

4.5.5 Configuration

ATTENTION: The page is not available for “User” type.



4.5.5.1 Accessories configuration

Accessories configuration Board Programming

Modulating Post Treatment:

- ☒ Not present
- ☐ Hydronic Heating Coil
- ☐ Hydronic Cooling Coil
- ☐ Electric Heater

ON/OFF Post Treatment:

- ☒ Not present
- ☐ Hydronic Heating Coil
- ☐ Hydronic Cooling Coil
- ☐ Electric Heater

Air quality probe:

- ☒ Not present
- ☐ Enabled

Electric Pre Heater:

- ☐ Not present
- ☒ Enabled

Humidity probe:

- ☒ Not present
- ☐ Enabled

ON/OFF Remoto :

- ☒ Assente
- ☐ X3
- ☐ X8

Fire Alarm :

- ☒ Assente
- ☐ X3
- ☐ X8

Terminal table

Terminal	X1	None
Terminal	X2	None
Terminal	X8	None
Terminal	Q1	Common alarm indication output
Terminal	AO	None
Terminal	A1	Preheat.coil electric position
Terminal	X3	Preheat.coil overtemp. Detector

Read the current configuration Apply the new configuration

In this page it is possible to configure the accessories for the unit:

- **Modulating Post Treatment:**
 - Hydronic Heating coil
0-10V control signal + Temperature probe
 - Hydronic Cooling coil
0-10V control signal
 - Electric Heater
0-10V control signal + Temperature switch
- **ON/OFF Post Treatment:**
 - Hydronic Heating coil
24V relay + Temperature probe
 - Hydronic Cooling coil
24V relay
 - Electric Heater
24V relay + Temperature switch
- **Air quality probe / Humidity probe:**

- 0-10V input signal
- **Electric Pre Heater:**
 - 0-10V control signal + Temperature switch
- **Remote ON/OFF contact:**
 - NO contact (normally open) configured on X3 terminal (see wiring diagram)
 - NO contact (normally open) configured on X8 terminal (see wiring diagram)

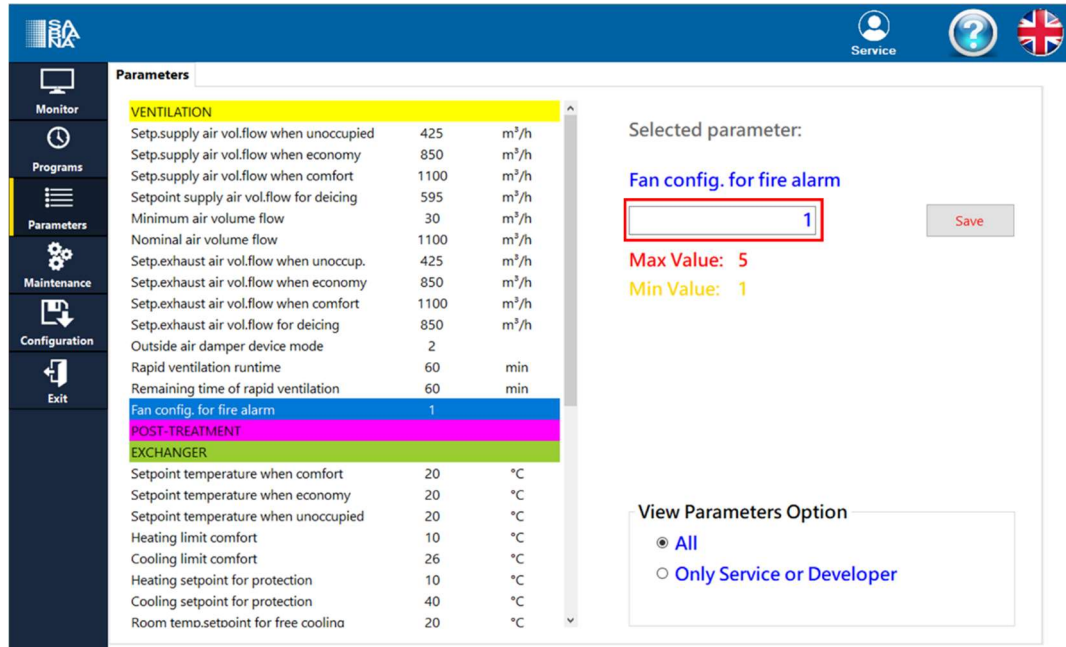
ATTENTION: X3 and X8 terminal are used also for other accessories, e.g. the post and pre treatment functions. For each terminal is possible to configure only one function.

- **Fire Alarm contact:**
 - NO contact (normally open) configured on X3 terminal (see wiring diagram)
 - NO contact (normally open) configured on X8 terminal (see wiring diagram)

ATTENTION: X3 and X8 terminal are used also for other accessories, e.g. the post and pre treatment functions. For each terminal is possible to configure only one function.

