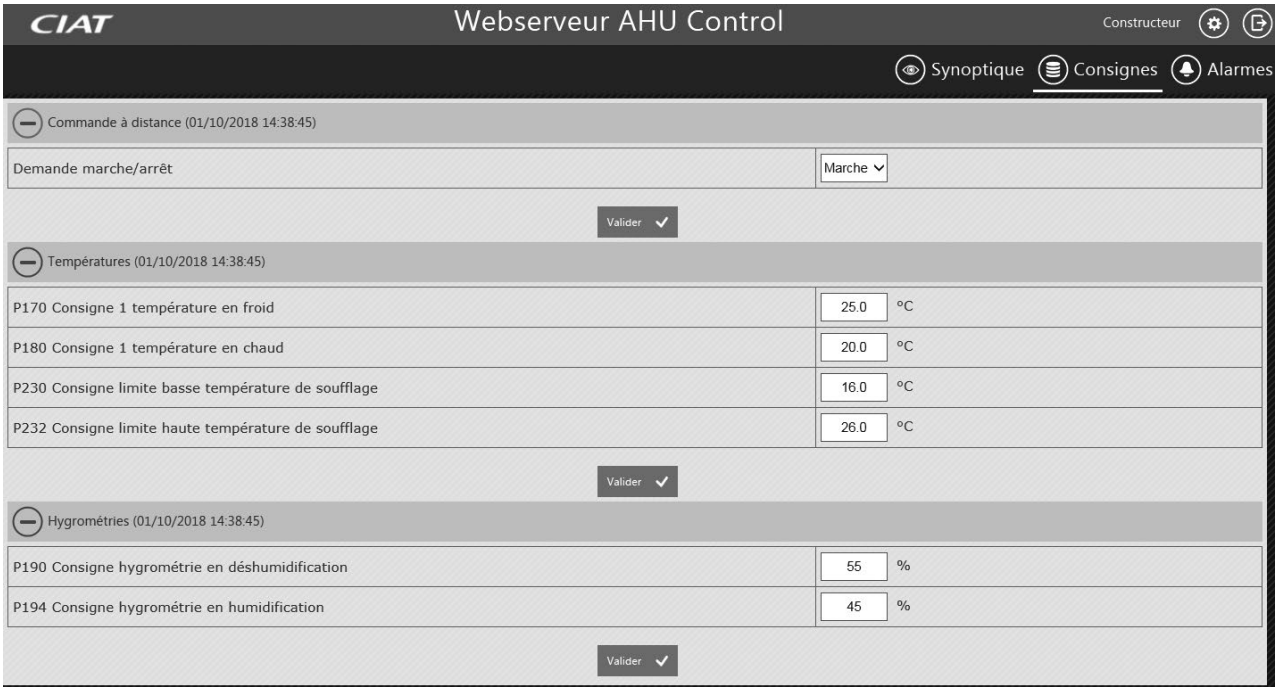
The Setpoints page is used to monitor and modify the operating points for the AHU.

The fields can be modified if the user has the correct access rights.

Each section has its own Confirm button. This button checks the validity of the fields and saves the new values for the section.

The free text fields are confirmed provided that the value entered is between the minimum and maximum values permitted for each setting.

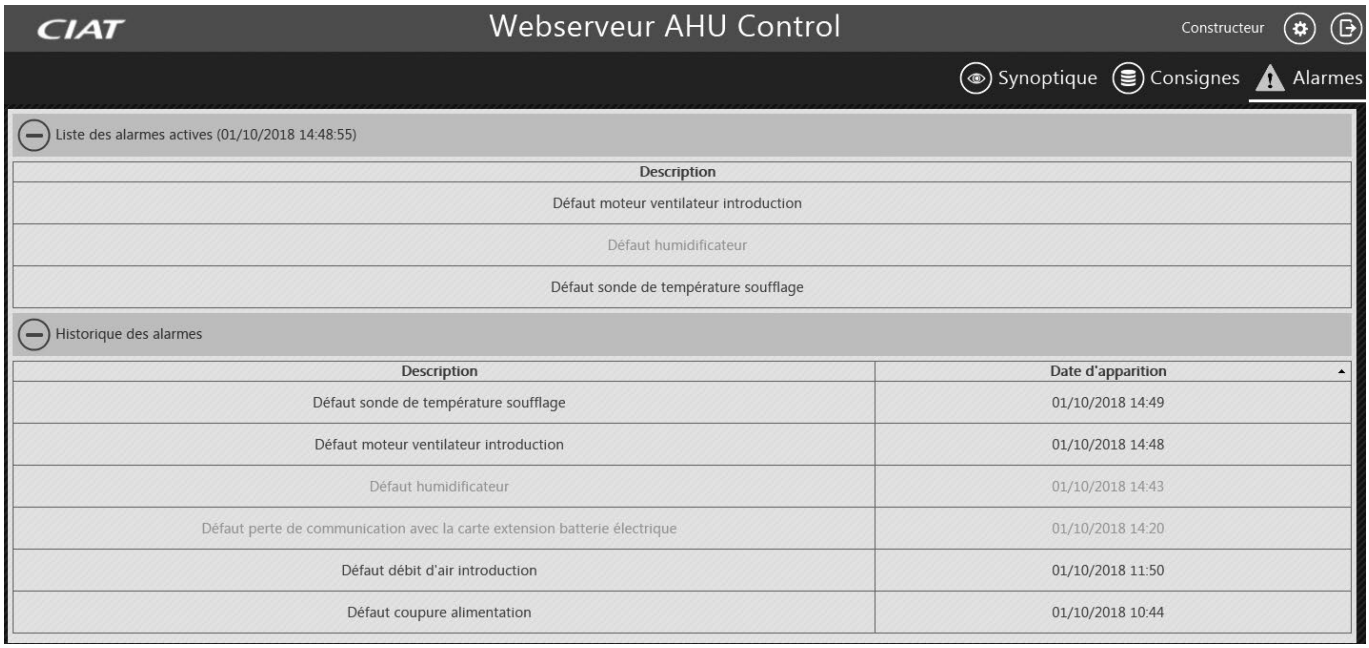
- Each setpoint has a specific permissible increment; if the value entered does not comply with this, it will be rounded up or down when confirmed.



3.7 - Alarms

The Alarms page shows all alarms.

Two colours are displayed for the alarms:
- Orange for Maintenance type alarms
- Red for Danger type alarms



4.1 - Activating javascript

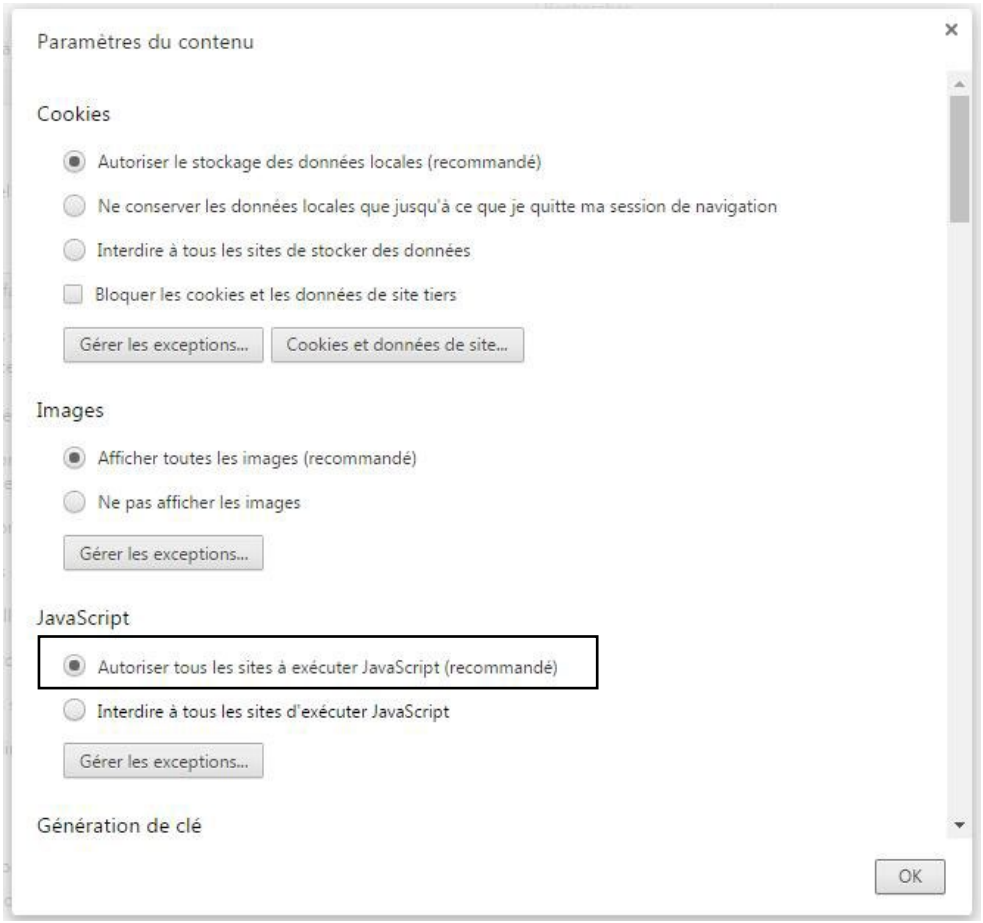
To check or activate the use of Javascript in your browser:

- Internet Explorer:
  - Click Tools > Internet Options
  - In the pop-up, select "Security"
  - Click "Internet" or "Local intranet" depending on your configuration

Select "Custom level"

In the Active Scripting box, check "Enable"

- Google Chrome:
  - Select the Settings menu
  - On the Settings page, click "Show advanced settings..."
  - In the "Privacy" section, click "Content settings"
  - On the pop-up which is displayed, check the "Allow all sites to run JavaScript" box



Carrier S.C.S, Rte de Thil - 01120 Montluel, France.
Manufacturer reserves the right to change any product specifications without notice.

Printed in the European Union.