In the “Parameters” Page is possible to select between 5 different fan behaviour in case of Fire Alarm. Changing the parameter “Fan Config. Fire Alarm” in the “Parameters” Page it is possible to chose:

1. Only Alarm signal (Alarm 2002). Fan working at the set ventilation mode.
2. Alarm signal (Alarm 2002). Both fans are stopped.
3. Alarm signal (Alarm 2002). Extract fan set at 100%. Supply fan is stopped.
4. Alarm signal (Alarm 2002). Supply fan set at 100%. Extract fan is stopped.
5. Alarm signal (Alarm 2002). Both fans are set at 100%.

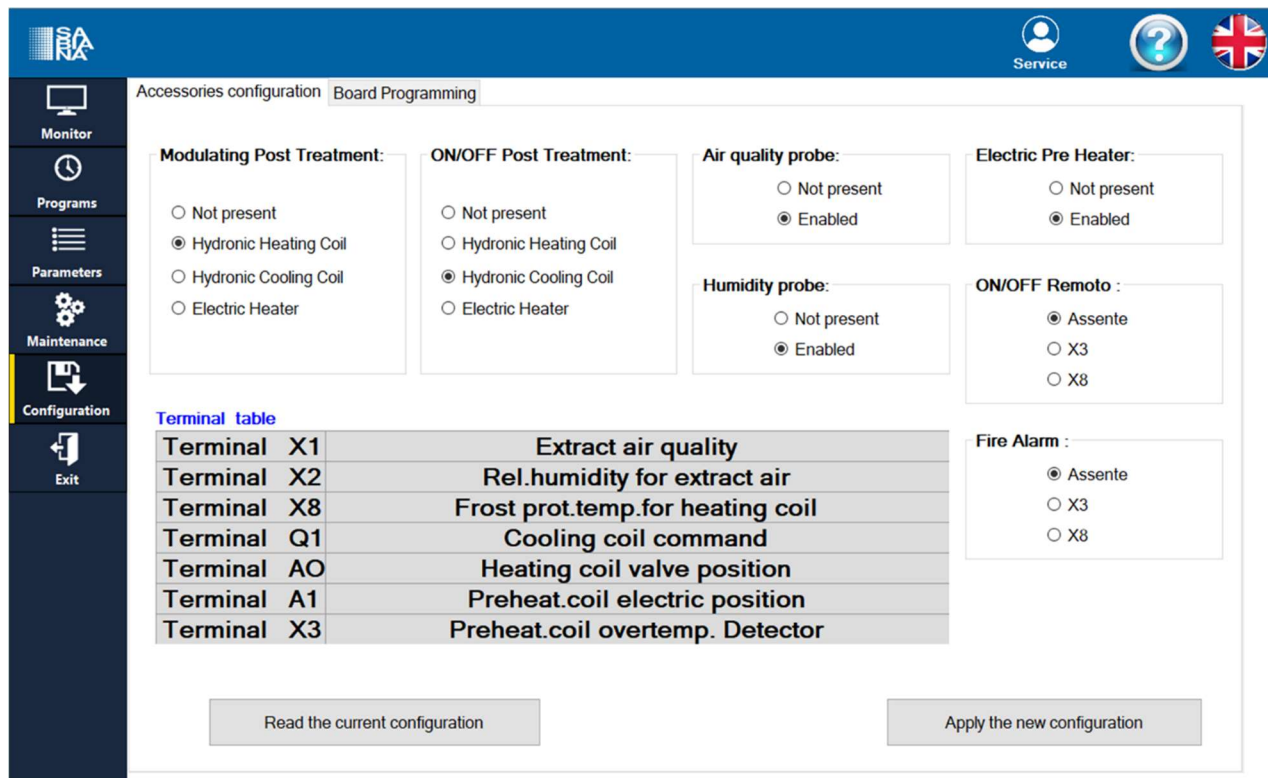


The “Terminal table” shows the terminal configuration based on the accessories selection. All the wiring information are available in the instruction manual.

If the software does not allow the selection of a configuration, it is because it conflicts with a selection already made. For example, it is not possible to configure two hot post treatments, one of which is modulating and one is ON / OFF.

Similarly, it is not possible to configure the remote ON/OFF or Fire Alarm functions if the X3 and X8 terminals are already used by other functions.

Allo stesso modo non è possibile configurare le funzioni di ON/OFF remoto o Fire Alarm se i morsetti X3 ed X8 sono già utilizzati da un'altra funzione.



The screenshot shows the 'Board Programming' tab in the ENY-PV Manager software. The interface includes a sidebar with navigation options: Monitor, Programs, Parameters, Maintenance, Configuration (highlighted), and Exit. The main area is titled 'Accessories configuration' and contains several configuration sections with radio button options:

- Modulating Post Treatment:**
 - ☐ Not present
 - ☒ Hydronic Heating Coil
 - ☐ Hydronic Cooling Coil
 - ☐ Electric Heater
- ON/OFF Post Treatment:**
 - ☐ Not present
 - ☐ Hydronic Heating Coil
 - ☒ Hydronic Cooling Coil
 - ☐ Electric Heater
- Air quality probe:**
 - ☐ Not present
 - ☒ Enabled
- Electric Pre Heater:**
 - ☐ Not present
 - ☒ Enabled
- Humidity probe:**
 - ☐ Not present
 - ☒ Enabled
- ON/OFF Remoto :**
 - ☒ Assente
 - ☐ X3
 - ☐ X8
- Fire Alarm :**
 - ☒ Assente
 - ☐ X3
 - ☐ X8

Below these sections is a 'Terminal table' with the following data:

Terminal	Configuration
X1	Extract air quality
X2	Rel.humidity for extract air
X8	Frost prot.temp.for heating coil
Q1	Cooling coil command
AO	Heating coil valve position
A1	Preheat.coil electric position
X3	Preheat.coil overtemp. Detector

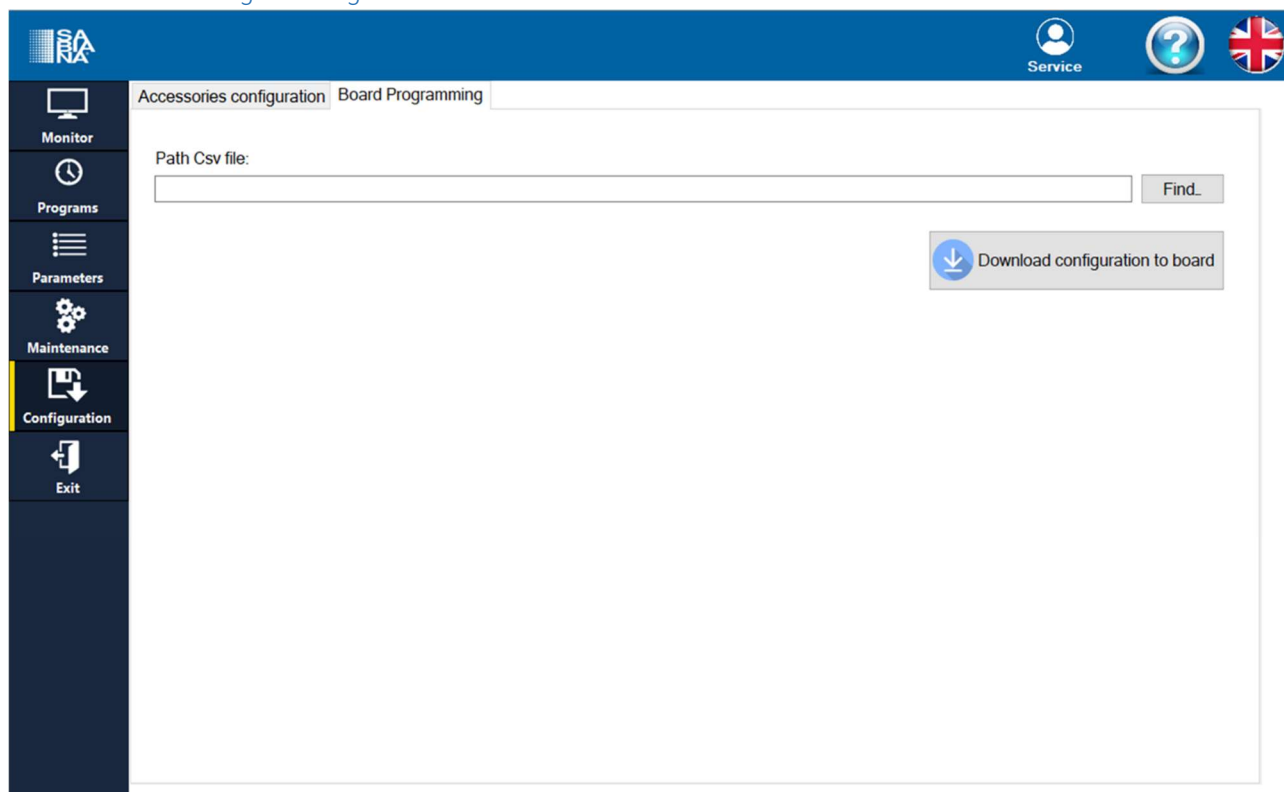
At the bottom of the configuration area are two buttons: 'Read the current configuration' and 'Apply the new configuration'.

The terminal table shows the terminal configuration based on the selected accessories. Wiring information can be found in the instruction manual.

Click on the text to select the accessories.

1. **Apply the new configuration** → click it to apply the configuration and wait until the end of the process (3 minutes required).
2. **Read the current configuration** → by clicking on it, the page shows the actual configuration.

4.5.5.2 Board Programming



It is possible to use a file to upload a completely new configuration into the board. **These files are sent from the factory only when it is necessary.**

4.5.6 Exit

Clicking on the “**Exit**” button, the software closes.